



ब्रेथवैट एण्ड कम्पनी लिमिटेड  
(भारत सरकार का एक उपक्रम)

**BRAITHWAITE & CO LIMITED**  
(A Government of India Undertaking)

MINISTRY OF RAILWAYS

HEAD OFF. & REGD. OFF. : 5, HIDE ROAD, CALCUTTA - 700 043,  
TEL +91 33 2439-7415, 2439-4114, 2439-6613, 2439-7413.

E-mail : [purchase@braithwaiteindia.com](mailto:purchase@braithwaiteindia.com) , FAX : +91 33 2439 7632 / 2439 5607

Tender No: BCL/PUR/KSR/Shunter/CW/2019, Dated: 13.04.2019  
Due on : 22.04.2019

To  
M/s.....  
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Dear Sir,

“Sealed Quotations are invited in two bid type from the vendors for the **following job** at our **Clive Works** as per tender conditions.

The offers should be submitted in two bids i.e Part-I & Part-II

- 1) Part-I : Techno Commercial Bid & EMD
- 2) Part-II : Price Bid

All these parts shall be inserted separately in 2 sealed envelopes super scribing tender number and Part number. All two parts shall be put in 3<sup>rd</sup> envelope and all the envelopes shall be super scribed with our tender No., part No. & Due date.

Sealed tender addressed to **Sr. 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 by **22.04.2019 (due date) by 2.30 PM./14.30 hrs.**

Techno Commercial bid of the tender shall be opened on **22.04.2019** at **3PM / 15.00Hrs.** During opening of techno commercial bid & EMD (Part-I) and (Part-II), the bidders may depute their authorized representatives to be present as witness. However, only the techno commercially acceptable bidders will be intimated before opening of the price bid.

**For Braithwaite & Co. Ltd.**

**Scope of work- 'D' Check Servicing of Engine of the Loco Shunter No. E-75, Engine Model: N495, Make: CUMMINS, No. of Cylinders- 04 Nos.**

**Repairing / Calibration of Accessories:**

1) **Lubrication:**

- a) Change of Engine Oil
- b) Change of Engine's Full Flow Oil Filter
- c) Change of By-pass Filter
- d) Change of Gear Oil
- e) Check Oil Pressure

2) **Fuel System:**

- a) Drain sediments from Fuel Tank
- b) Change of Fuel Filter
- c) Clean Fuel Tank breather
- d) Clean Fuel Tank from inside.
- e) Replace Rocker cover gaskets.
- f) Fuel Pump calibration to be carried out.

3) **Air System:**

- a) Tighten Manifold Nuts or Cap Screws
- b) Clean Radiator / Charge Air Cooler externally
- c) Check Fan hub / Idler and water pump / Idler adjust if required along with changing of Bolts.
- d) Clean / change Crank case Breather.
- e) Clean Pre-Cleaner Dust Pan
- f) Change Air Cleaner.

4) **Cooling System:**

- a) Change Coolant
- b) De-scale Cooling system
- c) Check belts, adjustment if required

5) **Other Maintenance:**

- a) Change Vibration Damper
- b) Check Air Compressor with necessary rectification.
- c) Check Safety Controls
- d) Check Air cleaner evacuator valve
- e) Change Ignition Switch along with all other required switches. Check all electrical terminals and rectify the defectives if required.
- f) Checking of Crank Shaft End Clearance (End Play) if required.
- g) Replacement of all Hoses
- h) Replacement of Cylinder Piston Rings
- i) Replacement of top gasket, oil pan gasket, oil seal set, liner packing
- j) Replacement of all indicating, safety devices and meters of the Engine along with necessary cable fittings etc.
- k) Replacement of all V-Belts.

6) **Repair job on need basis:**

- a) Repairing of self starter if required.
- b) Repairing of charging alternator, if required
- c) Rectification / replacement of Crank Shaft, if required
- d) Rectification / replacement of Cylinder heads with materials, if required.
- e) Repairing of Cam follower, if required
- f) Repairing of Rocker Arm, if required
- g) Repairing of Lube-Oil Cooler, if required
- h) Repairing of Lube-Oil Pump if required
- i) Clean and calibration of Injectors, if required
- j) Replacement of Cylinder liners, if required
- k) Rectification & calibration of PT Pump, replacement of filter screen and Magnet of Fuel Pump, if required.
- l) Rectification of leakage in lubricating system, if found
- m) Replacement of Cylinder Piston, if required.
- n) Replacement of Cam Bush, Clamp set if required.
- o) Repairing of water pump rectification, if required.
- p) Replacement of C.R. Bearing, if required.
- q) Replacement of main Bearing, if required.

