

# PUBLIC CONSULTATION DOCUMENT & SUMMARY OF EIA/EMP OF

# **GEVRA OC EXPANSION PROJECT**

(Gevra Area, SECL)

Villages: Gevra, Mangaon, Ghatmuda, Dhurena, Dipka,Junadih, Bareli, Binjhara, Beltikiri, Jhingatpur, Pondi,Kusmunda,Amgaon, Ralia, Bahanpat, Bhatora, Bhilai-Bazar, Naraibodh,Khodari, Churail, Salora, Pandharipani & Barbhata

Tehsil: Katghora; District: Korba; State: Chhattisgarh

Capacity: Expansion from 52.5 to 70 MTPA Area: Increase from 4184.486 ha to 4781.798 ha

(Based on ToR granted vide J-11015/85/2010-IA II (M) dt 07.03.22 and Amendment dated 09.01.23)

# Project Proponent: South Eastern Coalfields Limited

Seepat Road, Bilaspur, Chhattisgarh -495006 (A Mini Ratna Company)

January- 2023

## Prepared by: Central Mine Planning & Design Institute Limited (CMPDIL)

Kanke Road, Ranchi, Jharkhand-834031 (A Mini Ratna Company & A Subsidiary of Coal India Ltd) NABET accreditation certificate no. NABET/EIA/2124/RA 0258 valid till 22.08.24 Lab Services Provided by-M/s Go Green Mechanisms Pvt. Ltd., Ahmedabad (NABL& MOEFCC Accredited) (For Air/Water/Noise and Soil), Baseline Period- March- May, 2022

## **EXECUTIVE SUMMARY OF DRAFT EIA/EMP**

## **GEVRA OPENCAST EXPANSION PROJECT (52.5 TO 70 MTPA)**

## **1.0 PURPOSE OF THE REPORT**

To obtain Environmental clearance (EC) for Gevra OC Expansion project from 52.5 to 70 MTPA and increase in area from 4184.486 ha to 4781.798 as required under EIA Notification, 2006 based on the TOR issued to the project vide file no. J-11015/85/2010-IA II (M) dt 07.03.22 and amendment dated 09.01.23.

## **1.1 Project Description**

Gevra Opencast Coal Mine is a running mine with a capacity of 52.5 MTPA.

S.			Details			
No						
1	Name of Project		Gevra Opencast Expansion Project			
2	Name of the propon	ont	South Eastern Coalfields Limited (SECL)			
3	Legal Status of	cint	Subsidiary of Coal India Limited (SLCL)			
5	e					
	company		India Undertaking, A Mini Ratna Company			
4	Mailing address		Office of the General Manager			
			South Eastern Coalfields Limited, Gevra Area			
			PO: Gevra Project,			
			Korba district, Chhattisgarh, Pin-495452			
5	E-mail		gmgvr.secl@coalindia.in			
6	Telephone		07815-275430; 07815-275030			
7	Fax No		07815-275434			
	Brief Des	cripti	on of the nature and size of the Project			
1	Nature	Oper	ncast Coal Mining			
2	Size	Exis	ting: 52.5 MTPA in area 4184.486 ha			
		Prop	<b>bosed :</b> Expansion from 52.5 to 70 MTPA and increase in			
		area	ea from 4184.486 to 4781.798 ha			
3	Category of Project	А				
4	Type of Proposal	Expa	unsion under EIA Notification,2006			
L	-					

Table 1.2 Location details of the project

S. No	Particulars	Details
1		Gevra, Mangaon, Ghatmuda, Dhurena, Dipka,
		Junadih, Bareli, Binjhara, Beltikiri, Jhingatpur,
	Village	Pondi, Kusmunda, Amgaon, Ralia, Bahanpat,
		Bhatora, Bhilai-Bazar, Naraibodh, Khodari,
		Churail, Salora, Pandharipani & Barbhata
2	Tehsil	Katghora
3	District	Korba
4	State	Chhattisgarh
5	Latitudes	N 22°18'00" to N 22°21'42"
6	Longitudes	E 82°32'00" to E 82°39'30"
7	Topo-sheet No.	64 J/11

