



BHARAT COKING COAL LIMITED

(A Subsidiary of Coal India Limited)
Office of the General Manager(MM)
Materials Management Department
Commercial Block L-III , Koyla Bhawan : Koyla Nagar
Dhanbad : 826005(Fax No- 0326-2230183)

ORIGINAL BY REGD. POST.

1. SUPPLY / PURCHASE ORDER	Under jurisdiction of Dhanbad Court and Jharkhand High Court only.
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Ref. No. PUR / 560268 /NFLP VCB /33 KV/10-11/ 92/Andrew Yule/ 47

Dt-20-06-2011

T o,

FAX-(033-24491184)

M/.Andrew Yule & Company Ltd

Ph. No. 033-24491770

Electrical Division

14, Mayurbhanj Road

Kolkata-700 023

VENDOR CODE: 1/03/M/P/019

Sub :- Our Tender No. BCCL/Pur/560268/NFLP VCB/33 KV/10-11/92

Opened on 10-01-2011

**Ref. :- : Your offer No. :ED/VCB/40974/PPM/MSB ,Dt. 06-01-2011 and
subsequent correspondence on the above subject.**

Dear Sirs,

With reference to the above, we , for and on behalf of BCCL , hereby place PURCHASE ORDER on you for supply of following items as per rate , terms and conditions indicated below :

1 . SCOPE OF SUPPLY : "33 KV NFLP VCB"

The detailed description along with specification / size / ratings of the items along with Qty. to be supplied , Unit Rate and Extended Value will be as under :

ITEM	QUANTIT Y	UNIT BASIC RATE (Rs.)	1,80,000.00
NFLP VCB Outdoor Type 33/36 KV 100 A, 1500 MVA	06(Six) No	ED @ 10.3%	18,540.00
		CST @ 2%	3,970.80

		P & F	Nil
		Freight	4,000.00
		Transit & Insurance	Nil
		Landed Value	2,06,510.80
		Extended Landed Value	12,39,064.80
CMPDIL Inspection Charges @ 0.8% of F.O.R. Destination			9,912.52
Service Tax on CMPDIL Inspection Charges @ 10.3%			1,020.99
	GRAND TOTAL		12,49,998.31

Technical details will be as indicated at Annexure “ A “ enclosed herewith .

2. TOTAL ORDER VALUE: The total order value will be Rs.**12,49,998.31**(Rupees Twelve lakh forty nine thousand nine hundred ninety eight and paise thirty one only) on F.O.R Destination basis.

3. **Excise Duty & CESS** : To be paid at actual on documentary evidence . Quoted rate indicated above .

4. **CST.** : Rate of CST indicated above against issue of form ‘C’ by consignee .

5. **Packing & Forwarding Charges** : Nil

6. **Freight:** As indicated above

7. **Trans. insurance:** will be arranged by firm

8. **Mode of Dispatch** : By Road on F.O.R. Destination ,Freight paid basis

9. **Road Permit** : Road permit , if required , may be obtained directly from the consignee under intimation to this office .

10. **Delivery Period** : Commencement within 3-4 months from the date of receipt of technically and commercially clear Purchase Order and completion within 2 months thereafter

NOTE : You will ensure safe & sound delivery of stores at consignee’s end.

However , keeping in view of our urgency, earliest delivery will be appreciated .

Delivery period shall be reckoned from 10th day of placement of order .

Any increase in the rate of taxes & duties beyond delivery period will be to your account .

11...**Consignee & Paying Authority** : Consignee & Paying Authority for this order will be as under :

Consignee	Paying Authority
The Depot Officer , Central Stores , Ekra , B.C.C.L.	The General Manager (F)(MM) , Purchase Finance , Koyla Bhawan , B.C.C.L. , Dhanbad

12.. **Payment Term** : 100% payment will be made within 30 days of receipt and acceptance of the materials by the consignee or from the date of receipt of Bills, whichever is later.

13.. **Submission of Bill** : 100% value of bill duly stamped, signed & pre-receipted in quadruplicate , as per terms of the order should be submitted for payment to the paying authority through consignee.

