

**TOWN OF LABRADOR CITY**

**FORM OF TENDER TLC-08-21**

**SUPPLY OF SELF-CONTAINED BREATHING APPARATUS**

Tenderer\_\_\_\_\_

Address\_\_\_\_\_

Telephone # \_\_\_\_\_

The undersigned bidder has carefully examined the Form of Tender, Instructions to Bidders, and agrees to supply the system as per the attached specifications.

Quotation \_\_\_\_\_

H.S.T. 15% \_\_\_\_\_

Total Quotation \_\_\_\_\_

The above quotation shall include all freight charges, F.O.B., Tamarack Drive, Labrador City, NL.

The tenderer, if awarded the contract, agrees begin work within \_\_\_\_\_ weeks following notification of award of the contract.

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Fax #: \_\_\_\_\_

Email Address: \_\_\_\_\_

## **INSTRUCTIONS TO BIDDERS**

### **1. TENDERS**

- (a) Tenders shall be in a sealed envelope and clearly marked as per the following:

“TENDER FOR: **Supply of Self-Contained Breathing Apparatus**  
addressed to the attention of the Town Clerk, Town Hall, P.O. Box 280, Labrador City, NL A2V 2K5.

#### **Include Bidders Name and Return Address on Envelope**

- (b) Tenders shall close at **3:00 p.m. local time**, Labrador City on:

**March 17, 2021**

- (c) Before submitting a tender, tenderers shall carefully examine the tender documents and fully inform themselves of the contract requirements and existing conditions.

- (d) The Town will not defray any expenses incurred by the tenderers in the preparation and submission of their tenders.

- (e) Quotation shall be valid for acceptance for ninety (90) days from the tender closing date.

- (f) This tender is subject to the *Access to Information and Protection of Privacy Act, 2015*.

- (g) The financial value of this tender will be publicly released as part of the award notification.

- (h) If applicable, this tender is subject to trade agreements.

### **2. UNACCEPTABLE TENDERS**

- (a) Tenders not submitted on the Tender Form provided will not be considered.

- (b) E-mail or facsimile tenders will not be accepted.

- (c) Tenders received after the tender closing time will not be considered.

- (d) Incomplete tenders will be rejected.

- (e) Tenders containing qualifications or additional clauses to the Tender Form may be rejected.

### **3. SUBSTITUTIONS**

- (a) Tenders shall be based upon using the materials or products as specified without substitution. Where two or more brand names are specified, the choice shall be left to the successful bidder. Where only one brand name is stated, there shall be no substitution.
- (b) Where the specifications include the **OR APPROVED EQUAL** clause, substitutions may be proposed provided that:
  - (i) The request for substitution is made in writing at least seven (7) days prior to the tender closing date.
  - (ii) The request shall clearly define and describe the products for which the substitution is requested.
  - (iii) The substitution item is equivalent to the described item with regard to design, function, appearance, durability, operation and quality.
  - (iv) Approval of the substitution by the Town shall be in the form of an Addendum to the specifications issued to all the tenderers listed as having received a copy of the contract documents.

### **4. ACCEPTANCE OF TENDERS**

- (a) The Town will not necessarily accept the lowest or any tender.
- (b) Upon acceptance of the tender, the Tender Form becomes part of the Contract Documents and the successful tenderer becomes the Contractor.
- (c) One payment shall be made in accordance with the contract as follows:
  - (i) Upon acceptance of all material or products, or upon substantial completion of the work.
  - (ii) Within thirty (30) days of receipt of the invoice by the Town.
- (d) The Town reserves the right to accept a non-compliant bid.

### **5. PERSON TO CONTACT**

For further information contact Peter Boland at the following telephone number **709-944-7172** or fax number **709-944-2443**

## **6. Safety**

The Town of Labrador City will strictly enforce safety requirements as per the Occupational Health & Safety Act. All items of safety apparel/equipment shall be the responsibility of the contractor.

## **7. Taxes**

- (a) The Town of Labrador City is subject to the Harmonized Sales Tax at the rate of 15%.
- (b) Above referenced tax shall be shown separately on all invoices presented to the Town of Labrador City for payment.

