



CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701

Department of Fire and Emergency Services

10 Main Street

605-394-4180

Fax: 605-394-6754

LF051607-06

TO: Maggie Paul
FROM: Tim Kobes
SUBJECT: Legal & Finance Agenda Item
DATE: April 27, 2007

Please add to the Legal & Finance Committee Agenda permission to advertise for bid for Approximately 102 sets of Structural Firefighter Turnout Gear. The majority 80% of the funding will come from Homeland Security Assistance to Firefighters Grant. The remaining 20% will be from budget.

We currently have 120 people wearing turnouts but the Grant only approved 102 sets. We will purchase at least 102 of everything, and if the bids allow more of some items within our grant budget. When we request authorization to purchase we will have more definitive numbers.

ADVERTISING AUTHORITY

This form must be completed and approved by the City Finance Office prior to presenting items to the Common Council and/or Committees of the Common Council. This covers all items, which require formal bids, currently anything over \$25,000 (except emergency and repair costs).

- I. PROJECT ID NO.:
- II. PROJECT NAME: **Fire Department Turnout Gear Replacement**
- III. Project/Item(s) Description: **Approximately 102 sets of Firefighter Turnout Gear**
- IV. BID LETTING DATE:
- V. (If applicable) Grant No.: **EMW-2006-FG-17774**
 Funding Source: **DHS Assistance to Firefighters Grant & Budget**
 Estimated Completion Date: **4th Quarter of 2007**
 Estimated Grant Receipt Date: **Upon completion**
- VI. ESTIMATED COST OF PROJECT/ITEM(S) **\$162,384.00**

VII. BASIS OF PAYMENT

Assessed		Non-Assessed	
Single Payment	XX	Lease/Purchase	

VIII. DISBURSEMENT SCHEDULE

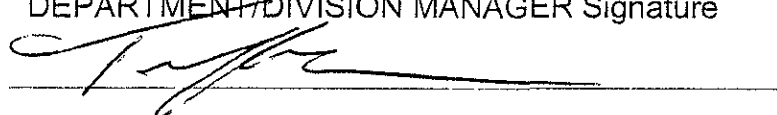
Date	Amount	Amount	Amount	Amount	Amount
Grant	\$129,907	\$	\$	\$	\$
0202	\$ 32,477	\$	\$	\$	\$
	\$	\$	\$	\$	\$
	\$	\$	\$	\$	\$
	\$	\$	\$	\$	\$
	\$	\$	\$	\$	\$
Total	\$162,384	\$	\$	\$	\$

IX. APPROPRIATION DATA

Fund **0101**
 Cost Center **0202**
 Line Item **4350**

we will supplement from grant funds

X. DEPARTMENT/DIVISION: Rapid City Department of Fire & Emergency Services
 Project Manager: Tim Kobes Date April 16, 2007

DEPARTMENT/DIVISION MANAGER Signature  Date April 16, 2007

FINANCE OFFICE USE ONLY			Approved		Carbon Copy
	Date	Initial	Yes	No	
Appropriation Cash Flow	<u>4/25/07</u>	<u>TK</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Investment Desk Public Works Engineering Project Manager
			<input type="checkbox"/>	<input type="checkbox"/>	

**SPECIFICATIONS FOR
Item #1
Approximately 102 sets of Firefighter Turnout Coats & Pants
Rapid City, South Dakota**

Bids will be received at the Rapid City Finance Office, 300 Sixth Street, Rapid City, South Dakota on **Xxxx** until 2:00 P.M. for furnishing **Firefighter Turnout Coats & Pants** which shall meet the attached specifications:

(See attached specifications)

SCOPE

It is the intent of these specifications to describe the items that make up **Firefighters Turnout Coats & Pants** in sufficient detail to secure bids on comparable Turnout Gear. All parts not specifically mentioned, which are necessary in order to provide the Turnout Gear shall be included in the bid and shall conform in strength, quality of material and workmanship to what is usually provided the trade in general.

The City's intent is to obtain a reasonable bid from all interested bidders. If for any reason bidders are unable to meet or equal the following specifications, the City will receive for consideration minor deviations of specifications. Deviations and variations of specifications must be fully detailed and explained by the bidder on the form provided and stapled to the BIDDER'S PROPOSAL.

Bidders may bid on all or individual items. All bids must be accompanied by literature completely describing the item(s) of Turnout Gear to be furnished. Each bidder must be a certified dealer authorized by the manufacturer he represents. Each bid shall contain a dealer and/or factory warranty as a guarantee of the product to be furnished. The guarantee shall be stated in the descriptive literature or by a letter.

GENERAL CONDITIONS

1) Bidders Information

Each bid envelope shall contain Bid Proposal(s) and shall be marked with the words **"Sealed Bid – Item #1 Firefighter Turnout Coats & Pants."**

Each bid envelope shall contain the entire set of specifications. To save time for both the bidder and the City, the bidder shall fill out and complete "ARTICLE 5 CONTRACT DOCUMENT" upon submittal of the bid.

To the extent provided by statute, preference will be given to materials, products, and supplies found or produced within the State of South Dakota. (SDCL Chapter 5-19; Residential Preference Statute.)

The City reserves the right to reject all bids and unless all bids presented are rejected, the lowest responsible bid, in all cases, will be accepted. In case the low bid is not responsible or the bid is not made in accordance with the requirements of SDCL Chapter 5-19 or the low bid is withdrawn, the bid of the next lowest responsible bidder may be accepted; however, to the extent allowed by law the City reserves the right to accept the bid that is to the advantage of and is in the best interest of the City of Rapid City.

Payment for the Items will be made BY CHECK, within a reasonable time after receipt and approval of the **Turnout Gear Item**, receipt of a City claim, and approval by the Common Council.

The unit price of the bid must be stated on the Bidder's Proposal form, along with the extended price bid. Unit price shall take precedence over extended price; written figures shall take precedence over numerical figures.

NAME OF BIDDER: _____

ADDRESS: _____

PHONE NO.: (_____) _____ FAX NO.: (_____) _____

e-mail address: _____

Bidder proposes and agrees to and with the City of Rapid City, South Dakota ("City") to furnish the following items of **Firefighter Turnout Gear** at the following price, to-wit:

ITEM NO.	DESCRIPTION	Quantity	UNIT PRICE (numerical)	EXTENDED PRICE (numerical)
1.	Firefighter Turnout Pants & Coats	Approx. 102 Sets		

The within proposal and agreement are based upon the conditions, stipulations, and specifications named in the notice inviting bids for said **Turnout Gear** which notice and detailed specifications are made a part of this contract as if written herein at length. The **Firefighters Turnout Gear** shall be delivered F.O.B., Rapid City Department of Fire & Emergency Services, 10 Main Street, Rapid City, South Dakota, 57701, within _____ calendar days (to be filled in by Bidder) after date of awarding contract.

The Bidder further agrees and states that he has read the notice calling for bids and has studied the detailed specifications and that he is familiar with the terms and conditions stipulated therein and agrees to enter into attached Contract.

NAME OF COMPANY - BIDDER

AUTHORIZED SIGNATURE

Print Name & Title

Address

Date

BIDDER MUST FILL IN ALL SPACES PROVIDED ABOVE

**CONTRACT
SUPPLIES AND EQUIPMENT
BETWEEN
SUPPLIER AND CITY OF RAPID CITY**

THIS AGREEMENT, made the _____ day of _____, 20____, by and between _____ hereinafter "Supplier," and the City of Rapid City, South Dakota, hereinafter "City," WITNESSETH:

That the Supplier and the City, for the consideration named, agree as follows:

ARTICLE 1. SCOPE OF WORK

The Supplier shall furnish all of the materials, labor and perform all of the work as described in the specifications for Supplies and Equipment entitled prepared by the Department of Fire & Emergency Services, Rapid City, South Dakota, and shall do everything required by this Contract, General Conditions, Special Conditions, and Detailed Specifications, which are hereby made a part of this Contract, including the following Addenda.

Addendum No.