Bill should be submitted along with Challan, Consignment note (if required) , packing list if any, guarantee/warranty certificate, fitment / Test certificate if required , proof of payment of freight charges if freight is claimed , documentary evidence of Excise duty payment if claimed, Price Certificate , Copy of Inspection Note of CMPDIL (If required) and other documents as per order (*Note – All documents to be submitted shall be duly authenticated*)

No payment will be made without submission of performance Bank Guarantee & security deposit , if covered in order .

14.. **Guarantee /Warranty** : Materials supplied should be guaranteed for a period of 12(twelve) months from the date of fitment or 18 months from the date of receipt and acceptance at consignee end , whichever is earlier , against any manufacturing defects / workmanship / inferior quality. Any defect observed on this account shall be attended immediately and replace the materials within 30 days free of cost.

15.. **PRICE CERTIFICATE** : You should submit a certificate along with bill as stated below:

“ The rates of the stores under this contract are the lowest at which we are selling to any other customer/Govt. Deptt./ Subsidiaries of CIL/ Other PSUs . If the materials are sold at any lower rate than that mentioned in this contract to any other agency , the same will automatically be applied to this contract from that date “

16.. Security Deposit - Waived as being Govt. of India Enterprise

17.. **Inspection** – Pre-dispatch inspection of each consignment shall be carried out by M/s. Central Mine Planning & Design Institute Ltd(CMPDIL), Ranchi/their Regional Office as per the terms and conditions indicated hereunder: Pre-dispatch inspection shall be carried out by M/s.CMPDIL(the above firm) as per their methodology. The third Party Inspection shall include examination of raw material, test certificate verification, continuous monitoring of quality assurance by manufacturer which will include regular and surprise visits. In brief, the scope and condition of Inspection by M/s.CMPDIL will be as follows: Checking and approval of test procedures/quality assurance plans. Verification of records and documents of your works. Verification of documents and test certificate of bought out items and cross checks. You shall provide facilities for carrying out all necessary tests as required in the specification at your works else these will be carried out at an independent test house at your cost. Final testing and checking of materials as per specifications. M/s. CMPDIL will have full and free access to the premises of manufacturer during the process of manufacturing and during inspection activities. Inspection fee @ 0.80% of total F.O.R. Destination price with service Tax of 10.30%, is to be paid to M/s. CMPDIL along with inspection call letter payable by DD which will be reimbursed subsequently by BCCL together with consignment billing. Minimum 7 calendar days notice shall be given by you to M/s. CMPDIL for arranging inspection within valid delivery period as per contract. The ultimate responsibility for supply of correct materials as per requirement of relevant specification lies solely with you in spite of clearance/acceptance by inspection authority i.e. M/s. CMPDIL. The manufacturer will be required to replace the material free of cost if found defective/unserviceable/not according to relevant specifications. The charges for third party inspection and the cost of materials that would be required for destructive tests, if any, shall be reimbursed by BCCL together with the consignment billing. Such cost shall be reimbursed only if it is duly certified by M/s. CMPDIL. Please send inspection call to M/s. CMPDIL,

Ranchi/ their Regional Office as indicated above Final inspection shall be arranged by the consignee after receipt of the material at our destination.

The purchaser shall, at its discretion, have the right to test the ordered material in a Government Test House or in a test house nominated by the purchaser. In case of failure of the material after testing the cost of tests as well as of the material shall have to be borne by the supplier.

18..Performance Bank Guarantee – PBG on schedule/Nationalized Bank in India valid for three months beyond the expiry of Guarantee/Warranty period for 10% value of the order (order value means FOR destination price including taxes, duties, transportation & insurance charges & other charges if any) shall have to be submitted to MM Division, BCCL, Koyla Bhawan on or before commencement of supply. PBG may be submitted either for the entire order quantity at a time or each equipment wise/lot wise.

