



## ALUMINIUM SIPHONING SYSTEM QUESTIONNAIRE

D-003D

*Questionnaires are available for:*

- Tilting Rotary Furnaces
- Melting and Holding Furnaces
- Aluminium Siphoning Systems
- Cremators & Incinerators
- Heating Furnace/Oven/Kiln

**PURPOSE:** To determine scope and preliminary specification for a MAJOR ALUMINIUM SIPHONING SYSTEM and ancillary equipment. It should be completed as fully as possible or left with client for completion.

COMPANY NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

POSTCODE: \_\_\_\_\_

Contact (1): \_\_\_\_\_

Position/Title: \_\_\_\_\_

Contact (2): \_\_\_\_\_

Position/Title: \_\_\_\_\_

TELEPHONE NO: \_\_\_\_\_

FAX NO: \_\_\_\_\_

EMAIL: \_\_\_\_\_

ADDRESS OF PROPOSED SIPHON SYSTEM LOCATION: \_\_\_\_\_

### NATURE OF ENQUIRY\*

FEASIBILITY STUDY? YES  NO

HAVE FUNDS BEEN APPROVED? YES  NO

WILL "ORDER OF MAGNITUDE" PRICING SUFFICE? YES  NO

OR BUDGET PRICE? YES  NO

FORMAL QUOTATION? YES  NO

WHAT IS "DRIVING" THE ENQUIRY (i.e. METAL RECOVERY, QUALITY, SAFETY, ETC)\*?

COMMENTS ON PROJECT PROGRAMME & COMMISSIONING DATE\*

ARE SYPHON SYSTEMS FOR EXISTING SMELTER OR NEW SMELTER: \_\_\_\_\_

ANNUAL SMELTER TONNAGE THROUGHPUT: \_\_\_\_\_

NO. OF HOLDING FURNACES IN CASTHOUSE: \_\_\_\_\_

SIZE OF HOLDING FURNACES: \_\_\_\_\_



ELEVATION OF HEARTH OF HOLDING FURNACES IN RELATION TO THE CASTHOUSE FLOOR:	
CAPACITY OF CRUCIBLES: _____	
HEIGHT OF INSIDE BASE OF CRUCIBLE ABOVE CASTHOUSE FLOOR:	
CRUCIBLE TRANSFER VEHICLE DIMENSIONS: _____	
<u>CASTHOUSE LAYOUT DRAWINGS</u>	
PLAN DRAWING ATTACHED	YES <input type="checkbox"/> NO <input type="checkbox"/>
ELEVATION DRAWING ATTACHED	YES <input type="checkbox"/> NO <input type="checkbox"/>
CASTHOUSE BUILDING ROOF STRUCTURE ARRANGEMENT DRAWING ATTACHED	YES <input type="checkbox"/> NO <input type="checkbox"/>
FURNACE GENERAL ARRANGEMENT DRAWING ATTACHED	YES <input type="checkbox"/> NO <input type="checkbox"/>
<u>OTHER PROJECT REQUIREMENTS:</u>	
MAJOR OFFER A CONSULTANCY SERVICE FOR FURNACES AND RELATED PLANT FOR:	
Conceptual or Detailed Design	- New Plant - Plant Refurbishment - Plant Retrofitting
Feasibility Studies /Recommendations	- Process Options - Energy Conservation - Productivity Improvement - Fuel Conversion
Project Management Turnkey Operations etc.	
SPECIFY INTEREST: _____	

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