

ANNUAL REPORT & ACCOUNTS

2005-2006



CENTRAL MINE PLANNING & DESIGN INSTITUTE LIMITED
(A Subsidiary of Coal India Limited)

**GONDWANA PLACE: KANKE ROAD
RANCHI - 834 008**

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MANAGEMENT DURING 2005-2006

FULL - TIME

1.	Shri S. Chaudhuri	:	CMD
2.	Shri S. L. Soni	:	Director (Upto 31.01.2006)
3.	Shri B. Bhattacharya	:	Director (Upto 31.10.2005)
4.	Shri P. K. Kanchan	:	Director (From 08.08.2005)
5.	Shri N. C. Jha	:	Director (From 01.11.2005)
6.	Shri S. Chakrabarti	:	Director (From 01.02.2006)
7.	Shri S. R. Ghosh	:	Director (From 28.03.2006)

PART - TIME

8.	Shri Pradeep Kumar	:	Director
9.	Prof. A. K. Ghose	:	Director
10.	Shri Sanjiv Mittal	:	Director
11.	Shri Lakshman Jha	:	Director (From 05.04.2005)

COMPANY SECRETARY : Shri Udayan Chakrabarti

BANKERS : State Bank of India,
United Bank of India,
Bank of India.
Canara Bank
Bank of Maharastra
Union Bank of India,
Oriental Bank of Commerce
Indian Overseas Bank
State Bank of Indore
Central bank of India
UCO Bank

AUDITORS : M/s U. Narain & Co.
Chartered Accountants
Ranchi.

REGISTERED OFFICE : Gondwana Place, Kanke Road,
Ranchi - 834 008
Jharkhand, India

PRESENT MANAGEMENT

FULL - TIME

1. Shri S. Chaudhuri : Chairman cum Managing Director
2. Shri N.C. Jha : Director
3. Shri P. K. Kanchan : Director
4. Shri S. Chakrabarti : Director
5. Shri S. R. Ghosh : Director

PART - TIME

6. Shri Pradeep Kumar : Director
7. Prof. A. K. Ghose : Director
8. Shri Lakshman Jha : Director
9. Shri Sanjiv Mittal : Director

NOTICE FOR 31st ANNUAL GENERAL MEETING

Ref. no. CS/AGM-31/2006/6060

Dated: 14.08.2006.

Notice is hereby given to all the shareholders of Central Mine Planning & Design Institute Limited that the 31st Annual General Meeting of the Company will be held on Friday, the 18th August, 2006 at 11.30 A.M. at the Registered Office of the Company, Gondwana Place, Kanke Road, Ranchi to transact the following business:-

1. Adoption of the Annual Accounts:

To receive and adopt the Balance Sheet as on 31st March 2006, Profit & Loss Account for the year ended on that date along with the schedules attached thereto and the Auditors' Report thereon with the replies given by the management.

2. Adoption of the Directors' Report:

To receive and adopt the Report of the Board of Directors for the year 2005-06.

3. Fixation of remuneration to Auditors for the year 2006-07

The shareholders may pass the following resolution with or without modification

"Resolved that the remuneration payable to Statutory Auditors for the financial year 2006-07 is hereby recommended at Rs. 82,500/- plus out of pocket expenses towards traveling, boarding, lodging etc. as recommended by the Board in its 140th Meeting held on 21.06.2006."

4. Appointment of Part-time Directors

The shareholders may pass the following resolutions with or without modification

- (i) To appoint a Director in place of Sri Pradeep Kumar who retires in terms of Article 34(1)(e)(iii) of the Articles of Association of the Company and is eligible for re-appointment.
- (ii) To appoint a Director in place of Sri Sanjiv Mittal who retires in terms of Article 34(1)(e)(iii) of the Articles of Association of the Company and is eligible for re-appointment.
- (iii) To appoint a Director in place of Prof. A. K Ghose who retires in terms of Article 34(1)(e)(iii) of the Articles of Association of the Company and is eligible for re-appointment.

(iv) To appoint a Director in place of Sri Lakshman Jha who retires in terms of Article 34 (1) (e) (iii) of the Articles of Association of the Company and is eligible for re-appointment.

By Order of the Board of Directors
For Central Mine Planning &
Design Institute Limited

Sd/-
(Udayan Chakrabarti)
Company Secretary

N.B. A member entitled to attend and vote, is entitled to appoint a proxy to attend and vote instead of himself and the proxy need not be a member of the Company.

To

All members and Auditors of the Company.

DIRECTORS' REPORT

To

The Shareholders.

Gentlemen,

Your Directors have great pleasure in presenting the 31st Annual Report on the working of your Company along with the Accounts for the year ended 31st March, 2006 and Auditors' Report thereon.

Coal Production during 2005-06 in India was 407 Mt. Out of which, Coal India Ltd. (CIL), the holding company of CMPDI, contributed 343 Mt. Being an in-house consulting subsidiary, CMPDI continued to provide its specialised consulting services to CIL & its coal producing subsidiaries. Further, CMPDI also continued to render its specialised services to other clients viz. SCCL, TATA STEEL, NTPC, RSMML, DGH, ICML, UCIL, etc. Major highlights of performance of CMPDI during the year are:

- Exploratory drilling for 'proving' coal reserves in 80 blocks spread over 19 coalfields in India covering 2,00,120 m of drilling, was carried out against the target of 1,99,000 m.
- 14 Geological Reports based on coal exploration data were prepared which estimated 3.44 Billion Tonnes (Bt) of in-situ coal reserves comprising of 2.24 Bt- 'Proved' & 1.20 Bt- 'Indicated' category.
- 32 Project Reports / Revised Project Reports / Expansion Project Reports were prepared.
- 64 Environment Management Plans (EMPs) for coal mining projects were prepared.
- 16 Outside-CIL Consultancy jobs worth of Rs.4.04 crores were procured.
- An approach note has been prepared by CMPDI for consideration of CIL for new development in the related fields of Underground coal gasification (UCG).

A committee drawing members from ONGC, DGH, NLC and MECL had been constituted by MoC, under the chairmanship of CMD, CMPDI, for comprehensive examination and analysis relating to underground coal gasification. The committee has put forward recommendations for development of UCG in the country and regulatory framework required therein. Based on committee's recommendations CMPDI has undertaken the task of formulation of byelaws to meet the interim requirement in consultation with DGMS, Udaipur.

- Project on "e-information centre on coal and lignite" under R&D programme of Coal India Ltd. has been completed and the project has become functional.
- CMPDI as a co-implementing agency along with BCCL continued to provide its services for United Nations Development Programme (UNDP)/ Global Environment Facility (GEF) - Govt. of India (GoI) CBM Project "Coalbed Methane Recovery and Commercial Utilisation".

- Delineation of seven prospective CBM blocks and preparation of Data Package thereof for Directorate General of Hydrocarbons (DGH) for 3rd Round of bidding by the Govt. of India was completed and report submitted.
- CMPDI as the implementing agency on behalf of CIL, for Collaborative development of CBM prospects in Jharia & Raniganj coalfields by the consortium of CIL & ONGC, has taken up drilling of slim holes in Jharia and Raniganj Coalfields. Drilling of six boreholes has been completed and one is under progress in Jharia Coalfield whereas drilling of one borehole has been taken up in Raniganj Coalfield in March'06.

PART : A

CORPORATE OVERVIEW

Your Company continued to operate with seven Regional Institutes (RI) located at Asansol, Dhanbad, Ranchi, Nagpur, Bilaspur, Singrauli & Bhubaneswar and its headquarters at Ranchi. Seven Regional Institutes designated as RI-I to RI-VII rendered dedicated services to seven corresponding subsidiaries of CIL viz. ECL (RI-I), BCCL (RI-II), CCL (RI-III), WCL (RI-IV), SECL (RI-V), NCL (RI-VI), & MCL (RI-VII). HQ continued to provide planning & design services to NEC & non-CIL clients and also handled specialised assignments for both CIL & non-CIL clients.

Major Services Offered

- **Geological Exploration & Drilling**

Detailed geological exploration of regionally explored blocks with a view to generate reliable geological and geo-engineering data and assess in-situ coal reserve for preparation of mining project report; geophysical survey through multi-probe geophysical logging; high resolution shallow seismic survey; hydrogeological investigation and identification of coal bed methane resources.

- **Project Planning & Design**

Preparation of feasibility reports, detailed project reports and detailed engineering drawings for underground and opencast mines, coal and mineral beneficiation and utilisation plants, coal handling plants, workshops and other ancillary units and infrastructure facilities including techno-economic evaluation of various schemes and project reports for investment decisions.

- **Engineering Services**

Detailed design of system and sub-system for mines, beneficiation and utilisation plants, coal handling plants, power supply systems, workshops and other units, architectural planning & design.

- **Research & Development**

Serving as nodal agency for all S&T schemes funded by Ministry of Coal and R&D schemes funded by R&D Board of CIL. CMPDI, on its own, also takes up applied research and development in the field of mining, beneficiation, utilisation, environment, exploration, etc.

- **Laboratory Services**

- **Environmental Services**

- **Information Technology**

- **Human Resource Development**
- **Specialised Services**
 - ✓ Geomatics
 - ✓ Ventilation & Gas survey in mines
 - ✓ Controlled Blasting
 - ✓ Performance evaluation of new explosives
 - ✓ Mining Electronics
 - ✓ Mine capacity Assessment
 - ✓ Mine Support Design, Rock Mass Rating (RMR)
 - ✓ Non-Destructive Testing
 - ✓ Management System Consultancy

- **Services to MoC for allocation of Captive Mining Blocks**

During the year CMPDI provided assistance to the Ministry of Coal (MoC) in scrutinising the proposals for allocation of captive mining blocks forwarded by MoC. The exercise included examination of the boundaries of blocks, assessment of extractable reserves and indicative mine capacities.

- Your Company has also been and is actively involved in the identification, critical examination and evaluation of all bilateral projects for transfer of various technologies for coal mining, so as to improve the production, productivity and conservation in CIL mines.

Financial Working Results

During the year under review your Company earned a net profit of Rs.142.19 Lakhs (after tax). The working results of the company are given below:

	(Rs. In lakhs)
Sales	14,578.68
Less: Total Net Expenditure	13,736.97
 Gross Profit	 841.71
 Less : Depreciation	 209.00
Interest	20.58
Provision	<u>107.71</u>
	337.29
 Profit for the year before PP Adj. & Tax	 504.42
Less: Prior Period Adjustment	109.90
 Profit before Taxation	 394.52
Less: Provision for Taxation	300.00
Less : Provision for Fringe Benefit Tax	86.00
Add: Provision for deferred Tax	133.67
 Profit for the year after Tax	 142.19

Opportunities

The Indian coal mining sector is generally forecast to grow at 5.5 - 6% per annum over the next two decades commensurate with the projected GDP growth of around 8% per annum. Ambitious energy augmentation plan of Ministry of Power has put demand of domestic coal to a level of 676 million tonnes by the year 2011-12 i.e. terminal year of XI Plan from the level of 463 million tonnes during 2006-07 i.e. terminal year of X Plan. Coal India Ltd. (CIL) will be contributing to the extent of 85% of the total indigenous coal production. This will require CIL to grow substantially in future which will provide ample opportunities for CMPDI to render its services to CIL in the years ahead.

Enlargement of Coal resource base and faster proving of coal resources are required for meeting the rapidly increasing energy demand of the country. Mandate for expanding drilling capacity of CMPDI has been reflected in the Finance Minister's Budget Speech of 2006-07.

Development taking place in emerging areas like Coal Bed Methane (CBM), Underground Coal Gasification (UCG) and Information & Communication Technology (I&CT) in coal sector are also in focus. These emerging technologies will present additional opportunity areas for CMPDI in coming years.

Challenges

With the opening up of Indian Coal Sector, private investment has started pouring in. These investments have come in the form of backward integration of companies engaged in power, iron & steel and cement sectors.

CMPDI, which was conceived and set up to provide in-house consulting services to CIL and its subsidiaries, will have to expand its horizon now to cater to the requirement of the entire coal sector. This requires capacity building in terms of expertise and equipment, particularly for exploration.

Outlook

Strategically, CMPDI will have to tie up with reputed agencies for catering to the increased drilling, mine planning / design and environmental planning works for the entire coal sector. Subcontracting of drilling and upgrading/replacing the existing drilling equipment with high productivity drills are being contemplated for enhancing drilling capacity. CMPDI with large base of expertise is all set to enter in the areas of emerging technologies like Coal Bed Methane (CBM) and Information & Communication Technology (I&CT).

PART : B

ANNUAL PERFORMANCE OVERVIEW

1.0 Geological Exploration & Drilling

CMPDI continued to carry out its coal exploration programme in 2005-06. CBM exploration through departmental drills was also taken up during the year. The thrust areas, however, were CIL, non-CIL and promotional blocks. Exploration in CIL blocks was taken up to cater the needs of project planning/production support of subsidiaries of CIL whereas exploration in Non-CIL/Captive Mining blocks was taken up to facilitate allotment of coal blocks to prospective entrepreneurs for captive mining. Promotional exploration was taken up to identify new coal resources. According to the guidelines of Ministry of Coal, all exploration for allotment of captive mining blocks would be done by CMPDI or under its direct supervision. Ministry of Coal is providing fund for exploration in Non-CIL/Captive Mining and Promotional blocks whereas subsidiaries of CIL meet expenses of exploration in CIL blocks.

1.1 Drilling Performance

1.1.1 The departmental resources of CMPDI were deployed for exploration in CIL/Non-CIL/Promotional/CBM blocks. Apart from it, services of Directorate of Geology & Mining of State Govts. of MP, Chhattisgarh and Orissa were utilised for nominal amount of drilling in CIL blocks as per routine. Services of MECL were also utilised for priority exploration in extension area of a WCL mine.

1.1.2 In 2005-06, CMPDI and its contractual agencies took up exploratory drilling in 80 blocks/mines spread over 19 coalfields. The coalfields are Raniganj (9 blocks/mines), Brahmani (1), Jharia(1), North Karanpura (9), South Karanpura (2), Tawa Valley (2), Pathakhera (1), Pench Kanhan (5), Kamptee (1), Umrer-Bander (2), Wardha (10), Sohagpur (15), Mand Raigarh (4), Korba (4), Bisrampur (4), Chirimiri (1), Singrauli (1), Talcher (5) and Ib Valley (3). Out of 80 blocks/mines, 8 were Non-CIL/Captive blocks, 4 Promotional blocks and 68 CIL blocks/mines. Departmental drills of CMPDI took up exploration in 65 blocks/mines whereas drilling in 15 mine areas was undertaken by contractual agencies.

1.1.3 The overall performance of exploratory drilling by CMPDI and its contractual agencies during 2005-2006 is given below:

Agency	Annual Target 2005-06 BE (m)	Agency-wise Performance of Exploratory Drilling in 2005-06			Achieved 2004-05 (m)
		Achieved (m)	Achieved (%)	+/- (m)	
CMPDI	1,92,000	1,92,296	100%	+ 296	1,82,621
MECL	Unscheduled	2,029	-	+2,029	10,834
State Govts.	7,000	5,795	83%	- 1,205	8,194
Total	1,99,000	2,00,120	101%	+1,120	2,01,649

The departmental drilling of 1,92,296m includes 1,40,466m in CIL blocks, 40,386m in Non-CIL/Captive Mining Blocks, 11,123m in Promotional blocks, 172m for Govt. of Jharkhand and 149m in a CIL-ONGC Joint Venture block in Raniganj coalfield for CBM exploration. The Directorate of Geology of three St. Govts. have drilled in CIL blocks only. In 2005-06, MECL was also assigned drilling in extension area of a WCL mine.

In 2005-06, CMPDI achieved its departmental and overall target of drilling by 100% and 101% respectively. The performance of departmental drilling was better than previous year by 9,675m with a 5% growth. The average productivity of operational drills of CMPDI has also risen by 22m per drill per month to reach at 359m/drill/month. The marginal shortfall in St. Govts.' drilling was mainly due to late start of work by DG (Orissa).

1.1.4 Drilling in Non-CIL/Captive Blocks:

In 2005-06, a total of 40,386m of exploratory drilling have been carried out by CMPDI. A total of 8 Non-CIL/Captive Mining blocks in five coalfields were taken up for this purpose. Ministry of Coal has approved the Revised Cost Estimate of Rs.93.84 Crores (Rs.70.66 Crores original) to undertake 2.83 lakh metre of drilling in X plan. The coalfield and block-wise achievement of drilling is given below:

Agency/ Command Area	Coalfield	Block	Drilling in 2005-06 (m)
CMPDI:			
CCL	North Karanpura	Routpara	2,475
		Babupara	156
	South Karanpura	Tokisud-II	6,832
SECL	Sohagpur	Batura	4,684
		Manpura	2,151
	Mand Raigarh	Pelma *	1,010
		Gare Sector-III *	7,844
MCL	Talcher	Machhakuta	15,234
Grand Total of Drilling in Non-CIL blocks:			40,386

* Drilling concluded; rest of the blocks will continue.

1.1.5 Promotional Exploration by CMPDI:

In 2005-06, CMPDI continued the Promotional drilling in Ashoka Karketta West block of North Karanpura coalfield and Banbahera block of Tawa Valley CF. Apart from it, Deonad-I block in N. Karanpura coalfield and Chimri block in Tawa Valley coalfield were also taken up under the MoC scheme of Promotional Exploration in Coal & Lignite in X Plan. In total, CMPDI has carried out 11,123 metre of Promotional drilling in 2005-06 as detailed below:

Agency/ Company Command Area	Coalfield	Block	Drilling in 2005-06 (m)
CMPDI:			
CCL	North Karanpura	Ashok Karkatta West *	4,645
		Deonad – I	2,050
WCL	Tawa Valley	Banbahera *	3,356
		Chimri	1,072
Total Promotional Drilling by CMPDI:			11,123

* Drilling concluded; rest of the blocks will continue.

1.2 Geological Reports:

- 1.2.1** A total of 14 Geological Reports on coal exploration have been submitted in 2005-06. Out of it, 6 reports are on CIL blocks (including one Interim GR) and 8 are on Non-CIL/Captive Mining blocks.
- 1.2.2** The 14 Geological Reports have estimated 3.44 Billion Tonnes of in-situ coal resources in 2005-06. Out of it, 2.24 Bt of resources are under 'Proved' category and 1.20 Bt is in 'Indicated' category.

1.3 Geophysical Surveys:

- 1.3.1** **Geophysical Logging:** During the year 2005-06, CMPDI studied 25 boreholes with multi-parametric geophysical logging. A total of 7210 metre of geophysical logging had been carried out for this purpose in CIL and Non-CIL blocks.
- 1.3.2** **Surface Geophysical Surveys:** Electrical Resistivity and Magnetic surveys have been undertaken by CMPDI in CIL, Non-CIL and Promotional blocks for delineation of incrops of coal seams, assessment of geometry of block and for other jobs like groundwater investigation and underground cavity detection, etc. A total of 163 line km. of Resistivity profiling, 151 no. Vertical Electrical Sounding, 4944 no. stations of Magnetic Survey and 2 line km. of self potential survey have been carried out.
- 1.3.3** CMPDI procured two deep capacity Geophysical Loggers in 2005-06. This acquisition has enabled CMPDI to Geophysically log deep boreholes undertaken for CBM exploration. Three shallow capacity loggers are under process of procurement. These efforts are enhancing the technological level of CMPDI.

1.4 Geosystem :

- 1.4.1** A total of ten Geological Reports were prepared using MINEX software. The use of in-house software CEMPGEODOC was further promoted at Regional Institutes (RIs) and camp level.
- 1.4.2** The Government funded project titled 'Integrated Coal Resources Information System' continued in 2005-06 also. An outside agency has captured the borehole data of 288 Geological Reports, which have been checked and validated. The tender for map data capture will be finalised soon. Software and hardware worth of Rs.1.7 Crores have been procured to equip 9 data centres (7 RIs, CMPDI(HQ) and SCCL). Works related to Database design and GIS applications have also been initiated for early completion.

1.5 Hydrogeology:

- 1.5.1** Hydrogeological studies of a number of mining projects were taken up for preparation of 'Groundwater Clearance Application' for CGWA approval and EMP clearance. Hydrogeological studies for 22 projects in ECL, CCL, WCL, SECL and NCL areas (updated & re-submitted) were completed during 2005-06. A number of other projects are under progress for such studies required for EMP clearance.
- 1.5.2** Apart from it, short-term hydrogeological studies for water supply, mine inflow and dewatering in 5 project areas of CCL is under progress. Preparation of hydrogeological and watershed model of West Bokaro Coalfield has also been taken up in 2005-06. The Geo-technical investigations at Garhi Dam site area have been completed and report submitted.

- 1.5.3** Additionally, Hydrogeological studies in 4 project areas of WCL and 9 project areas in SECL were completed for production support work/project report preparation. Groundwater monitoring of 8 mining projects in WCL area were also concluded.
- 1.5.4** Hydrogeological studies, concurrent with exploration in Kalyaneswari block of BCCL, were concluded and report submitted.
- 1.5.6** CMPDI also took up Hydrogeological studies in Seepat NTPC plant for preparation of water supply scheme. The job has been completed and report submitted.

1.6 COAL BED METHANE (CBM)

1.6.1 UNDP/Global Environment Facility (GEF)- GoI Project- Coalbed Methane Recovery and Commercial Utilisation

The demonstration project "Coalbed Methane Recovery and Commercial Utilisation" has been approved by the Government of India in Sept.'99, under the S&T plan of Ministry of Coal, at an estimated cost of Rs.76.85 crores (USD18.082 million) with 5 years duration (completion time September'2004). The project is being funded jointly by Global Environment Facility (GEF)/ United Nations Development Programme (UNDP) and Government of India (GoI). Central Mine Planning & Design Institute Ltd. (CMPDI) and Bharat Coking Coal Ltd. (BCCL) are the implementing agencies on behalf of GOI. The project is under implementation at Moonidih and Sudamdh mines of BCCL in Jharia coalfield.