19.. PENALTY FOR FAILURE TO SUPPLY IN TIME

The delivery of stores stipulated in Purchase order shall be deemed to be of the essence of the contract and delivery of the stores must be completed by the date specified. No materials should be supplied beyond the specified delivery period, unless specific approval has been obtained from this office .

In the event of failure to deliver the stores within the stipulated date/ period in accordance with the samples and/or specification mentioned in the supply order, and in the event of breach of any terms and conditions mentioned in the supply order Bharat Coking Coal Limited reserves the right:

- a) To recover from you , as agreed liquidated damages, a sum not less than 0.5% (half percentage) of the price of the stores which you have not been able to supply (for this purpose part of a unit supplied will not be considered) as aforesaid for each week or part of a week during which the delivery of such stores may be in arrears limited to 10%. *Where felt necessary the limit of 10% can be increased to 15% at the discretion of Head of the Materials Management Division*
- b) To purchase elsewhere, after due notice to you, on your account and risk the stores not supplied or others of a similar description without cancelling the supply order in respect of consignment not yet due for supply or
- c) *To cancel the supply order or a portion thereof, and if so desired to purchase the store at your risk and cost and also*
- d) *To extend the period of delivery with or without penalty as may be considered fit and proper. The penalty , if imposed shall not be more than the agreed liquidated damages referred to in clause(a) above.*
- e) To encash any Bank guarantee which is available for recovery of the penalty or
- f) To forfeit the security deposit full or in part.
- g) Whenever under the contract a sum of money is recoverable from and payable by you, BCCL shall be entitled to recover such sum by appropriating , in part or whole by deducting any sum or which at any time thereafter may be due you in this or any other contract with Bharat Coking Coal Ltd. or any subsidiary of Coal India Ltd. Should this sum be not sufficient to cover the full amount recoverable, you will pay BCCL on demand the remaining amount. You will not be entitled to any gain under this clause.

20.. PRICE FALL CLAUSE :

- i) The prices charged for the stores supplied under the contract by the supplier shall in no event exceed the lowest price at which the supplier offer to sell the stores of identical description to any other organization from date of offer till completion of supply under the contract.
- ii) If at any time during the said period the supplier offers lower sale price of such stores to any other organization at a price lower than the price chargeable under this contract, the supplier shall forthwith notify such reduction or sale to the consignee concerned under intimation to CGM(MM), Bharat Coking Coal Limited , Commercial Block , Level –III , Koyla Bhawan , Koyla Nagar , Dhanbad and the price

payable under the contract for the stores supplied after the date of coming into force of such reduction or sale, shall stand correspondingly reduced. The above stipulated will not, however apply to exports by the supplier.

All other terms & conditions along with Technical Specifications and Scope of supply will strictly be as per our NIT and company's norms .

ALL DISPUTES ARE SUBJECT TO DHANBAD COURT AND JHARKHAND HIGH COURT JURISDICTION ONLY.

This contract is concluded with the issuance of this order . Two copies of the order is being sent to you . You are advised to acknowledge the receipt and acceptance of the order by returning one copy duly signed and stamped to this office positively within 15 days , failing which this order shall be deemed to have been accepted by you for execution .

Yours faithfully,
For & on behalf of Bharat Coking

Coal Ltd.

(Niraj Kumar)
Manager(Excvn.)(MM)

(A.K. Choudhary)
Chief Manager (MM)

INDENT & BUDGET CERTIFICATION REFERENCE

Indent no. and Date	Budget Certification no. & dt.
BCCL/CGM (E&M) F.C. Indent/09-10/23 dated 27-08-2009 I.R. No:0268 (09-10) dated 27-10-2009	BCCL/C&B/BE/Existing/ 11-12/AA 41 Dt. 11/06/11 for Rs.12,49,998.38 A/C - Cap ; Code – 7615

Copy to:

1. Depot Officer, Ekra Central Stores.
2. G.M.(F)(MM), MM DIV, Koyla Bhawan.
3. CGM(E&M), Koyla Bhawan.
4. C.M.(MM)(Tech Cell), MM Div, Koyla Bhawan.
5. Master File/Office Copy.
6. CGM(E&M), CMPDIL, Gandhi Nagar, Kanke Road, Ranchi
7. CGM(MM)/GM(MM), CCL / NCL / WCL/ SECL / MCL / ECL.

