



BRAITHWAITE & CO LIMITED  
(A Government of India Undertaking)

HEAD OFF. & REGD. OFF. : 5, HIDE ROAD, CALCUTTA – 43,  
TEL 2439-7415, 2439-7413

FAX : 2439 7632 / 2439 5607 E-MAIL : braithwaite\_co@yahoo.com

Ref : Tender Enquiry No. BWT/CORP/PUR/CW/FDF/05(Rev)/NPG/2009 Dated : 9/5/2009

Dear Sirs,

Please quote your rates and delivery/ completion time for Repair & Renewal of the Duct including overhauling of oil fired furnaces with supply of necessary materials at BCL – Clive Works:

Sl. No.	Brief description of items	Quantity
01	<p>Repair &amp; Renewal of the Duct including overhauling of oil fired furnaces with supply of necessary materials.</p> <p><b><u>Specification of Furnace</u></b></p> <p>(a) i) Plant No. - Y49, Y-50, Y-80 &amp; Y-81 (Line furnace) ii) Plant No. - Y-111 (Compulsory) (Big furnace)</p> <p>(b) Location - Black Smith Shop</p> <p>(c) Furnace Type - Oil fired furnace (Burner type)</p> <p>(d) End products - Hot components for forging</p> <p>(e) Charging temp. - 200° C - 250° C</p> <p>(f) Discharge temp. - 800° C - 900° C</p> <p>(ij) Heat recovery system - Nil</p> <p>(j) Control - Manual</p> <p>(k) External dimension of the furnace (Line) - 7'-6" length X 5'-0" width X 5'-6" height</p> <p>(l) External dimension of the furnace (Big) - 5'-6" width X 5'-6" height X 16'0" Lg</p> <p>(m) Chimney rectangular cross Section - (1'-3" x 0'9") x 60'-0" Height</p> <p><b><u>Scope of Work mentioned in Annexure-A</u></b></p>	<p>4 Nos.</p> <p>1 No.</p>

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Your Quotation shall comprise of two parts –

- (a) Part-I : Techno-commercial Bid**
- (b) Part-II : Price Bid**

Both the parts shall be submitted separately in two envelopes and these shall be put in a 3<sup>rd</sup> envelope and all the 3 envelopes shall be super-scribed with our Tender Enquiry No. BWT/CORP/PUR/CW/FDF/05(Rev)NPG/2008 Dated :09.05.2009. Due on 25.05.2009

The sealed quotation should reach us by 25.05.2009.

Quotation must be sent in sealed cover either by Registered Post or may be dropped in our Tender Box No. 2 in case of hand delivery.

Sealed quotations addressed to Sr. Manager (Purchase), Braithwaite & Co. Ltd, (Clive Works), 5 Hide Road, Kolkata 700 043 may be dropped in our tender box no. 2 (in case of hand delivery) or may be sent by Registered Post but must reach us positively within 25.05.2009. The Techno-commercial bid will be opened on 26.05.2009. You may be present during opening of the techno-commercial bid.

An unconditional acceptance of commercial terms & conditions stipulated in Annexure-B of this tender enquiry is to be given alongwith the offer.

For Braithwaite & Co. Ltd.,

N P Ghosh  
Assistant Manager (Purchase)

Encl: as above

## Annexure-A – Scope of Work

- 1) Complete renovation of the flue duct passage including total replacement, relining of the furnace bed, side walls and top walls (Roof) of the furnaces to be done.
- 2) Repairing/Part replacement of the chimney/Total Replacement of the Chimney including strengthening of the chimney base, clamping of the chimney and tie wires of the chimney to be fitted.
- 3) Party will have to make new doors and fit these door properly with the furnaces, if required.
- 4) Compressed air line or blower line with blower motor etc. to be fitted properly by the party.
- 5) Painting the base of the chimney.
- 6) Burner blocks to be replaced, if found damaged. Oil burners to be fitted properly.
- 7) Total installation and commissioning of the furnace to be done.

## Annexure-B – Terms & Conditions

**Party's Responsibility** – Party would supply adequate Manpower including gas cutter + welder. All tools & tackles, , welding accessories (electrode holder + electrodes etc.), Gas cutting accessories (Gas cutter, gas cutting set, gas pipes) measuring instruments, fire bricks, fire clays, fire cement, chimney clamps, fasteners, wires, gaskets, wire clamps synthetic enamel aluminium paint and black paint.