The sums herein tendered include all taxes, royalties, custom duties, foreign exchange charges, transportation, traveling costs, all overhead and profit, all co-ordination fees, insurance premiums and all other charges.

## **SPECIFICATIONS**

### **1.General**

### **Compliance**

- a) The Town of Labrador City requires the supply of 2 (two) Scott X3 PRO 4500psi Self contained breathing apparatus (SCBA) c/w a spare air cylinder for each Apparatus, with the following minimum specifications. Yes\_\_ No\_\_
- b) The bidder must be a manufacturer, a factory branch, or an agent engaged in the business of selling, dealing in, and servicing the equipment bid upon and must maintain a reasonable stock of parts. Yes\_\_ No\_\_

### **2.Quality Assurance**

- a) The SCBA shall be approved to NIOSH 42 CFR, Part 84 for chemical, biological, radiological and nuclear protection (CBRN). Yes\_\_ No\_\_
- b) The SCBA shall be compliant to the NFPA 1981, 2018 Edition, Standard on Open Circuit Self Contained Breathing Apparatus for Emergency Services. Yes\_\_ No\_\_
- b) The SCBA shall be compliant to the NFPA 1982, 2018 Edition (if including optional PASS Device), Standard on Personal Alert Safety Systems. Yes\_\_ No\_\_
- c) The SCBA shall include an optional integrated self rescue device compliant to the NFPA 1983, 2012 Edition, Standard on Life Safety Rope and Equipment for Emergency Services. Yes\_\_ No\_\_
- d) 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. Yes\_\_ No\_\_
- e) Fit Testing, in conformance with CSA standard Z94.4 "Selection, Use and Care of Respirators". Yes\_\_ No\_\_

### 3. Sub-assemblies

- a) A removable, facepiece mountable, positive pressure breathing regulator with air saver switch; an automatic dual path redundant pressure reducing regulator; Yes\_\_ No\_\_
- b) End of service time indicators (EOSTI) Yes\_\_ No\_\_
- c) A harness and backframe assembly for supporting the equipment on the body of the wearer; a shoulder strap mounted, remote gauge indicating cylinder pressure Yes\_\_ No\_\_
- d) Rapid intervention crew/universal air connection (RIC/UAC); cylinder and valve assembly for storing breathing air under pressure. Yes\_\_ No\_\_
- e) Removable Harness assembly for cleaning purposes Yes\_\_ No\_\_

### 4. Facepiece

- a) The facepiece shall have a large diameter inlet serving as the female half of a quarter (1/4) turn coupling which mates with the positive pressure breathing regulator. Yes\_\_ No\_\_
- b) The facepiece shall be approved for use with multiple respiratory applications to enable the same user to switch from one application to another without the use of tools and without doffing the facepiece. Yes\_\_ No\_\_
- c) The full facepiece assembly shall fit persons of varying facial shapes and sizes with minimal visual interference. Yes\_\_ No\_\_
- d) The full facepiece assembly shall be available in three sizes marked "S" for small, "M" for Medium and "L" for large. Yes\_\_ No\_\_
- e) The facepiece sizes shall be easily identifiable through a color coding scheme. The facepiece assembly, including head harness, shall be latex free. Yes\_\_ No\_\_
- f) The facepiece series shall have a face seal that is secured to the lens by a U shaped channel frame that is retained to the lens using two fasteners. Yes\_\_ No\_\_
- g) The face seal shall be a reverse reflex design for enhanced fit and comfort. Yes\_\_ No\_\_
- h) The facepiece shall contain inhalation valves that are readily visible to enable quick visual inspection. Yes\_\_ No\_\_