a.	Period of From (DD				meenon				: 0	)1/03/	2022
	To (DD/M		,							30/05/	
b.	,		· ·	non	soon / Pa	net_moneo	on / Wi	ntor)		Summ	-
ю. с.	Season (Summer / Pre-monsoon / Post-monsoon / Winter)No. of Ambient Air Quality (AAQ) Monitoring Locations							·		12	
d.	Details of			-	(111(2))		5 Loca		•		
	iteria Pollut	~	Unit	0	Maxim	um Mini	mum	98	T	Prescr	ibad
	nena i onut	ants	Ullit		Value		llue	Percentile Value		Stand	
PN	<b>I</b> <sub>10</sub>		μg/m <sup>3</sup>		123.1	42	2.0	123.1	_	30	)0
PM	<b>I</b> <sub>2.5</sub>		$\mu g/m^3$		69.8	21	1.8	69.8		N	A
SO	2		$\mu g/m^3$		31.1	10	).0	31.1		12	20
NC			$\mu g/m^3$		44.4		3.4	44.4		12	20
e.	No. of Gro	ound V	Vater M	Ioni	toring L	ocations				:	08
f.	Details of	Groun	d Wate	er M	onitorin	g					
Cr	iteria Pollut	ants	Unit	Ν	Aaximum			98 Percen		-	scribe
				_	Value	Valu		Value			undard
pН				_	7.97	7.1	-	7.97		6.	5-8.5
TSS			ng/l	_	<5	<5		<5		500	
TDS			ng/l		352	21		352			$\frac{-2000}{-2000}$
-	al Hardness		ng/l		198	13		198		_	0-600
	orides		ng/l		62.98	31.9		62.98			)-1000
Fluc	oride	n	mg/l		0.97	0.08	8	0.97		1-1.5	
g.	No. of Sur	face W	Vater M	lonit	toring Lo	ocations				:	10
<u>h.</u>	Details of				-						
C	riteria Pollut	tants	Uni	t	Maxim	um Min	imum	98 Perce	entil	e Pr	escrib
					Valu		alue	Valu			tandaı
	pН		_		8.3		7.1	8.3			.5 to 8
	DO		υ		8.5					4(minimu	
	BOD		mg/		2.6		<2	2.6			3
	COD		mg/	1	10		<5	10			-
i.	No. of Am	bient l	Noise M	Ionit	toring L	ocations				:	12
j.	Details of	Noise	Monito	ring						_ 1 _ 1	
F	arameter	Un	nit I	Maxi	imum I	Minimum	98 Pe	ercentile	Pre	escrib	ed
Ţ					lue	Value		alue	St	andar	d
Leq	(Day) (Night)	dB(A	,		1.5	45.5		71.5		75	
-		dB(A		~~	7.3	33.6		57.3		70	1

No Pollutants			Concentration	Value	concentr	otion	GLC	24h	<b>r</b>	
SI.	Cri	teria	Unit	Baseline	Minimum	Incremen	ntal	Total	Pres	scribed
.3	Anti	cipated er	nvironme	ental impacts	-			-		
		То							:	11.98
		From							:	2.3
	ii	Range of	of Water 7	Fable Post-Monse	oon Season (	Meters Belov	w Grou	nd Level	(m bg	l)):
		То							:	14.6
		From							:	5.76
	i	Range of	of Water	Fable Pre-Monso	on Season (N	Aeters Below	Grour	nd Level (	m bgl	)):
	1	Ground	l Water '	Гable						
	El	ectric Cor	nductivity	uS/cm	531.70	256.70	5	31.70		
		otassium		kg/ha	268.35	122.68		268.35		
	Pł	nosphorus		kg/ha	12.52	2.87		12.52		
	N	itrogen		kg/ha	388.78	111.59	3	88.78		
	pH	ł		-	6.9	5.83	(	6.9		
				0	Value	Value		alue		
		Paran	neter	Unit	Maximum	Minimum	98 Pe	ercentile		

Sl. No.	Criteria Pollutants	Unit	Baseline Concentration (98 percentile value)	Minimum Value	Incremental concentration	Total GLC	Prescribed 24hr Standard
1	PM <sub>10</sub>	µg/m <sup>3</sup>	80.2	59.3	18.54	98.74	100
2	PM <sub>2.5</sub>	μg/m <sup>3</sup>	44.3	32.6	5.32	49.62	60
3	SO <sub>2</sub>	µg/m <sup>3</sup>	25.5	18.4	0.01	25.51	80
4	NO <sub>2</sub>	μg/m <sup>3</sup>	36.7	25.4	10.06	46.76	80

Note: Above values are for highest incremental value obtained through modelling in buffer zone in downwind direction.

