



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

Ref: Tender Enquiry No. BWT/PUR/CORP/SP-193-EOT/NPG 2006

Dt 22. 06.2006

Dear Sirs,

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

Scope of Work :

Brief description of work	Quantity
Erection, Testing & Commissioning and Handing over of 10T x 12.2M Span E.O.T Crane at Angus Foundry Shop	3 Nos.
Scope of work : As per Enclosure 'A'	

A) Your quotation should reach us by 04. .07 .2006.

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 3rd envelope and all the 3 envelopes shall be superscribed with our Tender Enquiry No BWT/PUR/CORP/SP-193- EOT /NPG 2006 dated 22.06.2006. Due on 05 .07.2006.

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

D) 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.

E) Sealed quotations addressed to Sr. Manager (Capital Projects), 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 04 .07. 2006. The techno-commercial part will be opened on 05.07.2006 at 2.30 PM. You may present during opening of the tender.

For Braithwaite & Co. Ltd

Assistant Manager (Purchase)

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

Tender Enquiry No.BWT/PUR/CORP/SP-193 EOT/NPG 2006

Technical specification for erection, testing and commissioning of 10T EOT crane.

A) General Information:

- a) Location of site : Angus Foundry Shop
- b) Completion period : As per our requirement
- c) Technical details
 - i) Type : EOT crane, cabin operated
 - ii) Capacity : 10T
 - iii) Span : 12.2 mtr.
 - iv) Weight of each girder : 5.8T
 - v) Weight of Trolley : 4.8T
 - vi) Total weight of crane : 25T
 - vii) Height of lift : 7.725 mtr. from ground level
 - viii) Power supply : 415V \pm 10%, 3Ph, 50Hz through DSL system
 - ix) Length of bay : 125 mtr. (approx.)

B) Pre-condition for execution of job:

- a) The party must visit the site and get fully acquainted with site condition and facilities available. No site problem will be entertained in future.
- b) Detailed erection scheme stage-wise to be submitted with offer given details of erection equipment which will be used during erection, commissioning and testing.
- c) The party must have PF and ESI registration number.
- d) Braithwaite reserves the right to accept or reject any or all offers without assigning any reasons.
- e) Braithwaite also reserves the right to terminate the whole or any parts of the contract in case of failure to carry out the work satisfactorily and get the job done through other agencies at party's risk and cost.
- f) The license of electrician and welders' test certificate must accompany with the quotation.
- g) The price will remain firm till contract is closed.

C) Braithwaite's responsibility:

- a) Supply of all drawings, DODL, Fasteners list, Materials list, required for erection of site.
- b) Supply of all job materials, Fasteners, Lubricants as per drawing and Bill of Materials (DODL Fastener list, Materials List) unless otherwise stated.
- c) To provide open space as and where available near the site of the work for construction of site, store cum office as well as tacking of materials and ground assembly of the equipments.
- d) To arrange free access to the site for your personnel.
- e) To arrange supply of electricity for erection and commissioning and testing – 415V, 3Ph, AC, 100 Amp. Free of cost at one point.

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D) Contractor's Responsibility:

- a) To arrange for license with the local Labour Department or other appropriate authority.
- b) To engage qualified and experienced Supervisor to take charge of the site and execute day-to-day site work as per instruction of competent authority of Braithwaite.
- c) The party should engage qualified and experienced welders, if required welders may have to give test for our satisfaction.
- d) The party to provide accommodation and transportation to and from site for your personnel.
- e) The party should engage license holder experienced Supervisor and Electrician for electrical work and testing & commissioning.
- f) To cover and fulfill condition and provision of the Contract Labour Act, 1970, PF Act and local Shop & Establishment Act as applicable.
- g) Whenever required to keep the men on over time as per instruction of Braithwaite's representative and to withdraw any workmen who in the opinion of our representative are incompetent or felt otherwise.
- h) The party should regulate the labour force strictly as per our representative's instruction, withdraw from any workmen from site can be done duly after obtaining written permission from our representative.
- i) To arrange all lifting equipments and tools required for ground assembly and erection viz. Mobile crane, Derricks, Welding sets, Gas cutting sets, Grinding machine, Drilling machine, all hand tools including torque wrench, service bolts, barrel drills, crimping machine, all electrical measuring and testing equipments required for commissioning of the crane. All tools and equipments should be properly tested.
- j) For any extra work, if necessary the party has to supply all necessary manpower, tools and tackles. The party should maintain a register for extra work and obtain signature of our representative and bill for such work to be submitted. Extra work, if necessary, to be forwarded through in-charge of the site for reasonable consideration.
- k) As per clause no. C(e) Braithwaite shall arrange electricity and water near site, but installation of switches, valves will be at party's cost and responsibility.
- l) The party should strictly follow all safety rules & regulation and IE rules.

