

**REQUEST FOR QUOTATIONS**

**QUOTATION NO: 334/2013**

**SPECIFICATION FOR: SUPPLY AND DELIVERY OF UNIFORM**

**QUOTATIONS ARE INVITED FROM EXPERIENCED UNIFORM SUPPLIERS**

**UNIFORM SPECIFICATIONS**

In order to ensure the best possible protection for fire-fighters; the Makana Fire Services has adopted the NFPA 1975 standard on Station/Work Uniforms and the NFPA 1971 standard on Protective Ensembles for Structural Fire Fighting for the Fire & Emergency Services as best practice. The adoption of the NFPA 1975 and 1971 Standard is in line with the intents of the Occupational Health & Safety Act, Act 85 of 1993 and this is considered non-negotiable in terms of achieving a standard of reasonable protection for the fire-fighter in terms of personal protection whether in bunker gear or not. Gear that requires NFPA certification or equivalent will be indicated.

It is expected that prospective suppliers must ensure that full account of adherence to the relevant SANS Textile Standards is maintained and proven upon request from Makana Fire Services.

**T- shirts:**

- ▣ Navy blue or White rib knit crew neck with hemmed short sleeves
- ▣ Fabric Composition: 100% Colourfast Cotton with a mass/unit area of 190g/m<sup>2</sup>
- ▣ Full athletic cut with extra-long body length
- ▣ Printing: Makana Fire Services insignia screened printed on left breast and "FIRE DEPT." in two lines with capital lettering on upper back of shirt in white screen printed 50 mm high on Navy T-Shirt and Navy screen printed on White T-Shirt.

**Operational baseball caps:**

- ▣ Navy blue and black
- ▣ 6-Panel Americano baseball cap
- ▣ Fabric Composition: 100% acrylic
- ▣ Colour fast
- ▣ Fire Services Maltese Cross logo to be embroidered on face of crown centre above peak
- ▣ FIRE SERVICES" – capital lettering to be embroidered in white thread on right hand panel

**Socks:**

- ▣ Black
- ▣ Cotton
- ▣ All sizes
- ▣ Full length
- ▣ *Bio-Guard* protected or equivalent

**Trousers:**

- ▣ Navy blue Combat Style
- ▣ Fabric Composition: Colour fast 100% cotton with a mass/unit area of 270g/m<sup>2</sup>
- ▣ Two expanding thigh pockets with velcroed flaps and 3M 50 mm lime and silver fire resistant reflective tape
- ▣ Two slanted side pockets
- ▣ Steel hook and bar waist closure
- ▣ Heavy duty metal zipper
- ▣ No roll rubberised waistband

- ▣ Crease stitch front on centre line
- ▣ One back to button pocket
- ▣ Reinforced stitching throughout
- ▣ Seven belt loops to accommodate 50mm Fire Services leather belt
- ▣ Bar tacking on all stress point
- ▣ Chain stitch on back seat
- ▣ Plain bottoms

#### **Leather belts:**

- ▣ 50mm leather belt in width and have brass emergency buckle with side loop to accommodate belt tail 13

#### **Shirts:**

- ▣ Navy blue, extra body length Combat style
- ▣ Fabric Composition: Colour fast 100% cotton with a mass/unit area of 270g/m<sup>2</sup>
- ▣ Short sleeved
- ▣ Glad neck collar
- ▣ Two breast pockets with velcroed flaps with decorative buttons.
- ▣ Left pocket flap has slot for pencil/pen.
- ▣ Makana Fire Services insignia (i.e. logo and "MAKANA FIRE SERVICES" capital lettering in white thread) embroidered on the left pocket
- ▣ Epaulettes to button for slider ranks to be stitched on top of shoulders in centre of shoulder line.

