



BRAITHWAITE & CO LIMITED
(A Government of India Undertaking)
SUBSIDIARY OF BBUNL

Accredited with Quality Standards

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 : FAX : 91 (033)2439 7632 / 2439 5607

Ref: Tender Enquiry No. BWT/CORP/PUR/SP-160/NPG- 2008

Dt. 22 .07.2008

Dear Sirs,

Please quote your prices for –

Sl. No.	Brief description of items	Qty.
	(PF COMPENSATION SYSTEMS)	
01	Complete Installation, Testing, Commissioning & Handing Over of 350 KVA, 400V 3 Phase Capacitor Panel & Capacitor Bank at Angus Works	1 Set
02	Complete Installation, Testing, Commissioning & Handing Over of 200 KVA, 400V 3 Phase Capacitor Panel & Capacitor Bank at Angus Works.	1 Set

[The above work to be done as per Enclosed Technical Specifications mentioned in Annexure-I]

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 3rd envelope and all the 3 envelopes shall be superscribed with our Tender Enquiry No. BWT/CORP/PUR/SP-160/NPG- 2008 Dated 22.07.2008 and due on 07.08.2008.

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

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 Dy. General Manager (BD), 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 06.08.2008. The techno-commercial bid may be opened on 07.08.08 at 2.30 p.m. You may present during opening of the tender.

An unconditional acceptance of commercial terms and conditions stipulated in Annexure-II of this tender enquiry is to be given along with the offer.

For Braithwaite & Co. Ltd.,

Encl: Annexure-I & II

N. P. Ghosh
Assistant Manager (Purchase)

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

INSTALLATION, TESTING, COMMISSIONING OF AUTOMATIC POWER FACTOR CORRECTION METER PANEL AT BCL-ANGUS WORKS

Job Description

Sl.No.	Description of job	Qty (approx)
1.	<p>Installation of 2 sets Capacitor Panel & 2 sets Capacitor Bank (350 KVA & 200 KVA capacity) means manufacturing of required Base Frames for capacitor panels & Banks. Gas-cutting, Welding, Drilling & fittings job to be done by the contractor.</p> <p>After installation & connection Testing & commissioning / handing over the entire system is contractor's responsibility.</p> <p>(Rate to be quoted for each Capacitor Panel & each Capacitor Bank)</p>	2 sets each
2.	<p>Cable laying work (Over ground) is to be done through Cable Tray laying along with termination with crimping lugs and necessary grinding and fixing job.</p> <p>Size of cables as follows :</p> <ol style="list-style-type: none"> 1. 3 Core X 150 Sq. mm. Al armored Cable 2. 3 Core X 70 Sq. mm . Al armored Cable 3. 3 Core X 50 Sq. mm. Al armored Cable. <p>(Rate of laying Cable to be quoted as per meter basis including supply of any two of above.)</p>	<p>Work to be done including supply of cable.</p> <p>60 mtrs 120 mtrs 150 mtrs</p>

1.0 Scope of Work :

- a) Complete Installation, Testing, Commissioning & Handing over of 350 KVA, 400V 3 Phase Capacitor Panel & Capacitor Bank at Angus Works. Civil work, Fabrication work (Preparation, Drilling, Fittings, Welding etc.) for installation of 350 KVA, 400V 3 Phase Capacitor Panel & Capacitor Bank, Laying of cables & Termination current limiting Reactors and discharge Resistance with Panel & existing Bus Bar System. Approx cable length is 60 mtrs & Terminations are 8 nos.
 - b) Complete Installation Testing, Commissioning & Handing over of 200 KVA, 400V 3 Phase Capacitor Panel & Capacitor Bank at Angus Works. Civil work, Fabrication work (Preparation, Drilling, Fittings, Welding etc.) for installation of 350 KVA, 400V 3 Phase Capacitor panel & Capacitor Bank, Laying of cables & Termination current limiting Reactors and discharge Resistance with Panel & existing Bus Bar System. Approx cable length is 60 mtrs & Termination are 8 Nos.
- 2.0 Materials : Raw Materials (Steel sections), Consumables, (Oxygen, RLH Super Gas & Electrodes only.) other electrical items except cable, Lug & Gland shall be supplied by Braithwaite. Materials for Civil work (Reinforcement, Stone Chips, Sand, Cement, Silver sand & etc.) or any other materials if require to complete the job is totally contractor's responsibility.

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- 3.0 Loading, unloading and carrying : Braithwaite shall provide only Space, Electric Power, water. Loading, unloading and carrying and handling of materials during execution of civil works, Fabrication work & cable laying work shall be the responsibility of the contractor. Cranes, if absolutely needed shall be provided by Braithwaite depending on availability and discretion of Shop in charge.
- 4.0 Machineries, Tools & Tackles, Labourers : All parts and machineries (Welders M/cs, Gas Cutting Sets Drilling sets etc.) will be supplied by Braithwaite. Handling equipment, Tools & Tackles, accessories experienced Fabricators / Welders & other related labourers mentioned with this indent or not but required to execute the total job successfully shall be arranged by the contractor.
- 5.0 Workmanship & Quality of Work : The job to be carried out as per relevant BIS specification and direction of engineer in charge. The contractor should clear the site after execution of the job. Regarding workmanship, the contractor should abide the decision of engineer in charge.
- 6.0 Prior to submission of offers, Bidder may contact Maintenance Department for any clarification. The quantity of items may vary + / - 15%.
- 7.0 The bidder shall quote unit rate i.e. each Capacitor Panel & Capacitor Bank. Payment shall be made on actual job executed by the contractor.