- i) The lens shall be a single, replaceable, modified cone configuration constructed of a non shatter type polycarbonate material. Yes\_\_ No\_\_
- j) In accordance with NIOSH 42 CFR part 84, the facepiece shall meet penetration and impact requirements, including compliance with ANSI Z87.1 – 2010. Yes\_\_ No\_\_
- k) The lens shall have a coating to resist abrasion and chemical attack and meet the requirements of NFPA 1981, for lens abrasion. Yes\_\_ No\_\_
- l) The lens shall have an internal anti fog coating to reduce fogging of the lens. Multi directional voicemitters shall be mounted on both sides of the facepiece and ducted directly to an integral silicone nosecup to enhance voice transmission. Yes\_\_ No\_\_
- n) The facepiece assembly shall be able to incorporate multiple electronic communications options (amplification, radio interface, wireless, etc) without affecting NIOSH approvals or NFPA/CBRN approvals where applicable. Yes\_\_ No\_\_
- o) The facepiece shall enable the installation of communications bracket on either the right or left side. Yes\_\_ No\_\_
- p) The head harness shall be available in a five point suspension made in the fashion of a net hood to minimize interference between securing of the facepiece and the wearing of head protection. Yes\_\_ No\_\_
- q) 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. Yes\_\_ No\_\_
- r) The head harness shall include either a positioning strap (five strap configuration) or an integrated handle (four strap configuration) to assist with donning of the facepiece. Yes\_\_ No\_\_
- s) Two flame resistant elastic straps shall be attached to the face seal in four locations to provide adjustment for proper face sealing. Yes\_\_ No\_\_

## 5. Mask-Mounted Regulator

- a) The facepiece mounted positive pressure breathing regulator shall supply and maintain air to the facepiece to satisfy the needs of the user at a pressure greater than atmospheric by no more than 1.5 inches of water pressure static. Yes\_\_\_\_ No\_\_\_\_
- b) The breathing regulator shall maintain positive pressure during flows of up to 500 standard liters per minute. Yes\_\_\_\_ No\_\_\_\_
- c) The regulator shall also meet or exceed a dynamic flow requirement of remaining positive while supplying a minute volume of 160 liters. Yes\_\_\_\_ No\_\_\_\_
- d) 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. Yes\_\_\_\_ No\_\_\_\_
- e) An optional regulator shall be available with a quick connect coupling in line for use with the optional outlet manifold and accessory hose to allow the breathing regulator to be disconnected from the unit and reconnected to the auxiliary hose of a second unit in the event rescue is required. Yes\_\_\_\_ No\_\_\_\_
- f) The optional quick connect coupling shall be easily connected and disconnected by trained individuals with a gloved hand and/or in low light conditions. Yes\_\_\_\_ No\_\_\_\_
- g) The optional quick connect coupling shall not allow the air hose to be connected without the HUD Connection. Yes\_\_\_\_ No\_\_\_\_
- h) The optional coupling shall also be guarded against inadvertent disconnect during use of the equipment. Yes\_\_\_\_ No\_\_\_\_
- i) The low pressure hose shall be equipped with a swivel attachment at the facepiece mounted regulator. Yes\_\_\_\_ No\_\_\_\_
- j) The regulator shall connect to the facepiece by way of a quarter (1/4) turn coupling. Yes\_\_\_\_ No\_\_\_\_

- k) The user shall hear an audible sound when the regulator is attached correctly to the facepiece. Yes\_\_ No\_\_
- l) The regulator shall be equipped with a doughnut shaped gasket which provides a seal against the mating surface of the facepiece. Yes\_\_ No\_\_
- m) The regulator cover shall be fabricated of a flame resistant, high impact plastic. The breathing regulator shall have a demand valve to deliver air to the user, activated by a diaphragm responsive to respiration. Yes\_\_ No\_\_
- n) The demand valve shall use an extended temperature range dynamic O ring seal composed of a fluorosilicone elastomer. Yes\_\_ No\_\_
- o) The diaphragm shall include the system exhalation valve and shall be constructed from a high strength butyl elastomer. Yes\_\_ No\_\_
- p) 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 breathing regulator shall be designed to direct the incoming air through a spray bar and over the inner surface of the facepiece lens for defogging purposes. The components of the breathing regulator shall be constructed of materials that are not vulnerable to corrosion. Yes\_\_ No\_\_
- q) The flame resistant cover shall contain an air saver switch and pressure demand bias mechanism. Yes\_\_ No\_\_
- r) The regulator shall reactivate and supply air only in the positive pressure mode when the wearer affects a face seal and inhales. Yes\_\_ No\_\_
- s) This device shall not affect the breathing flow through the system while in operation. Yes\_\_ No\_\_

