



## CREMATORS AND INCINERATORS QUESTIONNAIRE

D-003B

*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 CREMATOR OR INCINERATOR 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. CAPACITY, QUALITY, SAFETY, EMISSIONS, ETC)\*?

COMMENTS ON PROJECT PROGRAMME & COMMISSIONING DATE\* \_\_\_\_\_

### PRODUCT

Product(s) to be cremated or incinerated? \_\_\_\_\_



COMPOSITION:	<u>Part Weight (Kg)</u>	<u>Dimensions (mm)</u>
Minimum	_____	_____
Average or Reference	_____	_____
Maximum	_____	_____
DESCRIBE LOADING REQUIREMENTS e.g. MANUAL/AUTOMATED _____		
<u>THROUGHPUT:</u>	Kg per hr _____	or Kg per Batch _____
	Hrs per Day _____	Batches per day _____
	Shifts per week _____	
Reference Installations if appropriate, i.e. similar to _____		
<u>FORM OF HEATING</u>	:	Electricity / Natural Gas / LPG / Oil / Other:
AVERAGE FUEL PRICE*	:	_____
SPECIFICATION, i.e. Heating Value (Oil/Gas) _____		
Supply Pressure (Oil/Gas)		_____
Voltage		_____
Hz		_____
Amps		_____
KVA		_____
HEAT RECOVERY EQUIPMENT COSTING REQUESTED _____ YES <input type="checkbox"/> NO <input type="checkbox"/>		
What is simple pay back period to justify heat recovery equipment? _____ Years		
What is actual energy cost per year on existing equipment (if applicable)? \$ _____		
FURNACE CONTROL SYSTEM & INSTRUMENTATION DESIRED:		
<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?) _____		



REFRACTORIES: (Particular Requirements or Site Specifications?) \_\_\_\_\_

OTHER EQUIPMENT REQUIRED: (e.g. Charging System, Automatic Paging System, Computer Monitoring System, Emissions Monitoring System, Coolroom, Ash Processor, etc.)

(Please specify if to be included in scope & describe)

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

AIR EMISSION LIMITATIONS:



OTHER PROJECT REQUIREMENTS:

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: \_\_\_\_\_

Please Return To:

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