



TILTING ROTARY FURNACE QUESTIONNAIRE

D-003E

Questionnaires are available for:

Tilting Rotary Furnaces
Melting and Holding Furnaces
Aluminium Siphoning Systems

Cremators & Incinerators
Heating Furnace/Oven/Kiln

To determine scope and preliminary specification for a MAJOR TILTING ROTARY FURNACE 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 FURNACE 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

EQUIPMENT ESTIMATED PRICE RANGE BY CLIENT (Tick Closest) (✓)*

\$50,000

()

\$250,000 to \$500,000

()

\$50,000 to \$100,000

()

\$500,000 to \$1,000,000

()

\$100,000 to \$250,000

()

> \$1,000,000

()

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

COMMENTS ON PROJECT PROGRAMME & COMMISSIONING DATE* _____

PRODUCT

Product/Metal(s) to be melted? _____

Composition _____



<u>THROUGHPUT:</u>		Kg per hr _____	or Kg per Batch _____
	Hrs per Day _____	Batches per day _____	
	Shifts per week _____		
<u>CYCLE DESCRIPTION</u>			
Eg.	Loading Time _____	minutes	
	Heat from _____ °C	to _____ °C	in _____ minutes
	Heat from _____ °C	to _____ °C	in _____ minutes
	Unload all or part of charge _____	in _____	minutes
<u>FORM OF HEATING</u>		: Natural Gas / LPG / Oil / Other:	_____
AVERAGE FUEL PRICE*		:	_____
<u>SPECIFICATION, i.e. Heating Value (Oil/Gas)</u> _____			
Supply Pressure (Oil/Gas)			_____
Voltage			_____
Hz			_____
Amps			_____
KVA			_____
<u>FURNACE CONTROL SYSTEM & INSTRUMENTATION REQUIRED:</u>			
<u>Examples</u>	<u>Preferred Make</u>		<u>Model</u>
Indicating Temperature Controller			_____
PLC			_____
Touchscreen			_____
Chart Recorder & No. of Points			_____
Other			_____
LOCATION: (Do Special Conditions apply to Site, e.g. Flame Proof?) _____			
REFRACTORIES: (Particular Requirements or Site Specifications?) _____			
LOADING METHOD (If Applicable): Please specify if to be included in scope & describe)			



SPACE / SIZE LIMITATIONS: (If Applicable attach Sketch, Dimensions, Drawings)

AIR EMISSION LIMITATIONS (If Applicable):

OTHER PROJECT REQUIREMENTS:

MAJOR OFFERS A CONSULTANCY SERVICE FOR FURNACES AND RELATED PLANT FOR:

- | | | |
|---------------------------------------|---|--------------------------|
| Conceptual or Detailed Engineering | - | New Plant |
| | - | Plant Refurbishment |
| | - | Plant Retrofitting |
| Feasibility Studies / Recommendations | - | Process Options |
| | - | Energy Conservation |
| | - | Productivity Improvement |
| | - | Fuel Conversion |
| Project Management | | |
| Turnkey Operations, etc. | | |

SPECIFY INTEREST: _____

Please Return To:

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