Anticipated Radius of influence on the groundwater regime of Gevra OC study area, Gevra Area, SECL.

	Projected dra	wdown of	Radius of in	nfluence (m)	
Project	intersected ac	luifer (m)	Up-dip	Down-dip	
	Up-dip	Down-dip	Op-uip	Down-uip	
Gevra OC	77.45	208.24	474.28	1275.20	

## 1.4 Mitigation measures <u>EXISTING POLLUTION CONTROL MEASURES</u>

## A. Air Pollution, Control & Conservation Measures:

- 1. Long range fogging machine with horizontal throw of 40 m is in operation.
- 2. Wind Breaker/barrier system installed at the railway siding.
- 3. 2 no. mechanized sweeping machine is in operation.
- 4. Vertical Greenery System has been developed in the mine.
- 5. Fixed Sprinklers (400 no.,12 km) are in operation.
- 6. Sufficient no. of mobile water sprinklers of 70 KL (15 Nos) and 9 KL (22 Nos, Contractual) are used for dust Suppression in mine haul roads and in coal tipper roads on regular basis.
- 7. At all along conveyor, Transfer Points, CHP, Silo's and at 30,000 T Ground Bunker water sprinkling arrangement is working effectively to suppress dust at source. At few crusher! Feeder breakers and at 5000 Te capacity Ground Bunker mist spray water sprinklers are operating for dust control.
- 8. Trucks are optimally loaded to prevent spillage on haul roads. Coal loaded trucks are covered before leaving the mine premises.
- 9. Whenever the coal dust / slurry accumulates on Haul roads and other roads of Mine premises, the same is cleaned by the use of Graders & Loaders.
- 10. Dust extractors are working effectively in Drills to reduce dust emission.
- 11. Extensive Plantation done on overburden dumps, which act as dust & noise barrier between mine area and residential area.
- 12. Thick green belts developed around residential areas. Also plantation done along colony roads and around other mine infrastructures.
- 13. Employees are provided with LPG connections, restricting burning of coal for domestic use.
- 14. All approach roads to mine and all other roads which are in regular use are black topped. Internal roads & other permanent haul roads in side mine are WBM roads.
- 15. Coal extraction from Surface Miners reduced the requirement of drilling & blasting and further crushing at In Pit & Surface crushers

## **B.** Water Pollution, Control & Conservation Measures:

- 1. Oil and Grease trap is in operation for treating effluent water from HEMM Washing. After treatment, water is reused for HEMM washing. This Oil & Grease Trap is a zero discharge plant.
- 2. Settling ponds are provided for treating the mine water discharge as well as OB Dump run-off. Catch drains (at a length of 11.5 KM) with Check dams are provided for Channeling and Settling of OB dump and CHP runoff.
- 3. Domestic Effluent Treatment Plant (DETP) is constructed for treating Domestic Effluent of the residential colonies, properly constructed storm water drains have been maintained in the colony.

## C. Noise Pollution Control & Conservation Measures:

- 1. Generally, the blasting operations are carried out in between 12.00 noon to 4.00 PM.
- 2. Proper maintenance of HEMM to reduce the avoidable vibrations and noise.
- 3. Employees who are exposed to higher level of noise are provided with Ear Plugs.
- 4. Extensive Plantation done on overburden dumps, which act as noise barrier between mine area and residential area.

- 5. Thick green belts developed around residential areas. Also plantation done along Colony roads and around other mine infrastructures. These green belts also act as noise barriers.
- 6. At crushers/feeder breakers synthetic liners are fitted in few hoppers to reduce noise generation.
- 7. HEMMs are provided with noise proof cabins for operators.
- 8. Shock tube initiation system of delay blasting is adopted for Coal & OB Blasting to reduce blast related noise & vibrations.
- 9. Introduction of Surface Miners reduced the requirement of drilling & blasting and further crushing at In Pit & Surface crushers

## **D.** Hazardous Wastes Management:

1. Oil and grease filters are stored in a drum placed on cemented concrete floor to prevent contamination of soil & ground water.

- 2. The waste oil is stored in a container in the workshop for proper disposal.
- 3. Used oil/burnt oil are stored in specified drums at work sites on concrete floors.
- 4. Oil & grease generated at workshop after treatment by oil & grease trap is safely stored and disposed. Good housekeeping of workshop is followed.

