



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 , FAX : +91 33 2439 7632 / 2439 5607

Tender No: BCL/PUR/KSR/Bearings/CW&AW/2019, Dated: 01.04.2019
Due on : 2.30 Pm on 14.04.2019

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

“Sealed Quotations are invited in two bid type from the vendors for supply of **following Bearings** at our **Clive & Angus 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 3rd 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 **14.04.2019 (due date) by 2.30 PM./14.30 hrs.**

Techno Commercial bid of the tender shall be opened on **14.04.2019** 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.

**LIST OF VARIOUS TYPE OF BEARINGS FOR EOT CRANES & DRILL MACHINES AT
OUR CLIVE WORKS: (Category-A)**

SL. No	Name of the Bearing	Size of Bearing	Make	Total Qty.
1	Angular Contact Ball Bearing No. 3308	40 x 90 x 36.5 mm	NBC/FAG/SKF	10 Nos.
2	Single Row Deep Groove Ball Bearings, No. 6210	50 x 90 x 20 mm	NBC/FAG/SKF	10 Nos.
3	Single Row Deep Groove Ball Bearings, No. 6212	60 x 110 x 22 mm	NBC/FAG/SKF	10 Nos.
4	Single Row Deep Groove Ball Bearings, No. 6216	80 x 140 x 26 mm	NBC/FAG/SKF	06 Nos.
5	Single Row Deep Groove Ball Bearings, No. 6206	30 x 62 x 16 mm	NBC/FAG/SKF	10 Nos.
6	Single Row Deep Groove Ball Bearings, No. 6217	85 x 150 x 28 mm	NBC/FAG/SKF	06 Nos.
7	Single Row Deep Groove Ball Bearings, No. 6310	50 x 110 x 27 mm	NBC/FAG/SKF	10 Nos.
8	Single Row Deep Groove Ball Bearings, No. 6208	40 x 80 x 18 mm	NBC/FAG/SKF	10 Nos.
9	Spherical Roller Bearing No. 22312 MB.C3.W33	60 x 130 x 46 mm	NBC/FAG/SKF	04 Nos.
10	Taper Roller Bearing No. 32218	160 x 42.5 mm	NBC/FAG/SKF	04 Nos.
11	Single Row Deep Groove Ball Bearings, No. 6312	60 x 130 x 31 mm	NBC/FAG/SKF	06 Nos.
12	Spherical Roller Bearing No. 21312CA.C3.W33	60 x 130 x 31 mm	NBC/FAG/SKF	08 Nos.
13	Single Row Deep Groove Ball Bearings, No. 6218	90 x 160 x 30 mm	NBC/FAG/SKF	06 Nos.
14	Single Row Deep Groove Ball Bearings, No. 6213	65 x 120 x 23 mm	NBC/FAG/SKF	10 Nos.
15	Spherical Roller Bearing No. 22218 MB.C3.W33	90 x 160 x 40 mm	NBC/FAG/SKF	04 Nos.
16	Spherical Roller Bearing No. 22210 MB.C3.W33	50 x 90 x 23 mm	NBC/FAG/SKF	06 Nos.
17	Single Row Deep Groove Ball Bearings, No. 6014	70 x 110 x 20 mm	NBC/FAG/SKF	08 Nos.
18	Spherical Roller Bearing No. 22216	80 x 140 x 33 mm	NBC/FAG/SKF	06 Nos.
19	Spherical Roller Bearing No. 22215	75 x 130 x 31 mm	NBC/FAG/SKF	06 Nos.
20	Spherical Roller Bearing No. 22315	75 x 160 x 55 mm	NBC/FAG/SKF	04 Nos.
21	Single Row Deep Groove Ball Bearings, No. 6310	40 x 90 x 23 mm	NBC/FAG/SKF	08 Nos.
22	Deep Groove Ball Bearings No. 6015	75 x 115 x 20 mm	NBC/FAG/SKF	08 Nos.
23	Single Row Deep Groove Ball Bearings, No. MS11	28.575 x 71.43 x 20.638 mm	NBC/FAG/SKF	10 Nos.
24	Deep Groove Radial Ball Bearings No. XLJ 1.3/4	1-3/4" x3" x 9/16"	NBC/FAG/SKF	08 Nos.
25	Single Row Deep Groove Ball Bearings, No. LS12 1/2	1-3/8" x 3" x 11/16"	NBC/FAG/SKF	08 Nos.
26	Open Type Deep Groove Radial Ball Bearing No. LJ50	50 x 90 x 20 mm	NBC/FAG/SKF	08 Nos.

