



THE CORPORATION OF THE TOWN OF PETROLIA
TENDER

TDR – FD – 01-2019
FOR THE SUPPLY OF TEN (10) FIREFIGHTER SELF CONTAINED
BREATHING APPARATUS (SCBA) UNITS

QUOTES WILL BE RECIVED UP TO: 12:00 PM LOCAL TIME
Thursday, March 14, 2019

RETURN TO: Jay Arns, Fire Chief
Town of Petrolia
411 Greenfield Street
Petrolia, Ontario NON IR0



**THE CORPORATION OF THE TOWN OF PETROLIA
TENDER FOR THE SUPPLY OF TEN (10) FIREFIGHTER SELF CONTAINED
BREATHING APPARATUS (SCBA) UNITS**

The Town of Petrolia is requesting submissions for the supply of ten (10) Firefighter SCBA Assembly.

Submissions will be received until **12:00 pm (local time), Thursday, March 14, 2019** at the Petrolia Municipal Office, 411 Greenfield Street, Petrolia, ON. Tenders shall be enclosed and sealed in an envelope and delivered to:

Town of Petrolia
411 Greenfield Street
Petrolia, ON N0N 1R0

Clearly marked: Firefighter SCBA Tender

Any questions concerning details of the Tender should be directed to:

Jay Arns, Fire Chief
Town of Petrolia
jarns@petrolia.ca
Phone: 519-312-1238



INSTRUCTIONS

The Town of Petrolia, here in after referred to as the Municipality, invites Tender for:

SUPPLY OF TEN (10) FIREFIGHTER SCBA UNITS

Tenders not submitted in strict accordance with these instructions or not complying with the requirements laid down in the documents may be rejected.

1. GENERAL

The purpose of this Tender is to receive pricing from interested suppliers for the supply of the service as detailed in the Tender documents.

The Municipality shall not be liable for any costs of preparation of any part of Tender submissions.

2. TENDER DOCUMENTS

- ☛ Interested suppliers may obtain the tender documents *online* at www.town.petrolia.on.ca
- ☛ The lowest or any Tender will not necessarily be accepted.
- ☛ Facsimile and electronic tender submissions will NOT be accepted.
- ☛ Duration of offer must be a minimum of sixty (60) days.

The closing date for submissions is **12:00 pm local time, Thursday March 14, 2019**
Received at the Town of Petrolia Municipal Office, 411 Greenfield Street, Petrolia.

Closing time will be determined as shown on the clock within the Town Hall office general reception area.

3. DISCREPANCIES OR OMISSIONS

Proponents that find discrepancies or omissions in the specifications or other documents or having any doubts concerning the meaning or intent of any part thereof, should immediately request in written form, either by email or mail, clarification from the Municipality. Upon receipt of the written request for clarification, the Municipality



will send written instructions or explanations to all parties registered as having returned the Acknowledgement Letter. No responsibility will be accepted for oral instructions.

Proponents are responsible to verify that they have received a complete package of quote documents.

Alterations or amendments to any of the tender documents shall only be effective by written notice from the Municipality.

Amendments to the tender documents in the form of an addendum shall become part of the Tender Documents. Proponents shall be responsible to ascertain that they have received all addendums.

4. EXAMINATION OF CONTRACT DOCUMENTS




The Proponent shall be deemed to have satisfied himself as to the sufficiency of the Tender for the product and the prices stated on the Tender Form. These prices shall cover all obligations under the Tender, and all matters necessary for the proper supply of the product and service.

5. PROOF OF ABILITY

The Proponent shall be competent and capable of supplying the product and providing the service. The Municipality may request proof of ability.

6. TENDER SUBMISSIONS

Tender submissions must include, but not limited to the following:

-  Schedule A – Bidder Information
-  Schedule B – Specification Form
-  Schedule C – Form of Tender

Each tender and any attachments must be submitted in a sealed envelope clearly marked:

“Supply of FIREFIGHTER SCBA”

Tender’s submitted by fax or electronically will not be accepted.



Tender's may be rejected for one or more of the following reasons:

- a) arriving after the closing time and date as specified in this document;
- b) received in a form other than the forms supplied;
- c) not completed in ink or by type;
- d) containing any other form of alteration, including but not limited to include; strike-out, white-out, without initials;
- e) not properly signed, witnessed, and/or sealed;
- f) that have not acknowledged addendums (if any);

The Municipality reserves the right to accept any tender or reject any or all tenders and waive formalities as the interests of the Municipality may require.

