



## BRAITHWAITE & CO LIMITED

(A Government of India Undertaking)

SUBSIDIARY OF BBUNL

Accredited with Quality Standards

ISO 9001 for Cranes / ISO 9002 for Railway Wagons

HEAD OFF. & REGD. OFF. : 5, HIDE ROAD, CALCUTTA - 43, TEL 2439-7415, 2439-4114, 2439-6613, 2439-7413

E MAIL : [purchase@braithwaiteindia.com](mailto:purchase@braithwaiteindia.com) FAX : 91 (033)2439 7632 / 2439 5607.

TENDER ENQUIRY NO. BWT/PUR/CORP/SP-/11/2006

Dated : 04. 07.2006

Dear Sirs,

Please quote your prices for the following articles, including packing and free delivery to BCL-Angus Works:

### Scope of Supply :

Sl.No	Description of items	Qty
01	Supply of combined Crane Control Panel for operation Hoist, C.T & L T Motion as per following technical specifications : Sheet Steel (2.0 mm cold roller M.S. Sheet/Indoor, IP-54 totally enclosed floor-cum-wall mounting type Crane Control Panel for controlling the following –  (a) Protective Panel & Hoist Panel (b) C.T. & H.T Panel The detailed technical specifications mentioned in enclosed Annexure-I	4 Nos. 4 Nos.

A) Your quotation should reach us by 17.07.06

B) Your quotation shall comprise of two parts -

- (i) Part- I : Techno-commercial Bid
- (ii) 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 superscribed with our TENDER ENQUIRY NO. BWT/PUR/CORP/SP-/11/2006 Dated : 04.07.2006 and due on 17.07.06

The quotation will be considered as cancelled if the documents required for Part-I & Part-II are not placed in the respective envelope.

c) 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.

d) Sealed quotations addressed to Manager (Purchase), Braithwaite & Co. Ltd., 5 Hide Road, Kolkata 700043 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 17.07.06 The techno-commercial part will be opened on 18.07.06 at 2.30 PM You may present during opening of the tender.

For Braithwaite & Co. Ltd

Asstt. Manager (Purchase)

Note : Rs. 100/- by way of DD/Pay Order in favour of Braithwaite & Co. Ltd – Kolkata should be given alongwith your offer towards the cost of tender documents.

Encl: Annexure – I

(A)	PROTECTIVE PANEL & HOIST PANEL:	QTY
	- 125A TPN isolating switch Unit having interlocking unit with door	1 No.
	- 125A HRC Fuse with fittings	3 Nos
	- 105A T.P. Main Contactor.	1 No.
	- 500VA 400/440V +/- 10% 220V rated control Transformer.	1 No
	- 10A & 16A D.P.M.C.B rated 9 KA	2 Nos
	- 10A Socket (2 Pin plus Earth ) for hand lamp unit having 5 mtr P.V.C. flex able cable.	1 No.
	- Set of indicating lamp (3 nos – Power 1 No –Control)	1 set
	- Set of Door Limit Switch with maintenance lamp.	1 set
	- Set of Terminals	1 set
	- Start & Stop push Botton Switch	1 no each
	- Start Stop & Emergency push botton unit in sheet steel enclosure.(in separate unit)	1 set
	<b>HOIST PANEL:</b>	
	- 125A HRC Fuse with fittings	3 nos
	- 105A T.P. Contactor for starter	3 Nos
	- 63A T.P. Contactor for rotor	4 Nos
	- TP Magnetic overload relay with 90% to 150% setting of FLC-32A	1 No
	- 10A auxiliary contactor	2 Nos
	- 16A T.P. Contactor	1 No
	- 10A D.P.M.C.B rated 9 KA	1 No
	- Pneumatic timer	4 Nos
	- 10A rated HRC Fuse with fittings	3 Nos
(B)	<b>L.T. &amp; C.T. PANEL:</b>	
	- 16A T.P. Contactor	2 Nos
	- 20A HRC Fuse with fittings	3 Nos
	- 50A HRC Fuse with fittings	3 Nos
	- 63A T.P. Contactor for starter	2 Nos
	- 40A T.P. Contactor for rotor	4 Nos
	- Pneumatic timer	4 Nos
	- TP Magnetic overload relay with 90% to 150% setting of FLC-12A	1No
	- 10A D.P.M.C.B rated 9 KA	1 No
	- 10A auxiliary contactor	2 Nos
	- Set of Terminal	1 set