The RCE-June'04 was cleared by EFC in Nov'04 for Rs.92.427 crores with completion schedule of October'06. With the approval of MoC, the project was subjected to Mid-term evaluation by two independent experts engaged by UNDP, who recommended for extension of the project by three years i.e. until the end of 2007. In the 5th National Steering Committee (NSC) under Chairmanship of Secretary (Coal), MoC it was agreed that the project activities can go upto the end of 2007.

During the year 2005-06, following activities have been undertaken or are in progress:

- i) International CBM recovery Equipment procurement under UNIDO:** All the major equipment packages for surface drilling under procurement by UNIDO have arrived and the Surface drilling commenced on 14th September 2005 at Moonidih. The major equipment packages for underground drilling have been ordered and the Down Hole Motors delivered at site in Oct'05 and Horizontal Longhole Drill delivered in Feb 2006. One package i.e Steering Tool for the Long Hole Drill is under evaluation. There has been delay in procurement of various equipment packages due to number of re-tendering by UNIDO, which has resulted in project time over run.
- ii) Lab Equipment under procurement by CMRI:** Two Laboratory equipment viz. Field Desorption Apparatus and Gas Chromatography System upgrade have been installed and commissioned at CMRI, at the project cost. Procurement of two other Lab equipment i.e. Adsorption Isotherm Apparatus upgrade and Mobile Field Desorption Lab., are in progress.
- iii) Training/Study Tours abroad:** Following trainings/study tours have been undertaken during the year:
 - (a) Gas Utilisation Study Tour/training in USA was undertaken by seven project personnel from BCCL.

- (b) Down Hole Motors Training & Pre despatch inspection at USA was undertaken by two project personnel from BCCL.
- (c) Chief Project Manager attended 4th International CMM Conference on 15th & 16th Sept'05 at Bochum, Germany.

iv) **CBM Utilisation equipment:** To demonstrate the utilisation through use of recovered CBM/CMM, 1 MW (250kW x 4) CBM gas-based Power Generating equipment at Moonidih site and as fuel to converted Mine Trucks at Sudamdihi site are in procurement stage.

v) **Site activities:**

- (i) Vertical drilling was inaugurated by Secretary (Coal) on 14th September at Moonidih site. Total drilled depth of 1st Vertical well (upto the end of March 2006) is 559m and likely completion depth is 1000m. All proposed seven wells and one gob well have been located for future drilling activities to recover gas for utilisation.
- (ii) Underground drilling sites have been finalised at Sudamdihi and Moonidih mines. Immediately on receipt of Steering tool, UG drilling will be taken up at Sudamdihi, which is likely to commence in mid of 2006.
- (iii) Gas pipe line route survey completed and laying will commence immediately on receipt of Fusion Machine which is under procurement by UNIDO.

1.6.2 Collaborative development of CBM prospects in Jharia & Raniganj coalfields by the consortium of CIL & ONGC.

In terms of Govt. of India CBM policy, consortium of CIL and ONGC has been allotted 2 blocks – one each in Raniganj and Jharia coalfields for development of coalbed methane. In this project, CMPDI is the implementing agency on behalf of CIL. The Govt. of Jharkhand granted Petroleum Exploration License (PEL) to the consortium in Aug'03 for Jharia CBM block. Based on detailed study and all available geological and geophysical data by CMPDI & ONGC joint CBM team, location of 8 slimholes was fixed.

The drilling of slim hole was started in Dec'04. So far six boreholes have been completed, one is under progress and drilling in one borehole is under suspension. Total meterage drilled during 2005-06 is 7,277m and CBM related tests are being carried out.

The Petroleum Exploration License (PEL) for Raniganj CBM block was granted by the Govt. of West Bengal on 09.06.04 and geological exercise for locating slim holes/ wells to be drilled in Raniganj CBM block has been carried out jointly by CMPDI-ONGC team. Consequent upon the above exercise, location of slim holes has been finalised.

The drilling of one slim hole has been started on 23rd March 2006 by CMPDI's own drilling rig. Total meterage drilled during 2005-06 is 149m.

1.6.3 CBM Related Studies under Promotional Exploration during X Plan.

CMPDI has taken up studies related to "Assessment of Coalbed Methane Gas-in-Place Resource of Indian Coalfields" through boreholes being drilled under promotional exploration (X Plan period) being funded by Govt. of India with a total plan expenditure of Rs 8.83 crores.

On getting approval of this project from the Govt. in Sept'04, the blocks under promotional exploration were prioritised and CBM related studies were taken up. Samples have been collected for desorption studies from 8 boreholes spread over different coalfields during 2005-06 while CBM related tests have been carried out in 12 boreholes since commencement.

1.6.4 Delineation of CBM blocks and preparation of Data Package thereof for Directorate General of Hydrocarbons (DGH) for 3rd Round of bidding by the Govt. of India.

The Directorate General of Hydrocarbons (DGH) has awarded the work of delineation of 7 prospective CBM blocks and preparation of their data packages/information dockets for 3rd round of bidding of CBM Blocks by the Govt. of India.

Data package and Information docket for all the seven blocks have been submitted to DGH.

1.6.5 UK-India CBM Technology Transfer Project.

This project is sponsored by Dept. of Trade & Industry (DTI), Govt. of UK and being managed by M/s Wardell Armstrong. CMPDI has been commissioned to take up the job with due approval of Ministry of Coal. This project is related to study of gas emission characteristics of gassy mines with an objective to develop an understanding for the methane emission in Indian coal mines and for appraisal of one or two abandoned mines for assessment of Abandoned Mine Methane (AMM) prospects. In this regard, a report titled "Gas Emission Characteristics of Moonidih & Amlabad Mines, Jharia Coalfield, India" has already been submitted to M/s Wardell Armstrong as stipulated in contract for 1st Part of the Project.

As 2nd Part of the Project a report titled "A preliminary appraisal of Abandoned Mine Methane Resource in Girmint & Banksimulia collieries, Raniganj Coalfield" has been prepared and submitted. With this the assigned work for this transfer project has been concluded.

2.0 PROJECT PLANNING & DESIGN

During the year 2005-2006, preparation of project reports for new / expansion / re-organisation mines for building of additional coal production capacity was carried out as per prioritisation of coal producing subsidiary companies of Coal India Limited. Thrust was given for identification & preparation of reports of XI Plan Projects and completion of balance reports of X Plan projects.

'Emergency Coal Production Plan' for production of additional 59.5 Mt of coal by CIL by the terminal year of XI Plan (2011-12) was prepared and appraised by PIB. The preparation of Projects Reports of Projects identified under 'Emergency Coal Production Plan' has also been taken up, out of which four projects have already been prepared and processed for Govt. approval.

In addition to above, the following jobs were also undertaken:

- Revision of project reports/ cost estimates
- Feasibility reports for coking/non-coking coal washeries
- Study on improvement/modernisation of existing BCCL washeries
- Operational plans for large OC mines
- Environment Management Plan (EMP) including EMP for Post-facto environmental clearance for incremental production.

- Special reports for dealing with fire & subsidence, stabilisation schemes below unstable workings, safety, development of infrastructures, etc.
- Detailed design and drawings, NIT, tender scrutiny, etc.
- Mine capacity assessment of underground & opencast mines of CIL.
- Various technical studies relating to operation of opencast & underground mines.
- Performance analysis of HEMM deployed in OC mines, Powered Support Longwall faces and intermediate technology using SDLs and LHDs in CIL mines.

During the year 2005-2006, expert consultancy services were also provided to subsidiary companies of Coal India Limited in the field of Environmental Management and Monitoring, Remote Sensing, Energy Audit (Diesel & Electrical), Benchmarking of Diesel & Electrical Consumption and Fixation of Diesel & Electrical Consumption Norms of Opencast and Underground mines, Physico-mechanical tests on Rock and Coal Samples, Subsidence Studies, Strata Control, Non-Destructive Testing (NDT), Controlled Blasting & Vibration Studies and Explosive Utilisation, Ventilation / Gas Survey of UG mines, Mining Electronics, Slope stability, Petrography and Cleat Study on coal samples, Coal Core Processing & Analysis, Washability tests, etc.

During the year 2005-2006, a total of 274 reports have been prepared for CIL and its subsidiary companies.

The break-up of reports prepared has been given below:

REPORTS	Nos.
GEOLOGICAL REPORTS	14
PROJECT REPORTS	31
REVISED PROJECT REPORT	1
SPECIAL REPORTS	15
OPERATIONAL PLANS	12
OTHER STUDIES	137
EMPs	64*
TOTAL	274*

* Includes 27 EMPs for Post-facto environmental clearance for incremental production & 14 EMPs for incremental production during 2005-06.

Detail of reports prepared during the period 2005-06 is furnished in Annexure-I.

2.1 PERSPECTIVE PLANNING & PROJECT APPRAISAL

i) Status of X Plan Projects

101 numbers of new projects were identified to be taken up by CIL under X Plan. As on 31.3.2006, out of 101 Project Reports to be prepared, 96 have already been prepared by CMPDI. Out of balance 5 Project Reports, 1 no. (Siarmal OC) has been shifted to XI Plan, 1 No. (Yamuna OC) has been dropped, 1 no. (Bermo OC) is to be withdrawn from X Plan by concerned Coal Company & remaining 2 nos. (Gopal Prasad + Utkal A OC & Talabira II & III OC) are scheduled to be prepared in 2006-07.

ii) Identification of XI Plan Projects

CMPDI has prepared a tentative list of Projects to be taken up by CIL during XI Plan. 116 nos. of XI Plan projects have been identified for which Project Reports are to be prepared by CMPDI. Project Reports for 12 nos. Projects have been prepared during 2005-06.

The total incremental capacity for 116 Projects comes to 246.10 MT and will have contribution of 126.03 MT of Coal in year 2011-12.

2.2 COAL & MINERAL PREPARATION

CMPDI offers a broad spectrum technology services ranging from concept to commissioning of coal washeries, mineral beneficiation plants and modification / modernisation of existing plants. The broad technological services encompass exhaustive laboratory studies, project report preparation and project planning, detail design, construction management and wide range of R&D activities. Following major jobs have been completed during the year 2005-06:

- i) Report on testing of Kamptee OC coal to find out the washing possibility
- ii) Quality upgradation of rejects of Piparwar washery
- iii) Preparation of Techno-Economic Feasibility Report (TEFR) for setting up of coking coal washery at Dhori Area of CCL (Kargali washery replacement)
- iv) Preparation of Feasibility Report (FR) for fine coal beneficiation by installing spiral concentrator at Nandan washery
- v) Preparation of scheme & renovation of Komag Jig of Nandan washery
- vi) Annual reports on development of data bank for 16 CIL washeries for the period 04-05 for CIL.
- vii) Study reports of five BCCL washeries (Phase-I)
- viii) Preparation of detail design, drawing & NIT for renovation of civil structures in existing circuit of Kargali washery, CCL.
- ix) Preparation of Tender document for Installation of Column Flotation Plant at Sawang washery, CCL.
- x) Tender evaluation for the project 'Installation of Column Flotation Demonstration Plant at Sawang Washery, CCL'.

3.0 ENGINEERING SERVICES :

Apart from providing consultancy services for coal handling plants, workshop, power supply, distribution and control systems, pumping and drainage system, industrial and residential buildings, roads and railway siding, townships, the following services were provided:

3.1 Electrical and Mechanical Engineering Services

3.1.1 Energy Audit Management

Petroleum Conservation Research Association (under ministry of Petroleum and Natural Gas), Govt. of India, has empanelled CMPDI as Energy Auditor on PCRA's Panel.

20 nos. of Electrical energy audit /conservation reports and 1 number of Diesel Audit/Conservation reports were prepared for OC/UG mines of CIL. Energy audit report (Diesel) has been implemented at 2 projects of NCL.

Reports on benchmarking of diesel consumption and fixation of norms for six mines of NCL and one mine of SECL and benchmarking of electrical energy consumption and fixation of norms for five mines of NCL and two mines of CCL were prepared.

3.1.2 Inspection Services

CMPDI continued third party inspection services of materials/equipment worth of Rs.244 crores (approximately) purchased by different subsidiaries of CIL.

3.1.3 Power supply, distribution and control System

- i) Tender document of transportable 2x10 MVA, 33/6.6 kV Modular Sub-station for NCL

- ii) Approval of electrical drawings for Nigahi CHP, Phase-II, Package-A

3.1.4 Other Studies

- i) Float requirement (All types of Drills) in HEMM for NCL
- ii) Scheme for interlocking between crushing and dust suppression system at Gevra and Dipka OCP
- iii) Scheme, bill of quantity and construction drawing for proposed sewage treatment plant at Khadia, NCL
- iv) Completion report of Central Workshop, Talcher
- v) Completion report of Central Workshop, Ib-Valley
- vi) Scheme for despatch of crushed coal by Mechanical system from Bina through Kakri Wharf wall.

3.2 Civil Engineering Services

Following major services were provided during the year under review:

- i) Reports on structural adequacy study and suggestion of remedial measures for CHPs at Gevra and Dipka area
- ii) Innovative repairing technique with light weight concrete and special alloy steel protection suggested for strengthening and structural adequacy of transfer house at Gevra Project. Report implemented successfully.
- iii) Innovative technique by adopting differential thermal analysis and ultrasonic rebound hammer tests suggested for Kusmunda CHP and associated strengthening work of fire damaged 20,000t ground bunker.
- iv) Design of a state-of-the-art modular sub-station for NCL collieries
- v) Structural design of slime pond at Piparwar washery, CCL

4.0 RESEARCH AND DEVELOPMENT :

The R&D activities in Coal sector is administered through an apex body namely, Standing Scientific Research Committee (SSRC) with Secretary (Coal) as its Chairman. The other members of this apex body include Chairman of CIL, CMDs of CMPDI, SCCL and NLC, Director of concerned CSIR laboratories, representatives of Department of S&T, Planning Commission and educational institutions, amongst others. The main functions of SSRC are to plan, programme, budget and oversee the implementations of research projects and seek application of the findings of the R&D work done. For in-house R&D work of CIL, R&D Board headed by Chairman CIL is also functioning.

The SSRC is being assisted by three Standing Sub-committees, each dealing with one of the three relevant major areas of research viz. (i) Production, Productivity & Safety (ii) Coal Beneficiation & Utilisation and (iii) Environment & Ecology.

- 4.1** CMPDI acts as the Nodal Agency for co-ordination of research activities in the coal sector, which involves identification of Thrust Areas for research activities, identification of agencies which can take up the research work in the identified fields, processing the proposals for Government approval, monitoring the progress of implementation of the projects, preparation of budget estimates, disbursement of funds, etc.

4.1.1 Status of Coal S&T projects in the X Plan period:

i)	Projects completed from April'02 to March'05	30
ii)	Projects on-going as on 01.04.2005	47
iii)	Projects sanctioned by GoI during 2005-06	09
iv)	Projects completed during 2005-06	11
v)	Projects on-going as on 01.04.2006	45

4.1.2 Following Coal S&T projects were completed during 2005-06:

- i) Study of problems of spontaneous heating of coal pillars and development of techniques for its prevention and early detection and control
- ii) Development of suitable subsidence prediction model for single seam workings in SECL area
- iii) Trial of fibre reinforced shotcrete - bolt support in an underground gallery in coal subjected to high induced stresses
- iv) To study the role of blast design parameters on ground vibration and correlation of vibration level to blasting damage to surface structures
- v) Optimisation of production from underground coal mines by achieving longer pull
- vi) Application of chemical treatment and centrifugation in environment friendly disposal of coal washery tailing/effluent slurry
- vii) Studies on Multi Gravity Separator for treating fine coal
- viii) Development of a process for clarification of inlet water and waste water of coal washery by using magnetic particle technology
- ix) Production of clean fuel gas from coal derived gases using reactive, regenerable sorbents for sulphur removal and candle filters for fine particulates control
- x) Bioprocessing of lignite and bioremediation of its sulphur rich wastes for development of environment friendly value added products
- xi) Air pollution resistance and filtering capacities in trees and shrubs of surrounding opencast coal mines area

4.1.3 Budget provisions vis-à-vis actual fund disbursement during the period are given below:

(Rs. in Crores)						
2003-04		2004-05		2005-06		2006-07
RE	Actual	RE	Actual	RE	Actual	BE
10.04	9.82	12.43	12.73	14.84	14.74	21.09

4.2 CMPDI also acts as the Nodal Agency for co-ordination of research activities funded by CIL R&D Board.

4.2.1 The status of CIL R&D Board projects during 2005-06 was as follows:

- i) Projects on-going as on 1.4.2005 - 12
- ii) Projects sanctioned during 2005-06 - 02
- iii) Projects completed during 2005-06 - 03
- iv) Projects on-going as on 1.4.2006 - 11

4.2.2 Following R&D Projects were completed during 2005-06:

- i) Characterisation of cleats in coal from Raniganj and Jharia Coalfields

- ii) Capacity building for creation of an e-information centre on coal and lignite
- iii) Utilisation of overburden materials through modification of physico-Mechanical properties for construction of haul road

5.0 Co-ordination of EMSC Schemes

CMPDI is the nodal agency for co-ordination and monitoring of ongoing environmental upgradation schemes sanctioned by Ministry of Coal under the head "Environmental Measures and Subsidence Control". CMPDI undertakes technical scrutiny of new proposals, visits to project sites and disburses funds to the implementing agencies. 17 schemes are under implementation including 3 fire control schemes.

6.0 LABORATORY SERVICES

6.1 Chemical Laboratory

- i) Characterisation of coal was carried out on borehole coal cores from 20 blocks explored by CMPDI covering 10 coalfields. A total of 4830.80m of coal cores were processed and 12,805 nos. of samples were analysed for quality evaluation and their downstream utilisation.
- ii) ROM coal samples from Manuguru area of SCCL was collected for detailed washability study.
- iii) Characterisation of coal for sponge iron from exploration blocks is now being routinely taken up. Characterisation in respect of two blocks, namely Karandari and Ukni has been completed.
- iv) Detailed characterisation of ROM and washed coals from Bina & Dudhichua OCP of NCL and borehole coal cores from Rohne block of North Karanpura Coalfield of CCL were completed.

6.2 Coal Petrography Laboratory

This laboratory has been accredited by International Committee of Coal and Organic Petrology (ICCP) for vitrinite reflectance and maceral analysis as per IS 7404. Following jobs were undertaken during the year 2005-06:

- i) Petrographic studies (vitrinite reflectance and maceral analysis), mineralisation study (through XRD technique), shape & size study of minerals and cleat analysis (through SEM technique) for 372 coal samples were completed against the target of 340 samples. The areas covered include imported coal, working mines and exploration blocks from different coal companies.
- ii) CIL R&D project titled "Characterisation of cleats in coal from Raniganj and Jharia Coalfield" was successfully completed and the report submitted.
- iii) CIL R&D funded project titled "Resource assessment and characterisation study of non-coking coals for sponge iron industry" is in progress.

6.3 Coal Preparation Laboratory

The Coal Preparation Laboratory has carried out studies relating to beneficiation characteristics and characterisation of coal samples of different coal companies like CCL, MCL, WCL and NCL. The following studies were taken up during the year 2005-06:

- i) Washability studies of 4 coal samples of CCL, namely Ashoka OC, Tapin, Parej and Dhori for preparation of Techno-Economic Feasibility Report (TEFR) for setting up coking/non-coking coal washeries.
- ii) Suitability of coal samples from Hingula, Dharam, Baroud, Dudhichua, Gondegaon, Mungoli and Bina OCPs for use in Sponge Iron Industry.
- iii) Beneficiation studies on rejects of Piparwar Washery of CCL.
- iv) Washability studies of borehole coal core samples of Rohne block of CCL and ROM coal sample from Kamptee OCP of WCL.

6.4 Mining Laboratory

Mining laboratory caters for the jobs related with rock mechanics, strata control and subsidence. Following jobs were carried out during 2005-06:

6.4.1 Rock Mechanics

- i) Tests were conducted on 1616.30m length of drill core samples for determination of physico-mechanical properties.
- ii) Tests were conducted on 44 nos. roof rock samples from various mines of CIL for determination of strength properties, slake durability index and density.

6.4.2 Strata Control & Subsidence

- i) RMR and rock load studies for 38 mines/districts of CIL have been completed and reports submitted.
- ii) Subsidence prediction reports were prepared for six underground mines of CIL.

7.0 ENVIRONMENTAL SERVICES:

7.1 EIA / EMPs

During the year, CMPDI formulated 64 EMPs for projects of subsidiary companies of CIL, which includes 27 EMPs for post-facto environmental clearance for incremental production and 14 EMPs for incremental production during 2005-06.

7.2 Environmental Monitoring for Air, Water and Noise

Once MoEF accords the environmental clearance to the mining projects, routine environmental monitoring is required to ascertain the efficacy of the pollution control measures taken up at the project level during their operational phase. During 2005-06, environmental monitoring work of 229 projects of CIL (ECL – 16, CCL – 58, WCL – 80, SECL – 46, NCL – 9 and MCL – 20) was carried out by CMPDI through six environmental laboratories located at Asansol, Jayant, Kusmunda, Hasdeo, Nagpur and Ranchi.

7.3 Special Studies

- (i) A S&T project titled "Development of Emission Factors for various mining machineries and operation in OC Coal Mines", approved by Ministry of Coal in April'02 for an estimated cost of Rs 78.01 lakhs, is under implementation.
- (ii) A S&T project titled "Fly Ash Characterisation for Mine Void Reclamation", approved by Ministry of Coal in September'03 for an estimated value of Rs 243.684 lakhs, is under implementation.

(iii) A S&T Project on "Development of Suitable Biological Wastewater Treatment Technology through Constructed Wetlands for Treatment of Acid Mine Drainage from Coal Projects", approved by Ministry of Coal in June'04 for an estimated value of Rs 78.62 Lakhs, is under implementation.

7.4 Testing of Effluent from Coal Washeries

Testing of effluent generated at 7 (seven) CCL coal washeries was undertaken for submission to State Pollution Control Board. The analysis report has been submitted to respective CCL washeries.