Tenders shall remain open for acceptance by the Municipality for a period of sixty (60) calendar days after the closing date.

7. WITHDRAWAL OF TENDER

A tender submitted in accordance with the instructions in the tender documents may be withdrawn prior to the date and time of the close of tenders.

Tenders not withdrawn before the date and time of closing shall be irrevocable and remain open for acceptance by the Municipality.

8. NEGOTIATION

The Municipality may award the Tender on the basis of pricing received without discussion.

The Municipality reserves the right to enter into negotiations with the selected proponent(s). If the Municipality cannot negotiate an acceptable agreement with the successful proponent, the Municipality may terminate negotiations and being negotiations with the next selected proponent.

No proponent shall have any rights against the Municipality arising from negotiations.



9. TENDER EVALUATION

The Municipality reserves the right to accept or reject any and all submissions and to waive irregularities and informalities at its discretion. The Municipality reserves the right to accept a tender other than the lowest price submitted without stating reasons.

By the act of submitting its tender, the tenderer waives the right to contest in any proceedings or action the right of the Municipality to award the purchase contract to any proponent in its sole discretion.

THE LOWEST OR ANY TENDER WILL NOT NECESSARILY BE ACCEPTED

The Municipality will evaluate submissions based on the following items:

- Specifications and ability to meet the operational needs of the Town of Petrolia
- Quality
- Timely Delivery Schedule

10. ACCEPTANCE OF TENDER

Acceptance of a submission shall be communicated by written notice from the Clerk's Office to the successful proponent.

Such acceptance shall bind the successful proponent to execute a purchase agreement with the Municipality.

11. INQUIRIES

Direct all inquiries regarding the Tender to the Municipalities contact in the notice page.

12. IDEMNIFICATION AND INSURANCE

The successful proponent will, at all times, indemnify and save harmless the Municipality, their officers, employees and agents from and against all claims, demands, losses, costs, damages, action, suite or other proceedings made, sustained, brought or prosecuted that are based upon, or caused in any way by anything done or omitted to be done by the proponent or any of its officers, directors, employees, or agents in connection with the services performed, purportedly performed or required to be performed by the proponent under this quote and subsequent contractual agreement.



13. MUNICIPAL FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY ACT

In accordance with MFIPPA, this is to advise that any personal information proponents provide is being collected under the authority of the Municipal Act and will be used exclusively in the selection process. All tenders submitted become the property of the Municipality. Proponents are reminded to identify in their submitted material any specific scientific, technical, commercial proprietary, or similar confidential information, the disclosure of which could cause them injury. Complete tenders are not to be identified as confidential. The information contained in this tender document may be utilized by the proponent solely for the purpose of preparing a Tender for submission to the Municipality. Any other use of the information for any other purpose is not authorized by the Municipality.

14. ACCESSIBILITY FOR ONTARIANS WITH DISABILITIES ACT (AODA)

The Municipality will accommodate the needs of all proponents under the Accessibility for Ontarians with Disabilities Act (AODA) throughout all stages of the quotation and selection process.

Please advise the Clerks Department mpearson@petrolia.ca to ensure your accessibility needs are accommodated throughout this process.



SCHEDULE A – BIDDER INFORMATION

Bidders are requested to respond to this Tender as instructed subject to the provisions contained herein.

Name of Bidder: _____

Address: _____

City: _____

Province: _____ Postal Code: _____

Telephone: _____ Fax No: _____

E-mail: _____

Contact Person: _____

Title: _____



SCHEDULE C – FORM OF TENDER

The price shall be in Canadian funds and include duties, royalties, handling, levies, transportation, delivery, payroll preparation, overhead, profit and any & all other charges.

All taxes, if any are to be shown separately.

The Town of Petrolia is part of the Broader Public Service of the Province of Ontario and as such is entitled to the concessions (discounts) as arranged by the Ministry of Government Services.

According to the Tender specifications, pricing is to be submitted to provide for the following: Town of Petrolia, Petrolia, ON and shall be good for the duration of sixty (60) days from date of tender opening:

Please Complete all Boxes

Quoted price shall represent supply of ten (10) SCBA in 2019 and up to ten SCBA in 2020 plus SCBA face piece and two cylinders per SCBA.

