

**GOVERNMENT OF INDIA  
COAL  
LOK SABHA**

UNSTARRED QUESTION NO:1291  
ANSWERED ON:13.08.2013  
MODERNISATION OF MINING OPERATION .  
Biswal Shri Hemanand

**Will the Minister of COAL be pleased to state:**

(a) whether the Government/ Coal India Limited has any proposal to modernize mining operation in the Coalfields owned by the CIL and its subsidiaries including Mahanadi Coalfield Limited; and

(b) if so, the details thereof?

**Answer**

MINISTER OF STATE FOR COAL (SHRI PRATIK PRAKASHBAPU PATIL)

(a)&(b): Coal India Limited (CIL) has adopted modern technologies for coal mining, both for open cast and underground mines. In open cast mines, CIL uses among others, 42 Cu m shovel, 240 Tonne dumper, 381 mm drill, 800 HP Dozer, 500 HP Motor Grader, 60 KL Water Sprinkler, surface miner besides the already existing high capacity HEMMs. In underground mines long-wall technology, continuous miner, high wall mining technology besides the semi-mechanised technology are being used. Moreover, CIL has proposed to further modernize mining operations in its mines including MCL.

A Committee has been constituted to look after the issues for technology up-gradation and modernization of CIL through hiring of international Consultants. An Expression of Interest (Eoi) was floated in the websites of Central Mine Planning and Design Institute Limited (CMPDI), Coal India Ltd. and Ministry of Coal for inviting proposals from international Consultancy firms / Organizations for Technology Development and Modernization of Mines of CIL.

Altogether, fourteen (14) International Consultancy Firms/Organizations having experience in consultancy services for coal mining activities have responded. Examination of these responses has not been completed.