Dated

ARTICLE 2. TIME OF COMPLETION

The furnishing or ordering of materials, supplies, and equipment under this Contract shall be commenced as soon as possible within the time stated in the specifications unless the specifications expressly provide for a one time delivery, it is agreed that the City may place orders under this Contract at any time or times within the Contract period. Failure to meet the terms of the Contract on or before the completion date shall be deemed a breach of this Contract. Request for time extensions shall be made in writing to the RAPID CITY DEPARTMENT OF FIRE & EMERGENCY SERVICES at least fourteen (14) days before the Contract completion date. The City through the Department of Fire & Emergency Services will issue all time extensions.

ARTICLE 3. THE CONTRACT SUM

The City shall pay the Supplier for the performance of the Contract, subject to additions and deductions provided therein, in current funds as follows:

_____ Dollars (\$ _____)

ARTICLE 4. ACCEPTANCE AND FINAL PAYMENT

Upon delivery of any items under this Contract, the Individual or Department specified in Article 2 for making time extensions, shall satisfy himself by examination that the furnishing of supplies and equipment has been finally and fully completed in accordance with the Specifications and Contract, and shall make up the appropriate purchase order. The Supplier must complete and return a proper City voucher and payment will be made on said voucher as soon as possible after approval by the Common Council.

CONTRACT

ARTICLE 5. THE CONTRACT DOCUMENTS

The Notice for Bids, General Conditions, Special Conditions, Addendum, Specifications, and the Bidder's Proposal together with this Agreement, form the Contract, and all are as fully a part of the Contract as if herein set forth at length.

The Supplier further agrees and states that he has read the advertisement calling for bids and has studied the detailed specifications and that he is familiar with the terms and conditions stipulated therein.

IN WITNESS WHEREOF: The City of Rapid, South Dakota, its Council having duly approved this Contract, has caused this Contract to be executed in its behalf by its Mayor, hereunto duly authorized, attested thereto by its Finance Officer, and has hereto attached its corporate seal this _____ day of _____, 20____.

THE CITY OF RAPID CITY, SOUTH DAKOTA

ATTEST:

by _____
Jim Shaw, MAYOR

Jim Preston
City Finance Officer

Date _____

(SEAL)

NAME OF COMPANY

by _____
AUTHORIZED SIGNATURE

Print Name & Title

Address

Date

Specifications for Structural Firefighter Turnout Coats & Pants for
the Rapid City Department of Fire and Emergency Services

Item #1

**BIDDER
COMPLIES**

YES

NO

SCOPE: The purpose of this specification is to identify protective clothing needed to provide protection during structural fire fighting operations where there is a threat of fire or when certain physical hazards are likely to be encountered, such as during non-fire-related rescue operations, emergency medical operations, and victim extrication.

All turnout coats & pants proposed shall meet or exceed the criteria set forth in the current edition of NFPA 1971, "**Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting.**"

The manufacture shall be registered to the ISO Standard 9001 to assure a satisfactory level of quality.

These specifications will be for approximately 102 sets of coats & pants. Additional sets may be ordered as well.

Specifications:

All components and composites used in the construction of garments shall be third party tested, certified and listed for compliance to NFPA 1971. The label of the third party tester shall denote certification.

The manufacturer shall be registered to the ISO Standard 9001 to assure a satisfactory level of quality.

COMPOSITE PERFORMANCE:

The garment composite, consisting of the outer shell, moisture barrier and thermal liner, shall provide a Thermal Protective Performance (TPP) of not less than 40 when tested in accordance with NFPA 1971 standard.

The garment composite, consisting of the outer shell, moisture barrier and thermal liner, shall provide a Total Heat Loss (THL) of not less than 205 when tested in accordance with NFPA 1971 standard.

WARRANTY: Each garment shall have a limited lifetime warranty against defects in material and workmanship. Details of the warranty shall be provided with the proposal.

MATERIALS:

OUTER SHELL MATERIAL: 7.0 oz/sq. yd. blend of 60% Kevlar and 40% Nomex highly constructed rip stop weave with extremely durable water resistant treatment. Fabric color shall be pigment dyed by the fabric manufacture to a Bronze color.

LINER MATERIAL: The liner of the garments shall have a thermal liner and a moisture barrier.

Moisture Barrier Material: The moisture barrier shall be Nomex substrate laminated to a lightweight breathable, Crosstech (Type 2C) Teflon finish membrane; weighing 3.75 oz/sq. yd.

Thermal Liner Material: The thermal barrier shall be 3.5 oz/sq. yd Nomex filament/spun, face cloth quilted to a layer E89 spun lace aramid 85% Nomex/15% Kevlar weighing approximately 2.3 oz/sq. yd. with a Teflon finish; and 1 layer of apertured E 89 spun lace aramid 85% Nomex/ 15% Kevlar weighing approximately 1.5 oz./sq. yd. with a Teflon finish.

The liner shall have one (1) 8.5" x 8.5" internal pocket which shall be made of black outer shell material. The liner pocket shall be located on the left side of the coat liner.

THERMAL PANEL CONSTRUCTION:

There shall be continuous thermal and moisture protection around the entire torso including the storm flap. To ensure this protection. As well as reduce potential for wicking moisture to inside of liner, both right and left inside front facings of the coat outer shell shall incorporate outer shell fabric extending from the collar to the hem.

MOISTURE BARRIER/THERMAL LINER ATTACHMENT:

Design shall be compatible with the outer shell so that the liner does not buckle, pull, or otherwise restrict body motion. The left and right fronts of the moisture barrier/thermal liner shall be attached to the facings at the front closure of the outer shell utilizing hook and loop, snaps, and brass zipper. There shall be a brass zipper and two snaps down each front facing, hook and loop shall also be located around the entire neck opening. In addition, there will be a snap for alignment along the bottom of the liner, one snap and hook and loop at each sleeve and three snaps and hook and loop along the collar.

COAT:

COAT CONSTRUCTION:

The coat shell shall be of construction to optimize comfort and mobility. Contoured raglan sleeves with natural shaping, shall be provided to promote free, unrestricted movement. Cuffs shall be extended over the back of the hand to deliver protection when extending arms. Self-fabric shoulder reinforcements shall be provided for extended wear and added thermal protection. . Polymer-coated aramid elbow and cuff reinforcements, black in color, shall be provided. An angled collar with contoured throat tab for better interface with SCBA mask shall be provided.

An internal wristlet shall consist of a 2-ply knit of 48% Nomex/48% Kevlar and 4% spandex for superior recovery. Wristlets to be combination of natural and bronze pigment dyed by DuPont and with extremely durable Teflon water resistant alloy not less than 8" extending completely over the palm with a thumbhole preventing the wristlet from siding back. Wristlets shall be double stitched and bound to the moisture barrier/thermal liner providing extended thermal and slash protection.

SLEEVE:

The sleeve shall have an insert throughout all layers that shall provide a natural bend in the sleeve. The elbow shall include cut outs, shaped pieces, and darts to create free movement with few restrictions. The insert shall consist of black polymer coated aramid for abrasion resistance and thermal protection.

SLEEVE WELL/WRISTLET MOUNTING:

A combination of a treated chambray facecloth with two layers of apertured E-89 spun laced aramid breathable Crosstech moisture barrier leader shall be sewn no more than 1" back from the combination liner sleeve end to form a sleeve well. A 1.5" (¾" non-separable) wide strip of FR loop fastener shall be sewn full circumference to the end of the thermal liner leader to help secure the combination liner to the outer shell. A Crosstech moisture barrier leader shall be sewn no more than 1" back from the combination liner sleeve end. This leader shall be approximately 4" in length and end with a gathering of 1" of elastic. /this sleeve will shall prevent water and hazardous materials from entering the sleeve when arms are in a raised position.

The combination liner sleeve ends shall be inserted into the outer shell sleeve ends by means of lining up the snaps then attaching the FR loop fastener of the combination liner sleeve end with the FR hook fastener on the outer shell sleeve. This method of combination liner attachment shall prevent any gaps from occurring between the combination liner attachment and sleeve well during a full range of motion. The combination liner shall extend to within 1" of the sleeve end.