7.5 Study of Environmental Problems of Aravali Hills & Preparation of Action Plan for Restoration of Environmental Quality- Udaipur & Chittorgarh districts

With a quest to solve the problems of environmental degradation and to promote sustainable development in the Aravali Hill range, Central Pollution Control Board assigned the work of study of environmental problems of Aravali Hills and to prepare the action plan for restoration of environmental quality in Udaipur & Chittorgarh districts of Rajasthan to CMPDI.

The baseline data generation/collection and interaction with various stake holders completed. The draft report has been prepared and submitted to CPCB. The final report is under preparation.

7.6 Environmental Master Plan of Alwar District

In order to promote sustainable development of Alwar district of Rajasthan which is covered under Aravali Notification, issued by Ministry of Environment & Forests, Government of India, Rajasthan State Pollution Control Board assigned the work for preparation of Environmental Master Plan of the district with the objective of study of natural resource base, study of existing environmental scenario, traditional practice of using the resources, stress on the system by industrial, mining, tourist activities etc. and preparing the Environmental Master Plan based on criteria of sustainability.

The final report has been submitted to Rajasthan Pollution Control Board.

6.7 EIA/EMP study for Tata Steel

- i) Preparation of EIA/EMP for Ghato OC Mine (7.0 Mty): The job comprised of preparation of EIA/EMP report and Mine Closure Plan. The EMP report has been submitted.
- ii) Preparation of EMP for washery of West Bokaro Division: The report has been submitted.

7.8 Sewage Treatment Schemes / Effluent Treatment Scheme

- i) The final report for Modification of STP at Khadia project, NCL has been submitted to NCL. Preparation of schemes for construction of STP at Singrauli Township and CETI (Central Excavation Training Institute) colony, NCL is under progress.
- ii) Scheme for re-use of Effluent water from mining operation to achieve zero discharge at CWS, Jayant, NCL is under preparation.
- iii) Draft Notice Inviting Tender document for construction of effluent Treatment Plant at Dankuni coal Complex submitted to DCC.

8.0 INFORMATION AND COMMUNICATION TECHNOLOGY:

Completed Projects:

- i) Land Information System for Ashoka, Tetariakhar, Tarmi, Rajrappa and Urimari projects of CCL.
- ii) Executive Information System for CIL.
- iii) Capacity building for Creation of an e-Information Centre on Coal and Lignite (CIL R&D Project).
- iv) Subsidence Prediction System.

Major on-going Projects:

- i) Up keeping of Integrated Information System for CCL.
- ii) Website creation and extension of Local Area Network for BCCL
- iii) Training on GIS for Land Information System (LIS) for CCL.
- iv) Design and development of Land Information System (LIS) for CCL database and application on the Oracle Platform.
- v) Upgradation of GIS enabled GeoMine database for CCL.
- vi) Numerical Modelling of Geological Structures.
- vii) Internet data centre for MCL

9.0 HUMAN RESOURCE DEVELOPMENT

Your company believes that the strength and quality of Human Resource is the backbone for dynamic and vibrant organisation. The company continued to nurture its professionals to manage the operation of the company and provide the leadership and techno-managerial inputs. Being knowledge-based company, efforts have been made to recognise individual's knowledge- strength and interweave them into a strong fabric. Human Resource Development programmes in CMPDI are coordinated either through its in-house Staff Training College or Reputed Training Institutes in the country including IICM.

During the year 2005-06, training was imparted to 889 employees through various programmes at different places. These programmes were conducted under five major categories namely (i) Managerial (ii) Technical (iii) General Development (iv) Computer / Information Technology and (v) others.

The special exposures were given to our employees in following areas:

- Environmental and forestry clearance
- Programme on remote sensing, GIS and GPS (at Dehradun)
- UNFC guidelines (at Jodhpur conducted by IBM)
- Mine closure plan (at Udaipur conducted by IBM)
- Arc GIS 9.0 and geo-data base
- Land Information system
- ISCST module of USEPA for ambient air quality modeling of OC mines
- Energy audit, with the help of NPC, Kolkata

In addition to above programmes, 10 (ten) executives were sent abroad for training/meeting/conference/study tour.

10.0 SPECIALISED SERVICES:

10.1 Geomatics

The services provided by CMPDI includes (i) remote sensing studies through aerial photos & satellite data for preparation of thematic maps, geostructural maps, siting of power stations, environmental baseline data generation, etc. (ii) terrestrial survey, mine survey, overburden and coal excavation survey, underground mine correlation survey.

10.1.1 Remote Sensing:

The jobs completed during the year 2005-06 are as follows:

- i) Land use/cover mapping of buffer zone of 10 km. radius based on satellite data for 15 coal mining projects of CIL (MCL – 9, NCL - 4 and ECL – 2) for preparation of environmental management plan (EMP).
- ii) Identification of potential site for coal based, pithead, thermal power station near Rajbari and Tubed blocks in Auranga Coalfield for Essar Power Ltd.
- iii) Geostructural mapping of western part of Talcher coalfield and North-Eastern part of Ib Valley coalfield based on satellite data for locating the potential coal bearing area for coal exploration under promotional exploration programme of Ministry of Coal.
- iv) Thematic mapping of West Bokaro coalfield based on satellite data of the year 2000 and 2005 for creating the database for land environment for CCL.
- v) Vegetation cover mapping of Singrauli coalfield based on satellite data of the year 2000 and 2005 for NCL.
- vi) Large scale land use/cover map based on high resolution satellite data for lease hold area of 10 coal mining projects of Wardha valley coalfields for compliance of the MoEF condition imposed on EMP.

10.1.2 Survey and Drawing

The following Survey works were completed during the year:

- i) OBR check measurement was carried out on periodic basis for 40 OC mines (2 in ECL, 4 in BCCL, 6 in WCL, 10 in SECL, 8 in NCL and 10 in MCL).
- ii) Outsourcing patch surveys were conducted for 36 OC patches (17 in ECL, 7 in BCCL, 3 in CCL and 9 in SECL).
- iii) Correlation Survey in 3 UG mines of BCCL.
- iv) Scale Conversion of 15 nos. mine plans (FPS to MKS).
- v) Topographical survey of proposed site for Kargali washery

10.2 Blasting

CMPDI has been rendering specialised technical services to CIL subsidiaries and other companies for solution of blasting related problems, testing of explosives and explosive accessories, performance evaluation of new products etc. Following services were rendered to different subsidiaries of CIL & outside agencies during 2005-2006:

- i) A total 7 nos. of controlled blasting and vibration studies were carried out for different mines of BCCL, CCL & MCL for relaxation of danger zone from 300m to 100m with respect to buildings/structures and inhabited localities.

- ii) Fragmentation improvement study was carried out in one mine of BCCL.
- iii) Random sampling, testing and analysis of explosives and explosive accessories were carried out in the mines/magazines of BCCL, CCL & MCL for assessment of quality of explosives supplied.
- iv) Techno-economic feasibility evaluation of one explosive product (Ikon Digital Energiser) was carried out at Dahibari OCP, BCCL.
- v) Technical evaluation of two shock tubes manufactured by M/s Indian Explosives Ltd. was carried out.
- vi) A Coal S&T Project titled "Characterisation of rock and explosive parameters for optimal explosive energy utilisation in opencast blasting" is being executed by CMPDI since May 2005 in association with CMRI, Dhanbad. The total cost of the project is Rs.270.37 lakhs, with project duration of three years.

10.3 Mining Electronics

CMPDI render services to subsidiary companies of CIL in preparing Feasibility Reports, Detailed Design Reports, Tender Documents for establishing communication network at various subsidiaries of CIL. It renders valuable services to subsidiary companies in repairing and calibration of gas detectors used in underground mines for safety purpose, as well as in repairing of Imported/Indigenous HEMM cards. The following jobs were completed during the year:

10.3.1 Preparation of Reports/Schemes/NIT

- i) Scheme for Gigabit LAN for ECL(HQ)
- ii) Scheme for Ash analyser at Bina, NCL
- iii) PLC control for Nandan Washery, WCL
- iv) NIT for Environmental Monitoring System (EMS) for Chinakuri-I & Narsamunda Mines of ECL
- v) NIT for integrated communication network for ECL

10.3.2 Repairing/Calibration/Testing of electronic cards/Gas Monitors

Repair and calibration of 160 nos. methanometers and repair and testing of 177 HEMM cards were carried out.

10.4 Non-Destructive Testing (NDT)

NDT of 9 nos. of mine winder components, 13 nos. of cage suspension gears, 7 nos. of draglines, 4 nos. of shovels, 18 nos. of CHP bunkers & structures, 2 nos. of powered supports and vital components of 1 no. of emergency cage were carried out during the year.

10.5 Management System Consultancy

CMPDI diversified into management system consultancy in 1998. While continuing to provide consultancy for ISO 9001 Quality Management System (QMS) and ISO 14001 Environmental Management System (EMS), CMPDI has also started providing consultancy in OHSAS 18001 Occupational Health and Safety Assurance Series and is geared up for the consultancy for Six Sigma application and industry specific translations of ISO 9001 e.g. ISO 17025, ISO 16949, etc. The scope of such consultancy services provided includes:

- (i) Creation of management systems

- (ii) Providing training support
- (iii) Initial implementation and certification support, and
- (iv) Post certification support/assessments, etc.

10.5.1 Management System Consultancy for CIL and its Subsidiary Companies:

CMPDI is presently providing management system consultancy to 84 establishments in CIL having a total job value of about 3.32 Crores. These include all the major opencast coal-mining projects of CIL in addition to NCL as a whole company including all its mines, support establishments, and corporate functions.

10.5.2 Job completed during 2005-06:

Management system consultancy worth about Rs 80 lakhs was completed during the year which resulted into ISO 9001 certifications of 9 establishments (2 OCPs, 3 HEMM Workshops and 4 headquarter departments) and ISO 14001 certifications of 4 OCPs namely Gevra, Dipka & Kusmunda in SECL and Padmapur in WCL. Apart from these, post certification support was also provided to Central Workshop, Tadali of WCL and central workshop Talcher of MCL during the year.

11 OUTSIDE – CIL CONSULTANCY:

During the year 2005-06, 22 consultancy jobs were completed for 16 organisations outside CIL (Annexure-II). Some of the major clients/organisations for whom jobs were completed are National Thermal Power Corporation Ltd., Uranium Corporation of India Ltd., Jharkhand State Mineral Development Corporation, Essar Power Ltd., Tata Steel Ltd., Singareni Collieries Company Ltd., Rajasthan State Pollution Control Board, Wardell Armstrong (UK), Directorate General of Hydrocarbons, Govt. of Jharkhand (Water Resource Division), etc.

Presently, 16 outside consultancy jobs are in hand for 13 organisations like Central Pollution Control Board (Ministry of Environment and Forest), Tata Steel Ltd., National Thermal Power Corporation Ltd., Indian School of Mines, Singareni Collieries Company Ltd., Chhattisgarh Mineral Development Corporation Ltd., Chhattisgarh State Electricity Board, National Aluminium Company Ltd., Haryana Power Generation Corporation Ltd., Orissa Mining Corporation, etc.

During the year 2005-06, 16 jobs worth Rs. 403.74 lakhs from 14 organisations were procured by CMPDI.

12.0 MANPOWER AND WELFARE ACTIVITIES

12.1 MANPOWER

Particulars		As on March 31, 2005	As on March 31, 2006
Executive		830	807
Non executive			
	Monthly Rated	1461	1431
	Daily Rated	999	996
		2460	2427
Grand Total		3290	3234

12.2 WELFARE ACTIVITIES

- i) Efforts made to finalise the terminal benefits i.e. gratuity, leave encashment, final settlement of CMF under CMPS'98 in respect of employees who have their exit during 2005-06 and were entitled for the same. Most of the cases have been finalised and payment made.
- ii) The Company also conducted Annual Sports and steps were taken to encourage the sports personnel to take part in inter-company sports activities. Some of the players also took part in Inter District Sports Activities during the year.
- iii) Efforts were made to maintain harmonious industrial relation and for this various meetings of operating unions as well as Joint Consultative Committee meetings were organised.

13.0 RAJBHASHA

Your company continued to implement the statutory provisions of the Official Language Act, Official Language Rules and the directives of the Ministry of Home Affairs (Official Language), Ministry of Coal and Coal India Limited and made multi dimensional efforts to enhance the progressive use of Official Language Hindi in daily official routine work during the period under review.

Besides, documents under Section 3(3) of the Official Language Act, the minutes of the different meetings held at the level of CMD/Director, the Monthly and Annual Reports of your company also continued to be prepared bilingually. The publication of "Desh Kaal Sampada", a renowned & National Level House Magazine of your company also continued to enhance the creative writing in Hindi, which fetched laurel all over.

The month of September was organised as Hindi Month as per the directive of Ministry of Coal. In order to propagate and make Hindi popular among the employees of the company several Hindi competitions were organised. A large number of employees participated in all competitions held during the month and the winners were awarded suitably.

Five Hindi workshops were also organised under the aegis of Staff Training College (Human Resource Development) to facilitate the use of Official Language Hindi in day-to-day official work. A special Hindi Workshop was also organised specially for the executives of higher level to make them aware of all the provisions of the Official Language Act and the recommendations & directives of the High powered Committee like the committee of Parliament on Official Language and Hindi Advisory Committee of Ministry of Coal issued from time to time. All the Hindi workshops were very much effective in removing hesitation of the employees in the field of progressive use of Hindi in daily routine work. Four quarterly meetings of Official Language Implementation Committee were also held under the Chairmanship of CMD to review quarterly progress of Official Language in different departments of your company as per the directive and annual programme issued by the Ministry of Home Affairs, Department of Official Language.

14.0 DIRECTOR'S RESPONSIBILITY STATEMENT:

- 14.1** In the preparation of the annual accounts, the applicable accounting standard had been followed along with proper explanation relating to material departures.

14.2 The directors had selected such accounting policies and applied them consistently and made judgments and estimates that are reasonable and prudent so as to give a true and fair view of the state of affairs of the company at the end of the financial year and of the profit or loss of the company for that period.

14.3 The directors had taken proper and sufficient care for the maintenance of adequate accounting records in accordance with the provisions of this Act for safeguarding the assets of the company and for preventing and detecting fraud and other irregularities.

14.4 The directors had prepared the annual accounts on a going concern basis.

AUDITORS:

On the advice of the comptroller and Auditor General of India M/s U. Narain & Co., Chartered Accountants, Ranchi were appointed as Auditors of the Company for the financial year 2005-06. They were also appointed Tax-Auditors for the year U/S 44 (AB) of the Income-Tax Act, 1961.

ACKNOWLEDGEMENT:

Your Directors are grateful to the Government of India particularly the Ministry of Coal, Coal India Ltd., and its Subsidiaries, State Governments and other Public Sector Undertakings with whom your Company has to work in close contact for their co-operation and encouragement in fulfilling the tasks of the Company. We are thankful to our esteemed clients, Uranium Corporation of India Ltd., National Thermal Power Corporation Ltd., Jharkhand State Mineral Development Corporation, Essar Power, Singareni Collieries Company Ltd., Wardell Armstrong (UK), Directorate General of Hydrocarbons, Govt. of Jharkhand (Water Resource Division), Central Pollution Control Board (Ministry of Environment and Forest), Tata Steel Ltd., Indian School of Mines, Chhattisgarh Mineral Development Corporation Ltd., Chhattisgarh State Electricity Board, National Aluminum Company Ltd., Haryana Power Generation Corporation Ltd., Orissa Mining Corporation, etc. for the confidence reposed in us and the patronage extended to us.

ADDENDUM:

Particulars of employees required under Section 217(2A) of the Companies Act, 1956 (Nil Report) and Comments of the comptroller & Auditor General of India under section 619 (4) of the Companies Act, 1956 are attached.

For and on behalf of the Board of Directors

Ranchi
Date : 18.08.2006

(S. Chaudhuri)
Chairman-cum-Managing Director

LIST OF COMPLETED REPORTS

REGIONAL INSTITUTE / HQ	NAME OF THE REPORTS
GEOLOGICAL REPORTS	
RI-I	1. CHATABAR 2. SONEPUR BAZARI SEC-I
RI-III	1. PADARANGI (NON-CIL) 2. DUMRI (NON-CIL) 3. TUBED (NON-CIL)
RI-IV	1. PATRAPADA (NON-CIL) 2. SAONER PH.-II EXTN. 3. BORDA
RI-V	1. NAKIYA 2. PELMA (NON-CIL)
RI-VI	1. UTKAL - E (NON-CIL)
RI-VII	1. ARKHAPAL 2. SAKHIGOPAL 'A' 3. RADHIKAPUR EAST (INCLUDING UTKAL-F) (NON-CIL)
PROJECT REPORTS	
RI-I	1. KUMARDIH 'B' UG 2. SIDULI COLLIERY 3. PR FOR INTRODUCTION OF CONTINUOUS MINER AT JHANJRA UG (RCE)
RI-II	1. YAMUNA OCP 2. PROJECT REPORT FOR INTRODUCTION OF CONTINUOUS MINER FOR EXPLOITATION OF IV B SEAM AT DHANSAR COLLIERY
RI-IV	1. JUNAD EXTN. OC 2. KOLARPIMPRI EXTN. OC 3. DHANKASA UG (RECAST) 4. GOKUL/NAND-II OC 5. CHINCHALA OC 6. CHIKALGAON OC
RI-V	1. AMBIKA OC 2. BIJARI OC 3. MAYAPUR (BOJHA) UG 4. AMRIT DHARA UG 5. AMBA UG
RI-VII	1. SAMALESWARI OC EXPN. (5 MTY) 2. JAGANNATH OC EXPN. (6 MTY) 3. BHUBANESWARI OCP (20 MTY) 4. KANIAH EXPN. OCP (10 MTY) 5. KANIHA-II OCP (10 MTY) 6. HINGULA-II EXPN. OCP (8 MTY) 7. BHARATPUR OC EXPN. (20 MTY) 8. LAKHANPUR EXPN. OCP (15 MTY) 9. BELPAHAR OC EXPN. (4.5 MTY) 10. LINGRAJ EXPN. OCP (13 MTY) 11. ANANTA SILO LOADING ARRANGEMENT
HQ	1. FR FOR LEDO OCP OF NEC 2. FR FOR TIKAK EXTENSION OCP OF NEC 3. FR FOR FINE COAL BENEFICIATION BY INSTALLING SPIRAL CONCENTRATOR AT NANDAN WASHERY, WCL 4. TEFR FOR SETTING UP OF COKING COAL WASHERY AT DHORI AREA, CCL

REVISED PROJECT REPORTS

RI-V 1. CONTINUOUS MINER APPLICATION FOR CHURCHA UG

SPECIAL REPORTS

RI-II 1. SCHEME FOR DEALING WITH FIRE AT EAST KATRAS COLLIERY (SEAM XI, XII & XIV)
 2. REVISED SCHEME FOR CONTROL OF FIRE AND SUBSIDENCE FOR PROTECTION OF DHANBAD-PATHERDIH RAILWAY LINE AT LODNA-BAGDIGI COLLIERIES (RCFS-01)
 3. STABILISATION SCHEME OF UNSTABLE AND CONTROLLBLE SITES (3 NOS.) AT MAHESHPUR COLLIERY
 4. SCHEME FOR DEALING WITH FIRE BY EXCAVATION METHOD AT SHATABDI OCP, BCCL

RI-III 1. MECHANISED DEPILLARING OF CHURI UG
 2. SCHEME FOR INCREMENTAL PRODUCTION (0.45 MTY) IN CHURI BY CONTINUOUS MINER TECHNOLOGY

RI-IV 1. MASTER PLAN FOR PENCH-KANHAN COALFIELD

RI-VI 1. AAP FOR MOHER OCP (10 MTY)

HQ 1. DELINEATION OF CBM BLOCK AND PREPARATION OF DATA PACKAGE FOR RAJMAHAL COALFIELD
 2. DELINEATION OF CBM BLOCK AND PREPARATION OF DATA PACKAGE FOR BIRBHUM COALFIELD
 3. DELINEATION OF CBM BLOCK AND PREPARATION OF DATA PACKAGE FOR SINGRAULI COALFIELD
 4. DELINEATION OF CBM BLOCK AND PREPARATION OF DATA PACKAGE FOR MAND-RAIGARH COALFIELD
 5. DELINEATION OF CBM BLOCK AND PREPARATION OF DATA PACKAGE FOR TATAPANI RAMKOLA COALFIELD
 6. DELINEATION OF CBM BLOCK AND PREPARATION OF DATA PACKAGE FOR SOHAGPUR COALFIELD
 7. DELINEATION OF CBM BLOCK AND PREPARATION OF DATA PACKAGE FOR GODAVARI VALLEY COALFIELD

OPERATION PLANS

RI-I 1. BONJEMEHARI OC (2005-06)
 2. RAJMAHAL OCP (2005-06)
 3. CHITRA OC (2005-06)
 4. SONEPUR BAZARI OC (2005-06)

RI-IV 1. UMRER OC
 2. SASTI OC

RI-VI 1. BINA OCM (2005-06)
 2. JAYANT OCM (2005-06)
 3. DUDHICHUA OCM (2005-06)
 4. AMLOHRI OCM (2005-06)
 5. KHADIA OCM (2005-06)
 6. NIGAHI OCM (2005-06)

OTHER REPORTS

RI-I 1. MINING PLAN FOR SONEPUR BAZARI EXP. OC
 2. BLASTING & VIBRATION STUDY AT SHAMPUR 'A' OC
 3. GAS SURVEY OF KUMARDIHI A COLLIERY
 4. BLASTING & VIBRATION STUDY AT SANGRAMGARH & CHORA OC
 5. SCHEME FOR ENHANCEMENT OF PRODUCTION OF KOTTADIH OCP
 6. BLASTING & VIBRATION STUDY AT SHAMPUR 'B' UG
 7. ENERGY AUDIT REPORT OF SOUTH SAMLA MINE
 8. ENERGY AUDIT REPORT OF LOWER KENDA MINE
 9. ENERGY AUDIT REPORT OF KHANDRA MINE
 10. BOREHOLE GAS SURVEY IN BP SEAM OF KUMARDHUBI COLLIERY
 11. ENERGY AUDIT REPORT OF KUNUSTORIA MINE
 12. ENERGY AUDIT REPORT OF CENTRAL KAJORA MINE

