



BHARAT COKING COAL LIMITED
(A Subsidiary of Coal India Limited)
Office of the General Manager(MM)
Koyla Bhawan : Koyla Nagar
Dhanbad : 826 005

GRAM ; KOKINGKOL
(Phone No. 0326 – 2230181
(Fax No. 0326 -2230183)

Ref. No. Pur/612200/Fieldswitch/EKG/13-14/ 59

dtd 26.06.2013

PURCHASE ORDER
REGD. POST/SPEED POST

To,
M/s Electroteknica Switchgears Pvt Ltd,
1/5A, Raja Basanta Roy Road,
Kolkata – 700026

Vendor Code:1/12/M/T/079

Vendor Type: Mfr

Fax: 033 24660444

Sub: Supply of 3.3KV Field Switch

Ref: i) Our tender no. Pur/612200/ Fieldswitch/EKG /Domestic/etender/121opened on
8.03.2013(off-line) & 9.03.13(on-line)

ii)Your Offer No: 4853/ESP/BKU dated 06.02.13

Your letter no 4853/ESPL/BKU dated 10.06.13

Dear Sirs,

With reference to above we, for and on behalf of BCCL, we hereby place order for supply of
3.3KV Field Switch at the following item description, part no, rate ,value and terms & conditions:-

SL. NO	DESCRIPTION	QTY in no.	Unit rate	value in Rs.
01	Field Switch 3.3KV, 400Amp, 150MVA, 50Hz Mat Code: 15501998523	2	275000.00	550000.00
	ED @12.36%			67980.00
				617980.00
	CST @2%			12359.60
				630339.60
	Freight@5000 each			10000.00
	Total			640339.60

Rounded of to Rs 640339.00

(Rs. Six lakh Forty thousand Three Hundred and Thirty Nine only)

Technical specifications as per Annexure - A

TERMS & CONDITIONS

01	Price	Firm and FOR destination basis. (Packing, Forwarding, Insurance –Nil) Freight extra @Rs 5000.00 per unit.
02	CST	CST extra @2% against form'C'
03	Excise Duty	ED applicable @ 12.36% . The excise invoice shall contain the provisions as per NIT for enabling BCCL to avail CENVAT Credit
04	Payment	100% payment within 21 days of receipt and acceptance of materials or from the date of receipt of Bill whichever is later at Consignee's end.
05	Delivery	Within 4 months from the date of receipt of order, Delivery shall be reckoned from 10th day of issue of order.
06	Fitment Guarantee	The firm should give a guarantee of fitment of the item in above model of machine without any alteration i.e. addition or deletion .
07	Logo	Item supplied will be embossed/identification tag of the firm, if any in a convenient place where there is no wear of the component.
08	Warranty	For a period of 12 months from the date of fitment or 18 months from the date of receipt and acceptance at consignee stores whichever is earlier.
09	Price Fall & L.D. Clause	Applicable as per Annexure-I(enclosed)
10	Security Deposit	The firm is required to deposit security money in the form of Bank Draft drawn in favour of “Bharat Coking Coal Limited” payable at Dhanbad, or by way of Bank Guarantee of any schedule Bank for 10% value of the order (value means F.O.R destination price) i.e. Rs 64033.00 within 15 days from the date of receipt of order. In case they fail to deposit the same, the order shall be cancelled and the case shall be processed to order elsewhere and the firm's performance is to be kept recorded for future dealings with them. For unsatisfactory performance and/or contractual failure the security money shall be forfeited. The BG for SD should be valid for three month beyond the delivery period .
11	After Sales Service	To be provided by the firm to end user.
12	Submission of Bills	100% value of bill duly stamped & pre-receipted in Six copies as per terms of the order should be submitted for payment to the paying authority through consignee. Bill should be submitted along with challan, packing list if any, guarantee/warranty certificate, fitment guarantee certificate, and other relevant document as specified in the order
13	Consignee	Depot officer, Regional Stores, Kusunda Area, BCCL Dhanbad
14	Paying Authority	GM(Fin) MM- Purchase Finance, HQ, BCCL, Dhanbad
15	Inspection	By the representative of Consignee at Consignee's end.
16	Mode of Dispatch	By Road on freight paid basis.
17	Inspection test clause	The purchaser or its authorized representative shall have the right to inspect and/or to test the goods to confirm their conformity to the contract. The purchaser shall