DELIVERY DATE TO BE NO LATER THAN 90 DAYS AFTER AWARD OF TENDER for 2019 and no later than March 2020 for remaining tender.

SPECIFICATIONS

BIDDER TO CONFIRM / INDICATE

	Meets	Does not meet	Alternate
The SCBA shall be compliant to the NFPA 1981, 2018 Edition, Standard on Open-Circuit Self-Contained Breathing Apparatus for Emergency Services.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The SCBA shall be compliant to the NFPA 1982, 2018 Edition, Standard on Personal Alert Safety Systems.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All electronic components shall be approved for Intrinsic Safety under UL 913 Class I, Groups C and D, Class II, Groups E, F and G, Hazardous locations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The full facepiece assembly shall fit persons of varying facial shapes and sizes with minimal visual interference.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



The full facepiece assembly shall be available in three sizes marked “S” for small, “M” for Medium and “L” for large.			
In accordance with NIOSH 42 CFR part 84, the facepiece meets penetration and impact requirements, including compliance with ANSI Z87.1 – 2010.			
The lens shall have a coating to resist abrasion and chemical attack and meet the requirements of NFPA-1981, for lens abrasion.			
The assembly shall have a voice amplifier device attached to straps or facepiece			
The SCBA including face piece shall be approved to NIOSH 42 CFR #84 for chemical, biological, radioactive and nuclear protection			
The head harness shall be available in a five-strap and four-strap configuration.			
The head harness shall be constructed of a para-aramid material for fire, first responder and CBRN applications.			
The breathing regulator shall maintain positive pressure during flows of up to 500 standard liters per minute.			
The regulator shall also meet or exceed a dynamic flow requirement of remaining positive while supplying a minute volume of 160 liters.			
The breathing regulator shall have attached a low pressure hose which shall be threaded through the left shoulder strap to couple to the pressure-reducing regulator mounted on the backframe.			
The breathing regulator shall have a demand valve to deliver air to the user, activated by a diaphragm responsive to respiration.			
A purge valve shall be situated at the inlet of the breathing regulator and shall be capable of delivering airflow of between 125 and 225 standard liters per minute.			
The SCBA shall have two end-of-service time indicators (EOSTI). A tactile alarm and a Heads-Up Display (HUD).			
The primary EOSTI shall be the integral low-pressure alarm device that shall combine an audible alarm with simultaneous vibration of the facepiece			
The primary EOSTI shall be located in the Facepiece-Mounted Positive Pressure Regulator. This alarm device shall indicate either low cylinder pressure (33% +5%, -0%) or a malfunction of the primary pressure-reducing valve (first stage regulator).			
The HUD shall serve as the secondary EOSTI.			
The HUD shall be powered by the SCBA’s single power supply.			
It shall display cylinder pressure in increments of 100%, 75%, 50% and 33%.			
At full cylinder pressure, two green Light Emitting Diodes (LED) shall be illuminated.			
At three-quarter cylinder pressure, one green LED shall be illuminated.			
At one-half cylinder pressure, one “yellow” LED shall be illuminated and flash at a rate not to exceed one (1x) time per second.			
At one-third cylinder pressure, one “red” LED shall be illuminated and flash at a rate not to exceed ten (10x) times per second.			
The backframe shall include a shroud to streamline hose and wire management by minimizing exposure of the low pressure hose and electronics molded cable.			
The backframe shall include an over-the-center, adjustable tri-slide fixture, a para-aramid strap and a double-locking latch assembly to secure 30, 45, 60, or 75 minute cylinders.			
The harness assembly shall include a waist pad and shoulder pads constructed of an outer shell material and incorporating a closed-cell foam design to minimize water			