RI-II	1. SCHEME FOR IMPROVEMENT OF PRODUCTION AT TETULMARI OCP WITH LEASED EQUIPMENT FOR OB EXCAVATION & TRANSPORT 2. APPLICATION OF HIGHWALL TECHNOLOGY AT 7 NO. SITES AT BCCL 3. IDENTIFICATION OF AVAILABLE PIT WATER FROM EXISTING/ABANDONED MINES OF BCCL
RI-III	1. ENERGY AUDIT REPORT (ELECTRICAL) FOR PAREJ OCP 2. SCHEME FOR RAIN WATER HARVESTING, KARGALI WASHERY 3. SCHEME FOR RAIN WATER HARVESTING, AMLO & TARMI OCP 4. SCHEME FOR PROTECTION OF KAJRI NALA & BOKARO RIVER FROM POLLUTION DUE TO TAPIN NORTH OCP 5. ENERGY AUDIT REPORT (DIESEL) FOR PAREJ OCP 6. RERATING OF LAIYO UG MINES 7. SLOPE STABILITY STUDY OF SONEPUR BAZARI OCP 8. REPORT ON POSSIBILITIES OF DEPLOYMENT OF CONTINUOUS MINERS IN SAYAL 'D' & CENTRAL SOUNDA PROJECTS 9. TECHNO-ECONOMIC ANALYSIS REPORT OF KUJU PROJECT 10. SLOPE STABILITY STUDY OF KOLEGAON OCP 11. STUDY REPORT ON POSSIBILITIES OF UG MECHANISATION OF CCL MINES 12. RAIN WATER HARVESTING SCHEME OF MAGADH & AMRAPALI OCP 13. STUDY REPORT FOR APPLICATION OF HIGHWALL MINER AT KATHARA OC 14. RAIN WATER HARVESTING SCHEME OF KATHARA WASHERY
RI-IV	1. CONTROLLED BLASTING STUDIES AT MUNGOLI OC 2. REPORT ON MAN-RIDING SYSTEM IN SAONER MINE-I & TAWA MINE 3. REPORT ON CONVERSION OF SASTI UG TO OC AND OPENING OF NEW INCLINE FOR DEEPER PROPERTY FROM DHUPTALA OC SIDE 4. TECHNO-ECONOMIC FEASIBILITY REPORT FOR ONE ADDITIONAL INCLINE(NO.3) AT MAHAKALI OLLIERY 5. TECHNO-ECONOMICS STUDY BY DEPARTMENTAL HEMM IN KOLGAON OC MINE 6. SCHEME FOR INTRODUCTION OF CONTINUOUS MINER TECHNOLOGY IN MAORI UG
RI-V	1. CONTROLLED BLASTING STUDY AT BARTARAI UG 2. MINING PLAN FOR POST-FACTO APPROVAL OF 8 PROJECTS FOR REVISED EMP CLEARANCE, SECL 3. CONTROLLED BLASTING STUDY AT SHARDA OCM 4. REPORT ON METHOD OF WORK AT R6 MINE OF NCPH (OLD) MINE, CHIRIMIRI 5. CONCEPTUAL REPORT ON BOJHA UG 6. REPORT ON BLAST DESIGN AND PATTERN FOR IMPROVEMENT IN FRAGMENTATION AND POWDER FACTOR OF DUGGA OC 7. REPORT ON BLAST DESIGN AND PATTERN FOR CONTROLLED TRIAL BLASTING AT RAJNAGAR OC 8. REPORT ON IMPACT OF BLAST INDUCED GROUND VIBRATION AT SURFACE DUE TO UG BLASTING AT JOHILLA TOP & BOTTOM SEAM OF BIRISINGPUR COLLIERY 9. SCHEME FOR JHIRIA UG MINE 10. REPORT ON CONTROLLED BLASTING STUDY AT NCPH OLD MINE, CHIRIMIRI AREA 11. SCHEME FOR HARAD OC PATCH 12. CONTROLLED BLASTING STUDY AT BAROUD OCM 13. CONTROLLED BLASTING STUDY & ANALYSIS OF FLY ROCK AT KUSMUNDA OC 14. CONTROLLED BLASTING AT GAYATRI UG
RI-VI	1. MINING PLAN FOR ENHANCEMENT OF COAL PRODUCTION OF DUDHICHUA OCP 2. SCHEME FOR TRUCK LOADING ARRANGEMENT AT KHADIA CHP 3. SCHEME FOR TRUCK LOADING ARRANGEMENT AT JHINGURDAH CHP 4. MINING PLAN FOR ENHANCEMENT OF COAL PRODUCTION OF JAYANT OCM 5. SCHEME FOR DESPATCH OF MECHANICALLY CRUSHED COAL FROM BINA THROUGH KAKRI WHARFWALL 6. MINING PLAN FOR ENHANCEMENT OF COAL PRODUCTION OF KAKRI OCM 7. REQUIREMENT OF FLOATS FOR HEMM (ALL TYPE OF DRILLS) 8. SCHEME FOR AUTO SAMPLING AT KHADIA CHP

RI-VII	1. TECHNO-ECONOMIC STUDY FOR DUMPING OF OB ON NON-COAL BEARING AREA FOR BHUBANESWARI OCP
	2. MINING PLAN OF LINGRAJ OC EXPN. (13 MTY)
HQ	1. ASSESSMENT OF CAPACITY IN OPENCAST MINES OF CIL - PROJECTIONS AS ON 1.4.2005
	2. VENTILATION SYSTEM DESIGN OF TANDSI UG MINE, KANHAN AREA, WCL
	3. PLANNING & DESIGN OF SAND STOWING ARRANGEMENT IN POOTKEE BALIHARI PROJECT, PB AREA, BCCL
	4. LAND USE / COVER MAPPING OF BUFFER ZONE OF NATRAJ UG AND KANIHA II OCP OF TALCHER COALFIELD, MCL
	5. REPORT ON SEWAGE TREATMENT PLANT, KHADIA
	6. REPORT ON RMR AND SUPPORT LAYOUT OF TWO DISTRICTS OF TALCHER SEAM-I (TOP), TALCHER COLLIERY, MCL
	7. WASHING POSSIBILITY STUDY OF KAMPTEE OC COAL
	8. MINE CAPACITY ASSESSMENT OF UG MINES (2005-06) OF CIL
	9. REPORT ON RMR AND ROCK LOAD OF TIRAT COLLIERY (R-IX SEAM) AND LAKHIMATA COLLIERY (METADIH SEAM), ECL
	10. SUBSIDENCE PREDICTION REPORT FOR BAKULMUNI UG PROJECT, SECL
	11. PLANNING & DESIGN OF SAND STOWING ARRANGEMENT IN SOUTH BALIHARI MINE, PB AREA, BCCL
	12. ESTIMATION OF NORMATIVE COST OF SAND TRANSPORTED BY D&F ROADWAYS, BCCL
	13. GAS SURVEY OF BHATDEE MINE, BCCL
	14. REPORT ON RMR & ROCK LOAD STUDIES OF ALKUSA COLLIERY (VII SEAM), GONDUDIH COLLIERY (II SEAM-BOT. SEC.), EAST BASURIA COLLIERY (II SEAM-BOT. SEC.) & 5/7 PITS SOUTH BALIHARI COLLIERY (XII SEAM), BCCL
	15. QUALITY UPGRADATION OF REJECTS OF PIPARWAR WASHERY
	16. LAND USE / COVER MAPPING OF BUFFER ZONE OF NIGAHI OCP EXPN. AND MOHER OCP OF SINGRAULI COALFIELD, NCL
	17. LAND USE / COVER MAPPING OF BUFFER ZONE OF UTKAL OCP OF TALCHER COALFIELD, MCL
	18. CONTROLLED BLASTING & VIBRATION STUDY AT KALINGA OCP, MCL
	19. LAND USE / COVER MAPPING OF BUFFER ZONE OF JAYANT OCP EXPN. AND DUDHICUA OCP EXPN. OF SINGRAULI COALFIELD, NCL
	20. LAND USE / COVER MAPPING OF BUFFER ZONE OF SONEPUR-BAZARI OCP E, RANIGANJ COALFIELD, ECL
	21. REPORT ON RMR & ROCK LOAD STUDIES OF LODNA COLLIERY (VII SEAM), BARARI COLLIERY (VI T SEAM) & DAMODA COLLIERY (IX SEAM), BCCL
	22. REPORT ON TESTING & WASHABILITY INVESTIGATION OF COALS FROM ANANTA & JAGANNATH OCP FOR SPONGE IRON PRODUCTION, MCL
	23. REPORT ON TESTING OF COAL SLURRY OF NANDAN WASHERY FOR PROPOSED CAPTIVE POWER PLANT (10 MW CAPACITY), WCL
	24. CONTROLLED BLASTING & VIBRATION STUDY AT GIDI 'C' OCP, CCL
	25. LAND USE / COVER MAPPING OF BUFFER ZONE OF NAKRAKONDA OCP, RANIGANJ COALFIELD, ECL
	26. PERFORMANCE ANALYSIS REPORT OF PSLW, SDL AND LHD FACES OF ECL MINES
	27. PERFORMANCE ANALYSIS REPORT OF SDL AND LHD FACES OF CCL MINES
	28. PERFORMANCE ANALYSIS REPORT OF PSLW, SDL AND LHD FACES OF SECL MINES
	29. PERFORMANCE ANALYSIS REPORT OF PSLW, SDL AND LHD FACES OF MCL MINES
	30. REPORT ON RMR & ROCK LOAD OF KANKANEE COLLIERY (X A SEAM) & KATRAS CHOITUDIH COLLIERY (VIII B SEAM), BCCL
	31. REPORT ON IDENTIFICATION & CHARACTERISATION OF COAL SOURCES FROM SECL FOR SPONGE IRON PRODUCTION
	32. SCHEME FOR RENOVATION OF KOMAG JIGS OF NANDAN WASHERY, WCL
	33. REPORT ON IDENTIFICATION & CHARACTERISATION OF COAL SOURCES FROM NCL FOR SPONGE IRON PRODUCTION
	34. CAPITAL REBUILDING / REVIVAL SCHEME OF DANKUNI COAL COMPLEX
	35. VENTILATION SURVEY OF AMLABAD MINE, BCCL
	36. GAS SURVEY REPORT FOR ORIENT-3 MINE, MCL

37. VENTILATION SURVEY OF NCPH R-6 UNIT, CHIRIMIRI AREA, SECL
38. SUBSIDENCE PREDICTION REPORT FOR SATPURA UG MINE NO.2, WCL
39. REPORT ON RMR & ROCK LOAD OF KUMARDIHI 'A' COLLIERY (R-VII SEAM), JK NAGAR (R) MINES (R-V SEAM) & MANDMAN COLLIERY (METADIH SEAM) OF ECL & ANGARPATHRA COLLIERY (IV SEAM BOTT) AND EAST KATRAS COLLIERY (VI SEAM) OF BCCL
40. NECESSARY GUIDELINES & SCHEME FOR SUPPORTING SHAFT WALL OF PIT NO.4, NIMCHA COLLIERY, ECL
41. GAS SURVEY REPORT FOR RAJNAGAR R.O. MINE, SECL
42. SUBSIDENCE PREDICTION REPORT FOR AMBA UG PROJECT, SECL
43. REPORT ON RMR & ROCK LOAD OF CHURI COLLIERY (LOWER BACHRA SEAM), CCL; JOGIDIH COLLIERY (II/I SEAM) & RAMKANALI COLLIERY (IV SEAM BOTT. SEC. & V SEAM TOP SEC.) OF BCCL
44. LAND USE / COVER MAPPING FOR CORE AND BUFFER ZONE OF LAKHANPUR OCP EXPN., MCL
45. LAND USE / COVER MAPPING FOR CORE AND BUFFER ZONE OF HINGIR RAMPUR COLLIERY, MCL
46. STANDARD PRICE LIST FOR MINING EQUIPMENT
47. CONTROLLED BLASTING & VIBRATION STUDY AT JEENAGORA OCP, BCCL
48. CONTROLLED BLASTING & VIBRATION STUDY AT KUYA COLLIERY, BCCL
49. ASSESSMENT OF CAPACITY & CAPACITY UTILISATION FOR OPENCAST MINES OF CIL DURING 2004-05
50. PERFORMANCE ANALYSIS REPORT OF HEMM OPERATING IN OPENCAST MINES OF CIL (2004-05)
51. REPORT ON SPECIFIC CONSUMPTION OF EXPLOSIVES, DIESEL & ELECTRIC POWER IN OPENCAST MINES OF CIL DURING 2004-05
52. REORGANISATION OF VENTILATION SYSTEM OF RAJGAMAR 6 & 7 MINE, SECL
53. REPORT ON RMR AND SUPPORT LAYOUT OF THREE SEAMS/DISTRICTS OF MINE NO.3, ORIENT COLLIERY, MCL
54. CONTROLLED BLASTING & VIBRATION STUDY AT TOPA COLLIERY, CCL
55. ELECTRICAL ENERGY AUDIT REPORT FOR NSC, CWS & IWSS OF NCL
56. GAS SURVEY REPORT FOR TANDSI MINE, WCL
57. REPORT ON RMR AND SUPPORT LAYOUT FOR KEDLA UG MINE (VA SEAM) & CENTRAL SAUNDA COLLIERY (BANSGARHA 'C' SEAM), CCL
58. SUBSIDENCE PREDICTION REPORT FOR TANDSI UG MINE, WCL
59. LAND USE / COVER MAPPING FOR CORE AND BUFFER ZONE OF HIRAKHAND BUNDIA MINE, MCL
60. SCHEME FOR SAND STOWING ARRANGEMENT FOR DEPILLARING OF DISHARGARH SEAM AT SATGRAM PROJECT, ECL
61. REPORT ON RMR AND ROCK LOAD FOR CHORA BLOCK INCLINE, BONBAHAL BOTTOM SEAM (R-VII A), KENDA AREA, ECL
62. SUBSIDENCE PREDICTION REPORT FOR SARANI UG MINE, WCL
63. LAND USE / COVER MAPPING FOR CORE AND BUFFER ZONE OF ORIENT MINE NO.1 & 2, MCL
64. BENCHMARKING OF DIESEL & ELECTRICAL CONSUMPTION AND FIXATION OF DIESEL & ELECTRIC CONSUMPTION NORMS OF BINA, KAKRI & JAYANT MINES OF NCL
65. GEOSTRUCTURAL MAPPING OF NORTH WESTERN PART OF IB VALLEY COALFIELD & TALCHER COALFIELD
66. LAND USE/ COVER MAPPING OF WEST BOKARO COALFIELD BASED ON SATELLITE DATA OF THE YEAR 1999 & 2004
67. VEGETATION COVER MAPPING OF SINGRAULI COALFIELD BASED ON SATELLITE DATA OF THE YEAR 2000 & 2005
68. LAND USE / COVER MAPPING FOR CORE AND BUFFER ZONE OF ORIENT MINE NO.3 & 4, MCL
69. ELECTRICAL ENERGY AUDIT REPORT FOR JAYANT OCP
70. ELECTRICAL ENERGY AUDIT REPORT FOR 12 MINES OF SODEPUR AREA
71. BENCHMARKING OF DIESEL CONSUMPTION AND FIXATION OF DIESEL CONSUMPTION NORMS OF GEVRA MINE OF SECL
72. BENCHMARKING OF DIESEL CONSUMPTION AND FIXATION OF DIESEL CONSUMPTION NORMS OF DUDHICHUA MINE OF NCL
73. BENCHMARKING OF ELECTRICAL CONSUMPTION NORM IN GOVINDPUR UG MINE, CCL

74. VENTILATION NETWORK ANALYSIS OF MOONIDIH MINE
75. SUBSIDENCE PREDICTION REPORT FOR AMRITDHARA UG PROJECT, SECL
76. REPORT ON RMR & ROCK LOAD OF BANKOLA COLLIERY, ECL & EAST BHAGATDIH, KATRAS CHOITUDIH, SENDRA BANSJORA & TETULMARI COLLIERIES OF BCCL
77. ASSESSMENT OF CAPACITY IN CPENCAST MINES OF CIL - PROJECTIONS AS ON 1.4.2006
78. REPORT ON REVIVAL OF GIRIDIH COKE PLANT, CCL

ENVIRONMENT MANAGEMENT PLAN (EMP)

RI-III	1. TOPA REORGN. OCP 2. KONAR OCP 3. NORTH URIMARI OCP
RI-IV	1. NAVINKUNADA EXPN. OC (PRE-PUBLIC HEARING) 2. NANDAN UG (FOR INCREMENTAL PRODUCTION) 3. MOHAN UG (FOR INCREMENTAL PRODUCTION) 4. SOBHAPUR UG (FOR INCREMENTAL PRODUCTION) 5. NAVINKUNADA EXPN. OC (POST-PUBLIC HEARING) 6. GONDEGAON EXTN. OC (POST-PUBLIC HEARING) 7. DHORWASA OC (FOR ENHANCED PRODUCTION) 8. TAWA-II UG (RECAST) (POST-PUBLIC HEARING) 9. INDER UG TO OC (POST-PUBLIC HEARING) 10. KAMPTEE UG TO OC (FOR INCREMENTAL PRODUCTION) 11. YEKONA-I OC (POST-PUBLIC HEARING)
RI-V	1. KETKI UG 2. AMGAON OC 3. BINKARA UG 4. VIJAY WEST UG
RI-VI	1. NIGAHI EXPN. OCP (15 MTY) 2. JAYANT OCM (FOR ENCREMENTAL PRODUCTION) 3. DUDHICHUA OCM (FOR ENCREMENTAL PRODUCTION)
RI-VII	1. NATRAJ UG (0.64 MTY) 2. ANANTA OC EXPN. (12 MTY) (FOR ENCREMENTAL PRODUCTION) 3. HINGULA-II OC EXPN. (8 MTY) (FOR ENCREMENTAL PRODUCTION) 4. BHARATPUR OC EXPN. (20 MTY) (FOR ENCREMENTAL PRODUCTION) 5. KANIAH OCP EXPN. (10 MTY) 6. HINGULA-II OC EXPN. (12 MTY) (TWP-EMP) 7. LAKHANPUR EXPN. (15 MTY) (TWP-EMP)
HQ	1. CHUPERBHITA OC, ECL 2. JHILIMILI UG, SECL (FOR INCREMENTAL PRODUCTION) 3. BEHERABAND UG, SECL (FOR INCREMENTAL PRODUCTION) 4. PANDAVPARA UG, SECL (FOR INCREMENTAL PRODUCTION) 5. JAGANNATH UG, MCL 6. TALCHER WEST UG, MCL 7. KALYANI UG, SECL (FOR INCREMENTAL PRODUCTION) 8. MAKARDHOKRA-I OCP, WCL 9. DURGAPUR EXPN. DEEP OCP, WCL

EMP FOR POST FACTO ENVIRONMENTAL CLEARANCE FOR INCREMENTAL PRODUCTION

RI-I	1. SONEPUR BAZARI A EXPN. OC
RI-III	1. PIPARWAR OCP (EXPANSION)
RI-IV	1. JUNAD OC
RI-V	1. 16 PROJECTS OF SECL
RI-VII	1. JAGANNATH OC EXPN. (6 MTY) 2. BELPAHAR OC EXPN. (4.5 MTY) 3. LINGRAJ OC EXPN. (13 MTY) 4. BHARATPUR OC EXPN. (15 MTY) 5. SAMLESWARI OC EXPN. (5 MTY)
HQ	1. WEST JKD UG, SECL 2. CHAAL UG, SECL 3. KATKONA UG, SECL

