

**GOVERNMENT OF INDIA
COAL
LOK SABHA**

STARRED QUESTION NO:146
ANSWERED ON:30.07.2015
Mapping of Coalfields
Mahajan Smt. Poonam

Will the Minister of COAL be pleased to state:

- (a) the details of consultancy services including geospatial services being provided by the Central Mine Planning and Design Institute (CMPDI);
- (b) whether CMPDI has executed projects for various clients related to vegetation cover mapping of coalfields in various parts of the country;
- (c) if so, the details thereof including the details of such projects executed during each of the last three years and the current year, client-wise;
- (d) the revenue earned by CMPDI for its services rendered during the said period; and
- (e) whether CMPDI has taken initiative for evolving spatial database about the coal resources/mines of the country and if so, the details thereof?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF COAL, POWER AND NEW AND RENEWABLE ENERGY
(SHRI PIYUSH GOYAL)

(a) to (e): A statement is laid on the Table of the House.

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Statement referred in parts (a) to (e) of the reply to
Lok Sabha Starred Question No.146 for 30.07.2015

(a): Central Mine Planning and Design Institute (CMPDI) provides consultancy services in the following areas:

- (i) Mineral Exploration and Resource Evaluation.
- (ii) Mine Planning and Design services.
- (iii) Geomatics services including Remote Sensing, Global Information System (GIS) and Surveying.
- (iv) Environmental services.
- (v) Coal Beneficiation.
- (vi) Engineering services.
- (vii) Laboratory services.
- (viii) Information & Communication Technology (ICT)
- (ix) Specialized services like Blasting, Non Destructive Testing (NDT), Energy Audit and Benchmarking, Gas Survey, Coal Bed Methane (CBM), Coal Mine Methane (CMM) etc.

(b): Vegetation cover mapping of major coalfields of India has been taken up by CMPDI in three phases at a regular interval of three years based on remote sensing satellite data.

(c): During last three years, vegetation cover mapping was executed for the following coal mining projects:

Year Coalfield Client
2012-13 Karanpura Central Coalfields Ltd.
East Bokaro
West Bokaro
Singrauli Northern Coalfields Ltd.
Korba South Eastern Coalfields Ltd.
Bander Western Coalfields Ltd.
2013-14 Jharia Bharat Coking Coal Ltd.
Talcher Mahanadi Coalfields Ltd.
Bisrampur South Eastern Coalfields Ltd.
Wardha Valley Western Coalfields Ltd.
Kamptee
Makum North Eastern Coalfield

2014-15 Rajmahal Eastern Coalfields Ltd.
Raniganj
Ib Valley Mahanadi Coalfields Ltd.
Mand-Raigarh South Eastern Coalfields Ltd.
Sohagpur
Umrer Western Coalfields Ltd.
Pench-Kanhan
2015-16
(Current Year) Karanpura Central Coalfields Ltd.
East Bokaro
West Bokaro
Singrauli Northern Coalfields Ltd.
Korba South Eastern Coalfields Ltd.
Bander Western Coalfields Ltd.

(d): Revenue earned by CMPDI for Geospatial services provided to different clients during the last three years is as follows:

Year Amount (in crore)

2012-13 15.37

2013-14 19.61

2014-15 23.30

(e): CMPDI has taken initiative for development of an Integrated Coal Resources Information System (ICRIS) for creating the coal resources database on web-based GIS platform. Initiative has also been taken to develop GIS based Land Information System (LIS) and Land Acquisition Monitoring System (LAMS) for all the present and future coal mining projects for rapid land acquisition and its effective monitoring.

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