## ADVANCE ACTION FOR POLLUTION CONTROL IN LINE WITH PROPOSED EXPANSION (52.5 to 70 MTPA)

SL. NO.	MITIGATION MEASURE	STATUS AND TIMELINE
1	Fixed water sprinklers coal transportation road	LOA had issued vide no.GM(C)/ SECL/ BSP/ WO/ GVR/ 2021/ 112 Dt: 04.05.2021 for an amount of Rs. 4.04 Cr. covering 12 KM length (400 nos. sprinklers with 25m throw). Work completed in Oct 2022.
2	Fixed water sprinklers at Hardi Bazar	Water spraying are being done through water tankers.
3	Tyre Washing System	LOA was issued on 02.09.2021 for an amount of Rs. 47.12 Lakhs. Structural work completed. Water supply work under progress.
4	3 nos. Fogging machine	4 no. of fog canon has been purchased and 2 nos. working on haul road and other dust generating sources, remaining 2 yet to be delivered. Delivery expected by March 2023.
5	1 nos. Sweeping machine	Completed. One addl. Machine delivered in Jan 2022
6	CAAQMS machine	Retendered on 03.12.2021 & cancelled in Nov 2022 due to cost discrepancy. Tender will be again floated in Jan 2023.

7	Establishment of 10 Ha. Sal Nursery	The work of establishment of 10 Ha. Sal Nursery will be undertaken through CGRVVN. The proposal is under approval for an amount of Rs. 56849047.45/- undertaken through CGRVVN.
8	10 additional Long range fogging machine	4 no. of fog canon has been purchased and 2 nos. working on haul road and other dust generating sources, remaining 2 yet to be delivered. Delivery expected by March 2023 Additional 7 no. will be put into operation on hiring basis. Work order will be issued by 1st week of Jan 2023.
9	Installation of additional 02 Silos with Rapid Load out System under "First Mile Connectivity" program	Work Order has been issued in Oct,2020. The physical work is likely to be completed by March, 2023. Budget-1576.88 cr

## Environmental monitoring programme Table 1.3: Environment Monitoring Summary 1.5

S.	Name of Monitoring	Parameters	Frequency	Standards followed
No.	Station			
AIR /NOISE				
1	DETP/TA Office	Air-SPM,PM <sub>2.5</sub> ,	Air- twice in a	-NAAQS, 2009 for
2	Shakti Nagar	PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>2</sub>	week	stations located
3	Urja Nagar			outside core zone.
4	Dy.GM Office	Heavy metals-	Heavy metals-	& Coal Mine
5	Bhilai Bazar Village	Ni, As, Hg, Pb	at six months	Standards, 2000 for
6	Dhurena Village			stations located in
7	Ganga Nagar Village		Noise-	core zone
8	Ralia Village	Noise- Leq(in	fortnightly	-CPCB Protocol For
	_	dB(A) - Day		Ambient Level Noise
		and Night time		Monitoring
				-CTO Special
				Conditions
EFFI	LUENT WATER	Parameters	Frequency	Standards followed
1	Mine water at discharge	pH , TSS, COD,	Fortnightly	-Coal Mine
	point	TDS, BOD and		Standards, 2000 and
2	Workshop effluent before	Oil & Grease		
	treatment at O&G trap			-General Standards
3	Workshop effluent after	All Parameters	Once a year	for Discharge of
	treatment at O&G trap			Environmental
4	Discharge of			Pollution (Part A:
	DETP, GEVRA Area			Effluent) as per
5	OB dump run-off &mine			Schedule VI,
	discharge water after			Environment
	treatment			(Protection) Rules