CUFFS:

The cuff of the sleeve shall be reinforced with a binding of black Polymer coated aramid no less than 3" in total width for abrasion resistance and thermal protection. At least 2" of the cuff reinforcement shall extend down the interior of the outer shell sleeve with a .75" wide strip of flame resistant hook sewn full circumference to the topside of the cuff reinforcement.

COAT FRONT CLOSURE DESIGN & STORM FLAP:

The complete outer shell coat front closure design shall consist of a front closure system completely protected by an outside storm flap which shall have its own, independent storm flap closure system.

The front closure shall consist of a #9 brass zipper with a 1 ¾" polymer coated aramid tab added to the right bottom for fast closure and exit. Closure design shall consist of a 2.5" storm flap, with flame resistive hook & loop and Crosstech moisture barrier.

COAT COLLAR:

A 4" split collar shall consist of three piece construction shaped for comfort. The collar shall be of a 4-layer configuration such that when the collar is raised it shall remain standing while providing continuous thermal and moisture protection around the neck and face. To ensure this protection, the two layers of the outer shell collar shall be fully lined with two layers of apertured (11-13 apertures/sq. inch) spun laced aramid and 1 layer of Crosstech Pajama check. The collar shall provide proper interface with the liner to insure no moisture penetration through the collar seam to the inside of the coat. Each end of the collar shall be self material, black Nomex and Crosstech PJ and 1" hook shall be placed for alignment. The collar shall be attached to the liner lacing using ¾" hook and 3 male snaps. Collar shall be such design so as not to interfere with a SCBA face piece, or helmet.

THROAT STRAP:

The throat trap shall be of 4-layer configuration providing continuous thermal and moisture protection around the neck and face. The throat strap shall be mounted to the outer shell collar to ensure that when the coat is closed and the collar is raised, the throat strap shall prevent any opening between the left and right collar. To ensure this protection, the inside material of the throat strap shall be fully lined with 1 layer of Gore RT7100 PTFE moisture barrier material and 2 layers of 1.5oz apertured E-89 thermal liner. The outer most layer and inner most layers of the throat strap shall be outer shell material.

The throat strap shall be mounted to the outer shell collar 3.5" back from the collar facing and shall be not less than 11" long and 4" wide, contour shaped to be compatible with the SCBA face piece and secured in the stowed position with 2" x 2" FR loop on the right outside of the collar. 2" x 2" FR hook shall be sewn to the end of the throat strap and 2" x 3" corresponding FR loop shall be sewn to the outer shell material on the left side of the collar to provide maximum adjustment when wearing an SCBA face piece. One piece of 2" x 2" loop on the right side of the collar and one piece of 2" x 2" hook on the top side of the collar tab shall interface for collar tab storage. The throat strap will close from the right to the left.

HANGER LOOP:

An external hanger loop constructed of a double layer of bronze outer shell material and reinforced with two bar tacks shall be attached on the back of the outer shell at the base of the collar. It shall be designed to provide long service and shall not tear or separate from the coat when the coat is allowed to hang for (1) minute hung by the hanger loop, loaded evenly with a weight of 80 lbs..

POCKETS:**SEMI BELLOWS HANDWARMER POCKETS:**

There SHALL be two 9" deep x 7" wide semi-bellows hand warmer pocket that expands by means of side and bottom gussets to a thickness of 2" in back only and 0" in front. The pockets shall be a 6" opening on the rear side of the bellow of the pocket. Pocket shall be lined inside with a treated chambray facecloth with two layers of apertured E 89 spun laced aramid thermal liner material and have a Kevlar twill backer. Pocket and flap shall be set with proper stitching and reinforced with bar tacks for additional strength. Drainage of moisture to be provided by brass eyelets. Each pocket flap shall measure 10" wide by 3" high in front and 5" high in rear. Each flap shall incorporate a 1" by 2" gold polymer aramid pull tab for easy opening. The corner under this tab shall be reinforced with two layers of additional material for stability. A hook and loop closure system shall be set with two pieces of 1.5" x 3" loop fastener set horizontally on the outside edge of the pocket opening with corresponding 1.5" x 3" hook fastener set vertically on the underside of the flap.

A radio pocket, 3.5"x9"x2.5" poly/cotton lined and 1.5"x3" hook & loop closure, shall be located on the left front of the coat, as close to the center and adjacent to the pocket on the closure side without interfering with the coat closure and semi-bellows pocket. A 1"x3" self-fabric mic tab shall be attached to the upper left chest,

A flashlight strap, 1.25"x7", 1"x2" hook & loop closure, #703 hook with self-fabric holder riveted 5" above strap, 2-stitched to the shell shall be attached to the center right chest of the coat.

REFLECTIVE TRIM:

All trim shall be sewn with four (4) rows of lockstitch, with a minimum of six stitches/inch, for a secure trim attachment.

All trim shall be 3" Scotchlite II triple trim of lime/yellow.

Coat trim shall be applied as follows: 3" NFPA Pattern: (1) 3" strip shall be set full circumference at the bottom sweep of the outer shell of the coat; (1) 3" strip shall be set around each sleeve approximately 2" above the cuff; (1) 3" strip shall be set full circumference at the chest.

Pant trim shall be applied as follows: (1) 3" strip set full circumference around each cuff, 2" to 3" from the bottom of the cuff.

DRAG RESCUE DEVICE (DRD):

The purpose of the DRD is to provide mechanical leverage for dragging a downed and incapacitated structural firefighter from a life-threatening environment. The design of the DRD enables the rescuer to drag the downed firefighter in line with the axis of the firefighter's skeletal frame, in order to decrease the risk of further injury.

The coat shall be equipped with a Drag Rescue Device constructed of a one and one-half inch (1 ½") wide Kevlar strap that shall be installed between the outer shell and the thermal liner. This harness shall have a hand loop (16" in circumference) that exits the outer shell through a 2" polymer coated aramid reinforced slot on the back of the coat just below the collar and is held in place by means of a piece of 1" x 1.5" hook on the strap and a piece of 1" x 2" loop attached to the outer shell. This strap is then secured under a 2" x 5.25" flap that is sewn in at the neck/collar area. 2 pieces of 1" x 2" hook shall be set vertically to the underside of the flap; 2 pieces 1" x 2" loop shall be set vertically on the shell to align with the hook on the underside of the flap. The harness is also held in proper alignment by means of a 2" x 2" piece of loop placed on the inside of the outer shell just above the chest trim that corresponds to a piece of 1.5" x 2" hook located on the harness. Two 1" x 3.5" self-fabric straps with 1" x 2" hook on one end and 1" x 2" loop shall be set to the coat in the shoulder cap area. This keeps the straps in proper position for use.

The DRD flap shall have a 3" Scotchlite II triple trim of red/orange.

LETTERING:

"Rapid City Fire" shall be sewn on the yoke in 3" lime/yellow fabric reflective letters.

AMERICAN FLAG EMBLEM: An American flag emblem shall be attached, centered on the left sleeve, approximately 2" below the seam of the shoulder reinforcement.

PANTS:**PANT CONSTRUCTION:**

Pant construction shall be low rise waist design for optimum comfort and mobility. Pant cuffs shall be polymer-coated aramid reinforced, black in color. Pants shall have polymer-coated aramid reinforced, v-notch knee reinforcements, and black in color.

PANT SUSPENDERS: V-back quick adjust, stretch padded suspenders, and shall be provided in lengths appropriate to the size of the individual for which they are intended. They shall be red in color.

MOISTURE BARRIER/THERMAL LINER CONSTRUCTION:

Design shall be compatible with the outer shell so that the liner does not buckle, pull, or otherwise restrict body motion. The bottom nine inches of each thermal liner leg shall be constructed of treated chambray facecloth with two layers of apertured (11-13 apertures/sp. Inch) E89 spun laced aramid to deter the wicking of moisture up the thermal liner leg. The waist of the moisture barrier/thermal liner shall be secured to the waist of the outer shell such that when donning the pant a leg may not be accidentally caught between the outer shell and its inner linings along the waist and between the legs of the pant. For added thermal protection, an additional later of 1/8" thick fire retardant closed-cell foam shall be positioned between the moisture barrier and the thermal liner at the knee.