LIST OF OUTSIDE – CIL CONSULTING JOBS COMPLETED DURING 2005-06

1. FEASIBILITY REPORT FOR SATTUPALLI OCP-II FOR M/S SINGARENI COLLIERIES COMPANY LIMITED
2. PREPARATION OF REHABILITATION PLAN OF MATASUKH & KASNAU PROJECTS OF RSML FOR M/S RAJASTHAN STATE MINES & MINERALS LIMITED
3. TRIAL PERFORMANCE EVALUATION OF NEW EXPLOSIVES POWERTEL -1 (P1) FOR M/S TAMIL NADU INDUSTRIAL EXPLOSIVE LIMITED
4. NON-DESTRUCTIVE TESTING (NDT) OF VARIOUS COMPONENTS OF TWO 220 KW DOUBLE DRUM WINDERS TO BE INSTALLED AT BAGJATA MINES FOR M/S URANIUM CORPORATION OF INDIA LIMITED
5. STUDY OF OPTIMUM LOCATION OF COAL BASED THERMAL POWER PROJECTS FOR PROPOSED STEEL PLANT(S) SITE FOR M/S ESSAR POWER LIMITED
6. ESTIMATION OF NORMATIVE COST OF SAND STOWED/TRANSPORTED FOR GDK-10 INCLINE FOR M/S SINGARENI COLLIERIES COMPANY LIMITED
7. ESTIMATION OF NORMATIVE COST OF SAND STOWED/TRANSPORTED FOR SIX NEW MINES FOR M/S SINGARENI COLLIERIES COMPANY LIMITED
8. CORE DRILLING AND PERMEABILITY TEST ON SPILLWAY AXIS OF GARHI DAM, JHARKHAND FOR GOVT. OF JHARKHAND
9. MASTER PLAN OF ALWAR DISTRICT FOR M/S RAJASTHAN STATE POLLUTION CONTROL BOARD
10. UK-INDIA CBM TECHNOLOGY TRANSFER FOR M/S WARDELL ARMSTRONG, UK
11. ASSESSMENT OF WASHING TECHNOLOGY PREFERENCE i.e. JIG OR H.M. CYCLONE BASED ON THE WASHABILITY STUDY REPORT SUBMITTED BY M/S ICML FOR SARSHATALI OPENCAST COAL MINE FOR M/S INTEGRATED COAL MINING LIMITED
12. PREPARATION OF REVISED MINING PLAN OF SIKNI COLLERY FOR M/S JHARKHAND STATE MINERAL DEVELOPMENT CORPORATION
13. PETROGRAPHIC ANALYSIS OF COAL & COAL ASH FOR M/S TATA STEEL LTD.
14. GEOPHYSICAL SURVEY OF THE SITE OF NEW ZONAL HEADQUARTER BUILDING OF SOUTH EAST CENTRAL RAILWAY FOR M/S SOUTH EAST CENTRAL RAILWAY
15. PREPARATION OF WORKING PLAN FOR NEXT FIVE YEAR OPERATION FOR MATASUKH AND KASNAU PROJECTS FOR M/S RAJASTHAN STATE MINES & MINERALS LIMITED
16. CONCEPTUAL STUDY OF SATTUPALLI OCP-III FOR SINGARENI COLLIERIES COMPANY LIMITED
17. DELINEATION AND CORRESPONDING DATA PACKAGE/INFORMATION DOCKET PREPARATION FOR THE PROPOSED SEVEN PROSPECTIVE CBM BLOCKS FOR THIRD ROUND OF BIDDING FOR DIRECTORATE GENERAL OF HYDROCARBONS
18. SUPERVISION OF GEOPHYSICAL LOGGING IN CHOTIA BLOCK-I & II, HASdeo ARAND COALFIELD FOR M/S PRAKASH INDUSTRIES LIMITED
19. PREPARATION OF ESTIMATE OF CIVIL WORK FOR CONSTRUCTION OF BOUNDARY WALL OVER A PLOT OF LAND OF CMPF AT BHUBANESWAR FOR M/S COAL MINES PROVIDENT FUND
20. PREPARATION OF TECHNICAL FEASIBILITY REPORT FOR INDRAMKHANI I & IA INCLINES INTO OPENCAST PROJECT FOR M/S SINGARENI COLLIERIES COMPANY LIMITED
21. PREPARATION OF TECHNICAL FEASIBILITY REPORT FOR RAMAGUNDAM OPENCAST-III EXPANSION PROJECT FOR M/S SINGARENI COLLIERIES COMPANY LIMITED
22. CONSULTANCY SERVICES FOR CARRYING OUT HYDROGEOLOGICAL INVESTIGATIONS AND ENVIRONMENTAL IMPACT ASSESSMENT (EIA) STUDIES FOR FILLING NTPC-SINGRAULI ASH IN ABANDONED GORBI MINES FOR M/S NATIONAL THERMAL POWER CORPORATION

AUDITOR'S REPORT	MANAGEMENTS' REPLY
<p>The Members, Central Mine Planning and Design Institute Limited. Ranchi, Jharkhand.</p> <p>(1) We have audited the attached Balance Sheet of Central Mine Planning and Design Institute Limited as at 31st March 2006 and the Profit and Loss Account and the Cash Flow Statement of the Company for the year ended on that date annexed thereto, which we have signed under reference to this report. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audit.</p> <p>(2) We conducted our audit in accordance with the auditing standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement. An audit includes examining, on a test basis, evidence supporting the amount and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by the management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion</p> <p>(3) As required by the Companies (Auditor's Report) Order, 2003 as amended by The Companies (Auditors Report) (Amendment Order), 2004 issued by the Central Government of India in terms of sub section (4A) of Section 227 of The Companies Act, 1956, we enclose in the Annexure hereto a statement on the matters specified in paragraphs 4 and 5 of the said Order.</p> <p>(4) Further to our comments in the Annexure referred to in paragraph 3 above, we report that:-</p> <p>A. Comments on accounts :-</p> <p>(i) Depreciation has not been provided in the accounts at appropriate rates on plant & machinery included in buildings. (Policy no.7.1 in Schedule 17 and Note No. 1.2.1 in Schedule-18).</p>	<p>During the year 2005-06, major no. of Lifts included in the building have been segregated and depreciation at appropriate rates has been provided on them. Effort is being made to segregate other P&M included in building.</p>

AUDITOR'S REPORT	MANAGEMENTS' REPLY
(ii) Buildings cost or WDV includes Rs.1044.87 lakh standing on land belonging to other CIL subsidiaries which has not been conveyed in favour of the Company.(Note no.1.1.3 of Schedule-18).	No comments.
(iii) We are unable to express our opinion to the extent of realisability of old debts due from CIL subsidiaries of Rs.69.11 lakhs outstanding since 31.3.1993 (Note No.3.1.2 in Sch.-18).	The entire amount is recoverable after the reconciliation.
(iv) As indicated in Note No.3.1.3 in Schedule 18, balances in debtors are yet to be confirmed. Balances in loans and advances and sundry creditors are also not confirmed.	Letters have already been issued for confirmation of balance in Debtors (other than CIL Subsidiaries).
(v) As indicated in Note no.9.2.1 in Schedule 18 there are certain suits pending in courts arising out of industrial and other disputes. The quantum of contingent liability in this regard could not be ascertained by the management.	No comments
(vi) Impact of the above comments (i) to (iv) on Profit/Loss or Assets/Liabilities is unascertained. There is no impact of comment (v) on any of them.	No comments
(vii) Change in profit after tax as per AS-22- accounting for Taxes on Income- Deferred Tax Asset (Net) stands at Rs.1141.62 lakhs (Note No.11.0 in Schedule 18) against Rs.1007.95 lakhs last year . Necessary book adjustment has been made by crediting Profit and Loss Account with an additional amount of Rs.133.67 lakhs.	No comments
(viii) The management has done testing for impairment of assets in compliance of AS-28 and has reported no impairment losses as per Note No.1.1.4 in Schedule-18.	No comments
(B) Subject to our comments in paragraph (A) above:	
1. We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit.	
2. In our opinion. proper books of accounts as required by law have been kept by the Company so far as appears from our examination of those books.	

AUDITOR'S REPORT

3. The Balance Sheet, Profit and Loss Account and Cash Flow Statement dealt with by this report are in agreement with the books of account;
4. In our opinion, Balance Sheet, Profit and Loss Account and Cash Flow statement dealt with by this report comply with the requirements of the applicable Accounting Standards referred to in sub section (3C) of Section 211 of The Companies Act, 1956. However, segment wise assets and liabilities have not been disclosed as per AS-17 (Segment Reporting)
5. As per the records that could be produced before us and on the basis of representation made by the Chairman –cum- Managing Director and the Company secretary we report that the provisions of clause (g) of sub section (1) of Section 274 of The Companies Act, 1956 , regarding disqualifications of directors are not applicable to a private company.
6. In our opinion , and to the best of our information and according to the explanations given to us , the said accounts with schedules thereto and read with significant accounting policies (Schedule 17) and Notes on accounts (Schedule 18), give the information required by The Companies Act , 1956, in the manner so required and give a true and fair view:
 - a. In the case of the Balance sheet, of the state of affairs of the Company as at 31st March , 2006.
 - b. In the case of the Profit and Loss Account , of the Profit of the Company for the year ended on that date.
 - c. In the case of the Cash Flow statement, of the cash flows for the year ended on that date.

For U.NARAIN & Co
Chartered Accountants

Rajesh Srivastava
Partner
(Membership No.74792)

Place : Ranchi
Dated: 23rd June'2006

MANAGEMENTS' REPLY

ANNEXURE TO THE AUDITORS REPORT

(REFERRED TO IN PARAGRAPH 3 OF OUR REPORT OF EVEN DATE ON THE ACCOUNTS OF CENTRAL MINE PLANNING AND DESIGN INSTITUTE LIMITED FOR THE YEAR ENDED 31ST MARCH, 2006)

MANAGEMENTS' REPLY

1. In respect of Fixed Assets:	
(a) The Company has generally maintained proper records of fixed assets showing full particulars, including quantitative details and situation of fixed assets.	No comments
(b) A major portion of the high value assets have been physically verified by the management in accordance with a phased program of verification adopted by the Company. As explained to us, no material discrepancies were noticed on such verification.	No comments
(c) In our opinion, the Company has not disposed of a substantial part of the fixed assets during the year and the going concern status of the Company has not been affected.	No comments
2. In respect of its inventories:	
(a) The stock of high value stores and spare parts has been physically verified by the management during the year. Some low value items have also been verified on test basis. In our opinion, the frequency of verification is reasonable.	No comments
(b) In our opinion, and according to the information and explanations given to us, the procedure of physical verification of stock followed by the management is reasonable and adequate in relation to the size of the Company and the nature of its business.	No comments
(c) The Company has maintained proper records of its inventories. As explained to us, the discrepancies noticed on physical verification of stock as compared to book records were not material and have been properly dealt with in the books of accounts.	No comments
3. In respect of loans, secured or unsecured, granted or taken by the Company to/from companies, firms or other parties covered in the register maintained under Section 301 of The Companies Act, 1956:	

ANNEXURE TO THE AUDITORS REPORT	MANAGEMENTS' REPLY
(a) The Company has not granted or taken any loan, secured or unsecured from companies, firms or other parties covered in the register maintained under section 301 of the Act.	No comments
(b) The Company has not taken loans, secured or unsecured from companies, firms or other parties listed in the register maintained under section 301 of the Act. The Company has taken unsecured loan from its Holding Company, Coal India Limited.	No comments
(c) In our opinion and according to the information and explanations given to us, the rate of interest and other terms and conditions of the loan taken from its Holding Company, Coal India Limited are not prejudicial to the interest of the Company.	No comments
(d) In respect of the loan taken by the Company from Coal India Limited, interest payments are regular and the principal is repayable on demand.	No comments
(e) In respect of loan taken from Coal India Ltd., these are repayable on demand and therefore the question of overdue amounts does not arise.	No comments
4. In our opinion, there is an adequate internal control system commensurate with the size of the Company and the nature of its business, for the purchase of inventory and fixed assets and for sale of goods and services. During the course of our audit, we have not observed any major weakness in internal control system.	No comments
5. In respect of transactions covered under Section 301 of The Companies Act, 1956:-	
(a) In our opinion and according to the information and explanations given to us, there were no transactions made in pursuance of contracts or arrangements that needed to be entered in the register maintained under Section 301.	No comments
(b) In our opinion and according to the information and explanations given to us, there were no transactions made in pursuance of contracts or arrangements entered in the register maintained under Section 301 and exceeding Rs. Five lakhs at prices which are not reasonable having regard to the prevailing market prices at the relevant time..	No comments
6. The Company has not accepted any deposits from the public within the meaning of Section 58A and 58AA or any other relevant provision of the Act.	No comments

ANNEXURE TO THE AUDITORS REPORT**MANAGEMENTS' REPLY**

7. The Company has appointed outside firms of chartered accountants for internal audit of Headquarters and Regional institutes, except for Regional Institute I and II at Asansol and Dhanbad respectively. In our opinion, the Company has an internal audit system commensurate with its size and nature of business. Locational and functional coverage, however, should be increased.

8. We have been informed that the Central Government has not prescribed the maintenance of cost records under Section 209(1) (d) of The Companies Act, 1956 for the Company.

9. In respect of statutory dues:

(1). According to the records of the Company, the Company is generally regular in depositing undisputed statutory dues such as provident fund, investor education and protection fund, income tax ,sales tax, wealth tax, service tax, customs duty, excise duty, cess and any other dues with the appropriate authorities. According to the explanations given to us, Employees State Insurance Scheme is not applicable to the Company. According to the information and explanations given to us , no undisputed amounts payable in respect of the aforesaid dues were outstanding as at 31st March, 2005 for a period of more than six months from the date they became payable.

(2). The disputed statutory dues aggregating to Rs.61.14 Lakhs that have not been deposited on accounts of matters pending before appropriate authorities are as under:

S.N.	Name of Statute	Nature. of dues	Amount Rs. lakh	Forum where dispute is pending
1.	Income- Tax Act	Income Tax	0.91	Income Tax Appellate Tribunal , Ranchi
		Income Tax	0.12	Income Tax Appellate Tribunal , Ranchi
		TDS on Perks	19.23	Supreme Court
2.	Service Tax Act	Service tax	40.24	Service Tax Tribunal Kolkata
3.	Sales tax Act	Sales Tax	0.64	Sales Tax Authority
Total		Rs. 61.14 Lakhs		

Functional coverage has already been increased. Locational coverage to include RI-1 & RI-2 at Asansol and Dhanbad respectively has been taken up with CIL.

No comments

No comments

No comments

ANNEXURE TO THE AUDITORS REPORT	MANAGEMENTS' REPLY
10. The Company has no accumulated losses as at 31 st March'2006 and has also not incurred any cash losses from operating activities during the financial year ended on that date and in the immediately preceding financial year.	No comments
11. According to the information and explanations given to us, we are of the opinion that the Company has no dues to financial institutions, banks or debenture holders.	No comments
12. According to the information and explanations given to us, the Company has not granted any loans or advances on the basis of security by way of pledge of shares, debentures and other securities.	No comments
13. The Company is not a Chit Fund, Nidhi or Mutual benefit fund/society. Therefore, clause (xiii) of CARO is not applicable to the Company.	No comments
14. In our opinion the Company is not dealing or trading in shares, securities, debentures and other investments,	No comments
15. According to the explanations and information given to us, the Company has not given any guarantee for loans taken by others from banks or financial institutions.	No comments
16. The Company has not raised any term loans during the year.	No comments
17. In our opinion and according to the explanations given to us, the Company has not raised any short term funds and used it for long term purposes or vice versa.	No comments
18. During the year, the Company has not made any preferential allotment of shares to parties and companies covered in the register maintained under Section 301 of The Companies Act, 1956.	No comments
19. The Company has not issued any debentures during the year.	No comments
20. The Company has not raised any money by public issue during the year.	No comments

ANNEXURE TO THE AUDITORS REPORT	MANAGEMENTS' REPLY
<p>21. As per information and explanation received from the management, no fraud on or by the Company was reported during the year.</p>	<p>No comments</p>

For U.NARAIN & Co
Chartered Accountants

Rajesh Srivastava
Partner
(Membership No.74792)

Place : Ranchi
Dated: 23rd June'2006

**REVIEW OF ACCOUNTS OF
CENTRAL MINE PLANNING & DESIGN INSTITUTE LIMITED,
FOR THE YEAR ENDED 31st MARCH, 2006 BY
THE COMPTROLLER & AUDITOR GENERAL OF INDIA**

Note : Review of Accounts has been prepared without taking into account comments under section 619 (4) of the Companies Act, 1956 and qualification contained in the Statutory Auditors' Report.

1. FINANCIAL POSITION

The table below summarises the financial position of the Company under broad headings for the last three years :

Rs in lakh

	<u>2003-2004</u>	<u>2004-2005</u>	<u>2005-2006</u>
LIABILITIES			
a. Paid up Capital	1904.00	1904.00	1904.00
(i) Government	0.00	0.00	0.00
(ii) Others (All Shares are held by Coal India Limited - Holding Company)	1904.00	1904.00	1904.00
b. Reserves & Surplus	2297.62	2383.24	2525.43
(i) Free Reserves & Surplus	0.00	0.00	0.00
(ii) Share Premium Account	1768.43	1693.73	1657.15
c. Borrowing from			
(i) Government of India	0.00	0.00	0.00
(ii) Financial Institutions	0.00	0.00	0.00
(iii) Foreign currency loans	0.00	0.00	0.00
(iv) Cash credit	0.00	0.00	0.00
(v) Working Capital Demand Loan	0.00	0.00	0.00
(vi) Interest accrued and due	17.36	13.65	16.44
(vii) Holding company	160.57	160.57	160.57
d. Current Liabilities & Provisions	15274.24	15649.29	15093.49
(i) Provision for Gratuity	2564.07	3007.58	3424.03
Total	23986.29	24812.06	24781.11
ASSETS			
e. Gross Block	12178.74	12319.03	12591.49
f. Less : Depreciation	6492.30	6822.18	7276.19
g. Net Block	5686.44	5496.85	5315.30
h. Capital Work-in-Progress	539.67	498.88	732.84
i. Investments	0.00	0.00	0.00
j. Current Assets, Loans & Advances	16848.30	17791.31	17566.91
k. Net Deferred Tax Asset	819.58	1007.95	1141.62
l. Miscellaneous Expenditure not written off	92.30	0.00	0.00
m. Accumulated Losses	0.00	0.00	0.00
n. Intangible Assets (Software)	0.00	17.07	24.44
Total	23986.29	24812.06	24781.11
o. Working Capital [j - d(i) -c(vi)]	1556.70	2128.37	2456.98
p. Capital Employed [g+o]	7243.14	7625.22	7772.28
q. Net Worth [a + b(i) +b(ii) -l -m]	4109.32	4287.24	4429.43
r. Net worth per Rupee of paid up Capital (in Rs.)	2.16	2.25	2.33

2. RATIO ANALYSIS :

Some important ratios on the financial health and working of the Company at the end of last three years are as under :

	<u>2003-2004</u>	<u>2004-2005</u>	<u>2005-2006</u>
	(In percentage)		
A. Liquidity Ratio			
Current Ratio (Current Assets to Current Liabilities & Provisions and Interest accrued and due but excluding provisions for gratuity) { j / {d(i)+c(vi) } }	110.18	113.59	116.26
B. Debt Equity Ratio			
Long term debt to Net Worth [c(i) to c(v) excluding short term loans / q]	0.00	0.00	0.00
C. Profitability Ratios :			
a. Profit before tax to :			
(i) Capital employed	2.42	2.27	5.08
(ii) Net Worth	4.27	4.04	8.91
(iii) Sales	1.23	1.14	2.71
b. Profit after tax to Equity	-7.63	5.38	7.47
c. Earning per share (in Rupees)	-76.26	53.78	74.68

3. WORKING RESULTS

The working results of the Company for the last three years ended 31st March 2006 are as under :

	Rs in lakh		
	<u>2003-2004</u>	<u>2004-2005</u>	<u>2005-2006</u>
(i) Sales	14230.29	15114.98	14578.68
(ii) Less Excise Duty	0.00	0.00	0.00
(iii) Net Sales	14230.29	15114.98	14578.68
(iv) Other adjustment and Miscellaneous Income	102.20	79.79	404.37
(v) Profit(+)/Loss(-) before tax and P. P. Adjustments	-21.04	173.40	504.42
(vi) Prior Period Adjustments	-196.63	0.38	109.90
(vii) Profit (+)/Loss (-) before tax	175.59	173.02	394.52
(viii) Tax Provisions { debit (+) / credit (-) }	320.79	70.63	252.33
(ix) Profit (+) / Loss (-) after tax	-145.20	102.39	142.19
(x) Proposed Dividend	0.00	0.00	0.00

* Tax provisions for 2003-04 , 2004-05 and 2005-06 includes a credit of Rs 187.40 lakhs , Rs 188.37 lakh and Rs 133.67 lakh respectively against provision for Deferred Tax

4. SOURCES AND UTILISATION OF FUNDS :

Funds amounting to Rs. 647.46 lakh were generated and utilised during the year 2005-06 as given below :

	Rs. in lakh		
	<u>2003-2004</u>	<u>2004-2005</u>	<u>2005-2006</u>
(a) Profit (+) / Loss (-) after tax	-145.20	102.39	142.19
(b) Depreciation	406.98	329.88	454.01
Less : Deprn. Charged to Capital Reserve	<u>152.86</u>	<u>254.12</u>	<u>141.39</u>
(c) Decrease in Capital Work-in-progress	0.00	40.79	0.00
(d) Decrease in Working Capital	232.70	0.00	85.05
(e) Decrease in Miscellaneous Expenditure	176.33	92.30	0.00
(f) Capital Grants received	66.12	66.69	106.43
(g) Increase in borrowings	0.00	0.00	2.79
Total Sources of Funds	584.07	490.66	647.46
UTILISATION OF FUNDS			
(a) Increase in Fixed assets	306.02	140.29	272.46
(b) Increase in Capital Work-in-progress	89.95	0.00	233.96
(c) Increase in Working Capital	0.00	124.45	0.00
(d) Decrease in Borrowings	0.70	3.71	0.00
(e) Increase in Deferred Tax Assets	187.40	188.37	133.67
(f) Intangible Assets	0.00	17.07	7.37
(g) Amortisation of Software	0.00	16.77	0.00
Total Utilisation of Funds	584.07	490.66	647.46

5. TREND IN SALES, COST OF SALES AND PROFIT VARIED

	2003-2004	2004-2005	Rs in Lakhs
	2003-2004	2004-2005	2005-2006
Sales	14230.29	15114.98	14578.68
Less : Profit (+) / Loss (-) for the year (before Taxation and prior period Adj.)	-21.04	173.40	504.42
Cost of Sales	14251.33	14941.58	14074.26
Percentage of Profit (+) / Loss (-) to Cost of Sales	-0.15	1.16	3.58
Percentage of Cost of Sales to Sales	100.15	98.85	96.54

6. INVENTORY HOLDINGS

Closing Stock of stores and spares represented 5.15 months consumption in 2003-04, 6.14 months consumption in 2004-05 and 5.89 months consumption in 2005-06.

Closing Stock of Stores and spares as on 31st March, 2006 valued at Rs 451.53 lakh includes Stores and spares for Rs 80.32 lakh which have not moved for over 3 years.