		<p>notify the supplier in writing of the identity of any representative retained for these purposes.</p> <p>ii) If the inspections and tests is conducted on the premises of the supplier or its subcontractor(s) at point of delivery and/or at the goods final destination when conducted on the premises of the supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the purchaser.</p> <p>iii) Should any inspected or tested Goods fail to conform to the specifications, the purchaser may reject them and the supplier shall replace the rejected goods and make all alternatives necessary to meet specification requirements free of cost to the Purchaser.</p> <p>iv) The materials will be inspected on arrival at site by the consignee, which will be considered as final. This shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative's i.e. third party prior to the dispatch of the Goods.</p> <p>v) Nothing in these documents shall in any way release the supplier from any warranty or other obligations under this contract.</p>
18	Force majeure Clause	<p>If the execution of the contract/supply order is delayed beyond the period stipulated in the contract/supply order as a result of out-break of hostilities, declaration of an embargo/curfew or blockade or fire, flood, acts of nature or any other contingency beyond the supplier's control due to act of God then BCCL may allow such additional time by extending the delivery period, as it considers to be justified by the circumstances of the case and its decision shall be final. If and when additional time is granted by BCCL the contract/supply order shall be read and understood as if it had contained from its inception the delivery date as extended. Further this clause state that:</p> <p>a) The successful bidder will, in the event of his having to resort to this clause by a registered letter duly certified by the local Chamber of Commerce or statutory authority, the beginning and end of the causes of the delay, within fifteen days of the occurrence and cessation of such Force Majeure Conditions. In the event of delay lasting out of Force Majeure, BCCL will reserve the right to cancel the contract and provisions governing termination of contract, as stated in the bid documents will apply.</p> <p>b) For delays arising out of Force Majeure, the bidder will not claim extension in completion date for a period exceeding the period of delay attributable to the causes of Force Majeure and neither BCCL nor the bidder shall be liable to pay extra costs provided it is mutually established that Force Majeure Conditions did actually exists.</p> <p>c) If any of the force Majeure conditions exists in the place of operation of the bidder even at the time of submission of bid, he will categorically specify them in his bid and state whether they have been taken into consideration in their quotations.</p>
19	Price certificate	<p>The Firm will certify on their Bills that the prices charged to BCCL is lowest and same as charged to other CIL subsidiaries/Govt. Under Taking/ Deptt and others.</p>
20	Integrity Pact	<p>You have signed Integrity pact issued with NIT . Justice Ashok Kumar Chakraborty (Retired) ,BB-69 Sector I, Salt Lake,Kolkata-700064, will be independent external monitor against this contract/order.</p>

ALL OTHER REMAINING COMMERCIAL TERMS & CONDITIONS AND TECHNICAL SPECIFICATIONS ALONG WITH SCOPE OF SUPPLY WILL STRICTLY BE AS PER OUR NIT AS CONFIRMED IN YOUR OFFER AND YOUR SUBSEQUENT LETTERS.

N.B:- This purchase order/ contract is issued with the approval of the Competent Authority. This contract is concluded with the issuance of this order. Supply Order is being forwarded to you. You are advised to confirm the receipt of acceptance of the order within 15 days from failing which this order shall be deemed to have been accepted for execution.

Indent Nos. & date:

Indent no : RS/VI/CAP/12-13/27 dt 20.07.12

Budget certification No. & date:BCCL/HQ/PUR-FIN/Store Budget/Rev Budget/2013-14/HEMM
Spares/HQ/Excv/ 142 dt 25.06.13 & EBC no 214 for Rs 6,40,339.00
FC no 85 dt 25.06.13 & EFC no 85 for Rs 6,40,339.00

Encl : As above.