A Crosstech/Nomex pajama check moisture barrier shall be sewn to the thermal liner at its perimeter by means of hook and loop. All moisture barrier seams shall be sealed as required. The moisture barrier/thermal liner shall finish no more than 3" from the cuffs.

The moisture barrier/thermal liner shall be completely detachable from the outer shell for ease of cleaning by using snaps and hook and loop. Eight evenly spaced snaps shall secure the liner to the integral waistband; 2 snaps shall be set in leather leg tabs at each leg end and hook and loop on each side of the fly facing.

STORM FLY/CLOSURE:

The outer shell shall have a sewn on overlapping fly front running the full length of the fly on the left side. The flap shall not be less than 2.5" wide at the waist band. The bottom of the fly shall be reinforced with two bar tacks. The storm fly shall be held closed along its length by means of a hook and loop fastener closure 1.5" minimum width, along the leading edge for a distance of not less than 6" from the bottom of the fly closure to the waist area for proper alignment and secure closure. Pant closure shall be provided by a #9 brass zipper.

The storm fly shall be outer shell material, lined with a 4" strip of Crosstech moisture barrier material and a treated chambray facecloth with two layers of apertured (11-13 apertures/sq. in) E-89 Nomex spun laced aramid to prevent wicking.

A 3/4" wide x 9" long loop fastener shall be sewn to the moisture barrier/thermal liner to engage corresponding hook fastener on the underside of the outside storm fly and facing.

Pants shall be equipped with a 2" Kevlar belt with a thermoplastic quick-release buckle. Three belt loops, 4" wide by 3.5" high, 2-layer self fabric, double stitched to the pants shell, bar tacked on all four corners, shall be provided.

KNEE CONSTRUCTION:

The knee shall have an insert throughout all layers that shall provide a natural bend in the leg. This knee shall include cutouts, shaped pieces, and darts to create free movement with few restrictions. The insert shall consist of black polymer coated aramid for abrasion resistance and thermal protection.

In addition to reinforcement, knees shall be padded using 1/8" thick fire retardant closed-cell foam. The reinforcement material shall be oriented between the outer shell and the knee insert reinforcement.

The cuff area of the pant shall be reinforced with a binding of self fabric not less than 2" in total width for greater strength, abrasion resistance, and thermal protection.

PANT POCKETS: Pants pockets shall consist of two 10"x10" bellows pockets. The pockets expand by means of side and bottom gussets to a thickness of 2". A 2" pleat set vertically in the center pocket allows for easy expansion of packet when needed. Pockets shall be fully lined three sides with Kevlar twill. Pockets and flaps shall be reinforced with bar tack at the top and bottom pocket corners and the top corners of the flap. Drainage of moisture to be provided by brass eyelets. Each pocket flap shall incorporate a 1" x 2" gold polymer coated aramid pull tab for easy opening. The corner under this tab shall be reinforced with two layers of additional material for stability. A hook and loop closure system shall be set with two pieces of 1.5" x 3" loop fastener set horizontally on the outside edge of the pocket opening with corresponding 1.5" x 3" hook fastener set vertically on they underside of the flap.

REFLECTIVE TRIM:

All trim shall be sewn with four (4) rows of lockstitch, with a minimum of six stitches/inch for most secure trim attachment.

All trim shall be 3" Scotchlite II triple trim of lime/yellow.

Pant trim shall be applied as follows: (1) 3" strip set full circumference around each cuff, 2" to 3" from the bottom of the cuff.

SIZE PROVISIONS:

Rapid City Fire Department members shall be individually measured, so coats and pants shall be sized to provide optimum fit and comfort for each member.

**SPECIFICATIONS FOR
Item #2
Approximately 102 Firefighter Structural Helmets
Rapid City, South Dakota**

Bids will be received at the Rapid City Finance Office, 300 Sixth Street, Rapid City, South Dakota on **Xxxx** until 2:00 P.M. for furnishing **Firefighter Structural Helmets** which shall meet the attached specifications:

(See attached specifications)

SCOPE

It is the intent of these specifications to describe the items that make up a **Firefighters Structural Helmet** in sufficient detail to secure bids on comparable helmets. All parts not specifically mentioned, which are necessary in order to provide the helmets shall be included in the bid and shall conform in strength, quality of material and workmanship to what is usually provided the trade in general.

The City's intent is to obtain a reasonable bid from all interested bidders. If for any reason bidders are unable to meet or equal the following specifications, the City will receive for consideration minor deviations of specifications. Deviations and variations of specifications must be fully detailed and explained by the bidder on the form provided and stapled to the BIDDER'S PROPOSAL.

Bidders may bid on all or individual items. All bids must be accompanied by literature completely describing the item(s) of helmet to be furnished. Each bidder must be a certified dealer authorized by the manufacturer he represents. Each bid shall contain a dealer and/or factory warranty as a guarantee of the product to be furnished. The guarantee shall be stated in the descriptive literature or by a letter.

GENERAL CONDITIONS

1) Bidders Information

Each bid envelope shall contain Bid Proposal(s) and shall be marked with the words "**Sealed Bid – Firefighter Helmets.**"

Each bid envelope shall contain the entire set of specifications. To save time for both the bidder and the City, the bidder shall fill out and complete "ARTICLE 5 CONTRACT DOCUMENT" upon submittal of the bid.

To the extent provided by statute, preference will be given to materials, products, and supplies found or produced within the State of South Dakota. (SDCL Chapter 5-19; Residential Preference Statute.)

The City reserves the right to reject all bids and unless all bids presented are rejected, the lowest responsible bid, in all cases, will be accepted. In case the low bid is not responsible or the bid is not made in accordance with the requirements of SDCL Chapter 5-19 or the low bid is withdrawn, the bid of the next lowest responsible bidder may be accepted; however, to the extent allowed by law the City reserves the right to accept the bid that is to the advantage of and is in the best interest of the City of Rapid City.

Payment for the Items will be made BY CHECK, within a reasonable time after receipt and approval of the **Turnout Gear Items**, receipt of a City claim, and approval by the Common Council.

The unit price of the bid must be stated on the Bidder's Proposal form, along with the extended price bid. Unit price shall take precedence over extended price; written figures shall take precedence over numerical figures.

NAME OF BIDDER: _____

ADDRESS: _____

PHONE NO.: (_____) _____ FAX NO.: (_____) _____

e-mail address: _____

Bidder proposes and agrees to and with the City of Rapid City, South Dakota ("City") to furnish the following items of **Firefighter Turnout Gear** at the following price, to-wit:

ITEM NO.	DESCRIPTION	Quantity	UNIT PRICE (numerical)	EXTENDED PRICE (numerical)
2.	Firefighter Structural Helmets	Approximately 102		

The within proposal and agreement are based upon the conditions, stipulations, and specifications named in the notice inviting bids for said **Turnout Gear** which notice and detailed specifications are made a part of this contract as if written herein at length. The **Firefighters Turnout Gear** shall be delivered F.O.B., Rapid City Department of Fire & Emergency Services, 10 Main Street, Rapid City, South Dakota, 57701, within _____ calendar days (to be filled in by Bidder) after date of awarding contract.

The Bidder further agrees and states that he has read the notice calling for bids and has studied the detailed specifications and that he is familiar with the terms and conditions stipulated therein and agrees to enter into attached Contract.

NAME OF COMPANY - BIDDER

AUTHORIZED SIGNATURE

Print Name & Title

Address

Date

BIDDER MUST FILL IN ALL SPACES PROVIDED ABOVE

**CONTRACT
SUPPLIES AND EQUIPMENT
BETWEEN
SUPPLIER AND CITY OF RAPID CITY**

THIS AGREEMENT, made the _____ day of _____, 20____, by and between _____ hereinafter "Supplier," and the City of Rapid City, South Dakota, hereinafter "City," WITNESSETH:

That the Supplier and the City, for the consideration named, agree as follows:

ARTICLE 1. SCOPE OF WORK

The Supplier shall furnish all of the materials, labor and perform all of the work as described in the specifications for Supplies and Equipment entitled prepared by the Department of Fire & Emergency Services, Rapid City, South Dakota, and shall do everything required by this Contract, General Conditions, Special Conditions, and Detailed Specifications, which are hereby made a part of this Contract, including the following Addenda.