7. SUNDRY DEBTORS

The value of Sundry Debtors and Sales for the last three years are given below :

As on	Sundry Debtors	Sales	Percentage of Debtors to Sales	Rs in lakh
31.03.2004	10905.47	14230.29	76.64%	
31.03.2005	11806.81	15114.98	78.11%	
31.03.2006	11509.69	14578.68	78.95%	

The age-wise break-up of Sundry Debtors as at the end of the year 2005-06 is as follows :

(**Rs in lakhs**)

Debtors outstanding for	Dues from Govt Dept.	Dues from PSUs/ Corpn./ Board	Dues from Pvt. parties	Total
Less than 6 months	42.59	5310.30	41.49	5394.38
More than 6 months but less than 1 year	1.08	277.21	1.58	279.87
More than 1 year but less than 3 years	14.24	2633.58	20.39	2668.21
Above 3 years	21.72	3130.08	15.43	3167.23
Total	79.63	11351.17	78.89	11509.69

(B. Mazumdar)

Principal Director of Commercial Audit
& Ex-Officio Member Audit Board - II

Kolkata
01/08/2006

CENTRAL MINE PLANNING & DESIGN INSTITUTE LIMITED
BALANCE SHEET AS AT 31ST MARCH, 2006

	<u>Schedule</u>	<u>As at 31st March 2006 (Rs in Lakh)</u>	As at 31st March 2005 (Rs in Lakh)
<u>SOURCES OF FUNDS</u>			
Shareholders' Funds			
Share Capital	A	1904.00	1904.00
Share Money pending allotment	B	0.00	0.00
Reserves & Surplus	C	4182.58	4076.97
Loan Funds			
Secured	D	0.00	0.00
Unsecured	E	177.01	174.22
Total Funds Employed		6263.59	6155.19

APPLICATION OF FUNDS

Fixed Assets			
Gross Block	F	12562.42	12294.16
Less : Depreciation		7276.19	6822.18
Net Block		5286.23	5471.98
Surveyed off Assets		29.07	24.87
Capital Work in Progress	G	732.84	498.88
Investment	H	0.00	0.00
Deferred Tax (net)		1141.62	1007.95
Current Assets, Loans & Advances			
Inventories	I	362.04	366.36
Sundry Debtors	J	11352.96	11756.30
Cash & Bank Balances	K	2888.02	2440.57
Loans & Advances	L	2533.02	2722.46
Other Current Asset	M	430.87	505.62
Total Current Assets, Loans & Advances		17566.91	17791.31
Less: Current Liabilities & Provisions	N	18517.52	18656.87
Net Current Assets		-950.61	-865.56
Miscellaneous Expenditure	O	0.00	0.00
(To the extent not written off or adjusted)			
Intangible Assets	P	24.44	17.07
		6263.59	6155.19
Accounting Policy	17		
Notes On Accounts	18		

The schedules referred to above form
an integral part of Accounts

(Udayan Chakrabarti)
Company Secretary

(A. K. Soni)
H. O. D. (Finance)

(S. Chakrabarti)
Director

(S. Chaudhuri)
Chairman - cum - Managing Director

In terms of our report of even date attached
For U. Narain & Co.
Chartered Accountants

Camp :
Dated : June , 2006

(Rajesh Srivastava)
Partner

CENTRAL MINE PLANNING & DESIGN INSTITUTE LIMITED

PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MARCH, 2006

	Schedule	Current year Year ending 31st March 2006 (Rs in Lakh)	Previous Year Year ending 31st March 2005 (Rs in Lakh)
INCOME			
Sale of services	1	14578.68	15114.98
Coal issued for other purpose	2	-	-
Accretion/Decretion(-) in stock	3	-	-
Workshop job for own purpose	4	-	-
Other income	5	404.37	79.79
Total Income		14983.05	15194.77
EXPENDITURE			
Consumption of Stores & Spares	6	737.97	715.59
Employees Remuneration & Benefits	7	10197.14	11164.03
Social Overhead	8	1136.81	893.15
Power & Fuel	9	169.82	166.79
Repairs	10	233.27	217.65
Contractual Expenses	11	257.24	272.45
Miscellaneous Expenses	12	1409.09	1351.21
Total Expenditure		14141.34	14780.87
GROSS OPERATING PROFIT(+)/LOSS(-)			
Interest	13	841.71	413.90
Depreciation		20.58	21.18
Provisions	14	209.00	202.41
		107.71	16.91
PROFIT(+)/LOSS(-) FOR THE YEAR			
Prior Period Adjustment	15	504.42	173.40
Extra Ordinary items	16	109.90	0.38
		-	-
NET PROFIT(+)/LOSS(-) BEFORE TAXATION			
Provision for Taxation		394.52	173.02
Provision for Fringe Benefit Tax		300.00	259.00
Provision for Deferred Tax		86.00	0.00
		-133.67	-188.37
PROFIT(+)/LOSS (-) AFTER TAX			
Transferred to General Reserve		142.19	102.39
		0.00	0.00
		-----	-----
PROFIT(+)/LOSS(-) AFTER TRANS. TO GENERAL RESERVE			
Add : Profit upto the previous year		142.19	102.39
Less : Amortisation of Software		2165.70	2080.08
		0.00	16.77
BALANCE CARRIED TO BALANCE SHEET		2307.89	2165.70
Accounting Policy	17		
Notes On Accounts	18		
The schedules referred to above form an integral part of Accounts			

(Udayan Chakrabarti)
Company Secretary

(A. K. Soni)
H. O. D. (Finance)

(S. Chakrabarti)
Director

(S. Chaudhuri)
Chairman-cum-Managing Director

In terms of our report of even date attached
For U. Narain & Co.
Chartered Accountants

Camp :
Dated : June , 2006

(Rajesh Srivastava)
Partner

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006**SCHEDULE - A****SHARE CAPITAL**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Authorized capital		
500000 Equity Shares of Rs 1000/- each .	<u>5000.00</u>	<u>5000.00</u>
	5000.00	5000.00
Issued Subscribed & paid up		
(Held by Coal India Ltd. , the Holding Co. & its nominees)		
8 Equity Shares of Rs 1,000/- each fully paid in Cash (Previous Year 8 Equity shares of Rs 1,000/- each)	0.08	0.08
85392 Equity Shares of Rs 1,000/- each allotted as fully paid up for consideration received other than cash (Previous Year 85392 Equity Shares of Rs 1,000/- each)	853.92	853.92
105000 Equity Shares of Rs 1000/- each allotted as fully paid for Cash to Holding Company by converting loan in equity	1050.00	1050.00
	-----	-----
	1904.00	1904.00
	-----	-----

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006
SHARE MONEY PENDING ALLOTMENT**SCHEDULE - B**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
	NIL	NIL

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006
RESERVE & SURPLUS

SCHEDULE - C

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)		
CAPITAL RESERVE :				
Grants for purchase of capital equipment				
Energy Coal S&T Grants				
As per last Account	1300.17	1365.03		
Additions during the year	25.93	30.51		
	1326.10	1395.54		
Less : Depreciation written-off during the year	91.03	1235.07	95.37	1300.17
UNDP Grants				
As per last Account	7.20	7.54		
Addition during the Year	0.00	0.00		
	7.20	7.54		
Less : Depreciation written off	0.33	6.87	0.34	7.20
CCDA Grants				
As per last Account	10.20	19.19		
Addition during the Year	0.00	0.00		
	10.20	19.19		
Less : Depreciation written off	1.94	8.26	8.99	10.20
EMSC Grants				
As per last Account	0.47	0.47		
Addition during the Year	0.00	0.00		
	0.47	0.47		
Less : Depreciation written off	0.00	0.47	0.00	0.47
CIL R&D GRANTS				
As per last Account	375.69	376.20		
Addition during the Year	36.13	36.18		
	411.82	412.38		
Less : Depreciation written off	45.19	366.63	36.69	375.69
P.R.E. Grants				
As per last Account	0.00	0.00		
Addition during the Year	44.37	0.00		
	44.37	0.00		
Less : Depreciation written off	4.52	39.85	0.00	0.00
	1657.15			1693.73
GENERAL RESERVE :	217.54			217.54
Balance of Profit transferred from Profit & Loss Account	2307.89			2165.70
Total	4182.58			4076.97

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006**SECURED LOAN****SCHEDULE - D**

Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
--------------------------------------	---------------------------------------

NIL	NIL
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SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006**UNSECURED LOAN****SCHEDULE - E**

Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
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Due to Coal India Ltd., the Holding Company	160.57	160.57
Interest accrued & due	16.44	13.65

Total	177.01	174.22
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SCHEDULE TO BALANCE SHEET AS AT 31ST.MARCH,2006 FIXED ASSETS										SCHEDULE-F	
	PARTICULARS				DEPRECIATION				Net Block		
	COST As AT 1.4.2005	ADDITION DURING THE YEAR	ADJUSTMENT FOR DISPOSAL/ DISCARDED OF FIXED ASSETS	TOTAL COST AS AT 31.03.2006	DEPRECIATION AS AT 1.4.2005	DEPRECIATION FOR THE YEAR	ADJUSTMENT FOR DISPOSAL/ DISCARDED ETC.	TOTAL DEPRECIATION UPTO 31.03.2006	NET BLOCK AS AT 31.03.2006	NET BLOCK AS AT 31.03.2005	
A. Fixed Assets : (Excluding S&T, CCDA, EMSC, UNDP,PRE & CIL R&D Assets)											
Land :											
Freehold	107.30	9.05	-1.64	114.71	0.00			0.00	114.71	107.30	
Leasehold	117.98			117.98	52.02	3.13		55.15	62.83	65.96	
Building :											
Freehold	4093.91	48.19	1.64	4143.74	1040.89	211.82		1252.71	2891.03	3053.02	
Leasehold	-			-	-	-		-	-	-	
Plant & Machinery	3279.55	167.42	-29.68	3417.29	2608.35	120.07	-28.14	2700.28	717.01	671.20	
Furniture,Fittings &											
Office Equipment	1099.31	40.67	-25.65	1114.33	922.18	32.05	-24.36	929.87	184.46	177.13	
Vehicle	670.30	2.83	-35.17	637.96	540.44	29.84	-33.41	536.87	101.09	129.86	
TOTAL (A)	9368.35	268.16	-90.50	9546.01	5163.88	396.91	-85.91	5474.88	4071.13	4204.47	
B. S&T,CCDA,EMSC , UNDP & CIL -											
R&D/ PRE Assets :											
Building	4.18	0.61		4.79	1.44	0.10		1.54	3.25	2.74	
Plant & Machinery	2908.85	83.71		2992.56	1646.43	140.47		1786.90	1205.66	1262.42	
Furniture,Fittings & Office Equipment	8.85	6.28		15.13	6.71	2.44		9.15	5.98	2.14	
Vehicle	3.93			3.93	3.72			3.72	0.21	0.21	
TOTAL (B)	2925.81	90.60	0.00	3016.41	1658.30	143.01	0.00	1801.31	1215.10	1267.51	
TOTAL (A+B)	12294.16	358.76	-90.50	12562.42	6822.18	539.92	-85.91	7276.19	5286.23	5471.98	
C. Assets Surveyed Off											
								29.07	24.87		

Previous Year :

(i) Fixed Assets-(Excluding S&T,CCDA, EMSC & UNDP)	9308.19	163.60	-103.44	9368.35	4975.38	255.98	-67.48	5163.88	4204.47	4332.81
(ii) S&T, CCDA, EMSC & UNDP Assets	2847.89	77.92	0.00	2925.81	1516.92	141.38	0.00	1658.30	1267.51	1330.97
TOTAL	12156.08	241.52	-103.44	12294.16	6492.30	397.36	-67.48	6822.18	5471.98	5663.78
(iii) Assets Surveyed Off								24.87	22.66	

CENTRAL MINE PLANNING & DESIGN INSTITUTE LIMITED

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006
FIXED ASSETS

SCHEDULE - F
Annexure - F1

NOTE 1 :

(RS. IN LAKH)

ALLOCATION OF DEPRECIATION :

	CURRENT YEAR	PREVIOUS YEAR	* Depreciation on Assets purchased against Grants :	CURRENT YEAR	PREVIOUS YEAR
1. Profit & Loss Account			Energy Coal S&T	91.03	95.37
(a) 100% Depn. on Assets costing below Rs. 5000/-	3.70	3.83	UNDP	0.33	0.34
(b) Others	205.30	198.58	CCDA	1.94	8.99
2. Social Overhead	60.49	55.56	EMSC	0.00	0.00
3. Prior Period Adjustment	128.50	-0.66	CIL R&D	45.19	36.69
4. Capital Assets against Grants *	143.01	141.39	PRE	4.52	0.00
	TOTAL	541.00	TOTAL	143.01	141.39
	TOTAL	541.00			

NOTE 2

SOCIAL OVERHEAD ASSETS INCLUDED IN THE SCHEDULE EXCLUDING
FURNITURE, FITTINGS & OFFICE EQUIPMENTS ARE AS FOLLOWS :

	COST As at 31st- March,06	COST As at 31st- March,05
(i) Building	2698.10	2658.55
(ii) Vehicles	49.69	47.20
	TOTAL	2747.79
		2705.75

NOTE 3 :

RECONCILIATION OF DISPOSAL OF FIXED ASSETS :	CURRENT YEAR	PREVIOUS YEAR
1. Provision for Depreciation	0.00	0.00
2. Bank	0.00	0.00
3. Loss (+) / Profit (-) of Fixed assets	0.00	0.00
Disposal of Fixed Assets (Gross Cost)	0.00	0.00

NOTE 4 :

RECONCILIATION OF DISCARDED FIXED ASSETS	AS AT 31st - MARCH 2006	AS AT 31st - MARCH 2005
Gross Cost	582.43	498.25
Prov. for Depn.	553.36	473.38
	29.07	24.87

NOTE 5 :

RECONCILIATION OF DEPRECIATION FUND :	CURRENT YEAR	PREVIOUS YEAR
Opening Balance :	6822.18	6492.30
Add : Depreciation provided during the year	539.92	397.36
	7362.10	6889.66
Less : Net Outflow of Fund : for Surveyed/Written off and disposed off Assets	79.92	67.48
Less : Outflow Fund - Inter Company Others	5.99	0.00
	0.00	0.00
Closing balance	7276.19	6822.18

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006									SCHEDULE - G			
CAPITAL WORK IN PROGRESS												
PARTICULARS	(RS IN LAKH)											
	COST AS ON 01.04.05	ADDITION DURING THE YEAR	ADJUSTMENT FOR CAPITALISATION/DISPOSAL/ DISCARD	COST AS ON 31st MARCH 2006	AS ON 01.04.05	DURING THE YEAR	WITHDRAWAL /ADJUSTMENT/ DURING THE YEAR	TOTAL AS ON 31st MARCH 2006	NET ASSETS AS ON 31/03/06	NET ASSETS AS ON 31/3/05		

(A) Capital Work -in- Progress
(Excluding S&T/R&D Assets)

Buildings	76.92	19.19	-11.61	84.50	6.02	1.08		7.10	77.40	70.90 RI-5
Plant And Machinery And Capital Stores in Stores	2.69	212.80	-1.23	214.26	0.70	0.00	-0.06	0.64	213.62	1.99 RI-1
TOTAL (A)	79.61	231.99	-12.84	298.76	6.72	1.08	-0.06	7.74	291.02	72.89

(B) Capital Work-in-Progress-
(For S&T)

Plant and Machinery and Capital Stores in Stores	281.40	0.00	0.00	281.40	0.00			0.00	281.40	281.40
(For R&D)										
Coal Tailing Treatment Plant	144.59	15.83	0.00	160.42	0.00			0.00	160.42	144.59
TOTAL (B)	425.99	15.83	0.00	441.82	0.00	0.00	0.00	0.00	441.82	425.99

TOTAL (A+B)	505.60	247.82	-12.84	740.58	6.72	1.08	-0.06	7.74	732.84	498.88
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Previous year:

(A) Capital Work -in- Progress (Excluding S&T/R&D Assets)	149.57	12.61	-82.57	79.61	5.38	1.34	0.00	6.72	72.89	144.19
TOTAL (A)	149.57	12.61	-82.57	79.61	5.38	1.34	0.00	6.72	72.89	144.19
(B) Capital Work-in-Progress- (For S&T/R&D Assets)	395.48	30.51	0.00	425.99	0.00	0.00	0.00	0.00	425.99	395.48
TOTAL (B)	395.48	30.51	0.00	425.99	0.00	0.00	0.00	0.00	425.99	395.48
TOTAL (A+B)	545.05	43.12	-82.57	505.60	5.38	1.34	0.00	6.72	498.88	539.67

Note : Social Overhead assets included in the Schedule are as follows :

	AS AT 31st MARCH 2006	AS AT 31st MARCH 2005
i) Buildings	84.50	76.92
ii) Roads & Culverts	-	-
iii) Others (Water Supply)	-	-
TOTAL	84.50	76.92

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006
INVESTMENT (AT COST)

SCHEDULE - H

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Trade investment at Cost (Unquoted)	Nil	Nil

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006
INVENTORIES

SCHEDULE - I

		Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
(As valued and certified by the Management)			
Stock of Stores & Spare Parts at weighted average cost	367.02	390.56	
Less : Provision for slow moving/non-moving/ obsolescence	89.49	93.11	
	277.53	297.45	
Other stores at purchase price	50.87	53.78	351.23
Add : In Transit/Under Inspection	33.64		15.13
Total	362.04		366.36

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006

SCHEDULE - J

SUNDRY DEBTORS

		Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Debts outstanding for a period			
Exceeding Six months	6115.31	5046.72	
Others	5394.38	6760.09	
Total	11509.69	11806.81	
Less: Provisions for doubtful debts	156.73	50.51	
Balance	11352.96	11756.30	
Classification :			
Unsecured & Considered good	11352.96	11756.30	
Unsecured & Considered doubtful	156.73	50.51	
	11509.69	11806.81	
Due from the Companies under the same management			
Eastern Coalfields Limited	1678.66	1470.82	
Bharat Coking coal Limited	1152.78	1036.40	
Central Coalfields Limited	2307.53	2547.71	
Western Coalfields Limited	549.73	895.35	
South Eastern Coalfields Limited	667.52	1279.99	
Northern Coalfields Limited	861.57	923.55	
Mahanadi Coalfields Ltd.	1946.22	1971.40	
North East Coalfields	50.71	49.96	
Kakri CHP (NCL)	14.08	14.08	
Dankuni Coal Complex (CIL)	1.87	1.87	
Bharatpur CHP (MCL)	0.73	0.73	
Total	9231.40	10191.86	

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006**CASH & BANK BALANCE****SCHEDULE - K**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Cash, Cheques, Drafts & Stamps in-hand	51.54	149.31
Remittance in-transit	422.00	1318.35
Balance with Scheduled Bank :		
In Current Account	2353.05	908.31
In Deposit Accounts *	61.43	64.60
 Total	2888.02	2440.57

* Rs 28.32 lakh encumbered for issue of Bank Guarantee
(Previous year Rs. 28.16 lakh)

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006

SCHEDULE - L

LOANS & ADVANCES

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Advance recoverable in Cash or for value to be received :		
Advances to Suppliers		
for Capital Works	1.01	15.54
for Other Stores	66.45	66.66
Advances to Contractors		
for Capital Works	5.00	10.63
for Other Stores	10.20	3.28
Advances to Employees:		
for House Building	177.46	235.72
for Motor Car & Other Conveyances	5.64	10.61
for Others	110.37	111.68
Deposits for P&T, Electricity, Gas etc.	47.05	41.90
Advance payment of statutory Dues		
Income-tax	1594.46	2013.97
Sales Tax	5.22	5.22
Wealth tax	0.27	0.19
Subsidiaries Suspense Accounts	0.00	20.57
Pre paid Expenditure	12.64	10.91
Income Tax deducted at source	429.08	170.16
Advances to Other Government Agencies	73.59	14.39
Service Tax paid on bills	6.00	0.96
<hr/>	<hr/>	<hr/>
Total	2544.44	2732.39
Less : Provisions	11.42	9.93
<hr/>	<hr/>	<hr/>
Balance	2533.02	2722.46
<hr/>	<hr/>	<hr/>
Notes :		
i) Secured & Considered good	183.10	246.33
Unsecured & Considered good	2349.92	2476.13
Unsecured & Considered doubtful	11.42	9.93
<hr/>	<hr/>	<hr/>
ii) Amount due from an Officer of the Company Rs. 0.22 (Prev. year NIL lakh). Maximum balance due at any time during the year Rs 0.92 lakh (Prev. year 0.27 Lakh)	2544.44	2732.39
<hr/>	<hr/>	<hr/>
iii) Amount due from directors of the Company Rs. 0.10 lakh (prev. year - Rs 0.04 lakh). Maximum amount due at any time during the year Rs 0.63 Lakh (Prev. Year Rs 1.69 Lakh)		

Company Secretary has been considered to be an officer of the company for the above disclosure.

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006**SCHEDULE - M****OTHER CURRENT ASSETS**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Claims Receivables :		
i) Railway	-	-
ii) Insurance	-	-
iii) Others	22.29	48.51
Other Receivables		
i) Employees	401.57	430.92
ii) Others	7.01	26.19
Total	430.87	505.62

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006
SCHEDULE - N
CURRENT LIABILITIES & PROVISIONS

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Creditors for goods (Small Scale Industries)		
Capital	0.00	0.00
Revenue	64.20	50.88
Creditors for goods (Others)		
Capital	83.14	33.76
Revenue	42.35	1.95
Sundry Creditors for contractual expenses		
Capital	97.74	92.72
Revenue	478.99	501.40
Liability for MECL (Non-CIL)	622.39	0.00
Sundry Creditors for other expenses		
Power & Fuels	63.38	84.20
Others	632.49	617.04
Employee Remuneration & Benefits :-		
Salaries, Wages & Allowances (gross)	3135.66	2990.38
Gratuity	3424.03	3007.58
Attendance Bonus	38.57	34.37
Exgratia	117.85	115.78
Unpaid Salaries/Wages	62.63	11.14
Leave encashment	1466.47	1675.61
Statutory Dues :		
Income Tax deducted at source :		
from Employees	10.26	10.80
from Contractors	0.81	0.46
Service Tax	947.35	1006.42
Advances & Deposits :		
from Customers	436.65	550.58
from Ministry of Coal (Annex. N - 4)	472.76	0.00
from Contractors & others *	279.38	188.27
Government Grants pending disbursement		
Energy Coal (S&T) Grants (Annex N - 1)	194.30	168.26
Other grants (Annex N - 2)	1898.71	2008.55
CIL R&D Fund (Annex N-3)	22.55	74.46
Current Account Balances with Holding co. & its subsidiaries		
Coal India Ltd. , Holding Co.	2472.71	3784.65
Subsidiaries Suspense Account	103.22	0.00
Other Liabilities :		
Retirement Pension Fund dues	80.11	94.24
Provident Fund dues	36.71	21.37
Cooperatives/Benevolent Fund/Recreation Club	22.00	8.70
Provisions :		
Provision for Taxation - Income Tax	1122.87	1522.14
Provision for Fringe Benefit Tax	86.00	0.00
Provision for Taxation - Wealth Tax	0.40	0.32
Provision for loss of Asset	0.84	0.84
Total	18517.52	18656.87

* Clarification:

Deposit includes Rs Nil Lakh (Previous year Rs 8.09 Lakh) towards Earnest Money & Security Deposit of Energy Coal S&T Grant.