Yours faithfully,

(A.D.Santhish)
Chief Manager (MM)

Copy to:-

1. GM (Excv.), Koyla Bhavan
2. GM (F) MM, Pur- Fin., Koyla Bhawan, Dhanbad
3. Depot Officer, Regional Stores, Kusunda Area, BCCL, Dhanbad
4. Area Manager(Excv), Kusunda Area, BCCL, Dhanbad
5. Tech. Cell. MM Divn. Koyla Bhavan
6. Office Copy/Master Copy
7. Justice Ashok Kumar Chakraborty (Retired) ,BB-69 Sector I, Salt Lake,Kolkata-700064

Annexure - A

Scope of Supply: Supply of Field Switch & Commissioning at our site with satisfactory performance.

Specification of Field switch

The switch shall be of robust construction, yet light weight, suitable for the rugged terrain and the mining conditions for which it will be used. It shall also be dust and vermin proof and protected to withstand torrential monsoon rains.

The switch gear should be of the vacuum circuit breaker type with symmetrical rupturing capacity of 150 MVA at 3.3 KV 3 phase, 50 Hz 630 Amp with shunt trip mechanism, breaking current 13.1 KA, making current 33.4 KA and short time current for 3 second 17.3 KA in case of emergency it should be possible to trip the field switch from the operators cab by a push button switch.

Further specification / augmentation are as below:

1. Control panel should be fabricated out of steel sheet (not less than 2.5 mm) totally enclosed, front door should have latch lock to keep it steady in both fully opened and closed condition. Horizontal draw out platform should be rail mounted extended so that complete breaker can be taken out from the plate itself. The design should also facilitate easy accessibility to all the parts so that it should not be difficult to carry out the repair and maintenance work.
2. There should not be mixing of control power DC and AC wiring. Control wire should be proper insulation and capacity in multicolor properly numbered. Terminal block should be robust type and not less than 15 A, 660 V capacity. All internal components should be provided with identification suitably engraved.
3. 3.3 KV, 630 A TP off load isolator should have mechanical interlock with door and electrically and mechanically interlocking with VCB.

Breaker should have following safety & indication facilities:

- a) Mechanical ON - OFF indicator,
- b) Spring charge and discharge indicator.
- c) Aux. switches with 4 NO + 4 NC contacts
- d) Three epoxy resin cast current transformers of 3.3 KV grade with suitable ammeter and selector switch. (CTR – 75 -100/ 5 -5A,DUAL RATIO)
- e) 0-8 KV voltmeter with phase selector switch.
- f) Earth Leakage relay (solid state type) operating through CBT with test and reset and indication facilities of 0.2 to 2 Amp range of primary current.
- g) Three element type, two outer overload static relay (with setting range 50% to 150% and high set instantaneous element 400-1600 % and one element to control the earth fault IDMTL relay supply obtained from suitable power pack from PT has to be provided.
- h) Single-phase preventor for protection against unbalanced load.
- i) Non-directional definite time relay for stalling / starting protection.
- j) Incoming cable box suitable for PVC armoured 3 core 90 to 120 Sq.mm cable.
- k) Front and bold (LED) continuous indicator indicating trip circuit healthy.
- l) Limit switch should be provided with set of socket and plug for out going training cable, as to be supplied.
- m) Permanently printed electrical schematic diagram should be fixed in panel door.

- n) Pilot tripping adaptable.

TESTING AND CERTIFICATION.

1 TYPE TESTS –

Units should be type tested in accordance with IEC standards 60056, 60129, 60265, 60298, 60529 and 60694 or eqv standard for the followings.

- Short time and peak withstand current test
- Temperature rise tests.
- Dielectric tests.
- Test of apparatus i.e. circuit breaker and isolators
- Arc fault test
- Mechanical endurance test.
- Duty cycle test.
- Internal arc test for HT chamber.
- Degree of protection for IP – 54

Type test reports for above type should be submitted with the offer.

ROUTINE TESTS -

Routine tests should be carried out in accordance with IEC 60298 standards or eqv standard. These tests should be ensured the reliability of the unit.

