



**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)

**1) SUPPLY / PURCHASE  
ORDER**

Under jurisdiction of Dhanbad Court and  
Jharkhand High Court only.

**BY REGD.POST / SPEED POST**

Ref no: BCCL/PUR/570000/RC for supply of UG Drill Bits/11-12/**153**

Dt. 07/11/2012

M/s. Gateway Mining Tools Pvt.Ltd.,  
HL Number 224, Shed No. 3&4,  
Konappana Agrahara,  
Hosur Road, Electronic City,  
Bangalore – 560100.  
(FaxNo:-(80-28521607)(Phoneno:-08028521616)  
( Vendor Code:212401 )

Sub: Supply of Drill Bit for U/G Mines

Ref: Rate Contract No. PUR/570000/RC for supply of UG Drill Bits/10-11/ 136

Dt. 28/30.08.10

Dear Sirs,

With reference to the above, we for and on behalf of BCCL hereby place **PURCHASE ORDER** on you for supply of Drill Bits for U/G Mines against above Rate Contract at the following price, terms and conditions.

**SCOPE OF SUPPLY:-**

SN	Description	Qty (Nos.)	Unit Basic Rate	Extended Value
1	Gateway 'Rotary Drill Bits conforming to IS:8166-1988, Stone Drill Bits 43mm, other technical details as per RC no. 136 Dt. 30/08/10	19,313	97.90	18,90,742.70
	CST @ 2%			37,814.85
				19,28,557.55

**Total Contractual Value will be (Rupees Nineteen lakhs Twenty Eight thousand Five hundred fifty seven and paise fifty five) only) (Material Code: 93030310078)**

**TERMS & CONDITIONS:**

- Payment Terms:** 100% within 30 days of receipt and acceptance of the materials by the consignee or from the date of receipt of Bills, whichever is later.
- Prices:** FIRM and FOR destination except Govt. taxes & duties which shall be paid extra as applicable at the time of dispatch subject to documentary evidence, within the specified delivery period.

- DELIVERY SCHEDULE:-** 5000-6000 Stone Drill Bits per month, commencing within 30 days or earlier from the date of receipt of order.

**NOTE :** Safe arrival of materials shall be your responsibility.

4. **Security Money:-** Exempted being Registered with NSIC.
5. **Inspection** – Final inspection shall be carried out at the consignee end after receipt of materials.
6. **Transit Insurance** – Shall be arranged and covered by you for safe arrival of the materials to the consignee end at your cost and risk.
- 7.**Submission of Bills-** Pre –receipted stamped original bill for 100% value in four copies along with, delivery challan in original, Guarantee/ Warranty certificate ,and other relevant documents , etc should be submitted to the Paying Authority through Consignee only.
8. **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 within 07 days from the date of receipt of report and replace the materials within 21 days free of cost.
9. **Packing: Consignment shall be supplied in suitable standard proper packing.**
10. **Consignee** – Depot Officer, Ekra Central Stores.,P.O:- Bansjora(Sijua), Dhanbad, Jharkhand, India (Phone NO:-0326-2330350)
11. **Paying Authority-** GM(F)PUR, MM DIVISION, BCCL,Koyla Bhawan. Koyla Nagar, Dhanbad
12. **All other terms & conditions will be as per Rate Contract referred above.**
13. **ALL DISPUTES ARE SUBJECT TO DHANBAD COURT AND JHARKHAND HIGH COURT JURISDICTION ONLY.**
14. **Issue of Road Permit:** Road Permit if required may be obtained directly from the Consignee under intimation to this office.

This contract is concluded with the issuance of this order. We are enclosing 2 copies of the Purchase order, one of which should be returned to us duly stamped and signed. This issues with the approval of the Competent Authority.

Yours faithfully,  
For & on behalf of Bharat Coking Coal Ltd.

( M.Mehta) Asst Manager(MM)	(AK Choudhary) Chief Manager(MM)
MB Ref.	BC/FC Details.
MB- 2012-13	BC No:- BCCL/HQ/Pur-Fin./Store Budget/Rev Budget/ 2012-13/Other Stores (U.G)/17 against MB/07/(A)/K.B/12-13 dt. 13.09.2012 for Rs. 79,24,128/- FC No:- BCCL/PURFIN/FC/12 for Rs 19,28,557.55/- dated 007.11.2012 /other stores (U.G) 12-13

Copy to:

1. Depot Officer, Ekra Central Stores.
2. GM(F)PUR. MM DIV, Koyla Bhawan.
3. CGM(E&M), Koyla Bhawan.
4. SM(MM) (Tech Cell), MM Div,Koyla Bhawan.
5. Master File/Office Copy.

**ANNEXURE-‘A’ for Technical Specifications**

ITEM	DESCRIPTION
STONE	DRILL BIT

**Detailed Technical Specifications**

The Rotary Drill Bit shall be required for use in underground Coal Mines for drilling holes in Coal/Stone, having following technical specification.

1. Make of Bit - ‘Gateway’
2. Conformity to IS 8166-1988 with latest amendment for bit.
1. Type of Bit - “A”
2. Nominal diameter - 43 mm
3. Outing diameter - 43 mm + 0.76mm ( No negative tolerance is allowed )
4. Tipe grade - 11
5. Tip width - 16mm
6. Tip geight - 24mm
7. Tip thickness - 3mm(min)
8. Tip champher - 4mm
9. Tenon diameter - 22mm
10. Core width - 22mm
11. Body width - 40mm
12. Body length - 56mm
13. Overall length - 95.3mm
14. Cap height - 30mm(min)
15. MATERIALS CONSTRUCTION:-
  - a) Spank & Body – High tensile steel - 0.55% carbon(min)
  - b) Tip - Tungsten Carbide H grade
- 16) Hardness - 210 HV(min) for bit body
17. GENERAL REQUIREMENTS:
  - a) Bit body shall allow an unrestricted flow of cutting away from the bit.
  - b) Attachment to the rod shall be streamlined
  - c) Tip shall be firmly brazed to the body of the bit
  - d) Erazing alloy as per IS – 2927-1975 with latest amendment( Table – IV)
  - e) Nominal rake angle - + 3 Degree.
  - f) Weight of drill bit - 230 (+) / (-) 10 gms.
18. Identification marking on each bit
  - a) Manufacturer’s name/trade make – H
  - b) Letter H for hardness type
  - c) Nominal size – 43mm
19. Tips (Conforming to IS:4005,latest)
  - a) Hardness - 1450 to 1550 HV
  - b) Composition - 7% to 8% cobalt
  - c) Pre deminating grain size - 1 to 3/um
  - d) Free from porosity, Eta-phase, pitting.