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006

ENERGY COAL S&T GRANTS

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Opening Balance as on 01/04/2005	168.26	177.85
Amount received from Ministry of Energy-Coal (S&T) Grant	1484.00	1243.00
Refund from Implementing Agencies	16.13	0.00
Interest	0.00	3.96
LD recovery	0.00	16.00
Adjustment against CMPDI Share S&T	0.00	0.10
Other Receipts	0.00	0.01
	1668.39	1440.92
Disbursement to various Implementing Agencies :		
Central Mining Research Institute	227.10	59.00
Central Fuel Research Institute	43.19	66.28
Indian School of Mines	32.00	0.40
Annamalai University Madras	0.21	54.00
Andhra University	83.60	10.00
Coal Bed Methane	450.00	706.57
National Institute of Rock Mechanics	50.00	0.00
Tamil Nadu Agriculture University	16.90	25.00
T.M., Bhagalpur University	0.00	1.50
Nayveli Lignite Corporation	151.33	30.00
Vinoba Bhave University	0.00	4.00
Regional Research Laboratory, Bhubhneswar	0.00	3.00
Regional Research Laboratory , Bhopal	20.00	25.00
Steel Authority of India	0.00	32.46
IIT, Delhi	0.00	1.20
IIT, Madras	2.00	6.00
IIT, Kharagpur	18.00	8.00
KREC Karnataka	0.00	0.00
IICT Hyderabad	20.00	3.00
CET Osmania University	15.00	10.00
IISc Bangalore	0.00	0.00
SCCL	50.00	60.00
Regional Research Laboratories, Trivandrum	0.00	0.00
Humboldt Wedag	0.00	30.51
RDCIS	11.00	0.00
RRL, Jorhat	5.00	0.00
CMERI, Durgapur	49.00	0.00
Jadavpur University	50.00	0.00
CMPDI Limited	179.76	136.74
Total Disbursement	1474.09	1272.66
Closing Balance	194.30	168.26

SCHEDULE - N

Annexure N-1

SCHEDULE TO BALANCE SHEET AS AT 31ST MARCH, 2006

Schedule - N

OTHER GRANTS

Annexure - N.2

Rs. in Lakhs

Name of Government Grants	Opening Balance	Cheques in hand disbursed subsequently	Adjusted Opening Balance	Addition during the year	Total	Disbursed during the year	Balance as on 31/03/06
	A	B	C (A-B)	D	E (C+D)	F	G (E-F)
Mining Electronic Grants	Curr. Year 0.52	0.00	0.52	0.00	0.52	0.00	0.52
	Prev. Year 0.52	0.00	0.52	0.00	0.52	0.00	0.52
Promotional Grants (Annex. N.2.1)	Regional Exploration Curr. Year 1919.05	91.70	1827.35	4846.00	6673.35	4856.15	1817.20
	Prev. Year 2622.00	0.00	2622.00	4391.70	7013.70	5094.65	1919.05
Environmental Measures Control	Subside Curr. Year 10.41	0.00	10.41	2515.00	2525.41	2522.99	2.42
Control and Rehabilitation	Prev. Year 216.94	0.00	216.94	485.00	701.94	691.53	10.41
Fire & Subsidence (RCFS) (Annex. N.2.2)							
Testing Laboratory Grants	Curr. Year 28.00	0.00	28.00	0.00	28.00	0.00	28.00
	Prev. Year 28.00	0.00	28.00	0.00	28.00	0.00	28.00
United Nations Development -	Programme Grants Curr. Year 26.82	0.00	26.82	0.00	26.82	0.00	26.82
	Prev. Year 26.82	0.00	26.82	0.00	26.82	0.00	26.82
Coal Conservation Development -	Advisory Grants Curr. Year 23.75	0.00	23.75	0.00	23.75	0.00	23.75
	Prev. Year 23.75	0.00	23.75	0.00	23.75	0.00	23.75
Total	2008.55	91.70	1916.85	7361.00	9277.85	7379.14	1898.71
	2918.03	0.00	2918.03	4876.70	7794.73	5786.18	2008.55

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006**Promotional Regional Exploration Grants****SCHEDULE - N****Annex ure N-2.1**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Opening Balance as on 01/04/2005	1919.05	2622.00
Less : Cheques in hand as on 31/03/05	91.70	0.00
	-----	-----
Adjusted Opening Balance as on 01/04/2005	1827.35	2622.00
Amount received from Ministry of Coal	4846.00	4300.00
Cheques in hand	0.00	91.70
	-----	-----
	6673.35	7013.70
Disbursement to various Implementing Agencies :		
Mineral Exploration Corporation Limited	3667.99	3572.73
Geological Survey of India	528.62	531.92
Central Mine Planning & Design Institute Limited	597.45	536.12
Neyveli Lignite Corporation Limited	25.39	437.00
Central Fuel Research Institute, Dhanbad	0.00	16.88
SCCL	36.70	0.00
	-----	-----
Total disbursement	4856.15	5094.65
Closing Balance	1817.20	1919.05
	-----	-----

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006**Environmental Measures Subsidence Control & Rehabilitation Control of Fire & Subsidence (RCFS) Grants****SCHEDULE - N****Annex ure N-2.2**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Opening Balance as on 01/04/2005	10.41	216.94
Receipts from Ministry	2515.00	485.00
	-----	-----
	2525.41	701.94
Disbursement to various Implementing Agencies :		
Bharat Coking Coal Limited	1033.00	366.50
Eastern Coalfields Limited	1460.00	295.00
Central Mine Planning & Design Institute Limited	29.99	30.03
	-----	-----
Total disbursement	2522.99	691.53
Closing Balance	2.42	10.41
	-----	-----

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006**C I L R& D FUND**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Opening Balance as on 01/04/2005	74.46	0.28
Amount received from Coal India	764.00	322.90
Total Receipt	838.46	323.18
Disbursement to various Implementing Agencies :		
Central Coalfields Ltd.	81.22	3.00
BCCL	0.00	81.71
IIT, Kharagpur	138.55	50.00
CMPDI Limited	480.34	114.01
Western Coalfields Ltd.	115.80	0.00
	815.91	248.72
Closing Balance	22.55	74.46

SCHEDULE - N**Annex ure N-3****SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006****Grants for Detailed Drilling Work in Non-CIL Blocks**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Opening Balance as on 01/04/2005	0.00	0.00
Amount received from Ministry of Coal	2276.00	2250.00
Cheques in hand as on 31/03/06	0.69	0.00
Total Receipt	2276.69	2250.00
Disbursement to various Implementing Agencies :		
CMPDI Limited	1338.29	1743.13
Mineral Exploration Corporation Limited	465.64	506.87
	1803.93	2250.00
Closing Balance	472.76	0.00

SCHEDULE - N**Annex ure N- 4**

SCHEDULE TO BALANCE SHEET AS AT 31st MARCH 2006

SCHEDULE - O

MISCELLANEOUS EXPENDITURE
(TO THE EXTENT NOT WRITTEN-OFF)

		Current Year (Rs. in Lakh)		Previous Year (Rs. in Lakh)
Deferred Revenue Expenditure				
1. Tubulars				
As per last Account	0.00	68.77		
Addition during the year	<u>0.00</u>	<u>0.00</u>	*	
	0.00	68.77		
Less : Written off during the year	<u>0.00</u>	0.00	68.77	0.00
2. Voluntary Retirement Scheme				
As per last Account	0.00	23.53		
Addition During The Year	<u>0.00</u>	<u>0.00</u>	**	
	0.00	23.53		
Less : Written off during the year	<u>0.00</u>	0.00	<u>23.53</u>	0.00
 BALANCE		<u>0.00</u>		<u>0.00</u>
		<hr/>		<hr/>

* 100% of the addition of Tubulars has been charged to P&L A/C under " Consumption of Stores & Spares" (Sch - 6)
 ** 100% of VRS paid during the year has been charged to P&L Account.

CENTRAL MINE PLANNING & DESIGN INSTITUTE LIMITED

SCHEDULE TO BALANCE SHEET AS AT 31ST.MARCH,2006										SCHEDULE-P
INTANGIBLE ASSETS(SOFTWARE)										
Amortisation period - 3 years										RS.IN LAKH
COST					AMORTISATION				Net Block	
OPG.BAL As AT 1.4.2005	ADDITION DURING THE YEAR	ADJUSTMENT FOR DISPOSAL/ DISCARDED OF INTANGIBLE ASSET	TOTAL COST AS AT 31.03.2006	OPG.BAL AS AT 1.4.2005	ADDITION FOR THE YEAR	ADJUSTMENT FOR DISPOSAL/ DISCARDED ETC.	TOTAL AMORTISATION UPTO 31.03.2006	AS AT 31.03.2006	AS AT 31.03.2005	
SOFTWARE:	67.28	29.95	0.00	97.24	50.21	22.59	0.00	72.79	24.44	17.07

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MAR 2006**SCHEDULE -1****SALE OF SERVICE**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
+		
Exploration	7064.51	7795.28
Planning & Design	6723.87	6346.75
Natural Resource Management	790.30	972.95
Total Sales	<u>14578.68</u>	<u>15114.98</u>
	<hr/>	<hr/>

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MAR 2006**SCHEDULE -2****COAL ISSUED FOR OTHER PURPOSE**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)

APPLICABLE TO CIL's OTHER SUBSIDIARIES

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MAR 2006**SCHEDULE -3****ACCRETION/DECRETION IN STOCK**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)

APPLICABLE TO CIL's OTHER SUBSIDIARIES

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MAR 2006**SCHEDULE -4****WORKSHOP JOB FOR OWN PURPOSE**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)

APPLICABLE TO CIL's OTHER SUBSIDIARIES

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MAR 2006**SCHEDULE -5****OTHER INCOME**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Interest received		
On Loan to Employees	21.82	27.12
On Bank Deposit	3.50	3.19
Rent received from outsiders	15.05	13.33
Tender fees	5.49	5.78
Sale of Scrap	0.00	0.01
Liquidated Damage	8.11	8.81
Rent Vehicles	0.40	1.11
Excess Provision Written Back	320.00	0.00
Others	30.00	20.44
Profit on sale of Asset	0.00	0.00
 Total	 404.37	 79.79

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MAR 2006**SCHEDULE -6****CONSUMPTION OF STORES**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
POL	288.06	251.16
Stores & spares	416.21	366.91
Other stores & consumable	33.70	28.75
Deferred Rev.Exp.written-off	0.00	68.77
 Total	 737.97	 715.59

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MAR 2006**SCHEDULE -7****EMPLOYEES REMUNERATION AND BENEFITS**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Salaries & Wages	7166.11	7872.00
Overtime	94.30	132.21
Incentives	287.37	320.61
Leave encashments	468.83	553.47
Other allowances	304.76	237.50
Contribution to PF(Annex. 1)	916.62	982.44
Attendance Bonus	242.13	171.46
Exgratia		
a) Non - Executives	86.95	87.30
b) Executives	29.18	28.12
LTC/LLTC/RRF	180.08	216.12
Pension		
a) Ex NCDC Employees	0.00	0.00
b) Others	9.78	7.78
Gratuity	606.89	663.64
Workmen Compensation	2.04	0.00
D.L.I.	20.38	19.41
Life Cover Scheme	5.10	3.60
V R S	29.30	110.71
<hr/>	<hr/>	<hr/>
Total	10449.82	11406.37
Less : Transferred to Social Overhead (Sch - 8)	252.68	242.34
<hr/>	<hr/>	<hr/>
Balance	10197.14	11164.03
<hr/>	<hr/>	<hr/>

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MAR 2006**SCHEDULE - 7****CONTRIBUTION TO PROVIDENT FUNDS****ANNEXURE - 1**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Coal Mines Provident Fund	848.51	917.61
Coal Mines Family Pension Fund	68.11	64.40
Other Provident Funds	0.00	0.43
<hr/>	<hr/>	<hr/>
Total	916.62	982.44
<hr/>	<hr/>	<hr/>

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MAR 2006

SCHEDULE - 8

SOCIAL OVERHEAD

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Salary Wages Allowances (From Schedule - 7)	252.68	242.34
Free issue of Coal to Employees	17.70	18.58
Medical Facilities		
Medical Reimbursement	187.10	173.13
Medicines & Hospital Expenses	95.32	89.34
Grant to :		
a) Schools	0.00	0.17
b) Sports & Recreations	9.95	10.22
Canteen upkeep	8.23	7.61
House Rent	0.08	0.18
Power (from Schedule -9)	151.89	148.08
Repairs & Maintenance (Transferred from Sch. 10)		
a) Township	128.82	37.56
b) Other Welfare Buildings	143.71	41.41
c) Others (Maintenance of School Bus/Ambulance)	25.72	28.01
Training Expenses		
a) Within Co.	11.03	6.72
b) Outside Co.	0.00	0.00
Depreciation on Social Overhead Assets (Ref : Sch-F/F1)	60.49	55.56
Family Planning Expenses	0.24	0.05
Uniforms / Stiching Charges	7.58	10.43
Other Benefits	67.00	56.81
Sub Total	1167.54	926.20
Less : Recoveries		
House Rent	9.00	11.20
Electricity	20.22	20.43
School bus Charges	1.51	1.42
	30.73	33.05
Balance :	1136.81	893.15

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MAR 2006

SCHEDULE - 9

POWER AND FUELS

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Purchased	321.71	314.87
Sub Total	321.71	314.87
Less : Transferred to		
Social Overhead Sch-8	151.89	148.08
Total	169.82	166.79

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MAR 2006**SCHEDULE -10****REPAIRS**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Office Building	100.90	65.69
Repair & maintenance Township/Residential Building	272.52	78.97
Plant & Machinery	82.40	99.95
Office equipment & Furniture	30.08	31.43
Vehicles	57.36	60.93
Repair & maintenance School bus/Ambulance	25.72	28.01
Others	2.49	1.97
 Sub Total	 571.47	 366.95
Less : Transferred to Social Overhead Sch-8	298.25	106.98
Less : Transferred to Misc. Expenses Sch-12	39.95	42.32
 Total	 233.27	 217.65

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MAR 2006**SCHEDULE -11****CONTRACTUAL EXPENSES**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Contractual Works		
Drilling - MECL	76.87	0.00
Drilling - Others	73.91	105.47
Coal testing	101.22	113.47
Remote Sensing etc.	5.24	53.51
 Total	 257.24	 272.45

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MAR 2006

SCHEDULE -12

MISCELLANEOUS EXPENSES

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Traveling		
In country	344.51	343.06
Outside country	22.71	11.19
Printing & Stationery	76.51	65.22
Postage	3.85	5.12
Telephone	44.77	40.35
Advertisement & Publicity		
i) Advertisement for :		
a) Tender	21.36	15.73
b) Others	0.87	0.05
ii) Publicity	8.94	2.84
Freight Charges	0.14	0.70
Subscriptions	8.89	5.95
Security Expenses	189.58	145.50
Hire Charges		
a) Computer	43.06	66.34
b) Others	100.30	73.63
Maintenance of Cars & Jeeps :		
i) Petrol & Diesels	55.55	50.75
ii) Repairs (From Schedule 10)	39.95	42.32
iv) Road Tax	17.34	25.73
v) Insurance	6.89	8.28
Legal Expenses	10.39	14.12
Bank Charges	15.42	12.41
Consultancy Charges (CIL subsidiaries & Other jobs)	226.41	239.99
Auditor's Remuneration		
As Auditor	0.93	0.91
Traveling & Out of Pocket Expenses	3.92	2.38
In other capacity - Tax Audit & others	0.31	0.43
Internal Audit Expenses	5.48	8.16
Rates & Taxes	26.55	23.26
Rent	28.34	35.01
Insurance	1.20	1.67
Lands/crops compensation	0.25	0.19
Others :		
Amortisation of Software Licensing fees	26.31	15.56
Conference & Seminar etc.	7.66	8.56
Tents & Hutmets	25.58	43.71
Shifting & Settling Exp.	23.12	21.60
Entertainment	0.04	0.11
R&D Expenses	3.12	0.00
Horticulture	5.50	3.82
Filing Fees	0.04	0.03
Other Expenses	13.06	16.43
Wealth Tax	0.08	0.10
Exchange Fluctuation	0.16	0.00
<hr/>	<hr/>	<hr/>
Total	1409.09	1351.21
<hr/>	<hr/>	<hr/>

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MAR 2006**SCHEDULE -13****INTEREST**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Coal India Limited Holding Co.	16.44	13.65
Interest on Retirement Pension Fund	4.12	7.19
Interest others	0.02	0.34
Total	20.58	21.18

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MAR 2006**SCHEDULE -14****PROVISIONS / WRITE - OFF**

	Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
Provision :		
Doubtful debts	106.22	11.49
Doubtful Advances	1.49	5.42
Obsolescence	0.00	0.00
Reduction in value of assets	0.00	0.00
Total	107.71	16.91

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2006

SCHEDULE-15

PRIOR PERIOD ADJUSTMENTS

	<u>CURRENT YEAR</u> (Rs in Lakh)	<u>PREVIOUS YEAR</u> (Rs in Lakh)
<u>DEBIT :</u>		
<u>Employees Remuneration & Benefits :</u>		
a) Salary, Wages & Allowances	10.72	1.68
b) Life Cover Scheme	0.10	0.25
c) Ex-gratia	1.68	12.50
	1.68	4.00
Repairs	1.27	0.00
Rates & Taxes	7.31	46.16
Rent	0.09	11.43
Depreciation	128.50	0.00
Consumption of Stores / Chemicals	3.26	0.00
Interest on Loan - CIL	2.81	0.00
Contractual Payments	2.01	0.00
Miscellaneous Expenses	10.33	0.00
TOTAL DEBIT	168.08	63.52
<u>CREDIT :</u>		
<u>Employees Remuneration & Benefits :</u>		
a) Salary, Wages & Allowances	15.24	0.00
b) Life Cover Scheme	0.00	0.00
c) Ex-gratia	0.00	15.24
Director's T.A.	0.28	0.00
Rent	8.50	0.00
Repair	6.18	27.59
Misc.Expenditure	0.52	5.68
Other Receipts	0.00	0.21
Power & Fuel	11.72	11.55
Consumption of stores & Spares	1.49	0.65
Contractual Payments	2.49	0.44
<u>Interest :</u>		
a) Income Tax	0.00	0.44
b) Others	0.01	0.00
Sale of Services	11.75	16.58
TOTAL CREDIT	58.18	63.14
NET CREDIT (-)/DEBIT (+)	109.90	0.38

SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MAR 2006

SCHEDULE -16

EXTRAORDINARY ITEMS

Current Year (Rs. in Lakh)	Previous Year (Rs. in Lakh)
--------------------------------------	---------------------------------------

Nil	Nil
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SCHEDULE – 17
ACCOUNTING POLICY FOR 2005-06

1.0 ACCOUNTING CONVENTION

Financial statements are prepared consistently on the basis of historical cost and on accrual basis following going concern concept, Accounting Standards and generally accepted accounting principles and practices except otherwise stated elsewhere.

2.0 BASIS OF ACCOUNTING :

All expenses and incomes, if material, are booked initially in natural heads of accounts and then transferred to functional heads of accounts wherever required.

3.0 SUBSIDIES/GRANTS FROM GOVERNMENT :

- 3.1 Subsidies/Grants on Capital Account are deducted from cost of respective asset to which they relate. The unspent amount at the year end, if any, is shown as Current Liability.
- 3.2 Subsidies/Grants on Revenue Account are credited to Profit & Loss Account under the head of other Receipts and the expenses are debited to respective heads.
- 3.3 Grant/Funds received under S&T, PRE, EMSC, CCDA etc as an implementing agency and used for creation of assets are treated as Capital Reserve and depreciation thereon is debited to Capital Reserve Account. The ownership of the asset created through grants lies with the authority from whom the grant is received.
- 3.4 Grant/Fund received as Nodal/Implementing Agency directly or through CIL are accounted for on the basis of receipts and disbursement.

4.0 FIXED ASSET :

4.1 Land

Land includes cost of acquisition including incidental expenses incurred thereon.

4.2 Buildings

Buildings include cost of lifts, electrical fittings, water supply arrangements, sanitary fittings etc. which were part of construction contract and could not be segregated. Expenditures like partition, modification etc. and area development in township are being charged to Revenue as Repairs and Maintenance Expenses.

4.3 Plant & Machinery

4.3.1 Plant & Machinery include cost & expenses incurred for erection / installation and other attributable costs of bringing those assets to working condition for their intended use. Insurance spares supplied along with the machine are capitalized with the machine.

4.3.2 Software are amortized in three years.

5.0 INVESTMENTS :

Long Term Investments, if any, are valued at cost.

6.0 INVENTORIES :

6.1 Stock of stores & spares at Central Drilling Stores, Barkakana are valued at cost calculated on the basis of weighted average method. Stores issued to Drilling Camps/Sites are charged off. The year end inventory of stores & spare parts lying at camps/sites/sub-stores initially charged off, are valued at issue prices. Consumables are valued at purchase prices.

