



*Retech Systems LLC*  
*VAR Request for Proposal*

Thank you for your interest in Retech Systems LLC vacuum arc remelting equipment.

In order to provide the best proposal possible, please specify all known information:

**Project Information**

Company Name: \_\_\_\_\_ Purchase Date: \_\_\_\_\_  
Project Name: \_\_\_\_\_ Delivery Date: \_\_\_\_\_  
Plant Location: \_\_\_\_\_ Begin Production: \_\_\_\_\_

Contact Name: \_\_\_\_\_  
Phone/email: \_\_\_\_\_

**Design Parameters**

Metal to Melt? 1. \_\_\_\_\_ Density? \_\_\_\_\_  
2. \_\_\_\_\_ Density? \_\_\_\_\_  
3. \_\_\_\_\_ Density? \_\_\_\_\_

**Electrode and Ingot Design Sizes**

	Diameter	Length	Mass	Void %
Electrode (maximum)				
(other sizes?)				
(other sizes?)				
Ingot (maximum)				
(other sizes?)				
(other sizes?)				

Crucible Sizes?  
Ultimate Pressure?  
Maximum Ram Travel?

Envelope Size: \_\_\_\_\_ Length x \_\_\_\_\_ Width x \_\_\_\_\_ Height

**Other Design Information:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



### **Complete System Information**

Retech VAR Furnace Systems are complete with furnace head, two melt stations, vacuum system, pneumatic system, cooling water system, power supply with copper bus and cables, and control system.

Please indicate if you want Retech to supply the following Main Accessories and Options:

YES	NO
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#### **Furnace Options**


- > Crucibles by Retech
- > Crucible Isolation Valves
- > Stirring Coils
- > Throat Sections
- > Stainless Steel Head Interior
- > Gas Cooling - He
- > Stub Welding in Furnace
- > (3) Camera Ports (larger furnaces only)
- > High Definition Cameras and Display

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#### **Vacuum System**


- > Optional Dry Vacuum Pumps
- > Optional Partial Pressure Control

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#### **Power Supply and Copper Bus/Cable System**

Main Supply: \_\_\_\_\_ V \_\_\_\_\_ Hz \_\_\_\_\_ kVA

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#### **Control System**

I/O Voltage  110VAC or  24VDC

YES	NO
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We appreciate the opportunity to support your melting operations. Please contact us if there is anything else we can provide.

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