

(440) 754-5555 www.geaugatransit.com 12555 Merritt Road Chardon, OH 44024

REPLACEMENT OF RADIANT TUBE HEATER SYSTEM IN BUS GARAGE ITB # G04 Questions and Answers

Date: August 20, 2024

Jack McGranhan, Manufacturer's Rep. for Roberts Gordon in NE Ohio, from McGranahan Associates reached out to say: "Regarding this Geauga Transit Garage our 20' long Gordonray Systems are most likely 80,000 BTUs each and the 60' long systems are either 150,000, 175,000 or 200,000 BTUs each. There is a label/tag on each burner which would list the BTUs. The 40,000 and 60,000 BTU burners mentioned in the questions would be too small for these length heaters plus they would not heat the Garage properly at all." His contact information: Jack McGranahan McGranahan Associates Inc. 27016 Knickerbocker Road Bay Village, OH 44140 Work 440 835 1919

Cell 216 440 8448

jack@mcgranahanassociates.com

Please note, . Laketran is including this information as we think it may help bidders. Laketran/Geauga Transit <u>does not</u> require Gordonray Systems to be bid. However, any other system must meet the minimum specifications and be equivalent in use and output.

- Q1. Does this job require a bid bond? A1. No. No bonding required.
- Q2. Do you have an engineer's estimate?
- A2. There is no engineer's estimate.

Q3. Four 20ft infrared heaters – What are the BTU's per unit? A3. 40,000. See Picture Below. If not sufficient, please schedule onsite visit with JoAnna Santilli at <u>isantilli@geaugatransit.com</u> / 440-754-5550

Q4. Two 60ft infrared heaters - What are the BTU's per unit? A4. 60,000. See Picture Below. If not sufficient, please schedule onsite visit with JoAnna Santilli at <u>isantilli@geaugatransit.com</u> / 440-754-5550

Q5. Disconnect, remove and dispose of the existing radiant tube and hangers. – Existing tubing all hot rolled steel, aluminized steel, or stainless steel? A5. See Picture Below. If not sufficient, please schedule onsite visit with JoAnna Santilli at jsantilli@geaugatransit.com / 440-754-5550

Q6. Reconnect new thermostat to existing control wiring – 120V or 24V controls? One thermostat per unit?



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A6. 120V, 60HZ single phase. See Picture Below. If not sufficient, please schedule onsite visit with JoAnna Santilli at <u>isantilli@geaugatransit.com</u> / 440-754-5550

Q7. Reconfigure flue vent piping for the new system Q7a. All rooftop venting? A7a.Yes

Q7b.Any commonly vented units? A7b.No

Q8. Lastly, the BH series is Robert Gordons economy line. These do not include Pre/Post Purge which helps prevent corrosion and tube rusting (as shown on the project pictures), and they only have a 3-year limited warranty.

A8. As this is a bid, the contractors are evaluated on price. However, contractors have the option to submit an alternate proposal with supporting documentation that describes why the proposal is advantageous to Geauga Transit. Review Section 1.18 of the ITB document.

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► Section 15. Ge			anolis						
General Specifications fo	r BH-Series he	aters are as follows	· Mart Mart		As Development	Contraction of the			
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12.5"		antip all and a state	$\exists \vdash$		CALL CONTRACTOR	AND ARCH	en entrillige		
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	-10.5"-	enders were tarked as		the set of the			The Patrice and		
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				-	Recomn Min. Mou	ntina Ht.	Ht.		
	Model	Rate	Min.	th "A" Max.	Space	Spot	Harden La		
	BH-40	40,000 Btu/hr	10'	10'	8'-10'	8'	EMA		
	BH-60	60,000 Btu/hr	20'	20'	10'-12'	9'	Straball		
	BH-80	80,000 Btu/hr	20'	30'	12'-15'	11'	13-1461		
	BH-100	100,000 Btu/hr	30'	40'	12'-15'	12'	11-1-1-1		
	BH-125	125,000 Btu/hr	30'	50'	15'-20'	15'	No. HA		
	BH-150	150,000 Btu/hr	40'	60'	20'-25'	20'	Sera manuto a		
	BH-175	175,000 Btu/hr	50'	70'	25'+	23'	and the second of the		
	BH-200	200,000 Btu/hr	60'	80'	25'+	25'	wand dogs		
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gure 35. BH-Series Sp	ecifications								
as Pressure at Manifold:			Gas I	Gas Inlet Pressure:					
latural Gas: 3.5" W.C.			Natural Gas: 4.6" W.C. Minimum 14.0" Maximum						
P Gas: 10.5" W.C.			5.0" W.C. Minimum for BH-175, BH-200 LP Gas: 11.0" W.C. Minimum 14.0" Maximum						
1/2" NPT (for BH-40, -60, -80, -100, & -125)									
	511 40, 00, 00	, 100, a 120,							
3/4"NPT (for E	3H-150, -175 &	k -200)							
Report Der 190	e and Addre	A supplimentation							
			Electrical Rating: (All Models)						
					120V- 60 Hz., 1.0 Amp				
			1201	00112., 1.0					