## 6. Pressure Reducer with Snap-Change Cylinder Connection

- a) The pressure reducing regulator shall be mounted at the waist on the backframe and be coupled to the cylinder valve through a patented stainless steel quick connect snout for engagement and sealing within the cylinder valve outlet. Yes\_\_\_\_ No\_\_\_\_
  
- b) The cylinder shall be secured to the pressure reducing regulator with two pull rings 180° from each other. Yes\_\_\_\_ No\_\_\_\_
  
- c) A stainless steel rod shall secure each of the pull rings to prevent removal of the cylinder while the SCBA is pressurized. Yes\_\_\_\_ No\_\_\_\_
  
- d) The stainless steel rods shall be actuated when the cylinder is opened and when cylinder pressure is above 30 psig. Yes\_\_\_\_ No\_\_\_\_
  
- e) In lieu of a manual by pass, the pressure reducing regulator shall include a back up pressure reducing valve connected in parallel with the primary pressure reducing valve and an automatic transfer valve for redundant control. Yes\_\_\_\_ No\_\_\_\_
  
- f) The back up pressure reducing valve shall also be the means of activating the low pressure alarm devices in the facepiece mounted breathing regulator. Yes\_\_\_\_ No\_\_\_\_
  
- g) This warning shall denote a switch from the primary reducing valve to the back up reducing valve whether from a malfunction of the primary reducing valve or from low cylinder supply pressure. Yes\_\_\_\_ No\_\_\_\_
  
- h) A press to test valve shall be included to allow bench testing of the back up reducing valve. Yes\_\_\_\_ No\_\_\_\_
  
- i) The pressure reducing regulator shall have extended temperature range dynamic O ring seals composed of fluorosilicone elastomer. Yes\_\_\_\_ No\_\_\_\_

- j) The pressure reducing regulator shall have incorporated a re-seatable over pressurization relief valve which shall prevent the attached low pressure hose and facepiece mounted breathing regulator from being subjected to high pressure. Yes    No

#### 6. End of Service Time Indicator (EOSTI)

- a) The SCBA shall have two end of service time indicators (EOSTI). A tactile alarm and a Heads Up Display (HUD). Yes    No
- b) The primary EOSTI shall be the integral low pressure alarm device that shall combine an audible alarm with simultaneous vibration of the facepiece. Yes    No
- c) The primary EOSTI shall be located in the Facepiece Mounted Positive Pressure Regulator. Yes    No
- d) This alarm device shall indicate either low cylinder pressure (33% +5%, 0%) or a malfunction of the primary pressure reducing valve (first stage regulator). Yes    No
- e) The HUD shall serve as the secondary EOSTI. Yes    No
- f) The HUD shall be powered by the SCBA's single power supply. Yes    No
- g) It shall be mounted in the user's field of vision on the Facepiece Mounted Positive Pressure Regulator. Yes    No
- h) It shall display cylinder pressure in increments of 100%, 75%, 50% and 33%. The display shall not have a numerical representation of bottle pressure. Yes    No
- i) At full bottle pressure, two green Light Emitting Diodes (LED) shall be illuminated. At three quarter bottle pressure, one green LED shall be illuminated. Yes    No

- j) At one half bottle pressure, one "yellow" LED shall be illuminated and flash at a rate not to exceed one (1x) time per second. At one third bottle pressure, one "red" LED shall be illuminated and flash at a rate not to exceed ten (10x) times per second. Yes    No
- k) The HUD shall have a low battery indication that is distinct and distinguishable from the bottle pressure indications. Yes    No