Addendum No.

Dated

ARTICLE 2. TIME OF COMPLETION

The furnishing or ordering of materials, supplies, and equipment under this Contract shall be commenced as soon as possible within the time stated in the specifications unless the specifications expressly provide for a one time delivery, it is agreed that the City may place orders under this Contract at any time or times within the Contract period. Failure to meet the terms of the Contract on or before the completion date shall be deemed a breach of this Contract. Request for time extensions shall be made in writing to the RAPID CITY DEPARTMENT OF FIRE & EMERGENCY SERVICES at least fourteen (14) days before the Contract completion date. The City through the Department of Fire & Emergency Services will issue all time extensions.

ARTICLE 3. THE CONTRACT SUM

The City shall pay the Supplier for the performance of the Contract, subject to additions and deductions provided therein, in current funds as follows:

_____ Dollars (\$ _____)

ARTICLE 4. ACCEPTANCE AND FINAL PAYMENT

Upon delivery of any items under this Contract, the Individual or Department specified in Article 2 for making time extensions, shall satisfy himself by examination that the furnishing of supplies and equipment has been finally and fully completed in accordance with the Specifications and Contract, and shall make up the appropriate purchase order. The Supplier must complete and return a proper City voucher and payment will be made on said voucher as soon as possible after approval by the Common Council.

CONTRACT

ARTICLE 5. THE CONTRACT DOCUMENTS

The Notice for Bids, General Conditions, Special Conditions, Addendum, Specifications, and the Bidder's Proposal together with this Agreement, form the Contract, and all are as fully a part of the Contract as if herein set forth at length.

The Supplier further agrees and states that he has read the advertisement calling for bids and has studied the detailed specifications and that he is familiar with the terms and conditions stipulated therein.

IN WITNESS WHEREOF: The City of Rapid, South Dakota, its Council having duly approved this Contract, has caused this Contract to be executed in its behalf by its Mayor, hereunto duly authorized, attested thereto by its Finance Officer, and has hereto attached its corporate seal this _____ day of _____, 20____.

THE CITY OF RAPID CITY, SOUTH DAKOTA

ATTEST:

by _____
Jim Shaw, MAYOR

Jim Preston
City Finance Officer

Date _____

(SEAL)

NAME OF COMPANY

by _____
AUTHORIZED SIGNATURE

Print Name & Title

Address

Date

**Specifications for Structural Firefighter Helmets for the Rapid City
Department of Fire and Emergency Services**

Item #2

**BIDDER
COMPLIES**

YES NO

SCOPE: The purpose of this specification is to identify protective clothing needed to provide protection during structural fire fighting operations where there is a threat of fire or when certain physical hazards are likely to be encountered, such as during non-fire-related rescue operations, emergency medical operations, and victim extrication.

All helmets proposed shall meet or exceed the criteria set forth in the current edition of **NFPA 1971, "Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting."**

These specifications will be for approximately 102 helmets.

Specifications:

Helmets shall consist of at least all the following assembled components:

- 1) Modern style shell
- 2) Reflective trim
- 3) Energy Absorbing system
- 4) Retention system
- 5) Face shield & Ear and neck protection

SHELL & REFLECTIVE TRIM

The modern style shell shall consist of a through color "Duraglas" composite material, or equivalent, that will still show the original color even when scratched. An ultra-high temperature edge trim that will no melt or drip when heated shall be provided.

Color will be a matte finish and be available in white, red, yellow, and black. Exact numbers needed of each color to be determined prior to ordering.

A durable no corrosive helmet hanger that fits on large hooks and resists bending shall be provided on the rear.

A 5 year shell replacement warranty shall be provided.

1" x 4" reflective trim shall be yellow "Reflexite." A minimum of 4 sq inches of reflective trim shall be visible when the face shield is in the stowed position.

2" reflective letters and numbers shall be shipped loose. These letters will be applied to the sides of the helmets for identification. 4 for each helmet, approximately 102 helmets minimum.

ENERGY ABSORBING & RETENTION SYSTEMS

A water based foam impact cap that will no burn or char shall be provided.

A series of adjustments shall be provided front and rear to assist in obtaining the best fit.

The suspension system shall be have ratchet adjusting system to allow it to be adjusted to fit head sizes between 6 3/8" and 8 3/8".

The chin strap shall be 3/4" Nomex. It shall have a quick release, a postman's slide, and a means to keep the loose end of the strap secured and not dangling.

Headband and liners shall be padded standard flannel for added comfort.

FACE SHIELD & EAR AND NECK PROTECTION SYSTEMS

A 4" scratch resistant, hi temp, replaceable face shield shall attach via two pivot points, one each side of the helmet. The attaching hardware shall be non-corroding high temperature-resistant, with minimal parts for lower service costs and easier maintenance.

The shield will raise and lower with minimum amount of force and will stay in the upright, stowed, position during normal usage.

Ear and neck protection shall be provided by a Nomex shroud that attaches to the inside of the impact cap by a series of Velcro attaching points.

**SPECIFICATIONS FOR
Item #3
Approximately 102 pairs of Firefighter Structural Turnout Boots
Rapid City, South Dakota**

Bids will be received at the Rapid City Finance Office, 300 Sixth Street, Rapid City, South Dakota on **Xxxx** until 2:00 P.M. for furnishing **Firefighter Turnout Boots** which shall meet the attached specifications:

(See attached specifications)

SCOPE

It is the intent of these specifications to describe the items that make up **Firefighters Turnout Boots** in sufficient detail to secure bids on comparable turnout boots. All parts not specifically mentioned, which are necessary in order to provide the turnout boots shall be included in the bid and shall conform in strength, quality of material and workmanship to what is usually provided the trade in general.

The City's intent is to obtain a reasonable bid from all interested bidders. If for any reason bidders are unable to meet or equal the following specifications, the City will receive for consideration minor deviations of specifications. Deviations and variations of specifications must be fully detailed and explained by the bidder on the form provided and stapled to the BIDDER'S PROPOSAL.

Bidders may bid on all or individual items. All bids must be accompanied by literature completely describing the item(s) of Turnout Gear to be furnished. Each bidder must be a certified dealer authorized by the manufacturer he represents. Each bid shall contain a dealer and/or factory warranty as a guarantee of the product to be furnished. The guarantee shall be stated in the descriptive literature or by a letter.

GENERAL CONDITIONS

1) Bidders Information

Each bid envelope shall contain Bid Proposal(s) and shall be marked with the words "**Sealed Bid – Item #3 Firefighter Boots.**"

Each bid envelope shall contain the entire set of specifications. To save time for both the bidder and the City, the bidder shall fill out and complete "ARTICLE 5 CONTRACT DOCUMENT" upon submittal of the bid.

To the extent provided by statute, preference will be given to materials, products, and supplies found or produced within the State of South Dakota. (SDCL Chapter 5-19; Residential Preference Statute.)

The City reserves the right to reject all bids and unless all bids presented are rejected, the lowest responsible bid, in all cases, will be accepted. In case the low bid is not responsible or the bid is not made in accordance with the requirements of SDCL Chapter 5-19 or the low bid is withdrawn, the bid of the next lowest responsible bidder may be accepted; however, to the extent allowed by law the City reserves the right to accept the bid that is to the advantage of and is in the best interest of the City of Rapid City.

Payment for the Items will be made BY CHECK, within a reasonable time after receipt and approval of the turnout gear items, receipt of a City claim, and approval by the Common Council.

The unit price of the bid must be stated on the Bidder's Proposal form, along with the extended price bid. Unit price shall take precedence over extended price; written figures shall take precedence over numerical figures.