7) **Complete overhauling of Hydraulic Transmission System:**

- a) Replacement of all Oil Seals
- b) Servicing / rectification of all valves
- c) Replacement of all Hydraulic Hoses
- d) Thorough rectification of Gears, Clutch Plates etc.

**Other terms & conditions:**

- 1) Interested bidders may visit BCL to see the defective Engine for assessment of work.
- 2) The job has to be carried out at BCL premises.
- 3) All necessary spares have to be supplied by the party for 'D' Check servicing and the need base repairing job as mentioned against Sl. No. (6) under heading 'Repairing job on need basis'.
- 4) Any sub-assembly, component, repairing, calibration which are not possible to carry out within BCL's premises, the party will be allowed to take such sub-assembly / component out of BCL's premises with prior permission from Maintenance Department and BCL Stores with a reasonable Security Deposit which is refundable.
- 5) All necessary tools and tackles are to be arranged by the party for the ordered job.
- 6) Party has to give Warranty for the supplied material and for executed job for a period of six months from the date of commissioning.
- 7) Bidder has to provide experienced Engineer for execution of the job. However, BCL will provide Skilled, Semi-skilled and Un-skilled workmen to work under the guidance and control of your Engineer while execution.
- 8) Proper working space shall be provided by BCL
- 9) In case of repair / rectification job is to be carried from outside workshop, the necessary repairing charges shall be given to the party as per tender. However, no additional transportation cost will be paid by BCL.
- 10) **Completion time- The entire job has to be carried out within two months period from the date of receipt of Purchase Order / Letter of Intent.**
- 11) **All materials shall be delivered by the party to our General Store at Clive Works, 5, Hide Road, Kolkata-700043 by your own arrangement & cost.**
- 12) **Inspection- Inspection of spares and material will be carried out by BCL at the time of delivery at BCL's premises.**

- 13) Supply of spares should be of Cummins make or Cummins approved excepting Rubber items and Fasteners.
- 14) Party has to arrange for inspection and testing of machine as per OEM norms.
- 15) For any special repairing, calibration to be carried outside, party may take the material from BCL's premises with prior permission from Maintenance. However, to and fro transportation cost to be borne by the party.
- 16) Party has to quote item-wise rates for repairing / replacement / spares on need base job as shown against Sl. No.(6). However, L1 bidder will be considered against 'D' Check Servicing job, shall be allowed to go for Joint Inspection for ascertaining of actual repairing / replacement / jobs on need basis for which, no additional inspection cost will be paid to L1 bidder.

**Note:** It may be mentioned that for **WEBSITE** bidders the following documents should be submitted along with **Techno-Commercial Bid (Part-I)**:

- a) Copy of Trade License
- b) Copy of GST Registration, PAN Registration
- c) Copies of audited balance sheets and Profit & Loss Account statement for the last three years ending 31.03.2018.
- d) Proof of credentials in execution of similar type of jobs i.e. copy of work order / completion certificate in support of the same.

**General Terms & Conditions:**

1. **EMD: Rs 5,000/-** (Rupees five thousand) EMD is required to be deposited as Bid Security and to be submitted in the form of DD/ pay order/ Bank Guarantee in favour of Braithwaite & Co. Ltd payable at Kolkata. However, for SSI Units with single point registration with NSIC, RDSO, MSME & DGS&D registered vendors for the tendered items; 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/MSME Registration Certificate should be furnished. PSU bidders are also exempted from submission of EMD.

The earnest money is liable to be forfeited, if the tenderer withdraws or amends impairs or derogates from the tender in any respect within the period of validity of this tender.

EMD will be returned on submission of required Security Deposit for successful bidder(s) and after finalization of order, for unsuccessful bidders.

2. **Security Deposit:** @ 5% of the order value only in the form of DD/ pay order/ Bank Guarantee from Indian Nationalized Bank to be submitted by the successful bidder within 15 days from the date of receipt of Purchase order. However, exempted for NSIC, MSME & DGS&D registered vendors.& PSU bidders However SD can be submitted 50% by the bidder & balance 50% can be adjusted against their R/A Bills. Security Deposit will be discharged and returned to the supplier only after successful completion of supplier's obligation under the contract.

As and when an amendment is issued to the contract, the supplier / contractor shall within 15 days of the receipt of such an amendment furnish to the purchaser an amendment to the security deposit and / or Bank Guarantee rendering the same valid for the contract as amended.

Security deposit will be discharged and returned to the supplier / contractor on completion of supplier's / contractor's obligations under the contract including any warranty obligation as specified in the contract.

