



a world class African city

**REQUEST FOR QUOTATION INVITATION FOR GOODS AND/ OR SERVICES**

**Procurement Less than R 200 000 (Including Vat)**

**(For publication on the City of Johannesburg Notice Board/s & Website)**

ADVERTISEMENT DATE	<b>10 FEBRUARY 2010</b>
DEPARTMENT	<b>EMERGENCY MANAGEMENT SERVICES</b>
RFQ NUMBER:	<b>R616/10</b>
DESCRIPTION OF GOODS/SERVICES	SUPPLY AND RENDERING OF THE BULLEX I.T.S. EXTREME LIVE FIRE EXTINGUISHER SYSTEM.
RFQ SPECIFICATION FORMS/ DOCUMENTS ARE OBTAINABLE FROM:	THE SPECIFICATION IS ALSO AVAILABLE IN THE COJ WEBSITE – <a href="http://WWW.JOBURG.ORG.ZA/QUOTATIONS">WWW.JOBURG.ORG.ZA/QUOTATIONS</a> OR AT OUR OFFICES ON THE 15 <sup>TH</sup> FLOOR, A BLOCK, METROPOLITAN BUILDING, 158 LOVEDAY STREET, BRAAMFONTEIN
CLOSING DATE: TIME:	17 FEBRUARY 2010 10H30
COMPULSORY REQUIREMENTS	1. MBD FORMS MUST BE ATTACHED TO THE PROPOSAL
SITE MEETING Time Date Venue	N/A
ENQUIRIES:	Nico Mahlanya (011) 837 3099 Cell: 083 383 8787
SUBMISSION:	Sealed quotation marked with the reference no: must be placed in the <u>Quotation Box</u> at the main entrance ground floor, main administration building, Metropolitan Center 158 Loveday street, Braamfontein. <u>The City does not take responsibility for any quotations submitted to the wrong box.</u>

**The City of Johannesburg requests your quotation on the goods and/or services listed hereunder and/or on the available RFQ forms. Please furnish all information as requested and return your quotation on the date stipulated. Late and incomplete / missing documentations will invalidate the quotation submitted. Suppliers which are not registered on the City's Supplier database will not be considered. The City is not obliged to accept the lowest or any submission received. The City reserves the rights to accept the whole or any portion of a quotation.**

**This RFQ will be evaluated on the basis of the 80:20 point system as stipulated in the Preferential Procurement Policy Framework Act (Act number 5 of 2000) & the City's Procurement Policies and Procedures.**



a world class African city

City of Johannesburg  
Supply Chain Management Unit

**SUPPLY CHAIN MANAGEMENT UNIT**  
P.O. BOX 7776  
JOHANNESBURG  
2000

VAT. NO: 4760117194

**BIDDER:** \_\_\_\_\_

**TEL:** \_\_\_\_\_

**FAX:** \_\_\_\_\_

**Your Vendor Number With Us:**

\_\_\_\_\_

REQUEST FOR QUOTATION	
RFQ NUMBER	RFQ DATE
	10 /02/2010
CONTACT PERSON	
<b>NAME:</b>	Nico Mahlanya
<b>TEL No:</b>	(011) 837 3099 Cell: 083 383 8787

**Submission Deadline:**

17 FEBRUARY 2010

**Submission Time:**

10H30

**RFQ Validity:**

30 Days (commencing from the RFQ closing date)

**OFFICE USE ONLY:**  
**PRICE/S TO BE VAT EXCLUSIVE**

RFQ's above R30 000-00 will be evaluated on the basis of the 80:20 point system as stipulated in the Preferential Procurement Policy Framework Act (Act number 5 of 2000).