NAME OF BIDDER: _____

ADDRESS: _____

PHONE NO.: (_____) _____ FAX NO.: (_____) _____

e-mail address: _____

Bidder proposes and agrees to and with the City of Rapid City, South Dakota ("City") to furnish the following items of **Firefighter Turnout Gear** at the following price, to-wit:

ITEM NO.	DESCRIPTION	Quantity	UNIT PRICE (numerical)	EXTENDED PRICE (numerical)
3.	Structural Firefighter Turnout Boots	Approximately 102 pairs		

The within proposal and agreement are based upon the conditions, stipulations, and specifications named in the notice inviting bids for said **Turnout Boots** which notice and detailed specifications are made a part of this contract as if written herein at length. The **Firefighters Turnout Boots** shall be delivered F.O.B., Rapid City Department of Fire & Emergency Services, 10 Main Street, Rapid City, South Dakota, 57701, within _____ calendar days (to be filled in by Bidder) after date of awarding contract.

The Bidder further agrees and states that he has read the notice calling for bids and has studied the detailed specifications and that he is familiar with the terms and conditions stipulated therein and agrees to enter into attached Contract.

NAME OF COMPANY - BIDDER

AUTHORIZED SIGNATURE

Print Name & Title

Address

Date

BIDDER MUST FILL IN ALL SPACES PROVIDED ABOVE

**CONTRACT
SUPPLIES AND EQUIPMENT
BETWEEN
SUPPLIER AND CITY OF RAPID CITY**

THIS AGREEMENT, made the _____ day of _____, 20____, by and between _____ hereinafter "Supplier," and the City of Rapid City, South Dakota, hereinafter "City," WITNESSETH:

That the Supplier and the City, for the consideration named, agree as follows:

ARTICLE 1. SCOPE OF WORK

The Supplier shall furnish all of the materials, labor and perform all of the work as described in the specifications for Supplies and Equipment -entitled prepared by the Department of Fire & Emergency Services, Rapid City, South Dakota, and shall do everything required by this Contract, General Conditions, Special Conditions, and Detailed Specifications, which are hereby made a part of this Contract, including the following Addenda.

Addendum No.	Dated
_____	_____
_____	_____

ARTICLE 2. TIME OF COMPLETION

The furnishing or ordering of materials, supplies, and equipment under this Contract shall be commenced as soon as possible within the time stated in the specifications unless the specifications expressly provide for a one time delivery, it is agreed that the City may place orders under this Contract at any time or times within the Contract period. Failure to meet the terms of the Contract on or before the completion date shall be deemed a breach of this Contract. Request for time extensions shall be made in writing to the RAPID CITY DEPARTMENT OF FIRE & EMERGENCY SERVICES at least fourteen (14) days before the Contract completion date. The City through the Department of Fire & Emergency Services will issue all time extensions.

ARTICLE 3. THE CONTRACT SUM

The City shall pay the Supplier for the performance of the Contract, subject to additions and deductions provided therein, in current funds as follows:

_____ Dollars (\$)_____)

ARTICLE 4. ACCEPTANCE AND FINAL PAYMENT

Upon delivery of any items under this Contract, the Individual or Department specified in Article 2 for making time extensions shall satisfy himself by examination that the furnishing of supplies and equipment has been finally and fully completed in accordance with the Specifications and Contract, and shall make up the appropriate purchase order. The Supplier must complete and return a proper City voucher and payment will be made on said voucher as soon as possible after approval by the Common Council.

CONTRACT

ARTICLE 5. THE CONTRACT DOCUMENTS

The Notice for Bids, General Conditions, Special Conditions, Addendum, Specifications, and the Bidder's Proposal together with this Agreement, form the Contract, and all are as fully a part of the Contract as if herein set forth at length.

The Supplier further agrees and states that he has read the advertisement calling for bids and has studied the detailed specifications and that he is familiar with the terms and conditions stipulated therein.

IN WITNESS WHEREOF: The City of Rapid, South Dakota, its Council having duly approved this Contract, has caused this Contract to be executed in its behalf by its Mayor, hereunto duly authorized, attested thereto by its Finance Officer, and has hereto attached its corporate seal this _____ day of _____, 20____.

THE CITY OF RAPID CITY, SOUTH DAKOTA

ATTEST:

by _____
Jim Shaw, MAYOR

Jim Preston
City Finance Officer

Date _____

(SEAL)

NAME OF COMPANY

by _____
AUTHORIZED SIGNATURE

Print Name & Title

Address

Date _____

**Specifications for Structural Firefighter Boots for the Rapid City
Department of Fire and Emergency Services**

Item #3

BIDDER
COMPLIES

SCOPE: The purpose of this specification is to identify protective clothing needed to provide protection during structural fire fighting operations where there is a threat of fire or when certain physical hazards are likely to be encountered, such as during non-fire-related rescue operations, emergency medical operations, and victim extrication. Approximately 103 pairs of protective structural boots will be requested.

All boots proposed shall meet or exceed the criteria set forth in the current edition of NFPA 1971, "Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting."

These specifications will be for approximately 102 pairs of turnout boots.

Specifications:

Boots shall consist of at least the following assembled components:

- 1) Sole with a heel,
- 2) A puncture resistant device, a ladder shank or whole sole equivalent,
- 3) An impact and compression resistant toecap,
- 4) An upper with lining.

GENERAL CONSTRUCTION:

Boots shall be rubber outer with Kevlar/Nomex lining with built in urethane/silicone enhanced insulation, or equivalent.

Boot height shall be a minimum of 10" in height. The height shall be determined by measuring inside the boot with the insole in place to the lowest point of the boot where waterproof performance is provided.

Thermal, physical, and moisture protection shall be continuous for the entire boot height.

SIZING:

Boots proposed shall be available in Men's sizes 5-13, including half sizes and be available in three different widths for all sizes. Women's sizes 5-10, including half sizes and be available in three different widths for all sizes.

Dual sizing of the same pair of boots to cover men's and women's boot styles shall not be acceptable.

SOLE & HEEL:

Boot soles shall be tested for puncture resistance, abrasion resistance conductive heat resistance and slip resistance.

Tread shall provide the best traction available in all types of weather.

YES

NO

PUNCTURE RESISTANT DEVICE(s):

The puncture resistant device shall be a shank within the boot sole, and may include a ladder shank. These shanks shall be tested to provide stiffness for the sole to keep it from bending.

The puncture resistant device shall cover the maximum area of the sole as possible.

An insole shall be provided to add to the comfort of the fit and insulation value.

A roomy built in toe cap shall be provided to provide maximum impact and compression foot protection. There shall be an extra layer of material over the outside of the boot to ensure extra protection.

BOOT UPPER:

Total boot height shall be a minimum of 10" in height excluding and pull up loops.

Thermal, physical, and moisture protection shall be continuous for the entire boot height.

Kevlar/Nomex lining with built in urethane/silicone enhanced insulation, or equivalent shall be provided.

Padded shin protection shall also be provided.

Strong pull up loops shall be provided, 2 per boot.

Item 3, OPTION #1

Provide approximately 103 pair of boots meeting NFPA Standards, in leather.

**SPECIFICATIONS FOR
Item #4
Approximately 102 Structural Firefighter Hoods
Rapid City, South Dakota**

Bids will be received at the Rapid City Finance Office, 300 Sixth Street, Rapid City, South Dakota on **Xxxx** until 2:00 P.M. for furnishing **Structural Firefighter Hoods** which shall meet the attached specifications:

(See attached specifications)

SCOPE

It is the intent of these specifications to describe the items that make up the Hoods in sufficient detail to secure bids on comparable Hoods. All parts not specifically mentioned, which are necessary in order to provide the Hoods shall be included in the bid and shall conform in strength, quality of material and workmanship to what is usually provided the trade in general.

The City's intent is to obtain a reasonable bid from all interested bidders. If for any reason bidders are unable to meet or equal the following specifications, the City will receive for consideration minor deviations of specifications. Deviations and variations of specifications must be fully detailed and explained by the bidder on the form provided and stapled to the BIDDER'S PROPOSAL.

Bidders may bid on all or individual items. All bids must be accompanied by literature completely describing the item(s) of Turnout Gear to be furnished. Each bidder must be a certified dealer authorized by the manufacturer he represents. Each bid shall contain a dealer and/or factory warranty as a guarantee of the product to be furnished. The guarantee shall be stated in the descriptive literature or by a letter.