PART-I : TECHNO-COMMERCIAL BID**GENERAL TERMS & CONDITIONS:**

TENDER ENQUIRY NO. BWT/CORP/PUR/SP-160/NPG- 2008 Dt. 22.07.08

- 1) EMD : 2,000/- (Rupees Two Thousand only): EMD is required to be deposited as Bid Security and to be submitted in the form of DD/Pay Order in favour of Braithwaite & Co. Ltd payable at Kolkata. However, for SSI Units 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.
- 2) Credentials: Tenderer must submit the following documents as part of techno-commercial bid:

Copies of Purchase Orders for similar type of job done .
- 3) Security Deposit : @ 10% of the order value only in the form of DD/Pay/ Order/Bank Guarantee from an Indian Nationalised Bank to be submitted by the successful bidder within 10 days from the date of receipt of purchase order.
- 4) Performance Guarantee : After completion of the job. 10% of order value in the form of Bank Guarantee from an Indian Nationalised Bank to be submitted duly valid till completion of guarantee/warranty period. However, Security Deposit may be converted to Performance Bank Guarantee.
- 5) Payment: 100% within 30 days from the date of commissioning/completion of the job.
- 6) Validity : Offer should remain valid for a period of 90 days from the date of opening of this tender.
- 7) Quoted rate should remain firm till completion of the job and price variation shall not be entertained.
- 8) Price should be quoted both in figures and words and your quotation must be free from any kind of overwriting, alteration and correction.
- 9) BWT shall reserve the right to increase or decrease the ordered quantity at the same rate and terms.
- 10) BWT shall reserve the right to split up the tendered quantity.
- 11) BWT shall reserve the right to accept or reject the tender partly or fully without assigning any reason.
- 12) Liquidated Damages : In the event of failure to complete the job within the stipulated completion period, BWT reserves the right to recover a sum of 0.5% for every week or part thereof by way of LD subject to maximum limit of 10% of the ordered value.
- 13) Risk Purchase : In the event of failure on the part of the contractor to complete the job, BWT reserves the right to get the job done by other agency/agencies as per the purchase order and shall recover the extra cost thereof, if incurred, from contractor.

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- 14) Arbitration : Any dispute or difference whatsoever, arising between the parties and the purchaser out of relating to the construction, meaning, scope, operation or effect of the contract or validity or the breach thereof shall be settled by arbitration in accordance with the Rules of Arbitration in pursuance thereof shall be binding on the contractor.
- 15) Guarantee/Warranty : The job shall be guaranteed for a period of 12 months from the date of commissioning. GC/WC to be provided.
- 16) Completion Period: Within 30 days from the date of receipt of Purchase Order/receipt of all materials from BCL end.
- 17) Loading & Unloading of materials : Loading and unloading of materials from the transport during delivery of the materials will be the responsibility of the vendor.
- 18) Any legal dispute that may arises should be settle within the jurisdiction of Court of Kolkata.
- 19) The tender is not transferable
- 20) The contractor and his employees should follow all the instructions given to the contractor or his authorised representative by the purchaser while doing the job within the premises of the purchaser.
- 21) The contractor's workmen should be covered by proper insurance against any injury / accident and/or death. Braithwaite will not be responsible on this account under any circumstances. The contractor shall observe all safety rules and regulations as per requirement of the particular nature of work. The contractor will also fulfill statutory obligations.

For Braithwaite & Co. Ltd.,

PART – II: PRICE FORMAT

- 1) The rate will remain firm till completion of supply.
- 2) The rate to be quoted both in figures and words.
- 3) Overwriting in price figure of the quotation will be rejected.
- 4) The bidder shall submit rate in the following format.

Sl. No.	Brief description of items	Qty	Rate(Rs.)	Total Amount (Rs.)
01	Complete Installation, Testing, Commissioning & Handing Over of 350 KVA, 400V 3 Phase Capacitor Panel & Capacitor Bank (Detailed mentioned in Annexure-I)			
	(a) Capacitor Panel	1 Set		
	(b) Capacitor Bank	1 Set		
02	Complete Installation, Testing, Commissioning & Handing Over of 350 KVA, 400V 3 Phase Capacitor Panel & Capacitor Bank (Detailed mentioned in Annexure-I)	1 Set		
	(a) Capacitor Panel	1 Set		
	(b) Capacitor Bank	1 Set		
23.	Cable laying work (Over ground) is to be done through Cable Tray laying along with termination with crimping lugs and necessary grinding and fixing job. Work to be done including supply of cable. Size of cables as follows : 1)3 Core X 150 Sq. mm. Al armored Cable 2)3 Core X 70 Sq. mm . Al armored Cable 3)3 Core X 50 Sq. mm. Al armored Cable. (Rate of laying Cable to be quoted as per meter basis including supply of any two of above.)	60 mtrs 120 mtrs 150 mtrs		
	+ Taxes & Duties, if any			
	Total			

For Braithwaite & Co. Ltd.,