

# 2024 SHSP Bonner County Benefitting Agency Grant Project Application

Applicant/Jurisdiction	City or County Agency, Department or Other Organization		
	City of Sandpoint/Fire Department		
Point of Contact	Name: Gavin Gilcrease	Title: Fire Chief	
	Phone: 208-263-3502	Email: ggilcrease@sandpointidaho.gov	
Project	Project Name: Breathing Air Compressor		
	Requested Grant Funds	\$	
	Total Project Cost	\$	
Threat / Hazard / Vulnerability	Use info from Threat Hazard Identification Risk Assessment (THIRA), Hazard Mitigation Plan, or Hazard Vulnerability Analysis (HVA) to describe what this capability addresses.		
	All Hazards		
	If "Other", please explain below.		
Mission Area	Primary: Mitigation		
	Secondary: Response		
Core Capability	Primary Capability Name (Click for Definition):		Environmental Response/Health & Safety
	Secondary Capability Name (Click for Definition):		Mass Search & Rescue Operations
Regional Impact	Is Capability regionally deployable?	<input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
	Does Capability have regional impact?	<input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
	Does this Capability already exist within this region?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> PARTIALLY
Core Capability Target	Insert capability target as determined by THIRA process (e.g. "During the first 72 hours of an incident, conduct operations to recover 375 fatalities.").		
	Breathing air compressor to fill mobile air system supporting firefighting and dive rescue operations within the City of Sandpoint and surrounding jurisdictions in Bonner County.		
Preparedness	<input type="checkbox"/> Planning	Building new capability? <input type="checkbox"/>	or Sustaining current Capability? <input type="checkbox"/>
	<input type="checkbox"/> Organization	Building new capability? <input type="checkbox"/>	or Sustaining current Capability? <input type="checkbox"/>
	<input type="checkbox"/> Training	Building new capability? <input type="checkbox"/>	or Sustaining current Capability? <input type="checkbox"/>
	<input type="checkbox"/> Exercising	Building new capability? <input type="checkbox"/>	or Sustaining current Capability? <input type="checkbox"/>
	<input checked="" type="checkbox"/> Equipment	Building new capability? <input type="checkbox"/>	or Sustaining current Capability? <input checked="" type="checkbox"/>
	For Equipment - AEL Number(s):		
	NIMS Resource Type (if applicable):		
MOU Information	Relevant MOU in place?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
	If "No", then by what date?		
Justification	Provide narrative describing justification for project <b>AND</b> need for capability (i.e. why do you need this and how will this project reduce risk in your jurisdiction? Use next page if necessary).		
	See Attached		

**SUBMIT**

Submit completed form  
to Bonner County  
Emergency Management  
em@bonnercountyld.gov  
208-946-3050  
Deadline:  
September 12, 2024

Next Page- Click Here

Applicant Signature

(electronic signature is acceptable)

Date



# SANDPOINT FIRE DEPARTMENT

1123 Lake Street · Sandpoint, ID 83864-1714 · 208/263-3502 ·

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## ISHSP Grant Application Narrative October 2024

The Sandpoint Fire Department (SFD) plays a critical role in ensuring the safety of the community and surrounding areas, particularly given our jurisdiction's proximity to major bodies of water such as Lake Pend Oreille and the Pend Oreille River. Additionally, the presence of significant transportation arteries, including Highway 2, Highway 95, and high-volume railways, increases the potential for emergencies that require specialized response capabilities. This justification outlines the urgent need for a new breathing air compressor to support our operations, the operations of our Mutual Aid and Automatic Aid partners, and the Bonner County Sheriff's Office Dive Team. The ability to fill Self-Contained Breathing Apparatus (SCBA) and Self-Contained Underwater Breathing Apparatus (SCUBA) is essential for maintaining the effectiveness and safety of our emergency response teams.

### **The Critical Need for a Breathing Air Compressor**

#### **Operational Scope and Jurisdiction**

The Sandpoint Fire Department is responsible for providing emergency services in a jurisdiction that includes not only urban and rural areas but also significant portions of Lake Pend Oreille and the Pend Oreille River. These bodies of water are critical resources for the community but also present unique challenges for emergency response. The proximity of Highway 2, Highway 95, and major railway lines to these water bodies creates an environment where the risk of incidents requiring water and land-based emergency response is high.