#### **Structural Fire Fighting Boots:**

- ▣ Certified and complies with NFPA 1971 standard or equivalent EN 33 standard
- ▣ Similar to *Haix* fire boots or equivalent
- ▣ Black full grain leather boot is equipped with a climate system which makes a circulation of air possible during every step
- ▣ The waterproofing has to be assured with a membrane
- ▣ At the upper leg height edge there has to be an ending made of a padded broad leather cuff
- ▣ The slip-in boot has to be equipped with a system that offers a very good heel adaptation of the boot to different instep heights and widths. In the instep area of the inner lining, the boot has to have an elastic insert which stretches when stepping into the boot and therefore enables the foot to get in. When the foot is in the boot, this elastic insert has to encompass the foot tightly in the instep area and to push it against the rear cap. During walking, a tight heel fit has to be guaranteed.
- ▣ The heel may not (or only at a minimum) move up and down inside the boot ("slipping" in the boot)
- ▣ The toe cap is equipped with a rubber cap
- ▣ The penetration resistant sole is an antistatic, fuel, acid and oil resistant rubber sole. The tread has to be non-skid in every direction
- ▣ 3M® Side fire-resistant reflectors

#### **Structural Fire Fighting Tunics and Bunkers:**

- ▣ Navy blue
- ▣ The Tunic and Bunkers (Suit) shall meet or exceed all relevant standards as set in the NFPA 1971 Standard on Protective Ensemble for Structural Fire Fighting
- ▣ The minimum overlap between the tunic and bunkers shall be 250 mm
- ▣ The Tunic and Bunkers (Suit) shall consist of a composite of an outer shell, vapour barrier, thermal barrier and lining.
- ▣ The vapour barrier, thermal barrier and lining shall form the inner shell and shall be detachable from the outer shell
- ▣ Outer Material (Shell): Kanox K-HM02RP or equivalent. Material to be in Rip-stop weave or equivalent. The garments shall comply with the NFPA 1971 standards for seam strength, high visibility, hardware and label legibility. Only yarns guaranteed by the manufacturer to 260° C and SABS /NFPA shall be used. Yarns to be of same colour as outer material. All raw edges and seams shall be over locked by using at least five (5) strands of yarn. Seam strength to be at least 200 N.

▯ Moisture Barrier: Stedair-3000 or equivalent. The fabric shall comply with NFPA 1971 approval for flame resistance, heat resistance, water resistance, liquid resistance, viral resistance (Bacteriophage) and strength. Resistance to penetration by fire ground chemicals.

▯ Thermal barrier and Lining: K- Gornox # 100% face cloth/ quilted or equivalent. The fabric shall comply with NFPA 1971 approval for: flame resistance, heat resistance, thermal resistance, cleaning shrinkage and strength

### **Requirements for Tunics:**

- ▯ The outer shell shall be of a single layer construction throughout.
- ▯ All seams shall be double stitched
- ▯ The coat shall have a double closure front with 50mm Velcro and a heavy duty zip.
- ▯ There shall be no seams on the shoulders.
- ▯ Sleeves shall be constructed in such a way as afford maximum movement. The sleeve cuffs shall be reinforced.
- ▯ Elbow padding is required. The padding shall consist of double layer of Garment outershell with a internal thermal layer material sandwiched between the shell. The padding shall be stitched onto the outer shell using double stitching.
- ▯ The vapour barrier, thermal barrier and lining together shall form the inner garment.
- ▯ The inner jacket shall be attached to the outer jacket by means of a heavy-duty zip and Velcro with snaps at the arms.
- ▯ The inner jacket shall be equipped with wristlets and thumb loops in accordance with the NFPA 1971 standards.
- ▯ The jacket shall include inverted pleats. The two pleats shall be set in the back of the outer shell
- ▯ The tunic must be available in bunny jacket style
- ▯ Pockets: Two (2) pleated waterproof side pockets shall be fitted to the tunic. The size of these pockets shall be 275 mm x 225 mm with a 75 mm pocket-flap held down by two (2) Velcro squares. Pockets on bunny jacket style to be 220 x 180 mm. A radio pocket shall be fitted onto the left chest. The pocket shall be so positioned not to hinder the Breathing Apparatus shoulder straps. The pocket shall feature a pocket flap with an insertion for the antenna. The pocket flap shall be closed with a Velcro square. All pockets shall be of the same material as the outer shell. A pocket shall be placed on each side on the inside of the inner shell. These pockets shall be constructed of the same material as the inner shell.
- ▯ Collar: The collar shall be of a double layer of the same material as the outer shell and shall have a layer of the quilted thermal barrier in the middle thereof.
- ▯ A storm-flap constructed the same as the collar shall be fitted in such a way as to ensure #Dry Suit#. The area over the chin shall have a layer of Nomex Knit.