- m) If required, party is responsible to obtain clearance / certification from the local or district electricity authority for electrical installation or of the subject crane without any extra cost.
- n) There may be some periodical holdup in continuity of supply of materials and for any other reasons whatsoever for which no claim for idle labour will be entertained.
- o) The party must pay the wages to the workmen regularly in presence of our representative. A copy of monthly pay sheet to be forwarded to our representative every month alongwith party's PF and ESI statement Monthly wage statement to be enclosed with the bill.
- p) Site cleaning as and when required and finally after completion of job dismantling of site office / store etc. removing debris and sending back surplus returnable materials to Braithwaite Store and handing over clear space for re-use.

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- q) Construction of site office cum store of temporary nature and removal of the same after completion of work at party's cost.
 - r) Contractor must submit a list containing names and experienced working force, including supervisor, electrician and welder to the in-charge of Braithwaite before mobilizing the site.
 - s) Crane to be tested by the competent authority and necessary original certificate to be forwarded to Braithwaite for ISO purpose.
- E) Scope of Work:
- a) Loading and unloading of crane materials / sorting out at site and storage yard from track/trailers, properly stacking for storage and subsequent removal to erection site.
 - b) Safe guarding and providing weather protection of all the materials throughout duration of the work without any extra claim.
 - c) Safe guarding of office cum store and storage yard us also within the Scope of Work.
 - d) Assembly of structural on grounds prior to erection whenever necessary.
 - e) Erection of all structural and mechanical items in position. All contact surfaces within will have to be thoroughly cleaned, dressed and painted with one coat of primer to erection.
 - f) Alignment of all structural and mechanical items before final fixing by bolting/ welding, fixing of cabin glass panes if required.
 - g) Erection of all electrical accessories, fixing of conduit, cable trays, cable laying, dressing, clamping, grinding, termination, termination of cables, marking and complete electrification including fabrication of stallage / fixture, cleats, clamps etc. to be done as per instruction of Braithwaite's representative. Earthing work also to be done as per IE Rules.
 - h) Any other allied job for completion of erection and commissioning.

- i) Preliminary Acceptance Test (PAT) and trial run of the equipment.
- j) Rectification and modification which may be necessitated during PAT and trial run of the equipment.
- k) Painting to be done as per painting schedule.
- l) Paint to be supplied by us.
- m) Load testing, commissioning and handing over of the equipment to Braithwaite. Test loads have to be collected from our Stores yard and to be returned back to stores/yard after completion of load testing at free of cost.
- n) All drilling, reaming, gas cutting, welding, grinding, dressing, greasing, whenever required for erection.
- o) Lubrication of all mechanical components to be done.
- p) Revisioning of all items if required before erection.
- q) All other necessary job for completion of the crane.

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- r) Entire erection work shall have to be so planned that the normal production/ operation of the plant does not hamper. Proper planning of shutdown requirement to be made in advance. Bar chart program for erection/ installation including shutdown requirement, if any, shall have to be submitted prior to commencement of erection work.
- s) The contractor shall have to take all necessary safety precaution at their cost. The contractor, his supervisor afterward of contract shall report to our Safety Department to obtain clearance from them before commencement of job.
- t) The party shall collect the Contractor's Safety Rules Book.
- u) For violation of any Safety Rules and regulation the contractor shall be liable for penalty as per existing rules.
- v) Detail erection schedule must be submitted before starting erection.
- w) Any structural modification, if required, to be done by the party and necessary job will be certified as extra work on per ton basis.
- x) Fabrication, assembling and erection, testing, commissioning of angle iron contractor alongwith laying of power cable, installation of isolator for DSL system.

