

Tender Document

Date: 30 Sep 2021

Rev.: 1.1

A. Tender Specifications

i. Tender Overview

This tender is about a whole Induction Furnace System for lead and lead compounds melting.

ii. Detail specification

Parameters	Specifications / requirements
Materials input into the furnace	Lead metals and lead carbonate
Materials output from the furnace	Melt lead
Induction coil with power rating	Min. 2000kw
Batch size	Lead grid/scrap: Min. 6 MT Max. time per batch: 4 hrs Lead carbonate: Min. 2.5 MT Max. time per batch: 6 hrs
Water cooling system	To be included with adequate capacity
Dust hood	Position can be adjusted to facilitate the dust and smoke collection
PLC control cabinet with touch screen interface	Power cables included, from the control cabinet to the equipment. Please specify the length
Hydraulic system	For lifting the whole furnace during the molten lead casting
Installation, testing and commissioning guidance	Remote guidance and supervision on installation, testing and commission are required

iii. Location of using the equipment

Address: EP11-01, EcoPark, 133 Lung Mun Road, Tuen Mun, N.T., Hong Kong SAR

iv. Expected date of delivery: within 6 months

v. Other requirements

a. Min. one year warranty included with the below terms and conditions

- i. The equipment is operated under normal condition
- ii. The equipment is operated by trained operator

- iii. The equipment does not have signs of external damages
- b. A set of equipment drawings, process flow chart, floor plan and technical reference should be provided
- c. Acceptable languages: Chinese and English

B. Prices Specifications

The quoted price must include:

- i. Delivery cost, DDP Hong Kong with address mentioned in Part A (iii)
- ii. Delivery Insurance
- iii. Warranty (if it is separated)
- iv. Technical guidance for installation, testing and commissioning
- v. Currency: HKD or USD

Optional items, please quote separately

- i. On-site installation supervision
- ii. Unit cost of some consumable parts

C. Submission of tender

- i. Tenderers please send your tender to the below email.
tender@hkbr.com.hk
- ii. Tender submission period: 6th Oct – 26th Oct 2021
- iii. Content of the tender shall include, but not least, the below information. Tender with any missing information below would not be considered.
 - a. Introduction to your company, either showing the induction furnace manufacturing experience OR waste lead acid batteries recycling equipment supply reference.
 - b. Price information mentioned in Part B
 - c. Requirements mentioned in Part A

D. Terms and Conditions

- i. Tenderers must show their relevant job reference for supplying the induction furnace OR relevant job experience in manufacturing or supplying Lead Acid Batteries recycling equipment.
- ii. Tender period: From 6th October at 8am to 26th October 2021 at 12pm.

- iii. Preferable payment terms: 10% deposit, 60% before cargo delivery, 30% after successful testing and commissioning.
- iv. For the delay of the cargo delivery. 0.5% of the total project sum per day will be charged.
- v. For any dispute that cannot be resolved by both parties, any party may settle the dispute by arbitration in the Hong Kong Special Administrative Region in accordance with the Hong Kong International Arbitration Rules by an arbitral tribunal composed of one or more arbitrators appointed in accordance with the Arbitration Rules. Arbitration shall be conducted in English.

E. Enquiry about the tender

For technical issues or clarifications of the terms, conditions and specifications of the tender, please send email to alan.mok@hkbr.com.hk. No reply will be given for questions related to budget or price related information.