### **Requirements for Bunker Trousers:**

- ▯ The trouser shall be shaped in such a way that it will provide a tailored fit
- ▯ The trousers shall extend no less than 150 mm above the waist
- ▯ Super heavy-duty suspenders shall be permanently fitted to the trousers. A mechanism to prevent the straps from sliding from the shoulders shall be incorporated into the suspenders. The main body of the suspenders shall be constructed of non-elastic webbing. The suspenders shall be no less than 50 mm wide. The suspenders shall be equipped with two non-slip thermoplastic slide fasteners for adjustment. On the back 50 mm wide elastic webbing shall be stitched to the non-elastic webbing. The left and right suspender belt shall be connected with 50 mm elastic webbing at the back.
- ▯ Provision shall be made for a fly flap in the trousers. This fly flap shall be fastened with Velcro along the entire length. The fly flap shall taper from top to bottom
- ▯ The cuff area of the trousers shall be reinforced
- ▯ The leg ends shall be wide enough to fit over the bunker boots. The bottom leg seam of the inner shell shall be fitted with an elastic band
- ▯ The knee area shall be reinforced with polymer coated Kevlar squares or equivalent.

### **Reflective Trim and marking**

- ▯ Retro-reflective fluorescent trims in accordance with the NFPA 1971 shall be fitted to the suit.
- ▯ All trims shall be 3M type
- ▯ The trims shall be 50 mm wide throughout
- ▯ All trims shall be double stitched
- ▯ The colour of the trims shall be lime-yellow with a silver strip in the centre
- ▯ The trims shall be positioned as specified
- ▯ – 70 mm bold capital lettering embroidered on back of Tunic.

**Flashhoods:**

- ▣ 100% Nomex or equivalent
- ▣ Full shoulder cape
- ▣ Minimum 220 grams and 2 ply.

**Structural Fire Fighting Helmets:**

- ▣ White for (SC,CFO) and Yellow for (FF, S/FF, PO) Legacy *Structural Thermoplastic Fire Helmet* type or equivalent
- ▣ High-temperature foam cap increases thermal and impact protection
- ▣ Non-corroding, high-temperature glass-filled 4" APEC faceshield- with spring loaded Safety set brackets or thumbwheel/ alternatively - goggle
- ▣ Rugged, high-temperature edge trim will not melt or drip
- ▣ Through-color, high temperature plastic resists cracking and chipping
- ▣ Soft black Nomex chinstrap features one-hand quick-release buckle and postman slide for quick removal and adjustment
- ▣ Nomex or Kevlar earlap for increased neck/ear coverage and protection
- ▣ Three-position rear ratchet height adjust for a secure and comfortable fit
- ▣ SCBA interface front headband adjustment matches the fit of any SCBA mask
- ▣ Removable flannel or leather cushion liners
- ▣ 5-year shell replacement warranty.

**Safety goggles:**

- ▣ Dual vented with anti-fog, which does interfere with wearing of a helmet.
- ▣ 100% UVA/UVB protection, Must comply with 350°F 5-minute oven test.
- ▣ Polycarbonate shatter proof resistant lenses that is 35 times stronger than glass
- ▣ Scratch-resistant coating is built in to every lens. Compliant ANSI z87.1+, U.S. federal OSHA, CE EN 166

**Shirts – summer:**

- ▣ White Military style with extra body length
- ▣ Fabric Composition: 65% polyester/35% cotton with a mass/unit area of 170g/m<sup>2</sup>
- ▣ Short sleeved with crease stitching
- ▣ Glad neck collar
- ▣ Two breast pockets with velcroed flaps with decorative buttons, Left pocket flap has slot for pencil/pen.
- ▣ Makana Fire Services insignia (i.e. logo and "FIRE DEPT" in capital lettering with black thread) embroidered on the left pocket
- ▣ Epaulettes to button for slider ranks to be stitched on top of shoulders in centre of shoulder line.