Points will be allocated as follows:

**Points for preferences: (maximum 20 points)**

1.	HDI (Historically Disadvantaged Individual) Equity ownership	10	Points
2.	SMME (Small, Medium & Micro Enterprise) Status	4	Points
3.	Woman Equity	4	Points
4.	Disabled	1	Points
5.	Other: Johannesburg Based Company	1	Points

**FORMS TO COMPLETE FOR CLAIMING POINTS**

MDB 6.1, MDB 4  
MDB 6.3  
MDB 6.1  
MDB 6.1  
MDB 6.11

**Points for price:**

80 points for price and functionality see attached spec

**CONDITIONS:**

- All goods or services purchased will be subject to CoJ Policies & Procedures. A copy of said conditions is available from the SCMU office.
- It is the responsibility of the bidder to ensure that the relevant office/institution is in possession of a valid Tax Clearance Certificate. The onus therefore rests on the bidder to ensure that the relevant office/institution receives a valid Tax Certificate as soon as the validity of the said certificate expires. Where the relevant office/institution does not have a valid Tax Clearance Certificate, an Original Tax Clearance Certificate must be submitted with this RFQ. Failure to do so may invalidate the bid submitted in terms of the RFQ.
- All purchases will be made through an official order form. Therefore no goods must be delivered or services rendered before an official order has been received.
- To participate in the City's Quotation procurement of goods and/or services, vendors are advised to register on the City's Supplier Database. Supplier registration forms are available from the Supply Chain Management Unit.
- I certify that the information supplied is correct and I have read and understood the COJ General Conditions and Policies and Procedures and accept it.
- I further certify that all the required information has been furnished and the relevant forms completed and are herewith submitted as part of the bid.

**SIGNATURE OF BIDDER:** \_\_\_\_\_

**CAPACITY:** \_\_\_\_\_





a world class African city

## SPECIFICATION

SUPPLY AND RENDERING OF THE BULLEX I.T.S. EXTREME LIVE FIRE  
EXTINGUISHER SYSTEM.

### SPECIFICATIONS:

#### BASE UNIT

The system must operate with LPG to generate original larger flames, have a flare-up button to further challenge trainees and must be prop-enabled for use with BullEx® Class A, B and C props.

The unit shall be constructed of rugged, non-corrosive stainless steel.

#### Physical Specifications:

Overall base unit dimensions: 28 3/4" x 18" x 13"

Base Unit: Stainless Steel

Burner: Stainless Steel

Base Unit Weight: 32 lbs.

#### TRANSPORT CASE

The industrial grade, high impact plastic case must be provided to be used to quickly and easily transport the unit to and from various sites to conduct training. Includes a retractable pull handle and built-in wheels. Locking latches must be fitted to provide safe and secure storage of the system when not in use.

TRANSPORTS Base Unit, handheld controller and cable, power cable, LPG supply kit and recharge accessories.

## HANDHELD CONTROLLER & CONTROLLER CABLE

To be used to start and stop training evolutions, select class of fire to simulate and change fire difficulty settings. It must include an LCD display that shows the status of the system and displays the trainee's score. Connects to the unit via a cable with locking connectors.

Controller class African city

Connector type: 5-Pin DMX

Cable Type: RS-485

Length: 25'

## PROP ADAPTER PLATE & CLASS A, B AND C PROPS

Provision of the prop adapter plate that enables the user to use any of BullEx's Class A,B or C stainless steel props with the training system including:

- Trash can (Class A),
- Stove top (Class B), and
- Motor (Class C) props
- Paint locker prop shall also be offered as an upgrade.

### PROP ENABLED:

Prop Mount: 28" x 17.5" x 2.5"

Trash Can Prop: 15" x 11" x 12.75"

Stove Prop: 18" x 9" x 7.5"

Motor Prop: 15.5" x 10" x 11"

## I.T.S. XTREME PROP TRANSPORT CASE

Wheeled industrial grade transport case with custom cutouts to hold all three props and prop adapter plate. Locking latches provide safe and secure storage when not in use.