## 7. Harness and Backframe Assembly

- a) A lightweight, lumbar support style backframe and harness assembly shall be used to carry the cylinder and valve assembly and the pressure reducing regulator assembly. Yes    No
- b) The backframe shall be a solid, one piece black powder coated aluminum alloy frame that is contoured to follow the shape of the user's back. Yes    No
- c) It shall include a shroud to streamline hose and wire management by minimizing exposure of the low pressure hose and electronics molded cable. Yes    No
- d) The backframe shall include a mounting for the pressure reducer located at the waist. Yes    No
- e) 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. Yes    No
- f) The harness assembly shall consist of a one size black para aramid strap with a yellow stripe. Yes    No
- g) This harness shall include box stitched construction with no screws or bolts. Yes    No
- h) The harness assembly shall incorporate spring (alligator) clips, quick release buckles and shall include shoulder and hip pads. Yes    No
- i) The harness shall include a seat belt type waist attachment. Yes    No

- j) The shoulder strap shall be fitted with a Drag Rescue Loop (DRL) capable of being deployed in an emergency situation to drag a downed firefighter to safety. Yes\_\_ No\_\_
- k) The shoulder strap shall be attached to the backframe by way of a single, articulating metal bracket to allow for optimal shoulder movement. Yes\_\_ No\_\_
- l) The backframe shall include accommodation and a mounting area suitable for installation of a distress alarm integrated with the SCBA. Yes\_\_ No\_\_
- m) The mounting area shall permit installation of a distress alarm sensor module in an area between the pressure reducer and the backframe. Yes\_\_ No\_\_

#### 8. Rapid Intervention Crew / Universal Air Connection (RIC/UAC)

- a) The SCBA shall incorporate a RIC/UAC fitting to be compliant with the 2018 edition of the NFPA 1981 Self Contained Breathing Apparatus standard. Yes\_\_ No\_\_
- b) The RIC/UAC shall be an integral part of the pressure reducer and protected by the backframe. Yes\_\_ No\_\_
- c) The RIC/UAC inlet connection shall be within 4" (4 inches) of the tip of the CGA threads of the cylinder valve. Yes\_\_ No\_\_
- d) 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. Yes\_\_ No\_\_
- e) The self resetting relief valve shall be color coded to identify pressure rating of the SCBA. Yes\_\_ No\_\_
- f) The RIC/UAC shall have a check valve to prevent the loss of air when the high pressure air source has been disconnected. Yes\_\_ No\_\_

## 9. Cylinder

- a) The SCBA shall be equipped with a Snap Change Cylinder connection, and the cylinder valve shall be designed with a patented stainless steel quick connect snout that delivers air directly to the first stage pressure reducing regulator. The quick connect snout shall be an integral part of the cylinder valve, rather than an adapter that threads onto the CGA fitting. Yes\_\_ No\_\_
- b) The cylinder valve shall be offered with a CGA 346 or CGA 347 fitting for the purposes of filling the cylinder only. Yes\_\_ No\_\_
- c) The fill fitting shall have a check valve to prevent flow from the cylinder. Yes\_\_ No\_\_
- d) The fill fitting shall be provided with a dust cover to protect threads from damage and prevent interior surfaces from being contaminated when not in use. Yes\_\_ No\_\_
- e) The dust cover shall be retained to the cylinder valve. Each cylinder valve shall consist of the following:
- 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";
  - an upstream connected frangible disc safety relief device;
  - a dual reading pressure gauge indicating cylinder pressure at all times; an elastomeric bumper; an angled outlet.
- Yes\_\_ No\_\_
- f) The SCBA shall maintain all NIOSH and NFPA standards. Yes\_\_ No\_\_
- g) The cylinder shall be manufactured in accordance with DOT specifications and meet the Transport Canada requirements with working pressures of 4500 psig. Yes\_\_ No\_\_
- h) 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. Yes\_\_ No\_\_

- i) The cylinder shall be available in a 60 minute duration based on the NIOSH breathing rate of 40 liters per minute (lpm). Yes\_\_ No\_\_