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PART-I :Techno-commercial Part : General Terms & Conditions:

EMD : Rs. 5000/- (Rupees Five Thousand only) : Earnest Money Deposit 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 with single point registration with NSIC, payment of EMD can be considered for exemption to the extent of monetary limited granted on submission of valid NSIC registration certificate. Copy of the valid NSIC Registration Certificate should be furnished.

Credentials : Tenderer must submit the following documents as part of Techno-commercial Bids :
(1) Copy of Sales Tax Clearance Certificate & (2) Copies of purchase orders of similar Type of job done.

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.

Performance Guarantee : After completion of the job, 10% of the total order value in the form of DD/Pay Order/Bank Guarantee to be submitted duly valid till completion of guarantee/warranty period. However, security deposit may be converted to Performance Bank Guarantee.

Payment : 80% after completion of job, 10% after commissioning & 10% after handing over of Crane and submission of performance bank guarantee.

Validity : Offer should remain valid for a period of 90 days from the date of opening of techno-commercial offer.

Delivery/Completion of job : As per our requirement

Guarantee : All materials should be free from any defect from faulty design and/or materials and workmanship. Vendor should provide guarantee for a period of 12 months from the date of commissioning of the crane. In case of any defectiveness towards workmanship vendor have to repair/replace the same at free of cost.

Quoted rate should 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 correction.

BWT shall reserve the right to increase or decrease the ordered quantity at the same rate and terms.

BWT shall reserve the right to split up the tendered quantity.

BWT shall reserve the right to accept or reject the tender partly or fully without assigning any reason.

Liquidated Damages : In the event of failure to supply the 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 LD subject to maximum limit of 10% of the ordered value.

Risk Purchase : In the event of your failure to supply the materials BWT 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 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.

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Termination & Suspension :

The Company may at any time on breach of the contract by vendor, give them a written notice of such breach. If vendor does not cure that breach within a period of 30 days after receiving such notice then the Company may terminate the contract at any time there after stating therein the date of termination.

On receiving the notice of termination, vendor will stop performance of the work order from the effective date of termination, hand over all drawings and documents and transfer all the rights of work to the Company.

In the event of termination, the Company and vendor will sit together to arrive at the fair solution in determining the claims and payments due to each other arising out of such termination. If no fair solution is arrived at within 2 months from the effective date of termination, the matter shall be referred to Arbitration.

The Company may suspend the work in whole or in part at any time by giving notice to vendor in writing of such effect stating the nature, the date and the anticipated duration of such suspension.

On receiving the notice of suspension, vendor will stop all such work which the Company may at anytime cancel the suspension notice for all or any part of suspended work by giving written notice. Vendor will resume the suspended work as expeditiously as possible after receipt of such withdrawal of suspension.

In the event of suspension, the Company shall not be liable to pay to vendor for any damage or loss or idle labour caused by such period of suspension of work.

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

An unconditional acceptance of commercial terms & conditions stipulated above of this tender enquiry is to be given along with the offer.

PART – II: PRICE BID

- 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.

Rate Schedule

Sl No.	Description of item	Quantity	Rate per Crane	Total Amount
(a)	Shifting, Assembling, Alignment, Wiring, Testing and Commissioning etc.	3 Nos.		
(b)	Painting of Crane (Paint will be supplied by Braithwaite)			
©	Fabrication of structures at site excluding steel materials (for extra work)			
(d)	Fabrication, assembling and erection, testing, commissioning of angle iron conductor for DSL system (without material).		Rate per meter	
	Taxes & Duties, if any.			

For Braithwaite & Co. Ltd.,

Assistant Manager (Pur)