Below listed test should be performed as routine tests before the delivery of units and test reports to be submitted with supply.

- Withstand voltage at power frequency
- Measurement of the resistance of the main circuit
- Withstand voltage on the auxiliary circuits
- Operation of functional locks, interlocks, signalling devices and auxiliary devices
- Suitability and correct operation of protections, control instruments and electrical connections of the circuit breaker operating mechanism
- Verification of wiring
- Visual inspectio

PENALTY FOR FAILURE TO SUPPLY IN TIME / L . D. CLAUSE

The time and date of 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 the purchaser.

In the event of failure to delivery or dispatch 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 successful tenderer, as agreed liquidated damages, a sum not less than 0.5%(half percentage) of the price of the stores which successful tenderer has 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 the successful tenderer on the account and at the risk of the defaulting supplier the stores not supplied or others of a similar description without canceling 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 the risk and cost of the defaulting supplier 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 en-cash 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 the supplier, 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 to the successful tenderer 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, the successful tenderer shall pay BCCL on demand the remaining amount. The supplier shall not be entitled to any gain under this clause.

The bidder must confirm the acceptance of this Penalty clause, which will not be altered.

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.

Format of BG for SD

M/s. Bharat Coking Coal Ltd.

Koyla Bhawan

Koyla Nagar

Dhanbad – 826005

In consideration of M/s Bharat Coking Coal Ltd. having its office at Koyla Bhawan, Koyla Nagar, Dhanbad hereinafter called “the Purchaser” (which expression shall unless repugnant to the subject or context including its successors and assigns) having agreed under the terms and condition of Contract No. dated made between M/s a Company having its office at (hereinafter called the supplier in connection with supply of hereinafter called the “said Contract” to accept a Deed of Guarantee as herein provided for Rs. in lieu of the security deposit to be made by the supplier for their due fulfillment of the terms contained in the said Contract, we, the Bank Limited (hereinafter referred to as the said Bank having its office at do hereby undertake and agree to indemnify and keep indemnified that Purchaser from time to time the extent of Rs.(Rupees :) against any loss. Damage caused charges and expenses caused to or suffered by or that may be caused to suffered by Purchaser by reason of any breach or breaches by the said supplier or any of the terms and conditions contained in the said Contract and to unconditionally pay the amount claimed by the Purchaser on demand and without demur to the extent aforesaid.

We, the Bank Limited do hereby agree that any demand made by Purchaser on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. We shall not withhold the payment on the ground that the supplier has disputed its liability to pay or has disputed the quantum of amount or that any legal proceeding is pending between the Purchaser and the Supplier regarding the claim. However, our liability under this Guarantee shall be restricted to an amount not exceeding Rs. We, the Bank Limited do further agree Guarantee herein contained shall come into force from the date hereof and shall remain in full force and effect up to Unless demand or claim under this Guarantee is made on us in writing on or before we shall be discharged of all liabilities under this Guarantee thereafter.

We, the Bank Limited further agree with the Purchaser that the Purchaser, shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Contract or to extend the time of delivery of the specified items in the Contract from time to time or to postpone for any time or from time to time any of the powers exercisable by the Purchaser against the said supplier and to forebear or enforce any of the terms and conditions relating to the said contract we shall not be relieved from our liability by the reason or any such variations or extension being granted to the said Supplier or for any forbearance act or omission on the part of the Purchaser or any indulgence by the Purchaser to the said Supplier or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us the Bank further agrees that in case this Guarantee is required for a longer period and it is not extended by the Bank beyond the period specified above. The Bank shall pay to the Purchaser the said sum of or such lesser sum as may then be due to the Purchaser and as the Purchaser may demand.

We, the Bank Limited lastly undertakes not to revoke this Guarantee during this currency except with the previous consent of the Purchaser in writing.

The Bank has under its constitution power, to give this Guarantee and Mr. Manager who has signed it on behalf of the Bank has authority to do so.

This Bank Guarantee will not be discharged due to the change in the constitution of the Bank or the Supplier.

Datedday of

For Bank Limited.

Signature of the authorized person

For and on behalf of the Bank.