<b></b>				
	at settling pond			-CTO Special
6	Upstream of Laxman Nalla			Conditions
7	Downstream of Laxman			
	Nalla			
8	Mine sump Water			
DRIN	NKING WATER			
1	4.5 MLD Water Filter Plant (	24 Parameters –	Monthly	-IS 10500:2012
	Water After Treatment)	Color, Odour, Phenolic		
2	Well Water of Executive	compounds, Turbidity , pH,		
	Colony -Near Shivmandir, Urja Colony	Alkalinity, Total		
3	Water of Workers Colony -	Hardness, Iron,		
	Near Ajad Chowk from Tube Well	Chlorides,		
4	Colony Tap Water DAV	Residual free		
4	Public School, Gevra	chlorine, TDS, Ca, Cu, Mn, Sulphate,		
5	Well Water of Vijay Nagar	Nitrate, F, Se, As,		
	Rehabilitation Village Of	Pb, Cr, Sn, Bo,		
	Maya Ram Kawan	Fecal Coliform		
6	Drinking Water ,Ganga			
	Nagar Hand Pump Govt.			
7	School			
7	Drinking Water, Nehru Nagar Hand Pump Govt.			
	School			
GRO	UNDWATER			
1	Bore well water from	24 Parameters –	Four times a	-IS 10500:2012
-	Sarasinagar	Color, Odour,		10 100 00.2012
2	Bore well water from Ralia	Phenolic	Pre monsoon	
3	Bore well water from	compounds,	(April/ May),	
	Gobarghora	Turbidity , pH,	Monsoon(Aug), Post	
4	Bore well water from	Alkalinity, Total	···· · · · · · · · · · ( <b>N</b> T - ···)	
	Sarasinagar	Hardness, Iron, Chlorides,	& Winter(Jan)	
5	Bore well water from Vijay			
	Nagar (Bhinjhra)			
6	Bore well water from	chlorine, TDS, Ca,		
	Gevra Basti	Cu, Mn, Sulphate,		
		Nitrate, F, Se, As,		
		Pb, Cr, Sn, Bo,		
		Fecal Coliform		

## **1.6 Additional Studies**

## **1.6.1. PUBLIC CONSULTATION:**

To ascertain the concern of local affected persons and others who have a plausible stake in environmental impacts due to operations of the project, public consultation for enhancing the production capacity from 52.5 MTPA to 70 MTPA and increase in area form 4184.486 ha to 4781.798 ha will be conducted as per EIA Notification,2006 and subsequent amendments. The compliance of the issues raised during the Public hearing as well as responses received in writing from persons having a plausible stake in environmental aspects of the project will be provided with final EIA/EMP report along with time bound action plan and budgetary provision.

## **1.7 PROJECT BENEFITS**

Project will considerably improve the socio-economic status of the adjoining areas. This will result in following benefits:

- Improvements in Physical Infrastructure
- Improvements in Social Infrastructure
- Increase in Employment Potential
- Contribution to the Exchequer
- Meet energy requirement
- Post-mining Enhancement of Green Cover

CSR activities are taken up as per Govt. Policy in consultation with District Administration. Details of year wise CSR activities carried out by Project Proponent is submitted along-with Six Monthly Compliance Report.

## Table 1.5: Status of CSR Expenditure incurred for the last eight years is as follows:

			In	Rs in lak	hs			
	FY	FY	FY	FY	FY	FY	FY	FY
Sector	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
Education	2.49	15.36	274.99	2.88	1.44		NIL	
Road							due to	
infrastructure	123.79	5178.06	82.3				COVID	
Health	11	0		20.88		25		54.83
Sanitation	10	1011.79	267.91	200.69	40.05	35.95		
Culture and								7.57
Sports	76	9.5	25	25	25	25		
Social								34.57
infrastructure	0	7.32	185.63	21.89				
Drinking water			7.5	2.63				95.96
TOTAL	223.28	6222.03	843.33	273.97	66.49	85.95		192.93
Corporato Enviror	mont Dog	noncihility		•	•	•	•	•

Corporate Environment Responsibility (CER)

CER has already been provisioned in EIA/EMP of 49 MTPA& 52.5 MTPA i.e. 22.852 crores which will be implemented in Phase-II (expansion from 52.5 to 70 MTPA) in following activities:

SN	TABLE : DETAILS OF ACTIVITIES OF CER
1	Creation of Health infrastructure & assistance
2	Creation of Education facilities.
3	Infrastructure development
4	Environment sustainability
5	Hygiene and Health
6	Sustainable livelihood
7	Development of Sports facility & cultural activity
8	Skill Development

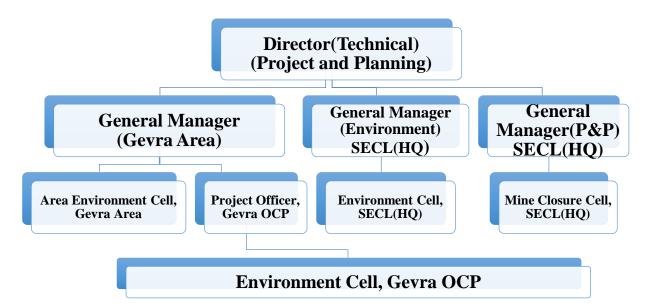
## **EMPLOYMENT POTENTIAL:**

**In the project:** There has been direct employment opportunities for 4391 manpower of different categories.

## **1.8 Environment Management Plan**

## ADMINISTRATIVE STRUCTURE OF EMP IMPLEMENTATION

## **Organization Structure for Environment Management**



# Table 1.6: Schedule for implementation of progressive mine closure activities(Remaining Life of mine: 16 years (Starting from FY 2022-23)