- NOTE:
- i) All Power & control will be done by P V C 1.1 KV grade copper cabale.
  - ii) Minimum size of control cable will be 2.5 sq mm stranded copper cable.
  - iii) Minimum size of power cable will be 4.0 sq stranded copper cable.
  - iv) Terminal height will be 300mm from bottom of the panel
  - v) Lift-off type hinged door with suitable locking arrangement to be provided
  - vi) Eye bolt for lifting of panel to be provided.
  - vii) Make of components –
    - a) Contactor – Siemens/L & T/G.E
    - b) Timer : BCH
    - c) Over-load Relay: Electogear/Kilburn
    - d) M.C.B. L & T/Standard/G.E.
    - e) Socket : BCH/G.E
    - f) Terminal : Elmech
    - g) Fuse : Siemens/L & T/G.E.
    - h) Switch : Siemens/L & T/G.E.
  - ix) 2 coats of finished paint to be applied.

- Note:
- 1) Dimensional drawing, schematic, drawing, material list & make of components to be forwarded along with offer.
  - 2) Circuit drawing, Termination drawing to be forwarded for approval.
  - 3) Proper ferruling and identification mark of components to be incorporated in the panel.
  - 4) Inspection will be carried out by BWT
  - 5) Test Certificate in details and G.C. for 12 months from commissioning/18 months from the date of dispatch to be forwarded.

Contd ...AnnexureII

PART-I : TECHNO-COMMERCIAL PART**1. General Terms & Conditions:****2. Earnest Money Deposit (E.M.D):\_Rs. 1000/- (Rupees one 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. However, for SSI Units with single point registration with NSIC, payment of EMD/Security deposit can be considered for exemption to the extent of monetary limit granted on submission of valid NSIC registration certificate. Copy of the valid NSIC Registration Certificate should be furnished.

**3. 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.

**4. Performance Guarantee :** 10% of the order value in the form of Bank Guarantee from an Indian Nationalized Bank to be submitted duly valid till completion of guarantee/warranty period. However, Security Deposit may be converted to Performance Bank Guarantee.

**5. Payment :** 90% against Proforma Invoice. Cheque would be handed over after receipt of materials in good conditions. Balance 10% will be released after successful conditions.

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

7. Rate quoted shall remain firm till execution of the order. Rate should be mentioned in figure as well as in words.

**8. Inspection :** will be done by BCL Representative.

**9. Packing Identification Mark :** Vendor should pack the materials so as to avoid loss or damage during handling and transport by Rail/Road. Each package should contain a packing note mentioning the name of the vendor, number and date of order, nomenclature of the stores etc.

**10. Notwithstanding anything stated in this clause, the vendors shall be responsible for loss/damage/depreciation of the materials due to faulty, unprotected and insecure packing.**

**11. Loading & Unloading of materials :** Loading & unloading of materials from the transport during delivery of the materials will be the responsibility of vendor.

**12. Delivery :** Materials will be delivered within 3 months from the date of receipt of approval drawing.

**13. 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.

**14. 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.

**15. Force Majeure :** For the purpose of this clause, "Force majeure" means and even beyond the control of the Supplier and not involving the supplier's fault or negligence and not foreseeable. Such event may include, but are not restricted to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes. If a Force Majeure situations arises, the supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical

and shall seek all reasonable alternative means of performance not prevented by the Force Majeure event.

**16.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.

17.Any legal dispute that may arise will be settled within the jurisdiction of Court of Kolkata

18.Alteration/inclusion/deviation will not be allowed once the bid is submitted.

19.Braithwaite reserve the right to terminate the order by giving 7 days notice, at any point of time.

**20.Quantity variation** : Braithwaite reserve the right to split up the tendered quantity within more than one bidder without assigning any reason. Quantity as stated in the tender may vary as per discretion of Braithwaite.

**21.Guarantee/Warranty:** The material shall be guaranteed for 12 months from the date of supply. TC/GC to be provided.

**22.Unconditional acceptance of the terms & conditions** as mentioned above should be given by the tenderer along with their offer.

### **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.

Sl.No.	Description of item	Quantity	Unit Rate	Total Amount
01	Supply of combined Crane Control Panel for operation Hoist, C.T & L T Motion as per following technical specifications : Sheet Steel (2.0 ;mm cold roller M.S. Sheet/Indoor, IP-54 totally enclosed floor-cum-wall mounting type Crane Control Panel for controlling the following –  (c) Protective Panel & Hoist Panel (d) C.T. & H.T Panel	4 Nos. 4 Nos.		+ Taxes & Duties, if any

For BRAITHWAITE & CO. LTD