6.2 Stores & spare parts include loose tools.

6.3 Provisions are made at the rate of 100% for unserviceable, damaged and obsolete stores and 50% for stores & spares not moved for 5 years or more except insurance items.

6.4 Stock of Stationery and Medicine are not considered in Inventory.

7.0 DEPRECIATION :

- 7.1 Depreciation on Fixed Asset is provided on straight line method at the rates specified in Schedule-XIV to the Companies Act, 1956 (as amended) except in some special cases. Depreciation on the assets added/disposed of during the year is provided on pro-rata basis with reference to the month of addition/disposal.
- 7.2 Value of lease-hold land is amortized within the lease period.
- 7.3 Assets whose actual cost does not exceed Rs. 5000/- are depreciated at 100% leaving a token value of Rs. 1/- for each of such assets.

8.0 BALANCE WITH COAL INDIA LTD. (HOLDING COMPANY):
Amount due to Coal India Limited on account of Loan after adjustment for conversion to equity or vice-versa from time to time is shown as Unsecured Loan. Amount due/receivable for revenue nature transaction in Current Account is shown under Current Liability/Current Asset.

9.0 INTEREST TO HOLDING COMPANY :

Interest on Loan from Coal India Limited (Holding Company) is accounted for as per advice from them.

10.0 RETIREMENT BENEFITS TO EMPLOYEES :

- 10.1 The liabilities on account for gratuity and leave encashment benefits payable on retirement to employees is determined and provided for on the basis of actuarial valuation.
- 10.2 Provident Fund and Retirement Pension Scheme liabilities are accounted for on accrual basis and transferred to authorities in appropriate cases.

11.0 REVENUE RECOGNITION :

- 11.1 Services rendered to CIL Subsidiaries for P&D and Exploration are billed on Cost Plus Basis except in cases covered in item 11.4 below. Unit of cost for the purpose is taken as :
 - (i) For Exploration Services - Drilling Meterage
 - (ii) For Planning & Design Services - Engineering Days

- 11.2 Effects for errors and omissions up to 0.2% of the expenditure/income for the year detected after the accounts are submitted to the Audit Committee/Board of Directors will be accounted for during the year without revising the selling rate.
- 11.3 Billing on CIL Subsidiaries is done during the year at budgeted rates. Final Bills of differential amounts are raised for that particular year on finalization of accounts.
- 11.4 Other miscellaneous jobs are billed on cost/cost plus basis or on mutually agreed rates as the case may be.
- 11.5 Sales shown in accounts are exclusive of service tax.
- 11.6 In the case of consultancy contracts with parties other than CIL Subsidiaries, revenue is recognized at proportionate contract value based on the percentage of work done or amount realizable, whichever is lower.

12.0 TRANSACTIONS IN FOREIGN EXCHANGE :

- 12.1 Expenses during the year in foreign currencies are converted/translated at the prevailing rate and sales are booked at the rate prevailing at the time of billing. Outstanding items at the end of the year are converted at the year end rate.
- 12.2 Current Assets & Liabilities in Foreign Currencies are converted/translated at year end exchange rates and the loss/gain on conversion/translation, if any, is recognized in the year.

13.0 CHANGE IN ACCOUNTING POLICIES

Any change in Accounting Policy which has a material effect on financial statements for the current year is disclosed in Notes on Accounts (Schedule - 18).

SCHEDULE - 18
NOTES ON ACCOUNTS FOR 2005-06

1.0 FIXED ASSETS & DEPRECIATION

1.1 Fixed Assets

- 1.1.1 Legal transfer of assets and liabilities from the Holding Company, Coal India Limited (CIL) on its reorganisation on 01/11/1975 is yet to be effected.
- 1.1.2 There are certain assets taken over from erstwhile NCDC/Coal Board, the value of which could not be linked up. An amount of Rs. 4.80 lakhs realised on disposal of old assets received from erstwhile NCDC and Coal Board could also not be linked up with the acquisition value. Pending adjustment the amount is lying credited to Sale of Assets Suspense Account.
- 1.1.3 The Company has got constructed houses and office complex in BCCL Township in Dhanbad (Rs. 444.31 lakhs), NCL Township in Singrauli (Rs. 386.12 lakhs) and CCL Township in Rajrappa (Rs. 214.44 lakhs) on the land belonging to other subsidiaries of the Holding Company.
- 1.1.4 Testing for impairment of Assets in compliance of Accounting Standard 28 has been done estimating value in use on the basis of estimated future cash flows (budgetary estimates) and taking 7 % discounting rate as per CIL Guidelines and found that there has been no impairment losses.
- 1.1.5 CPTI Office Building at Rajrappa not in use at present is likely to be utilised gainfully in future.

1.2 Depreciation

1.2.1 Special Rates

- 1.2.2 The Earth Science Museum: 5.15 %.
- 1.2.3 All Plants & Equipment at Drilling sites; Scanner, Equipment and instruments used in the Laboratories for analysis work and all models of photocopiers : 11.31 %
- 1.2.4. High Volume Samplers and Respiratory Dust .
 - Samplers : 33.33 %
 - Telecom : 15.83 %
- 1.2.5 Lifts etc. forming part of Building to the extent not segregable, at rates prescribed for buildings.

1.2.6 Buildings constructed on leasehold land and land belonging to other subsidiaries of CIL : at the rate applicable to buildings on freehold land.

2.0 STOCK OF STORES & SPARE PARTS

2.1 Machine-specific spares are capitalized along with the machines .There are no spares being machine- specific and of infrequent use which are to be capitalized in terms of Accounting Standard (AS) 2 read with AS 10.

2.2 The provision for non-moving items have been reduced by Rs. 3.63 Lakhs from Rs 43.79 Lakhs to Rs 40.16 Lakhs on account of issues from non moving stores.

3.0 LOANS & ADVANCES / DEBTORS

3.1. Current Accounts and Sundry Debtors Accounts with CIL Subsidiaries

3.1.1 Reconciliation of inter-company transactions in Current Accounts with other Subsidiaries of CIL has been carried out upto 31/3/2006. The agreed Current Account balances with the CIL Subsidiaries as on 31/3/2006 were transferred to CIL Current Account in the month of April, 2006. Subsequently, if during the course of audit or otherwise any debit/credit advice received/sent from/to the Subsidiaries with respect to the periods upto 31/3/2006 is charged to Subsidiary Suspense Account.

3.1.2 Sundry Debtors include Rs.9231.40 lakhs due from CIL Subsidiaries. Since 01/4/1993 the system of acceptances of bills by CIL Subsidiaries has been introduced for adjustment of accounts with CIL. Balances upto 01/4/1993 amounting to Rs. 69.11 lakhs in total is under reconciliation . Acceptances of bills are regularly monitored. No provision is considered necessary for outstanding bills of companies under the same management barring a few specific cases .

3.1.3 Letters have been issued to Debtors other than CIL subsidiaries to obtain confirmation of balances reply to which is awaited. Confirmation of balances of Sundry Creditors, various Loan and Advances, Deposit, etc. as on 31/03/2006 has not been obtained.

3.2. Others

3.2.1 Income tax advance of Rs. 1594.46 lakhs includes Fringe Benefit Tax of Rs. 77.00 lakhs and payments under protest against assessments for the years upto Assessment Year 2003-04. Income tax provision of Rs 1122.87 lakhs includes provision relating to Assessment for the years upto Assessment Year 2006-07.

4.0 CURRENT LIABILITIES & PROVISIONS

4.1. Current Accounts with CIL and its Offices

4.1.1. Reconciliation of Current Accounts with CIL and its offices as well as of CIL Loan Account is done regularly, but it is not known if all the items appearing in

Reconciliation Statement are accounted for by CIL within the year. Loan Account and Current Account balances as on 31.03.2006 have been reconciled.

4.2. Liabilities under Coal Mines Pension Scheme

- 4.2.1 Current Liabilities include Rs. 37.27 lakhs deductions which could not be remitted due to certain employees being non-CMPF members and deceased CMPF members not yet opted for pension and for deductions in March, 2006 but remitted in April, 2006.
- 4.2.2 There is also a liability for Rs. 42.84 lakhs payable to the Scheme being the additional increments granted by the Company w.e.f. 01/7/1995.
- 4.2.3 The above amounts of liabilities are inclusive of interest at the rate applicable to CMPF.
- 4.2.4 As against these liabilities Rs 54.13 lakhs is held in Fixed Deposits with Bank.

4.3 Others

- 4.3.1. The liability for contractual drilling is provided on the basis of 100% value of meterage drilled during the year less payments made against such drilling.
- 4.3.2. Provision of Rs. 2530.81 lakhs (Rs 129.08 lakhs in the current year and Rs 2401.73 lakhs in the previous year) made in respect of arrear salary payable to non-executives on account of wages / pay revision w.e.f 01.07.2001 to 30.06.2005 under NCWA VII is included in employees remuneration and benefits under current liabilities and provisions.
- 4.3.3. Gratuity for the year has been considered at incremental liability plus gratuity actually accruing in the year as per the recommendation of the actuary.
- 4.3.4. Sundry Creditors include amounts due to Small Scale Industrial Undertakings. The names of the Undertakings where such dues exceeds Rs. 1.00 lakh which is outstanding for more than 30 (thirty) days as on 31/03/2006 are :

(Rs. In Lakhs)

1.	M/s. Sree Nath Engg. Co.	5.29
2.	M/s. Diamet Enterprises (India) Pvt. Ltd.	7.37
3.	M/s. Saroff Rubber Industries	3.54
4.	M/s. Bharat Wire Ropes	2.95

5.0. THEFT & SNATCHING CASES

Theft cases involving an amount of Rs 2.59 lakhs (Previous Year 3.06 lakhs) have been reported during the year. Most of the items covered under the reported thefts are charged off items and as such provision against such losses in the accounts has not been made.

6.0 DIRECTORS' REMUNERATION

	Rs in lakh	Current Year <u>2005-2006</u>	Previous Year <u>2004-05</u>
(i) Salary & Allowances including LTC/Leave Encashment	21.07	22.21	
(ii) Provident Fund	2.20	2.17	
(iii) Medical Expenses	1.47	2.12	
(iv) Value of Perquisites	0.04	0.18	
(v) Gratuity Paid	7.00	7.00	

7.0 EARNINGS, EXPENDITURE ETC. IN FOREIGN CURRENCY

7.1 Expenditure in Foreign Currency

	Rs in lakh	Current Year <u>2005-2006</u>	Previous Year <u>2004-2005</u>
(i) Foreign training /tour, books & others	11.93	9.32	
(ii) Consultancy fee	0.00	0.00	
TOTAL	11.93	9.32	

7.2 Value of Imports Calculated on CIF Basis.

	Rs in lakh	Current Year <u>2005-2006</u>	Previous Year <u>2004-2005</u>
(i) Capital Goods	202.11	3.92	
(ii) Spares & Components	0.00	0.00	
TOTAL	202.11	3.92	

7.3 Earnings in Foreign Exchange.

	Rs. in Lakh	Current Year <u>2005-06</u>	Previous year <u>2004-05</u>
Professional Fees	15.48	NIL	

7.4 Value of imported and indigenous stores and spare parts consumed and percentage thereof to the total consumption

(Rs. in Lakh)

	Current Year <u>2005-06</u>		Previous year <u>2004-05</u>	
	Value	Percentage	Value	Per centage
Imported	0.06	0.01	0.88	0.12
Indigenous	737.91	99.99	714.71	99.88
Total	737.97	100.00	715.59	100.00

8.0 OFFICE BUILDING (PART) HANDED OVER TO GOVERNMENT :

Part of an Office Building at Ranchi has been occupied by the Government of Jharkhand with effect from 04/12/2000. The claim towards rent receivable as on 31/03/2006 is Rs. 16.17 lakhs. (Previous year Rs. 40.83 lakhs)

9.0 CONTINGENT LIABILITY

9.1 Claims against the Company not acknowledged as debt

9.1.1 Income tax matters : In respect of completed assessment pending in appeal Rs 234.45 Lakhs (Previous Year Rs .404.61 lakhs).

9.1.2 Service tax matters : In respect of completed assessment pending in appeal Rs. 40.24 lakhs (Previous Year Rs. 40.24 lakh) .

9.1.3. Other disputed claims pending in the courts and not provided for amount to Rs.695.94 lakhs (Previous Year Rs. 1474.17 lakhs).

9.1.4. LC opened pending maturity during the year Rs 5.73 lakhs (Previous year Rs 124.41 lakhs).

9.2 Other matters

9.2.1 There are certain suits pending in courts arising out of industrial and other disputes. The quantum of contingent liability in this regard could not be ascertained.

9.2.2 There is counter guarantee of Rs.28.32 Lakhs (Previous Year Rs. 28.16 Lakhs) issued by the Company in favour of Bank for issuing Bank Guarantee on behalf of the Company.

10.0 CAPITAL COMMITMENT

Estimated value of contracts remaining to be executed on capital account and not provided for amounts to Rs.94.98 lakhs (previous year Rs 303.82 lakhs).

11.0 DEFERRED TAX

As per Accounting Standard (AS - 22) on Accounting for taxes on Income issued by the Institute of Chartered Accountants of India, the provision for deferred tax assets and liabilities as at 31.03.2006 has been computed at Rs. 1763.40 Lakhs and Rs. 621.78 lakhs respectively. Net Deferred tax as at 31/03/2006 comprises of the following :

		<u>(Rs in lakhs)</u>
A.	Deferred tax Asset	
	VRS	30.25
	Provision for obsolescence/non moving	30.12
	Provision for doubtful debts	52.76
	Provision for Leave Encashment	<u>1650.27</u>
	Gatuity,VRS	1763.40
B	Deferred Tax Liability	
	Difference in WDV of assets	620.96
	Difference in WDV of the Software	<u>0.82</u>
C	Deferred Tax Asset (Net)	1141.62

12.0 WRITE BACK

- 12.1 Stale cheques ,which are more than three years old at the end of the financial year, are written back except in certain cases
- 12.2 Earnest Money and Security Deposit which are more than five years old at the end of the financial year are written back except certain cases involving Court cases etc.

13.0 PRIVATE COMPANY

The Company was incorporated as a Private Limited Company and the word Private was omitted Vide Notification no. GSR 1234 , dated December 30,1958

14.0 PREVIOUS YEAR'S FIGURES

Previous Year's figures have been re-arranged / re-grouped / re-classified wherever necessary to make them comparable with those of the Current Year.

Signatures to Schedules A to P for Balance Sheet, Schedules 1 to 16 for Profit & Loss Account and Schedules 17 & 18 for Accounting Policy and Notes on Accounts.

Udayan Chakrabarti A.K.Soni S. Chakrabarti S Chaudhuri
Company Secretary HOD (F) Director Chairman-Cum-Managing Director

In terms of our report of even date attached

For U.Narain & Co
Chartered Accountants

Rajesh Srivastava
(Partner)

Camp : Ranchi
Dated : 23rd June , 2006

Segment-wise Profit Annexed to Profit & Loss Account
for the Year ended 31st March 2006

RS. IN LAKH

Sl.No.	Particulars	P & D	EXPLORATION	ENVIRONMENT	COMMON	TOTAL
	<u>Segment- wise Income :-</u>					
1	Segment- wise sale of sevices	6723.87	7064.51	790.30		14578.68
2	Segment- wise Misc. Income	299.00	85.17	20.20		404.37
3	Segmentwise total Income (1 + 2)	7022.87	7149.68	810.50		14983.05
	<u>Segment- wise Expenditures :-</u>					
4	Salaries & Wages	3658.63	3734.03	427.83	2376.65	10197.14
5	Other Expenses	1307.50	1761.78	147.60	936.31	4153.19
6	Total Expenditure (incl Dep. but excl. Interest , PP adj. and Provisions) (4+5)	4966.13	5495.81	575.43	3312.96	14350.33
7	Share of Common cost	1624.87	1513.01	175.08	-3312.96	
8	Total Expenses with share of Common Cost (6 + 7)	6591.00	7008.82	750.51		14350.33
9	Segment-wise Profit (+) / Loss (-) before Interest , PP Adj.& Tax (3 - 8)	431.87	140.86	59.99		632.72
10	Interest	11.42	8.34	0.82		20.58
11	PP Adjustments Credit (-)/ Debit (+)	136.23	-30.04	3.72		109.91
12	Segment-wise Profit (+) / Loss (-) before Tax & Provisions (9-10-11)	284.22	162.56	55.45		502.23
13	Provisions					107.71
14	Net Profit (+) / Loss (-) Before Tax (12-13)					394.52
15	Provision For Taxation					300.00
16	Provision For Taxation - Frindge Benefit					86.00
17	Provision For Deferred Tax					-133.67
18	Net Profit after Tax (+) / Loss (-) (14 -15 -16 -17)					142.19

CENTRAL MINE PLANNING AND DESIGN INSTITUTE

CASH FLOW STATEMENT FOR THE YEAR ENDING 31ST MARCH 2006

PARTICULARS	Amount in Rs. Lakh	
	2005-06	2004-05
CASH FLOW FROM OPERATING ACTIVITIES		
Net Profit before taxation and extraordinary Items	504	173
PP Adj (Dr)	- 110	0
Decrease in Misc Exp not Written off	+ 92	
Adjusted Net Profit	395	265
Adjustments for :-		
Depreciation	+ 541	399
Amortisation of Intangible Assets	+ 23	
Foreign Exchange Fluctuation Loss	+ 0	
Interest Income	- 25	30
Interest Expenses	+ 21	21
Operating Profit before Working Capital Changes	954	655
Increase in Sundry Debtors	- 890	
Decrease in Sundry Debtors	+ 403	
Increase in Loans & Advances	- 16	
(Excl Income Tax & Wealth Tax)		
Decrease in Loans & Advances	+ 29	
(Excl Income Tax & Wealth Tax)		
Increase in Other Current Assets	- 25	
Decrease in Other Current Assets	+ 75	
Increase In Inventories	- 72	
Decrease In Inventories	+ 4	
Increase in Sundry Creditors	+ 174	559
(Current Liab & Prov excl. Income Tax & Wealth Tax)		
Cash Generated From Operation	1639	212

Continued.....

CASH FLOW STATEMENT FOR THE YEAR ENDING 31ST MARCH 2006 (continued....)

	Amount in Rs. Lakh	
	2005-06	2004-05
Cash Generated From Operation	1639	212
Income Tax Paid	-	539
Wealth Tax Paid	-	0
Cash Flow before Extraordinary Items	1100	-584
Proceeds from Earthquake disaster settlement		
Net cash from Operating Activities	1100	-584
CASH FLOW FROM INVESTING ACTIVITIES		
Purchase of Fixed Assets (incl.WIP)	-	624
Interest Received	+	25
Net cash from Investing Activities	-598	-172
CASH FLOW FROM FINANCING ACTIVITIES		
Proceeds from Long-term borrowings	+	3
Decrease in Long-term borrowings	-	4
Govt Grants	+	-37
Foreign Exchange Fluctuation Loss	-	0
Interest Paid	-	21
Dividend Paid	-	21
Net cash from Financing Activities	-55	-100
NET INCREASE / DECREASE IN CASH & CASH EQUIVALENTS	447	-855
ADD : CASH & CASH EQUIVALENTS AT THE BEGINING OF THE PERIOD	2441	3296
CASH & CASH EQUIVALENTS AT THE END OF THE PERIOD	2888	2441

IV. Performance of Company (Amount in Rs '000)

Turnover							Total Expenditure							
1	4	5	7	8	6	8	1	4	1	8	4	1	6	
+ / -	Profit/Loss before Tax							+ / -	Profit/Loss after Tax					
+ / -		3	9	4	5	2	+ / -			8	5	2		
(+ for Profit , - for Loss)							* Profit after Tax is exclusive of deferred Tax.							
Earning per share in Rs.							Dividend							
					4				N	A				

V. Generic Names of three Principal Products/Services of Company

(As per monetary terms)

Item Code No.

(ITC Code)

N	O	T		A	V	A	I	L	A	B	L	E
---	---	---	--	---	---	---	---	---	---	---	---	---

Product

Description

M	I	N	E		P	L	A	N	N	I	N	G	&		
										D	E	S	I	G	N

Item Code No.

(ITC Code)

N	O	T		A	V	A	I	L	A	B	L	E
---	---	---	--	---	---	---	---	---	---	---	---	---

Product

Description

G	E	O	L	O	G	Y		&		D	R	I	L	L	-
													I	N	G

Item Code No.

(ITC Code)

N	O	T		A	V	A	I	L	A	B	L	E
---	---	---	--	---	---	---	---	---	---	---	---	---

Product

Description

N	A	T	U	R	A	L		R	E	S	O	U	R	C	E
M	A	N	A	G	E	M	E	N	T		A	N	D		
F	I	E	L	D		S	E	R	V	I	C	E	S		

Signed for Schedules A to P and 1 to 18.

Udayan Chakrabarti
Company Secretary

A. K. Soni
H. O. D. (Finance)

S. Chakrabarti
Director

S. Chaudhuri
Chairman - cum -
Managing Director

ANNEXURE FORMING PART OF DIRECTORS' REPORT FOR THE YEAR ENDED
 31.03.2006 INFORMATION AS PER SECTION 217(2A) OF THE COMPANIES ACT,
 1956 READ WITH COMPANIES (PARTICULARS OF EMPLOYEES) RULES 1988.

Sl. No.	Name	Designation / Nature of work	Remuneration During the year (Rs.)	Nature of employment Permanent / temporary	Qualifi- cation	Exper- ience (yrs.)	Date of commen- cement	As on 31 st Mar 2006 (Yrs)	Last employ- ment held
1	2	3	4	5	6	7	8	9	10

(a) Employed through out the financial year under review and were in receipt of remuneration for that financial year in the aggregate of not less than Rs. 24,00,000/-.

-----Nil-----

(b) Employed for the part of the financial year under review and were in receipt of remuneration for any part of that financial year at a rate which in the aggregate was not less than Rs. 2,00,000/- per month.

----- Nil -----