Activities in Reclamation Phase, each phase@5year	-	1 <sup>st</sup>			2 <sup>n</sup>	ıd		3	rd	4 <sup>th</sup>		Min Closu	
16 Years of Remaining Life											1	2	3

1	Backfilling and grading/levelling of dumps										
2	Toe walling										
3	Provision of water coursing channels										
4	Provision of sedimentation pond										
5	Provision of garland drains										
6	Provision of check dams at high velocity points										
7	Top soil preservation and application										
8	Site preparation and plantation										
a	Provision of support measures over steep slopes										
b	Provision of grass legumes										
с	Plantation										
9	Environmental Monitoring										

## **1.9** Overall justification for implementation of the project

Gevra OC has been identified in 1 BT plan of Coal India Limited which is to be achieved by FY 2023-24. The production target for this mine has been planned is 70 MTPA which will cater the needs of power plants and various miscellaneous customers. The proposed dispatch modes alongwith the quantities is as follows:-

S.NO	CUSTOMERS	DISPATCH PLA	NSTATUS	&
		FOR 70 MTPA	TIMELINE	
1	Silo No.1&2	15.00Mt	Working	
2	Public Silo No. 3 & 4	10.00 Mt	Working	
3	CHP / SILO no. 5&6	30.00 Mt	March, 2024	
4	Rapid Rail Load Out System	20.00 Mt	March 2023	
Tot	tal Dispatch	75.00 Mt		

The mining plan has been approved for 70 MTY of production to cater the increased production of SECL. The mine is complying all the conditions of the previous environmental clearances.

**1.10 Explanation of how, adverse effects have been mitigated:** Action Plan with budget and timeline for implementing the additional measures for mitigating the adverse effects is summarized as below:

1	Table 1.8 ADDITIONAL CAPITAL EXPENDITURE	Amount in
1	(proposed in EMP of 52.5 to 70 MTPA)	Rs crores
a	Green belt between residential area and mine (2 km)	7.0
b	Tyre washing arrangement (additional 2 no.)	1.0
c	Sprinkler system with mist spray in CHP/Transfer points and enclosure	1.0
C	system for coal unloading facility	1.0
d	Rainwater harvesting measures	0.5
0	Noise protection personal equipment like ear muff/plug	1.0
e	and other measures like Acoustic Panel Technology Noise barrier, etc	1.0
f	Integrated Continuous effluent monitoring system with real time tracking	2.02
1	and server linkage	2.02
a	Miscellaneous Environmental Control measures as per EC	2.5
g	conditions/Issues raised during Public hearing	2.3
	TOTAL ADDITIONAL CAPITAL EXPENDITURE	15.02 crores

2	Table 1.9ADDITIONAL REVENUE EXPENDITURE	Amount in
2	(proposed in EMP of 52.5 to 70 MTPA)	<b>Rs crores</b>
a	Fog Cannon (Additional -8 no.) @0.6 cr/unit	4.8
b	Mechanized Sweeping Machine (Additional 2 no.) @0.5 cr/unit	1.0
c	Green belt around the mine boundary (14 km) @8 lakh/ha	1.12
d	Grass bedding over slope with support measures per year (60 ha @10 lakh/ha)	6.0
e	Soil and Moisture Conservation of top soil @Rs 3500/ha	1.0
f	Grassland creation over reclaimed OB dumps per year (6 ha @8 lakh/ha)	0.48
g	Wildlife Conservation Plan implementation	10.09
h	Groundwater recharge and monitoring per year (lump sum)	1.0
i	Environment Monitoring per year	3.0
j	Third party audit of compliance of various clearances at suitable interval	1.0
k	Specialized studies like slope stability, fly ash related studies, topsoil management, Just transition, development of eco park, floating solar park, ecological restoration, OB to sand or similar from scientific institution of repute per year	5.0
	TOTAL ADDITIONAL REVENUE EXPENDITURE	34.49 crores