- 3) **Performance Guarantee:** The supplier shall have to submit Performance Bank Guarantee for 5% of Order value as per format to be provided by BCL after placement of order. The Performance Bank Guarantee shall have to be submitted before receipt of first payment. The performance bank guarantee shall remain valid up to the completion of warranty / guarantee. The Security Deposit, if submitted, may be converted to Performance Guarantee.
- 4) **Payment:** 100% Payment will be made after 30 days from the date of submission of bill along with supporting documents duly certified by Manager (Maintenance)-CW & VW / his authorized representative.
- 5) **Validity:** Offer should remain valid for a period of 90 days from the date of opening of techno-commercial bid.
- 6) Quoted/order rates should remain firm till completion of the job and supply and price variation shall not be entertained.
- 7) **Rejection:** Items, if found rejected, shall be replaced as per the information of respective Maintenance Department at free of charges.
- 8) **Quantity variation:** Order quantity may vary  $\pm 30\%$  on the same rate and terms & conditions. BCL reserves the right to place repeat order for 75% of original order quantity at the same rate & terms of original order. However consent of the supplier will be taken before placing the repeat order.
- 9) All corrections (if any) must be signed at the appropriate place by the signatory of the bidder; otherwise, tender will be considered as invalid.
- 10) **Liquidated Damages:** In the event of failure to complete the job within the stipulated date, BWT reserve 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.
- 11) **Risk Purchase:** In the event of your failure to complete the job, BWT reserve the right to procure the items mentioned in our Purchase order from alternative source on Risk Purchase Basis and recover the extra thereof, if incurred, from you.
- 12) **Arbitration :** All question, disputes or difference whatsoever shall arise between the Purchaser and the supplier upon or in relation to or in connection with the contract either the party may forthwith give to the other notice in writing of the existence of such question dispute or difference and the same shall be referred to the adjudication of sole Arbitration who shall be the Chairman shall have the right and authority to appoint any officer of the Company as Arbitrator not below the rank of General Manager who is not directly connected with the Purchaser. Such a reference submitted to the Arbitrator shall be deemed to be the submission to the Arbitrator within the meaning of the Arbitration and Conciliation Act, 1996 statutory modification thereof. The processing's of the Arbitration shall be held in Kolkata.
- 13) **An Unconditional acceptance of all notes, terms & conditions of the tender must be given along with the Part - I offer.**

### **Part – II PRICE BID**

1. The rates will remain firm till completion of supply.
2. The rates should be quoted both in figures and words. In case of difference, rate quoted in Words will be considered.
3. Over writing in price figure of the quotation will be rejected.
4. The rates for both the categories shall be submitted in the following format.
5. **Lowest bid will be evaluated on lowest grand total for the entire job considering `D` Check Servicing, other maintenance, repair jobs on need basis and complete overhauling of Hydraulic Transmission system of the Engine. (all inclusive)**
6. Rates are to be quoted considering free delivery to our Clive Works, 5, Hide Road, Kolkata-700 043.

**PRICE BID FORMATS:  
For 'D' Check Servicing of Engine:**

Sl. No.	Job Description	Quantity (Nos.)	Total Amount (all inclusive) (Rs.)
01	'D' Check Servicing of Engine of the Loco Shunter, E-75, Engine Model: N495, Make- CUMMINS, No. of Cylinders-04	01	

**For Cost of Spares & Service on need basis:**

Sl. No.	Job Description	Tentative Quantity (Nos.)	Unit Price (all inclusive) (Rs.)
a)	Repairing of self starter if required.	01	
b)	Repairing of Charging Alternator, if required	01	
c)	Rectification / replacement of Crank Shaft, if required.	01	
d)	Rectification/replacement of Cylinder Heads with materials, if required	02	
e)	Repairing of Cam Follower, if required	01	
f)	Repairing of Rocker Arm, if required	01 Set	
g)	Repairing of Lube-Oil Cooler, if required	01	
h)	Repairing of Lube-Oil Pump, if required	01	
i)	Clean and Calibration of Injector, if required	04	
j)	Replacement of Cylinder Liners, if required	04	
k)	Rectification & Calibration of PT Pump, replacement of Filter Screen and Magnet of Fuel Pump, if required	01 Set	
l)	Rectification of leakage in Lubricating System, if found	01	
m)	Replacement of Piston, if required	04	
n)	Replacement of Cam Bush, Clamp Set, if required	01 Set	
o)	Repairing of Water Pump and rectify, if reqd.	01	
p)	Replacement of C.R. Bearing, if required	01	
q)	Replacement of Main Bearing, if required	01	

Note: To be read 01 Set is for 01 Engine Set

**For Complete Overhauling of Hydraulic Transmission System:**

Sl. No.	Job Description	Total Amount (all inclusive) (Rs.)
1	<b><u>Complete Overhauling of Hydraulic Transmission System job comprising following :</u></b> Replacement of all Oil Seals Servicing / rectification of all Valves Replacement of all Hydraulic Hoses Thorough rectification of Gears, Clutch Plates etc.	