absorption.			
The harness assembly shall include a seat-belt type waist belt attachment.			
The harness assembly shall be machine washable to help reduce contamination.			
The waist pad shall be attached to the backframe such that movement by the wearer provides natural articulation. Articulation shall be accomplished without the use of mechanical devices.			
The waist pad and belt shall freely wrap around and conform to the wearers' hips.			
The shoulder harness shall be fitted with a Drag Rescue Loop (DRL) capable of being deployed in an emergency situation to drag a downed firefighter to safety.			
The shoulder harness shall be attached to the backframe such that the harness presents itself for ease of donning.			
The RIC/UAC shall be an integral part of the pressure reducer and protected by the backframe.			
The RIC/UAC inlet connection shall be within 4" (4-inches) of the tip of the CGA threads of the cylinder valve.			
The RIC/UAC shall consist of a connection for attaching a high- pressure air source and a self-resetting relief valve allowing a higher pressure than that of the SCBA to be attached to the SCBA.			
The RIC/UAC shall have a check valve to prevent the loss of air when the high-pressure air source has been disconnected.			
The cylinder threads shall be straight with an O-ring or quad-ring gasket type seal.			
The cylinder valve shall be a "fail open" type, constructed of forged aluminum and designed such that no stem packing or packing gland nuts are required.			
Equipped with a CGA cylinder connection, the cylinder valve outlet shall be a modification of the Compressed Gas Association (CGA) standard threaded connection number 346 for breathing air for 2216 and CGA 347 for 4500 and 5500 systems.			
Each cylinder valve shall consist of the following: 1) a hand activated valve mechanism with a spring-loaded, positive action, ratchet type safety lock and lock-out release for selecting "lock open service" or "non-lock open service"; 2) an upstream connected frangible disc safety relief device; 3) a dual reading pressure gauge indicating cylinder pressure at all times; 4) an elastomeric bumper; 5) an angled outlet.			
The cylinder valve shall have an RFID tag molded into the elastomeric bumper with a universal RFID marking embossment.			
The SCBA shall maintain all NIOSH and NFPA standards with any of the following types of cylinders listed as provided by the SCBA manufacturer.			
The cylinder shall be manufactured in accordance with DOT specifications and meet the Transport Canada requirements with working pressures of 2216, 4500, or 5500 psig.			
The cylinder shall be lightweight, composite type cylinder consisting of an aluminum alloy inner shell, with a total overwrap of carbon fiber, fiberglass and an epoxy resin.			
The cylinder shall be available in a 30-minute, 45-minute, 60- minute or 75 minute duration based on the NIOSH breathing rate of 40 liters per minute (lpm).			
The cylinder shall be available in an approved 30-year life design as defined by the DOT Special Permit 14232.			
The warranty shall be for a period of 10 years on the SCBA, except for the pressure reducer, which shall be covered for 15 years.			
This warranty shall not have any exclusions other than consumables and carrying cases.			
The PASS Device shall be compliant to the NFPA 1982, 2018 Edition Standard on Personal Alert Safety Systems.			



Operation of this distress alarm shall be initiated with the opening of the valve of an SCBA charged cylinder.			
The system shall feature a “hands-free” re-set capability that may be activated by means of a slight movement of the SCBA when the system is in a pre-alarm mode.			
The battery life of the SCBA with PASS only shall be no less than 200 hours			
The system shall have a battery check function that provides an LED indication of battery status while the SCBA is not pressurized			
The PASS device shall contain two components: a Console and a Sensor Module.			
When the PASS device goes into pre-alarm, the user shall be notified through a distinct light pattern in the regulator-mounted HUD display			
The console shall be located on the user’s right shoulder harness.			
The console shall contain an integral edge lit mechanical pressure gauge that is automatically turned on by opening the cylinder valve.			
The console shall display to the user the following: Pre-Alarm: alternating red flashing LED’s; Full Alarm: dual flashing red LED’s and a flashing PASS icon; Low Battery: red flashing LED’s; Normal System Operation: flashing green LED.			
The console shall contain a photo sensing diode to dim and brighten the HUD as the ambient lighting changes.			
A red color-coded push button shall permit manual activation of the full alarm mode.			
A yellow color-coded push button shall permit system re-set.			
The console shall be equipped with a LED “External HUD” allowing others to determine the wearer’s cylinder pressure through the same color-code scheme as the regulator-mounted HUD.			
A green LED shall be illuminated across the gauge face to indicate a cylinder with greater than half cylinder pressure.			
A yellow LED shall be illuminated across the gauge face to indicate a cylinder with less than half cylinder pressure.			
A red LED shall be illuminated across the gauge face to indicate a cylinder with less than one-third cylinder pressure.			
SCBA must provide for secondary breathing system through attached device or through use of extension hose 36”			
SCBA shall have voice amplification capabilities in face piece or on shoulder strap.			

