

**Ministry of Coal**

**Demand No. 9**

**1. Exploration of Coal and Lignite (CS)**

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
330	1. Promotional (Regional) exploration	1.1. Length of drilling (in lakh meters) with 2D/3D Seismic Survey	4	1. New resource to be added	1.1. Addition of new resource (in billion tonnes)	3
	2. Detailed Exploration	2.1. Length of drilling (in lakh meters)	6.8	2. Resource to be added in Proven category	2.1. Proven reserves added in Billion tonnes	5

**2. Research and Development (R&D) (CS)**

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOMES 2021-22		
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators
35	1. Research Project sanctioned and initiated in the new Thrust areas	1.1. No. of research projects sanctioned	4	1. Solutions provided from R&D projects successfully adopted	1.1. No. of new technological innovations adopted in Coal Industry	1
		1.2. No. of on-going research projects completed	3			
		1.1.				
		1.2.				

### 3. Conservation, Safety and Infrastructural Development in Coal Mines (CS)

FINANCIAL OUTLAY (Rs in Cr)	OUTPUTS 2021-22			OUTCOME 2021-22			
	2021-22	Output	Indicators	Targets 2021-22	Outcome	Indicators	Targets 2021-22
261	<b>a. Conservation and Safety in Coal Mines</b>						
	1.	Protective works taken in mines	1.1. No. of mines where protective works taken up	5	1. Improvement in Safety	1.1. Protection of surface features (Nos)	5
	2.	Installation of telemonitoring system in UG mines	1. 2. 2.1. No. of degree 3 mines where Tele-monitoring systems installed	2		1.2. No of persons benefitted	100
	3.	Installation of Electrical winders in UG mines	3. 3.1. No. of mines where electrical winders are installed	5	3. Improvement in working condition	2.1. No of Miners benefitted	4000
	4.	Installation of Man-riding system	4. 4.1. No. of mines where Man-riding systems installed	10			
	<b>b. Development of transport infrastructure in coalfields</b>						
	1.	Road construction	1.1. Length of road constructed (in Km)	5	1. Enhanced coal evacuation	1.1. Increase in coal evacuation (in Million Tonnes)	Target not amenable <sup>1</sup>
	2.	Rail line construction	2.1. Length of Rail line constructed (in Km)	10			

<sup>1</sup> Can be quantified only after completion of project

c. <b>Implementation of Jharia and Raniganj Masterplan</b>					
1. Relocation of affected Population	1.1. No of Houses constructed for affected families in Jharia by JRDA	Target not amenable	1. Rehabilitation of families in Jharia and Raniganj	1.1. No of BCCL families Rehabilitated in Jharia	Target not amenable
	1.2. No of Houses constructed for Affected families in Raniganj by housing dept of WB	Target not amenable		1.2. No of Non-BCCL Families rehabilitated in Jharia	Target not amenable
	1.3. No of houses constructed by BCCL	Target not amenable		1.3. No of families Rehabilitated in Raniganj	Target not amenable
2. Dealing with fire in Jharia	2.1. Reduction in areas affected by fire	Target not amenable	2. Reduction in areas affected by fire	2.1. Dousing of fire (No of sites)	Target not amenable