In addition to responding to fires, the SFD is regularly called upon to manage water-based emergencies, including rescues, hazardous material spills, and maritime accidents. The ability to provide rapid and effective emergency services in these scenarios is dependent on having a fully operational breathing air compressor. This equipment is crucial for filling SCBAs used by our firefighters and SCUBAs used by the Bonner County Sheriff's Office Dive Team during water rescue operations.

#### **Collaboration with Mutual Aid and Automatic Aid Systems**

The SFD operates within a network of Mutual Aid and Automatic Aid systems that include several neighboring fire departments. This collaborative approach ensures that resources and personnel can be quickly mobilized in the event of large-scale emergencies. However, the effectiveness of this system is heavily dependent on the availability of critical equipment, such as a breathing air compressor.

Two years ago, our department's breathing air compressor was mechanically decommissioned. Since then, the SFD and our partner departments have faced significant challenges in maintaining the necessary air supply for SCBA cylinders. No other department within our network possesses a compressor large enough to meet the demands of our operations, particularly during extended incidents that require continuous air supply for multiple responders.

This lack of a functioning compressor not only limits our own operational capacity but also hampers the effectiveness of our Mutual Aid and Automatic Aid partners. In the event of a major incident, the inability to quickly refill SCBA cylinders could lead to delays in response times, increased risk to personnel, and a reduced ability to protect the community.

### **Support for the Bonner County Sheriff's Office Dive Team**

The Bonner County Sheriff's Office Dive Team is an integral partner in our maritime emergency response efforts. This team is frequently called upon to perform underwater rescues, recoveries, and hazardous material containment in Lake Pend Oreille and the Pend Oreille River. The ability to fill SCUBA cylinders is essential for their operations, particularly during prolonged or complex incidents.

Given the close collaboration between the SFD and the Dive Team, it is imperative that we have the capability to support their needs by providing reliable air supply. Currently, the Dive Team must rely on external resources to fill their SCUBA cylinders, which can lead to delays in their ability to respond to emergencies. A new breathing air compressor would not only benefit our department but also enhance the Dive Team's readiness and effectiveness.

### **Impact of the Decommissioned Compressor**

The mechanical decommissioning of our previous breathing air compressor has had a profound impact on our operations. Over the past two years, we have been forced to rely on external sources to fill SCBA and SCUBA cylinders, which has proven to be both time-consuming and logistically challenging. These limitations have directly affected our ability to maintain a state of readiness and have increased the operational burden on our personnel.

Without a functioning compressor, the SFD has experienced several adverse conditions that negatively impact incident mitigation, the first being increased response times. The need to transport cylinders to off-site locations for refilling has led to delays in response times, particularly during incidents that require sustained operations. This not only affects our department but also the ability of our Mutual Aid partners to respond effectively.

The second is reduced operational capacity. The lack of a reliable air supply has forced us to limit the number of personnel we can deploy during extended incidents. This reduction in capacity compromises our ability to effectively manage large-scale emergencies.

The third adverse condition is increased costs. The logistical challenges associated with refilling cylinders off-site have resulted in increased operational costs. These costs include transportation,

personnel hours, and fees for using external refilling services. Over time, these expenses have placed a significant strain on our department's budget.

Lastly and perhaps most critically, it compromises the safety of responders. The absence of an in-house breathing air compressor has increased the risk to our personnel. Firefighters rely on SCBAs to safely operate in hazardous environments, and any delay or limitation in air supply directly compromises their safety.

### **Justification for Funding**

The Idaho State Highway Safety Grant Program is designed to enhance the safety and preparedness of emergency response agencies across the state. The acquisition of a new breathing air compressor aligns directly with this mission by providing the SFD and our partners with the essential tools needed to protect our community and respond effectively to emergencies.

The primary objective of the Sandpoint Fire Department is to protect lives and property. A new breathing air compressor will significantly enhance our ability to fulfill this mission by ensuring that our firefighters have access to the air supply they need to operate safely and effectively. This equipment will also support the Bonner County Sheriff's Office Dive Team in their critical role in water-based emergency response. Given the proximity of major highways and railways to Lake Pend Oreille and the Pend Oreille River, the potential for incidents requiring a coordinated response from multiple agencies is high. A fully operational breathing air compressor will ensure that all responders have the necessary resources to perform their duties without delay or compromise.