**Step out trouser:**

- ▣ Fabric Composition: 55% Trevira/45% Wool
- ▣ Black
- ▣ Formal Cut
- ▣ Rubberised shirt stay at waistband
- ▣ Reinforced inside pockets
- ▣ Red trouser braid along sides from hem to waist
- ▣ Seven belt loop to accommodate 50mm fire service leather belt
- ▣ Two side pockets with buttoned back pocket
- ▣ Military crease down front and back
- ▣ Straight cut hemmed.

**Chief Fire Officer Uniform caps:**

- Magnum cap with cloth-covered peak
- Gold Fire Service buttons holding chin strap.
- Metal Fire Service crossed axes on front

- Red piping below crown
- Gold chin straps for CFO
- CFO gold wire embroidery on peak.

### **Step out uniform**

Single breasted jacket:

- Fabric Composition: 55% Trevira/45% Wool
- Black single breast 4 button jacket with collar lapels tailored to fit
- Twill lining
- Two pleated pockets on chest with closed flaps fastened by smaller type gold fire service buttons
- Gold Fire Service buttons fasteners
- Red Piping on cuffs
- Red corded edging on epaulettes to gold fire service button for slider ranks to be stitched on top of shoulders in centre of shoulder line
- Two inner pockets on each side
- Durable, wrinkle resistant and Teflon® treated for stain resistance and water repellence.

### **The following conditions will apply:**

- **IT IS COMPULSORY FOR SERVICE PROVIDERS TO INCLUDE AT LEAST TWO CONTACTABLE REFERENCES AND PREVIOUS WORK EXPERIENCE**
- **THE RECOMMENDED SERVICE PROVIDER WILL HAVE TO PROVIDE SAMPLES OF THE ITEMS TO BE PROVIDED PRIOR TO APPOINTMENT**
- Must be registered on the Municipal Suppliers Database;
- Price must be VAT inclusive (for all registered vendors);
- The Municipality is not obliged to accept the lowest or any quotation;
- A firm delivery period must be indicated;
- All quotations will be adjudicated in terms of council's Supply Chain Management Policy;
- The following documentation must be submitted with your quote in order to be considered, failing which will lead to disqualification:
  - a) An original valid SARS Tax Clearance Certificate
  - b) A valid Billing Clearance Certificate from your Local Municipality
  - c) Copy/ies of the Company registration e.g. CK1, CK2, Trust documents, sole provider etc.
  - d) An original certified copy of the B-BBEE certificate
  - e) Completed MBD 4 form (Declaration of Interest)
  - f) Completed MBD 9 form (Certificate of Independent Bid Determination)
- Please ensure that all returnable documentation are numbered (e.g. page 1 of 5 etc.) and binded in 1 (one ) document ;
- The quotations must be submitted on the Letterhead of your business.
- Please ensure that the returnable documentation is placed in a sealed envelope clearly indicating the **RFQ Number & DESCRIPTION** on the envelope;
- **THE QUOTATION BOX IS LOCATED UPSTAIRS SITUATED IN THE FINANCE DIRECTORATE, 86 HIGH STREET, GRAHAMSTOWN, (DURING NORMAL OFFICE HOURS).**
- Quotes that are late will not be accepted. Quotations per fax or E-mail will also not be considered.
- The evaluation criteria is 80:20

**NB: BIDDERS WHO ARE IN THE SERVICE OF THE STATE WILL NOT BE CONSIDERED.**

For further enquiries contact Mr W Welkom

Phone 046 603 6048, or the Acting SCM Manager 046 603 6022.

Closing Date: 21 January 2014

Closing Time: 12H00

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**M PLANGA**  
**ACTING MUNICIPAL MANAGER**