Contd..P/3

SL. No	Name of the Bearing	Size of Bearing	Make	Total Qty.
27	Open Type Deep Groove Radial Ball Bearing No. LJ 7/8	50 x 90 x 20 mm	NBC/FAG/SKF	08 Nos.
28	Open Type Deep Groove Radial Ball Bearing No. MS 9	50 x 90 x 20 mm	NBC/FAG/SKF	08 Nos.
29	Spherical Roller Bearing No. 21308	40 x 90 x 23 mm	NBC/FAG/SKF	04 Nos.
30	Single Thrust Ball Bearing No. 51209	45 x 73 x 20 mm	NBC/FAG/SKF	08 Nos.
31	Spherical Roller Bearing No. 21310	50 x 110 x 70 mm	NBC/FAG/SKF	06 Nos.
32	Single Row Deep Groove Ball Bearings No. 6024	120 x 180 x 28 mm	NBC/FAG/SKF	06 Nos.
33	Single Row Deep Groove Ball Bearings No. 6026	130 x 200 x 33 mm	NBC/FAG/SKF	06 Nos.
34	Thrust Ball Bearing No. 51214	70 x 105 x 27 mm	NBC/FAG/SKF	06 Nos.
35	Tapered Roller Bearing No. 30306	30 x 72 x 20.75 mm	Timken / NBC / SKF	08 Nos.
36	Tapered Roller Bearing No. 69354 / 69360	90 x 160 x 32 mm	Timken / NBC / SKF	06 Nos.
37	Tapered Roller Bearing No. 861/854	90 x 160 x 32 mm	Timken / NBC / SKF	04 Nos.

LIST OF VARIOUS TYPE OF BEARINGS FOR REPLACEMENT OF DAMAGED BEARINGS OF PLANT & MACHINERY AT OUR ANGUS WORKS: (Category-B)

Sl. No.	Bearing Number	Make	Qty. Reqd.
01	6201	SKF / FAG / TIMKEN / NBC	10 Nos.
02	6203	SKF / FAG / TIMKEN / NBC	10 Nos.
03	6204	SKF / FAG / TIMKEN / NBC	10 Nos.
04	6206ZZ	SKF / FAG / TIMKEN / NBC	10 Nos.
05	6208	SKF / FAG / TIMKEN / NBC	10 Nos.
06	6205	SKF / FAG / TIMKEN / NBC	10 Nos.
07	6210	SKF / FAG / TIMKEN / NBC	10 Nos.
08	6212	SKF / FAG / TIMKEN / NBC	10 Nos.
09	6213	SKF / FAG / TIMKEN / NBC	10 Nos.
10	6215	SKF / FAG / TIMKEN / NBC	10 Nos.
11	6303	SKF / FAG / TIMKEN / NBC	10 Nos.
12	6304	SKF / FAG / TIMKEN / NBC	10 Nos.
13	6305	SKF / FAG / TIMKEN / NBC	10 Nos.
14	6306	SKF / FAG / TIMKEN / NBC	10 Nos.
15	6307	SKF / FAG / TIMKEN / NBC	10 Nos.
16	6308	SKF / FAG / TIMKEN / NBC	10 Nos.
17	6309	SKF / FAG / TIMKEN / NBC	10 Nos.
18	6312ZZ	SKF / FAG / TIMKEN / NBC	10 Nos.
19	6315	SKF / FAG / TIMKEN / NBC	06 Nos.
20	22211	SKF / FAG / TIMKEN / NBC	06 Nos.
21	32218	SKF / FAG / TIMKEN / NBC	06 Nos.
22	7409	SKF / FAG / TIMKEN / NBC	06 Nos.
23	1209K	SKF / FAG / TIMKEN / NBC	06 Nos.
24	1212K	SKF / FAG / TIMKEN / NBC	06 Nos.