The SFD's participation in Mutual Aid and Automatic Aid systems is a cornerstone of our emergency response strategy. The ability to provide air supply for SCBA cylinders is a critical component of this collaboration. By securing funding for a new breathing air compressor, we will not only enhance our own operational capacity but also strengthen the entire network of emergency responders in our region. This investment will ensure that all partner departments have access to a reliable air supply during large-scale incidents, thereby improving the overall effectiveness and efficiency of our collective response efforts.

The acquisition of a new breathing air compressor represents a cost-effective solution to the challenges we currently face. By eliminating the need to rely on external sources for cylinder refilling, we will reduce operational costs and improve our department's overall efficiency. This investment will also have long-term benefits by extending the lifespan of our SCBA and SCUBA equipment through proper and timely refilling.

### **Conclusion**

In summary, the Sandpoint Fire Department is dedicated to providing the highest level of emergency services to our community. The acquisition of a new breathing air compressor is essential for maintaining our operational readiness, supporting our Mutual Aid and Automatic Aid partners, and ensuring the safety of our personnel and the public. We respectfully request the

Idaho State Highway Safety Grant Program's support in funding this critical equipment, which will have a lasting impact on the safety and security of our region.

This investment will not only address our immediate needs but also position the Sandpoint Fire Department and our partners for success in meeting the challenges of the future.

P.O. Box 51,  
Kirkland, WA 98083



# SEAWESTERN

## FIRE FIGHTING EQUIPMENT

**Quote**

Phone: (425) 821-5858  
Email: [info@seawestern.com](mailto:info@seawestern.com)  
[www.seawestern.com](http://www.seawestern.com)

<b>Bill To:</b>		<b>Ship To:</b>		<b>Date</b>	10/25/2024
SANDPOINT FIRE DEPT 1123 LAKE STREET SANDPOINT, ID 83864		SANDPOINT FIRE DEPT 1123 LAKE STREET SANDPOINT, ID 83864		<b>Customer No.</b>	10684
				<b>Quote No.</b>	QUO26704
				<b>Sales Rep</b>	Todd Kirwin
<b>Attention</b>	<b>Delivery</b>	<b>FOB</b>	<b>Expires</b>		
			11/24/2024		

Pricing valid for listed quantities  
Returns accepted within 30 days of receipt  
Restocking fee up to 25% will apply on any non-stock merchandise  
Custom orders are non-cancellable, non-returnable  
Unless otherwise noted, pricing does not include shipping

Qty	Unit	Part Number	Description	Unit Price	Ext. Price
1	EA	Vertecon	Bauer Vertecon 6000 PSIG VEC13-E3 Compressor System	29,953.80	29,953.80
1	EA	CO Monitor	Bauer Electronic Carbon Monoxide Monitor with Calibration Kit for Vertecon/Verticus Compressor	4,464.00	4,464.00
1	EA	BAU HC6000-2	Bauer UN HC 6000-2 PSI Cylinders with storage rack	5,405.40	5,405.40
1	EA	BAU CUSTOM	CFS5.5-2S NFPA compliant containment fill station; equipped with two (2) bank dual function cascade controls; integral air storage rack with two (2) UN code air storage cylinders, an air direction valve to select either air from the compressor or on-board air storage system	23,370.30	23,370.30
1	EA	BAU CUSTOM	System mounted hose reel kit including adjustable regulator for up to 6000 psig service, inlet and regulated pressure gauges, isolation valve, spring loaded rewind reel and 100 feet of hose rated for 6000 psig service	3,848.40	3,848.40
1		Shipping	Estimated shipping	3,250.00	3,250.00
1	EA	Component Compressor Commissioning Service	SeaWestern Commissioning Service of Component Compressor System at Department Includes: Connection of Departments Existing High-Pressure Cylinders into New System and Start-Up of Compressor.  Department Responsible for Unloading and Placement of Compressor System and Placement of Existing Storage Cylinders into Compressor Cabinet.	1,315.00	1,315.00

P.O. Box 51,  
Kirkland, WA 98083



# SEAWESTERN

## FIRE FIGHTING EQUIPMENT

Phone: (425) 821-5858  
Email: [info@seawestern.com](mailto:info@seawestern.com)  
[www.seawestern.com](http://www.seawestern.com)

Qty	Unit	Part Number	Description	Unit Price	Ext. Price
			Department Responsible for the Electrical Connection of the Compressor System. Sea Western will Provide Factory Training on Operation and Function of Compressor System for Department Personnel  Pricing per NPPGov Contract PS20095		

**Total**                      **\$71,606.90**