Cost per complete SCBA Unit (backpack, face piece, two cylinders)	\$
x 10 units	\$
HST	\$
TOTAL for all units	\$



WARRANTY

- Please provide details of Written Warranty and any Maintenance Programs

DELIVERY

- Units to be delivered to 370 Centre Street, Petrolia.

I(We) _____

have carefully examined all Contract Documents relating thereto, including, without limitation, and agree thereto and to all of the terms, covenants, and provisions thereof.

THE PROPOSED PRICE IS SET OUT IN THE QUANTITY AND PRICE SCHEDULE ON SUBSEQUENT PAGES.

The Tenderer declares that the Tender price includes H.S.T. and Delivery.

The Tenderer agrees, if this Tender is accepted, to execute and deliver a formal contract and to supply any additional materials and equipment and **to execute any additional work or to delete any work** as may be required in accordance with the provisions of the Contract Documents and that the prices applicable to additions to the work, or deletions therefrom shall be determined in accordance with the Contract Documents.

"LOWEST OR ANY TENDER NOT NECESSARILY ACCEPTED"

The Tenderer hereby represents, warrants and covenants to and with The Town of Petrolia as follows:

1. That no person, firm, or corporation other than the Tenderer has any interest in this Tender or in the proposed Contract for which the Tender is made.
2. That this Tender is made without any connection, comparison of figures, or arrangement with, or knowledge of, any other person, firm or corporation, making a Tender for the same work and in all respects this Tender is fair and submitted without collusion or fraud.



3. That no member or employee of the Town is or will become interested, directly or indirectly, as a contracting party, partner, shareholder, surety or otherwise in the performance of the Contract, or in the supplies, work or business to which it relates, or in any portion of the profits thereof, or in any of the monies to be derived therefrom.



"WITNESS OUR HANDS AND SEALS"

TO BE USED BY INDIVIDUAL PARTNERS OR UNINCORPORATED COMPANIES

TENDERER'S SIGNATURE _____

NAME OF COMPANY _____

ADDRESS _____

DATE _____

SEAL _____

TO BE USED BY LIMITED COMPANY ONLY

NAME OF COMPANY: _____

SIGNATURE OF AUTHORIZED SIGNING OFFICER: _____

ADDRESS _____

DATE _____

SEAL _____

NOTE:

If the Tender is submitted by or on behalf of a Corporation, it must be signed in the name of such Corporation by the duly authorized officers and the seal of the Corporation must be affixed. If the Tender is submitted by or on behalf of an individual or a partnership, a seal must be affixed opposite the signature of the individual or the partner.



General Conditions

The purpose of this bid specification is to establish the minimum requirements for an open-circuit self-contained breathing apparatus (SCBA). The SCBA shall consist of the following major sub-assemblies: (1) full facepiece assembly; (2) a removable, facepiece-mounted, positive pressure breathing regulator with air-saver switch; (3) an automatic dual path redundant pressure-reducing regulator; (4) end-of-service time indicators; (5) a harness and backframe assembly for supporting the equipment on the body of the wearer; (6) a shoulder strap mounted, remote gauge indicating cylinder pressure; (7) a rapid intervention crew/universal air connection (RIC/UAC); and (8) cylinder and valve assembly for storing breathing air under pressure.

The successful bidder agrees to provide, at their own expense, a factory trained instructor for such time as the respirator user shall require complete instruction in the operation and maintenance of the respirator. Any exceptions to these specifications must be detailed in a separate attachment. Failure to do so will automatically disqualify the bidder.

The successful bidder must be a sales distributor, authorized by the manufacturer, to sell the equipment specified herein. A signed document from the manufacture confirming this must be included with the bid.

SCBA shall maintain all NIOSH standards with any of the following types of cylinders listed as provided by the SCBA manufacturer.

PERFORMANCE OF THE CONTRACT

The Contractor shall supply all of the materials, machinery, supervision and equipment and perform all of the work in a good and workmanlike manner and in accordance and in compliance with the Information for Tenderers, Form of Tender, General Specifications, Scope of Work, the Schedules and the formal Contract to be executed and delivered (herein collectively referred to as the "Contract").

