**Narrative for AOI Two – Generator Readiness**

Bayfield County’s “South Shore Community” comprises the Towns of Bell, Clover, Port Wing, and Orienta. These towns are rural and isolated from even medium sized population centers. They have formed a South Shore Ambulance Association and cooperate in other ways. Although the Town of Bell is currently the fastest growing town in Bayfield County, the Ambulance is garaged in Town of Clover - village of Herbster - that is more central to the overall South Shore population. The Towns of Bell, Clover and Port Wing planned and have stocks of diesel fuel for the ambulance, fire apparatus, and their large road maintenance equipment sufficient for normal use and short to medium interruptions. See **Appendix 1** for details.

Our community **does not** have emergency diesel or gasoline supply for road crew/ first responders’ vehicles, gasoline operated town trucks, or utility line trucks. Additionally, the Towns may have to rely on Star North for diesel fuel during larger interruptions, It is this supply we are addressing. We are proposing to add a standby generator at Star North in Cornucopia so that it can be open to dispense diesel and gasoline to these vehicles.

**1. The technology chosen to provide back-up power (including reliability and the duration of the power provided, explain the metric chosen, and impact (if applicable) on the amount of fuel**

To support utility line trucks, first responder/ town crew vehicles, and gasoline powered town utility trucks operating in this isolated area we propose to install a propane fueled stand by generator with automatic transfer switch at Star North (convenience store with Gasoline and Diesel) in the Town of Bell – village of Cornucopia.

Generac is our preferred brand based on 2 main points. 1) Generac’s longstanding product line and leading technology. 2) Local Generac dealership with trained technicians and 24/7 on call service.

Star North has a 1,000 gallon propane tank and proposes to add a 250 gallon tank dedicated to the Generator. This will provide 98 hours of back-up power under 50% load and 64 hours under 100% load based on respective consumption ratings of 2.53 and 3.9 Gal/Hr.

Generac Specifications sheet is included with attached proposal.

**2. Is the facility open or accessible 24 hours per day, 7 days per week, and/or would have the ability to remain open and staffed in the event of an emergency?**

Star North is a privately owned convenience store that will commit to be available for emergencies 24/7- 365. They are currently open 365.

Star North is the only public source of Diesel fuel in the South Shore Community.

Other sources are listed on page 18 of Town of Bell Emergency Action Plan. Washburn WI, 20 miles to the south and east is the closest alternative if roads are open.

Star North is capable of dispensing diesel and gasoline and regularly fills trucks of all kinds

**3. Does the facility have ample storage for diesel fuel and gasoline, including a set of pumps that could be dedicated to emergency vehicles in the event of an emergency?**

Star North storage capacity: 10,000 gallons of 87 octane and 4,000 gallons of 91 octane Gasoline and 6,000 gallons of Diesel. Tanks are refilled when they reach 1/3 capacity resulting in minimum capacity of 3,300 gallons of 87 octane Gasoline and 2,000 gallons Diesel.

Pictures of the store are attached. The transfer switch will be mounted on the outside wall next to the service entrance (pictured) The generator will be located in the adjacent space .

In state of emergency – declared by the Bayfield County Sheriff or our Fire Chief - an aisle will be dedicated to emergency vehicles, utility line trucks and personal vehicles of first responders. All other vehicles will be limited to 5 gallons to avoid excessive depletion of fuel supplies. Such limit may be waived for specific individuals, as allowed by our Fire Chief, to facilitate evacuation if necessary.

**4. Does the facility have any outstanding state tax warrants or tax delinquencies**?

No, Star North has an exemplary record.

**5. What is the facility’s location? Discuss proximity to population centers, and ease of accessibility for emergency vehicles (including utility line trucks, is there a separate island for diesel? Attach aerial photo, indicate where the tap-switch and mobile or permanent generator will be installed.**

Star North is located on the southeast corner of the intersection of Superior Avenue and County Highway C in the village of Cornucopia, Town of Bell (See enclosed map). Star North is in the eastern most of the 4 South Shore towns but is just 23 miles from the western edge of Orienta on STH13. In terms of distance to fuel availability, using Herbster in Town of Clover as a population “center point” , retail gas stations within the greater area include Cornucopia STAR NORTH (8miles), Port Wing JOHNSONS STORE –(8 miles) no diesel, and Washburn (28 miles). Red Cliff (26 miles), and Bayfield (28 miles). Neither Red Cliff or Bayfield would be on an ambulance route from the community to hospital in Ashland or Duluth.

**6. Explain the total project costs and leverage offered (in-kind or cash), note that match is not required, but can demonstrate the applicant’s commitment to the project. Include contractor quotes if available.**

The total cost to supply and install is $15,865. Star North proposes to contribute $3,000. Jolma Electric Quote is attached.

**7. Does the facility management have a relationship with local/county/tribal/state emergency management and/or first responders? Please describe. Be sure to note the facility’s inclusion in any county/tribal/local emergency plans, if applicable.**

The owner and employees of Star North are very well acquainted with all the emergency agencies. Star North has established accounts with the SSAA, local fire departments etc.

Star North is listed in Town of Bell Emergency Action Plan, page 18, as the local source of fuel.

Town of Bell Emergency Action Plan is attached for reference. For brevity the attachment is limited to pages 1-4 and 18.