GENERAL CONDITIONS

1) Bidders Information

Each bid envelope shall contain Bid Proposal(s) and shall be marked with the words "**Sealed Bid – Item #4 Firefighter Hoods.**"

Each bid envelope shall contain the entire set of specifications. To save time for both the bidder and the City, the bidder shall fill out and complete "ARTICLE 5 CONTRACT DOCUMENT" upon submittal of the bid.

To the extent provided by statute, preference will be given to materials, products, and supplies found or produced within the State of South Dakota. (SDCL Chapter 5-19; Residential Preference Statute.)

The City reserves the right to reject all bids and unless all bids presented are rejected, the lowest responsible bid, in all cases, will be accepted. In case the low bid is not responsible or the bid is not made in accordance with the requirements of SDCL Chapter 5-19 or the low bid is withdrawn, the bid of the next lowest responsible bidder may be accepted; however, to the extent allowed by law the City reserves the right to accept the bid that is to the advantage of and is in the best interest of the City of Rapid City.

Payment for the Items will be made BY CHECK, within a reasonable time after receipt and approval of the **Turnout Gear Items**, receipt of a City claim, and approval by the Common Council.

The unit price of the bid must be stated on the Bidder's Proposal form, along with the extended price bid. Unit price shall take precedence over extended price; written figures shall take precedence over numerical figures.

NAME OF BIDDER: _____

ADDRESS: _____

PHONE NO.: (_____) _____ FAX NO.: (_____) _____

e-mail address: _____

Bidder proposes and agrees to and with the City of Rapid City, South Dakota ("City") to furnish the following items of **Firefighter Turnout Gear** at the following price, to-wit:

ITEM NO.	DESCRIPTION	Quantity	UNIT PRICE (numerical)	EXTENDED PRICE (numerical)
4.	Structural Firefighter Hoods	Approximately 102		

The within proposal and agreement are based upon the conditions, stipulations, and specifications named in the notice inviting bids for said **Hoods** which notice and detailed specifications are made a part of this contract as if written herein at length. The **Firefighter Hoods** shall be delivered F.O.B., Rapid City Department of Fire & Emergency Services, 10 Main Street, Rapid City, South Dakota, 57701, within _____ calendar days (to be filled in by Bidder) after date of awarding contract.

The Bidder further agrees and states that he has read the notice calling for bids and has studied the detailed specifications and that he is familiar with the terms and conditions stipulated therein and agrees to enter into attached Contract.

NAME OF COMPANY - BIDDER

AUTHORIZED SIGNATURE

Print Name & Title

Address

Date

BIDDER MUST FILL IN ALL SPACES PROVIDED ABOVE

**CONTRACT
SUPPLIES AND EQUIPMENT
BETWEEN
SUPPLIER AND CITY OF RAPID CITY**

THIS AGREEMENT, made the ____ day of _____, 20____, by and between _____ hereinafter "Supplier," and the City of Rapid City, South Dakota, hereinafter "City," WITNESSETH:

That the Supplier and the City, for the consideration named, agree as follows:

ARTICLE 1. SCOPE OF WORK

The Supplier shall furnish all of the materials, labor and perform all of the work as described in the specifications for Supplies and Equipment entitled prepared by the Department of Fire & Emergency Services, Rapid City, South Dakota, and shall do everything required by this Contract, General Conditions, Special Conditions, and Detailed Specifications, which are hereby made a part of this Contract, including the following Addenda.

Addendum No.

Dated

ARTICLE 2. TIME OF COMPLETION

The furnishing or ordering of materials, supplies, and equipment under this Contract shall be commenced as soon as possible within the time stated in the specifications unless the specifications expressly provide for a one time delivery, it is agreed that the City may place orders under this Contract at any time or times within the Contract period. Failure to meet the terms of the Contract on or before the completion date shall be deemed a breach of this Contract. Request for time extensions shall be made in writing to the RAPID CITY DEPARTMENT OF FIRE & EMERGENCY SERVICES at least fourteen (14) days before the Contract completion date. The City through the Department of Fire & Emergency Services will issue all time extensions.

ARTICLE 3. THE CONTRACT SUM

The City shall pay the Supplier for the performance of the Contract, subject to additions and deductions provided therein, in current funds as follows:

_____ Dollars (\$ _____)

ARTICLE 4. ACCEPTANCE AND FINAL PAYMENT

Upon delivery of any items under this Contract, the Individual or Department specified in Article 2 for making time extensions, shall satisfy himself by examination that the furnishing of supplies and equipment has been finally and fully completed in accordance with the Specifications and Contract, and shall make up the appropriate purchase order. The Supplier must complete and return a proper City voucher and payment will be made on said voucher as soon as possible after approval by the Common Council.

CONTRACT

ARTICLE 5. THE CONTRACT DOCUMENTS

The Notice for Bids, General Conditions, Special Conditions, Addendum, Specifications, and the Bidder's Proposal together with this Agreement, form the Contract, and all are as fully a part of the Contract as if herein set forth at length.

The Supplier further agrees and states that he has read the advertisement calling for bids and has studied the detailed specifications and that he is familiar with the terms and conditions stipulated therein.

IN WITNESS WHEREOF: The City of Rapid, South Dakota, its Council having duly approved this Contract, has caused this Contract to be executed in its behalf by its Mayor, hereunto duly authorized, attested thereto by its Finance Officer, and has hereto attached its corporate seal this _____ day of _____, 20____.

THE CITY OF RAPID CITY, SOUTH DAKOTA

ATTEST:

by _____
Jim Shaw, MAYOR

Jim Preston
City Finance Officer

Date _____

(SEAL)

NAME OF COMPANY

by _____
AUTHORIZED SIGNATURE

Print Name & Title

Address

Date

Specifications for Structural Firefighter Hoods for the Rapid City
Department of Fire and Emergency Services

Item #4

BIDDER
COMPLIES

YES NO

SCOPE: The purpose of this specification is to identify protective clothing needed to provide protection during structural fire fighting operations where there is a threat of fire or when certain physical hazards are likely to be encountered, such as during non-fire-related rescue operations, emergency medical operations, and victim extrication.

All hoods proposed shall meet or exceed the criteria set forth in the current edition of **NFPA 1971, "Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting."**

These specifications will be for approximately 102 protective hoods.

Specifications:

Hoods shall be designed to cover and provide limited protection to the head, face, and neck areas but not including the face opening.

Hood construction shall be 2 ply for the entire hood. All materials and thread utilized in the construction of the hoods shall be of an inherently flame-resistant fiber. Specifications shall state what the material content of the proposed hoods shall be.

Hoods shall be designed with a face opening. The face opening shall be capable of overlapping the outer edge of to-face seal perimeter of the MSA Ultra Elite SCBA face pieces by at least 1/2".

Hoods shall be tested for thermal insulation. The Thermal Protective Performance (TPP) Test shall have an average TTP rating of not less than **25**.

Overall total length of the hood shall be approximately 21 inches. 13" from top of head to neck. 8" bib. Bib shall be a notched shoulder design. Length from the top of the head to the bottom of the notched shoulder shall be 15"

Sizing shall be one size fits all.

Hoods shall be able to be washed with regular detergent, no bleach, and tumbled dry on low heat.

NOTE:

Proposals for hoods of different materials will be accepted as long as they are listed separately on the bid document, and detailed individually in the proposal, i.e., Item 4A, 4B, 4C, etc. Sample hoods may be requested to aid in making the final determination.

**SPECIFICATIONS FOR
Item #5
Approximately 102 pairs of Firefighter Structural Gloves
Rapid City, South Dakota**

Bids will be received at the Rapid City Finance Office, 300 Sixth Street, Rapid City, South Dakota on **Xxxx** until 2:00 P.M. for furnishing **Firefighter Structural Gloves** which shall meet the attached specifications:

(See attached specifications)

SCOPE

It is the intent of these specifications to describe the items that make up the **Firefighters Gloves** in sufficient detail to secure bids on comparable gloves. All parts not specifically mentioned, which are necessary in order to provide the gloves shall be included in the bid and shall conform in strength, quality of material and workmanship to what is usually provided the trade in general.

The City's intent is to obtain a reasonable bid from all interested bidders. If for any reason bidders are unable to meet or equal the following specifications, the City will receive for consideration minor deviations of specifications. Deviations and variations of specifications must be fully detailed and explained by the bidder on the form provided and stapled to the BIDDER'S PROPOSAL.