ANNEXURE-“A”

TECHNICAL SPECIFICATION AND SCHEDULE OF REQUIREMENT **SPECIFICATION FOR 33 /36 KV OUTDOOR TYPE VACUUM CIRCUIT BREAKER**

1. The outdoor type 33 /36 KV ,1000 A , 1500 MVA , vacuum circuit breaker intended for primary control of power transformer and feeder control and shall be suitable for installation on simple foundation . The supply shall be complete with a local control board . Provision shall be kept for remote operation also . The atmospheric and other condition obtainable at site are as follows :-

General environment	: Heavily polluted
Max. ambient temperature	: 50 deg . C
System of supply	: Effectively earthed neutral .

2. The vacuum circuit breaker , when used for primary control of power transformer shall be in conjunction with suitable current transformer , offering protection to the transformer against over current , short circuit , earth fault etc. The circuit breaker shall also trip for internal faults of the transformer actuated by buchholtz relay , winding oil temperature relay and differential relays .

3. The vacuum circuit breaker shall be complete with a sheet steel clad , vermin and weather proof , local control panel having the starting gear of the circuit breaker . Vacuum circuit breaker complete with 3 no. of vacuum interrupters , porcelain insulators for housing vacuum interrupters with drive rods , 3 phase drive mechanism connected to operating shaft .

The circuit breaker shall in addition to the above , house the following :-

- 1) Motor operated spring charging mechanism . The motor shall be suitable for 230V ac supply .
- 2) Shunt trip coil
- 3) Closing coil
- 4) NO / NC auxiliary contacts for wiring at site .
- 5) Mechanical trip / Close levers .
- 6) Mechanical ON / OFF Indicators .
- 7) Electrical trip / close levers .
- 8) Mechanical position showing indicator showing “ spring charge” & “ spring free”
- 9) Emergency hand trip
- 10) Space heater with control switch 75 W ,230 V ac
- 11) Local / remote control switch
- 12) Mechanical operation counter
- 13) Operating handle
- 14) Cable connector
- 15) Rating plate
- 16) Cabinet lamp
- 17) 1 Hand operated spring charging device breaker
- 18) Breaker slow movement lever

4 . The technical parameters shall confirm to the following : -

Type of switch gear : -33 / 36 KV outdoor porcelain clad vacuum circuit breaker

Rated Voltage - 33 /36 KV

No. of pole - 3 (Three)

Rated frequency - 50 HZ

Breaking capacity – 25 KA

Short time current – 25 KA for 3 seconds

Impulse level - 170 KVP

Power frequency with stand voltage – 70 KV

Standard applicable – IS 13118 / IEC : 56

Control supply - 30 V DC

Making capacity – 63 KA peak

MECHANISM AND CONTROL CIRCUITS

a) Type of mechanism

1) Closing - Stored energy spring mechanism

2) Operating (Tripping) – Manual / Electrical

b) Charging of spring – Motor / Manual both

c) Motor voltage – 230V ac

d) Rated voltage of closing & tripping coil – 30 V dc

5 . The vacuum circuit breaker will be with complete structure with foundation bolts . The circuit breaker shall be tested as per the relevant Indian standard specification .

6 . The test report of CPRI for similar type breaker done during last 5 year to be submitted along with offer .

7. The offer from reputed manufacturer who have experience in designing . manufacturing and supply of the tendered item shall only be considered .

8 . Technical guidance at the time of installation and commissioning will have to be provided

9 Technical literature and GA drawing will have to be submitted along with offer and supply

Documents to be submitted with supply :

1) Work test certificate for the routine test.

2) Maintenance manual and separate list.

3) Circuit diagram.

4) Self attested copy of currently valid BIS approval for approved VCB

For and on behalf of Bharat Coking Coal Ltd.