**BWT Responsibility** : BWT would supply electric power including welding bus bar line, welding machine, gas and co2 cylinders, O/head crane facility with crane driver, water, compressed air, material storage space etc. BWT will supply al M S Section, blower, motor and starter and pipelines and primer for painting.

A. Joint Inspection Report - Joint Inspection is compulsory before submission of tender and price bid would not be opened at all, if the joint inspection report (J.I.R) in the prescribed format is not submitted along with the techno-commercial bid part.

Format of Joint Inspection Report

Sl. No.	Furnace No.	Observation		Remedial Measure	Remarks
		OK	Not OK		

**Declaration:** - I/We are submitting this tender after being shown / explained all the parameters of the job during Joint Inspection and I / We are submitting our offer after all our queries were satisfactorily responded to.

\_\_\_\_\_  
Signature of BWT authority  
party  
Date

\_\_\_\_\_  
Signature & Official seal of the  
Date

**Part-I : Techno-commercial Bid : General Terms & Conditions :**

**Earnest Money Deposit (E.M.D):** Rs. 5000/- (Rupees Five thousand only) E.M.D. is required to be deposited as Bid Security and to be submitted in the form of Demand Draft/Pay Order in favour of "Braithwaite & Co. Ltd.," payable at Kolkata or you may deposit EMD in the form of Bank Guarantee which will be valid for 6 months from the date of opening of the tender.

**Security Deposit :** 10% of the order value only in the form of Bank Guarantee from an Indian Nationalised Bank to be submitted by the successful bidder within 10 (ten) days on receipt of Purchase Order.

**Performance Bank Guarantee :** 10% of the order value in the form of DD/Pay Order/Bank Guarantee from an Indian Nationalised Bank to be submitted after completion of the job valid till the guarantee/warranty period. However, Security Deposit may be converted to Performance Bank Guarantee.

**Payment :** 90% after completion and successful commissioning of the repairing job. . Cheque will be handed over after successful completion of repairing of the job done. Balance 10% payment will be released after 6 months from the date of commissioning. The job/ bill will be certified by Incharge (Maint.)-CW.

**Delivery/Completion of job :** Within 120 days from the date of receipt of purchase order.

**Offer should remain valid for 90 days** from the date of opening of this tender.

Quoted rate shall remain firm till completion of the job and price variation shall not be entertained.

Price should be quoted both in figures and words and your quotation must be free from any kind of overwriting, alteration and corrections

**Liquidated Damages:** In the event of failure to supply materials within the stipulated delivery date, BWT reserves the right to recover a sum of 0.5% for every week or part thereof by way of Liquidated Damages, subject to a maximum of 10% of the undelivered quantity.

**Risk Purchase :** In the event of your failure to supply the materials we reserves the right to procure the items mentioned in our purchase order from alternative sources on Risk Purchase basis and recover the extra cost thereof, if incurred from you.

**Arbitration :** Any dispute and difference, whatsoever, arising between the parties out of or relating to the installation, meaning, scope, operation or effect of this contract or validity or the breach thereof shall be settled by arbitration in accordance with the Rules of Arbitration of the Indian Council of Arbitration and the award made in pursuance thereof shall be binding on the supplier.

**Guarantee :** 6 months from the date of commissioning of the job.

The Contractor will fulfill all statutory obligations.

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The Contractor will maintain necessary registers as prescribed by the various acts in respect of their employees at their cost. They will also comply with all other labour laws, rules & regulations and directives in force or framed/issued from time to time by Govt. or any local or duly constitution authority applicable to the work for which no extra charge will be paid by us.

**Jurisdiction** : Any legal dispute that may arise will be settled within the jurisdiction of court of Kolkata.

**PART – II : PRICE BID**

- (i) The Rate will remain firm till execution of the order.
- (ii) The Rates to be quoted both in figures and words.
- (iii) Overwriting in price figure of the quotation will be rejected.
- (iv) The bidder shall submit rate in the following format.

Sl.No.	Brief description of items	Qty	U/Rate	Total Amount
	Repairing & Renewal of Flue Duct of Furnaces of oil fired furnaces at B S S of BCL-CW			
(a)	Plant No. Y-49, Y-50, Y-80 + Y-81	4 Nos.		
(b)	Plant No. Y-111	1 No.		
	<b>+ Taxes &amp; duties, if any.</b>			

For Braithwaite & Co. Ltd.,