10. Personal Alert Safety System with Firefighter Locator

- a) The PASS Device shall be compliant to the NFPA 1982, 2018 Edition Standard on Personal Alert Safety Systems. Yes\_\_ No\_\_
- b) Operation of this distress alarm shall be initiated with the opening of the valve of an SCBA charged cylinder. Yes\_\_ No\_\_
- c) 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 system shall operate from a single power source containing six "AA" batteries. The battery life of the SCBA with PASS only shall be no less than 200 hours. Yes\_\_ No\_\_
- d) The system shall have a battery check function that provides an LED indication of battery status while the SCBA is not pressurized. Yes\_\_ No\_\_
- e) When the PASS is manually activated, the locator system shall immediately emit a 2.4 GHz signal to be received by a separate hand held receiver. Yes\_\_ No\_\_
- f) When the PASS is activated due to lack of motion, the locator system shall have a ten second delay prior to emitting a 2.4 GHz signal to be received by a separate hand held receiver one to be included with the purchase. Yes\_\_ No\_\_
- g) The system shall utilize a 2.4 GHz signal to provide the best path to a "downed" firefighter. Yes\_\_ No\_\_
- h) The locating system shall be programmable with eight alpha numeric characters to provide identification information. Yes\_\_ No\_\_
- i) 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 HUD display. Yes\_\_ No\_\_

## 11. Console

- a) 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. Yes\_\_ No\_\_
- b) 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. Yes\_\_ No\_\_
- c) The console shall contain a photo sensing diode to dim and brighten the HUD as the ambient lighting changes. Yes\_\_ No\_\_
- d) The console shall contain push buttons for user interface. Yes\_\_ No\_\_
- e) The push buttons shall be designed to minimize accidental activation. A yellow color coded push button shall permit system re set. Yes\_\_ No\_\_
- f) A red color coded push button shall permit manual activation of the full alarm mode. Yes\_\_ No\_\_
- g) 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 standard HUD. Yes\_\_ No\_\_
- h) A green LED shall be illuminated across the gauge face to indicate a cylinder with greater than half bottle pressure.
- i) A yellow LED shall be illuminated across the gauge face to indicate a cylinder with less than half bottle pressure. Yes\_\_ No\_\_
- j) A red LED shall be illuminated across the gauge face to indicate a cylinder with less than one third bottle pressure. Yes\_\_ No\_\_

## 12. Sensor Module

- a) The system shall include a sensor module mounted to the SCBA backframe and located in an area between the cylinder and backframe in a manner designed to protect the assembly from damage. Yes  No
- b) The sensor module shall contain a motion sensor that is sensitive to user hip movement to reduce false activations. Yes  No
- c) The sensor module shall contain redundant, dual sound emitters for the audible alarm and dual visual "buddy" indicators. Yes  No
- d) The sensor module sound emitters shall be oriented in multi directions for optimal sound projection. Yes  No
- e) The visual indicators on the backframe mounted sensor module shall flash green during normal operation. Yes  No
- f) The visual indicators shall flash red when the device is in pre alarm and full alarm. The visual indicators shall flash orange when the SCBA has reached one half bottle pressure. Yes  No
- g) The visual indicators shall flash a combination of red, green, and white when the SCBA has reached one third bottle pressure. Yes  No

## 13. In Mask Thermal Imaging

- a) The respirator shall have a hands free, in mask thermal imaging display. Yes  No
- b) The in mask thermal imaging display shall be approved to NIOSH 42 CFR Part 84 and NFPA 1981, 2018 edition. Yes  No

## 14. Maintenance materials

- a) Provide two (2) complete sets of operation and maintenance manuals in hardcover Yes  No

15. Exceptions to bid specifications.

Clause #                          Explanation

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16. Warranty

- a) The unit(s) shall be covered by a manufacturer's warranty providing protection against defects in materials or workmanship.      Yes  No
- b) The warranty shall be for a period of ten (10) years on the SCBA including all accessories and optional equipment.      Yes  No
- c) The warranty shall be for a period of fifteen (15) years on the pressure reducers.      Yes  No