Bidders may bid on all or individual items. All bids must be accompanied by literature completely describing the item(s) of Turnout Gear to be furnished. Each bidder must be a certified dealer authorized by the manufacturer he represents. Each bid shall contain a dealer and/or factory warranty as a guarantee of the product to be furnished. The guarantee shall be stated in the descriptive literature or by a letter.

GENERAL CONDITIONS

1) Bidders Information

Each bid envelope shall contain Bid Proposal(s), and shall be marked with the words **"Sealed Bid – Item #5 Firefighter Gloves."**

Each bid envelope shall contain the entire set of specifications. To save time for both the bidder and the City, the bidder shall fill out and complete "ARTICLE 5 CONTRACT DOCUMENT" upon submittal of the bid.

To the extent provided by statute, preference will be given to materials, products, and supplies found or produced within the State of South Dakota. (SDCL Chapter 5-19; Residential Preference Statute.)

The City reserves the right to reject all bids and unless all bids presented are rejected, the lowest responsible bid, in all cases, will be accepted. In case the low bid is not responsible or the bid is not made in accordance with the requirements of SDCL Chapter 5-19 or the low bid is withdrawn, the bid of the next lowest responsible bidder may be accepted; however, to the extent allowed by law the City reserves the right to accept the bid that is to the advantage of and is in the best interest of the City of Rapid City.

Payment for the Items will be made BY CHECK, within a reasonable time after receipt and approval of the **Turnout Gear Items**, receipt of a City claim, and approval by the Common Council.

The unit price of the bid must be stated on the Bidder's Proposal form, along with the extended price bid. Unit price shall take precedence over extended price; written figures shall take precedence over numerical figures.

NAME OF BIDDER: _____

ADDRESS: _____

PHONE NO.: (_____) _____ FAX NO.: (_____) _____

e-mail address: _____

Bidder proposes and agrees to and with the City of Rapid City, South Dakota ("City") to furnish the following items of **Firefighter Turnout Gear** at the following price, to-wit:

ITEM NO.	DESCRIPTION	Quantity	UNIT PRICE (numerical)	EXTENDED PRICE (numerical)
5.	Firefighter Structural Gloves	Approximately 102 pairs		

The within proposal and agreement are based upon the conditions, stipulations, and specifications named in the notice inviting bids for said Gloves which notice and detailed specifications are made a part of this contract as if written herein at length. The **Firefighters Turnout Gear** shall be delivered F.O.B., Rapid City Department of Fire & Emergency Services, 10 Main Street, Rapid City, South Dakota, 57701, within _____ calendar days (to be filled in by Bidder) after date of awarding contract.

The Bidder further agrees and states that he has read the notice calling for bids and has studied the detailed specifications and that he is familiar with the terms and conditions stipulated therein and agrees to enter into attached Contract.

NAME OF COMPANY - BIDDER

AUTHORIZED SIGNATURE

Print Name & Title

Address

Date

BIDDER MUST FILL IN ALL SPACES PROVIDED ABOVE

**CONTRACT
SUPPLIES AND EQUIPMENT
BETWEEN
SUPPLIER AND CITY OF RAPID CITY**

THIS AGREEMENT, made the _____ day of _____, 20____, by and between _____ hereinafter "Supplier," and the City of Rapid City, South Dakota, hereinafter "City," WITNESSETH:

That the Supplier and the City, for the consideration named, agree as follows:

ARTICLE 1. SCOPE OF WORK

The Supplier shall furnish all of the materials, labor and perform all of the work as described in the specifications for Supplies and Equipment entitled prepared by the Department of Fire & Emergency Services, Rapid City, South Dakota, and shall do everything required by this Contract, General Conditions, Special Conditions, and Detailed Specifications, which are hereby made a part of this Contract, including the following Addenda.

Addendum No.

Dated

ARTICLE 2. TIME OF COMPLETION

The furnishing or ordering of materials, supplies, and equipment under this Contract shall be commenced as soon as possible within the time stated in the specifications unless the specifications expressly provide for a one time delivery, it is agreed that the City may place orders under this Contract at any time or times within the Contract period. Failure to meet the terms of the Contract on or before the completion date shall be deemed a breach of this Contract. Request for time extensions shall be made in writing to the RAPID CITY DEPARTMENT OF FIRE & EMERGENCY SERVICES at least fourteen (14) days before the Contract completion date. The City through the Department of Fire & Emergency Services will issue all time extensions.

ARTICLE 3. THE CONTRACT SUM

The City shall pay the Supplier for the performance of the Contract, subject to additions and deductions provided therein, in current funds as follows:

_____ Dollars (\$ _____)

ARTICLE 4. ACCEPTANCE AND FINAL PAYMENT

Upon delivery of any items under this Contract, the Individual or Department specified in Article 2 for making time extensions, shall satisfy himself by examination that the furnishing of supplies and equipment has been finally and fully completed in accordance with the Specifications and Contract, and shall make up the appropriate purchase order. The Supplier must complete and return a proper City voucher and payment will be made on said voucher as soon as possible after approval by the Common Council.

CONTRACT

ARTICLE 5. THE CONTRACT DOCUMENTS

The Notice for Bids, General Conditions, Special Conditions, Addendum, Specifications, and the Bidder's Proposal together with this Agreement, form the Contract, and all are as fully a part of the Contract as if herein set forth at length.

The Supplier further agrees and states that he has read the advertisement calling for bids and has studied the detailed specifications and that he is familiar with the terms and conditions stipulated therein.

IN WITNESS WHEREOF: The City of Rapid, South Dakota, its Council having duly approved this Contract, has caused this Contract to be executed in its behalf by its Mayor, hereunto duly authorized, attested thereto by its Finance Officer, and has hereto attached its corporate seal this _____ day of _____, 20_____.

THE CITY OF RAPID CITY, SOUTH DAKOTA

ATTEST:

by _____
Jim Shaw, MAYOR

Jim Preston
City Finance Officer

Date _____

(SEAL)

NAME OF COMPANY

by _____
AUTHORIZED SIGNATURE

Print Name & Title

Address

Date _____

Specifications for Structural Firefighting Gloves for the Rapid City
Department of Fire and Emergency Services

Item #5

BIDDER
COMPLIES

YES NO

SCOPE: The purpose of this specification is to identify protective clothing needed to provide protection during structural fire fighting operations where there is a threat of fire or when certain physical hazards are likely to be encountered, such as during non-fire-related rescue operations, emergency medical operations, and victim extrication.

All gloves proposed shall meet or exceed the criteria set forth in the current edition of **NFPA 1971, "Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting."**

These specifications will be for approximately 102 pairs of Structural Firefighting gloves

Specifications:

The protective gloves shall be configured a joined multiple layers. The layers of the gloves shall be such that the layers will not reduce the sizing of the gloves in any way.

Gloves shall be abrasion resistant and insulated enough to protect from most thermal burns.

Gloves shall be of short cuff gauntlet design, and have a combination of cloth and leather exterior. The palm shall have layers of goat skin suede, Kevlar & Nomex, a waterproof membrane, and a fused polyester mesh interior. The back shall have a Kevlar knit and knuckle guard, Nomex, waterproof membrane, and fused polyester mesh interior.

Gloves shall be available in sizes XS, S, M, L, XL, XXL, XXXL, & XXXXL.

All components of the gloves shall not melt, separate, ignite, or shrink more than 8 percent in length or width, shall be donnable, and shall be flexible.

All thread utilized in the construction of the gloves shall be tested for melting resistance, and shall not melt at or below 500 degrees F.

Gloves shall be tested for ease donning. The donning time for a dry hand shall not exceed 10 seconds, and shall not exceed 15 seconds for a wet hand.

There shall be no detachment of the inner liner or of the moisture barrier, and shall allow full insertion of all digits.

NOTE:

Proposals for gloves of different materials and construction features will be accepted as long as they are listed separately on the bid document, and detailed individually in the proposal, i.e., Item 5A, 5B, 5C, etc. Sample gloves may be requested to aid in making the final determination.