## FOUR 7X SMARTEXTINGUISHERS®

The system shall be provided with Compressed TM: Air/water 40 kHz ultrasonic signal transmitting Rechargeable training extinguishers with pressure gauge and Schrader recharge valve; capable of discharging five/seven times before requiring a water refill. Custom colors and color coding suitable for use on the 3 classes of fire shall be provided. Extinguisher sensing control system: Varies flames automatically based on Smart Extinguisher input Class "A", "B" and "C" fire settings. Difficulty level settings (level 1 - 4)

## RECHARGE ACCESSORIES

Funnel, measuring cup and air chuck are included for recharging the SmartExtinguisher with air/water.

Smart Extinguisher:

Air Pressure Connection: Schrader Valve

Recommended Pressure: 100 psi

Maximum Pressure: 110 psi

Minimum Pressure: 100 psi

Fill Volume as a Fraction liter, 5X - 4 liters, 7X - 6 liters

Volume/Trainee: 3X - 0.32 liters, 5X - 0.80 liters, 7X - 0.85 liters

## TWO INDUSTRIAL GRADE EXTINGUISHER CARRYING CASES

Foam-lined industrial grade carrying case for two extinguishers

(any combination of 5X or 7X Smart Extinguishers). Locking latches provide safe and secure storage when not in use.

## AIR COMPRESSOR AND AIR REGULATOR KIT

Recharge Smart Extinguishers from an SCBA tank (2,216 or 4,500 PSI) with this premium brass high pressure regulator assembly. Also includes brass fittings and a high quality coiled air hose OR a six gallon air compressor with a maximum of 150 PSI. Ships with premium air hose (50ft.) and brass fitting kit.

## LPG SUPPLY KIT

LPG supply hose with quick disconnect fittings and LPG regulator. Connects directly to a standard 9 kg LPG tank.

### HOSE & REGULATOR:

Type: Low pressure LPG

Length: 10'

Coupling: Self sealing quick disconnect

Regulator Connection: Standard 20lb tank LPG reverse thread

### FUEL:

Type: Liquefied Petroleum Gas

Input: 500,000 Btu/h (146.4kw)

Maximum gas supply pressure: 9 psi (62.1kPa)

Duty Cycle: 50%

**ELECTRICAL:**

Input: 12V AC Current / 6 Amps maximum

1 x DC to AC Converter in case of the input being a DC Current

Receptacle: 12V cigarette lighter plug

Length: 25'

a world class African city

**POWER CABLE**

15.25 metre yellow 12V AC power cable. Plugs into any standard 12V plug.

**Battery Power Pack**

The power pack powers the unit without a vehicle using this portable, rechargeable power pack. Shall be able to provide electrical power for up to 8 hours and can also be used as a 220V adapter.

**SAFETY FEATURES:**

Emergency stop / Deadman switch on handheld controller

Bump/tilt sensor

Auto-ignition pilot

Auto-off after 35 seconds of full flame evolution

Key-code entry at start-up

**ALSO INCLUDES**

Small toolbox with tools required for cleaning and adjusting I.T.S. Xtreme.

LIMITED ONE YEAR WARRANTY

USER MANUAL AND "HOW TO OPERATE" TRAINING CD

The system shall be compatible with and shall operate effectively with electricity voltages and Alternating current in South Africa and should produce the similar quality flames. The use of electricity in SA shall in no way or the other limit the operation or effectiveness and efficiency of the system. The use of South African Alternating electrical current shall in no way course damage to the system and the unit including connections. An Electrical DC-AC converter shall be provided with the system for safety purposes. The cost of any repairs, maintenance, damage or defects to the system and/or unit or equipments or connections arising from the use of electricity in SA shall be the responsibility of the bidder.

The system shall be compatible with and shall operate effectively with Liquefied Petroleum Gas and should produce the similar quality flames to propane. The use of LPG shall in no way or in no case limit the operation or effectiveness and efficiency of the system. The use of LPG shall in no way cause damage to the system and the unit including connections. The cost of any repairs, maintenance, damage or defects to the system and/or unit or equipments or connections arising from the use of LPG shall be the responsibility of the bidder.

Regards

Nico Mahlanya  
Head: Commercial Training  
COJEMS Training Academy  
083 383 8787  
Tel: (011) 837 3099  
Cell: 083 383 8787