Sl. No.	Bearing Number	Make	Qty. Reqd.
25	1215K	SKF / FAG / TIMKEN / NBC	06 Nos.
26	22212	SKF / FAG / TIMKEN / NBC	06 Nos.
27	1208	SKF / FAG / TIMKEN / NBC	06 Nos.
28	5203	SKF / FAG / TIMKEN / NBC	06 Nos.
29	73108	SKF / FAG / TIMKEN / NBC	06 Nos.
30	72158	SKF / FAG / TIMKEN / NBC	06 Nos.
31	30311A	SKF / FAG / TIMKEN / NBC	06 Nos.
32	30204	SKF / FAG / TIMKEN / NBC	06 Nos.
33	RMS15	SKF / FAG / TIMKEN / NBC	06 Nos.
34	30212	SKF / FAG / TIMKEN / NBC	06 Nos.
35	30213	SKF / FAG / TIMKEN / NBC	06 Nos.
36	30220	SKF / FAG / TIMKEN / NBC	02 Nos.
37	30221	SKF / FAG / TIMKEN / NBC	02 Nos.
38	32222	SKF / FAG / TIMKEN / NBC	02 Nos.
39	30309	SKF / FAG / TIMKEN / NBC	06 Nos.
40	30315A	SKF / FAG / TIMKEN / NBC	06 Nos.
41	30316	SKF / FAG / TIMKEN / NBC	04 Nos.
42	30318	SKF / FAG / TIMKEN / NBC	02 Nos.
43	31308	SKF / FAG / TIMKEN / NBC	06 Nos.
44	31309	SKF / FAG / TIMKEN / NBC	06 Nos.
45	32312	SKF / FAG / TIMKEN / NBC	06 Nos.
46	22318	SKF / FAG / TIMKEN / NBC	03 Nos.
47	22316	SKF / FAG / TIMKEN / NBC	02 Nos.
48	22310	SKF / FAG / TIMKEN / NBC	02 Nos.
49	22318	SKF / FAG / TIMKEN / NBC	02 Nos.
50	22211	SKF / FAG / TIMKEN / NBC	02 Nos.
51	7409	SKF / FAG / TIMKEN / NBC	06 Nos.
52	22212	SKF / FAG / TIMKEN / NBC	02 Nos.
53	1208	SKF / FAG / TIMKEN / NBC	06 Nos.
54	5203	SKF / FAG / TIMKEN / NBC	06 Nos.
55	73068	SKF / FAG / TIMKEN / NBC	02 Nos.
56	73108	SKF / FAG / TIMKEN / NBC	02 Nos.
57	72158	SKF / FAG / TIMKEN / NBC	02 Nos.
58	21310	SKF / FAG / TIMKEN / NBC	02 Nos.
59	6310	SKF / FAG / TIMKEN / NBC	02 Nos.
60	22210C	SKF / FAG / TIMKEN / NBC	04 Nos.
61	6326	SKF / FAG / TIMKEN / NBC	08 Nos.

Other terms & conditions for supply of Bearings at Clive Works & Angus Works:

- Above mentioned Bearings shall be delivered by the party at our Clive Works, 5, Hide Road, Kolkata-700 043 & at our Angus Works, Bhadreswar, Hooghly separately by their own arrangement.
- The supply of Bearings should accompany with OEM's Inspection Report.
- Guarantee Certificate (GC) to be provided as per OEM's norm and shall be effective from the date of supply / date of installation.
- Bearings shall be delivered in 3 (three) Lots of approximate 1/3rd of order value of material per lot. BCL's Maintenance will provide the lot wise list before supply. However, the total supplies to be completed within one year after receipt of Purchase Order.

- There shall be provision of part payment against lot-wise supply of materials.
- BCL will inspect the materials at the time of delivery.
- Separate purchase orders will be placed for Clive Works & Angus Works.

General Terms & Conditions:

1. **EMD: Rs 10,000.-** (Rupees ten 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. **Payment :** 100% Payment will be made after 30 days of Inspection, receipt and acceptance of material at Stores Department.
4. **Validity:** Offer should remain valid for a period of 90 days from the date of opening of techno-commercial bid.
5. Quoted/order rates should remain firm till completion of the supply and price variation shall not be entertained.
6. **Rejection:** Items, if found rejected, shall be replaced as per the information of respective Maintenance Department at free of charges.
7. **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.

8. All corrections (if any) must be signed at the appropriate place by the signatory of the bidder; otherwise, tender will be considered as invalid.
9. The bidders who are participating with the tender through our website should submit the following documents along with their Techno-Commercial Bid (Part-I).
 - ❖ In case of authorized dealers of the manufacturer(s), the proof of credential in support of experience for supply of Cables during last 5 (five) years ending on 31.12.2018.
 - ❖ To proof of supply of similar items, copies of Purchase Order / Work Order along with completion certificate / certified bills etc., to be submitted.
 - ❖ Audited / C.A. certified Balance Sheet and Profit & Loss Account statement for last 3 (three) years ending on 31.03.2018.
 - ❖ Copy of PAN, Trade License, GST Registration & I.T. Return copies for last three years ending 31.03.2018.
 - ❖ For MSME vendors, relaxation in experience & turnover will be applicable as per norms.
 - ❖ Valid Authorized Dealership Certificate, in case of dealers.

Also the following documents to be submitted along with Techno-Commercial Bid (Part-I):

- ❖ For NSIC / MSME / SSI registered vendors, copy of valid documentary evidence along with indication for ownership (whether the owner is of SC / ST category). In case of SC / ST category, necessary documents are to be submitted.
 - ❖ A declaration of UAM (Udyog Aadhar Memorandum) number by MSME bidders of CPPP, failing which bidders will not be able to enjoy the benefits as per PP Policy of MSME's Order 2012.
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. **Delivery/Completion period:** All Supplies to be made in 3 (three) lots of approximate 1/3rd of the order value of material per lot. BCL-Maintenance will provide the lot wise list before supply. However, the total supplies to be completed within one year after receipt of Purchase Order.
 14. **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 item-wise against each CW & AW.(all inclusive)**
6. Rates are to be quoted considering free delivery to our Clive Works, 5, Hide Road, Kolkata-700 043 and Angus Works at Bhadreswar, Hooghly.