AUCTION OF COAL MINES FOR SALE OF COAL

(17TH TRANCHE OF AUCTION UNDER THE COAL MINES (SPECIAL PROVISIONS) ACT, 2015)

(7th TRANCHE OF AUCTION UNDER THE MINES AND MINERAL (DEVELOPMENT AND REGULATIONS) ACT, 1957)

PART – II Queries & Responses

Pursuant to Standard Tender Document dated March 29, 2023

May 12, 2023

Nominated Authority

Ministry of Coal, Government of India

A. Queries and Responses to Standard Tender Document dated March 29, 2023

The following clarifications are applicable to the Standard Tender Document dated March 29, 2023 as well as to mine-specific Tender Documents dated March 29, 2023 pursuant to auction under 17th Tranche of auction under the CMSP Act 2015 & auction under 7th Tranche of auction under the MMDR Act 1957.

SI. No.	Query	Response
1.	Coal Evacuation: a. We would like to know about the plans to evacuate coal from blocks like Kudanali Luburi, Nuagaon Telisahi and New Patrapara, etc in the western region of Talcher CF as the proposed loading point near Tentuloi is quite far from these potential blocks.	a. A rail corridor, running south of these coal blocks, is proposed for coal evacuation. The same may be viewed at the "Online Coal Block Information System (OCBIS)"
2.	Exploration Status: a. Due to boundary revision of coal blocks prior to Tranche-6, unexplored area is added to an explored block. Will such block now be considered as Explored or Partially Explored.	portal at the official website of CMPDI. a. If unexplored area is added to any explored block, the resultant block becomes Partially Explored.
	1) Such coal block has a Peak Rated Capacity and mine plan is also prepared based on earlier block boundary. Considering the new block boundary and exploration required to be done in additional block area, whether Mine Plan with reduced Peak Rated Capacity can be prepared and submitted for approval. Kindly confirm.	1) Downward revision in the PRC is not allowed. As per Clause 9.3 of the Tender Document, upon allocation of the Coal Mine, the Mining Plan may be revised by the Successful Bidder, in accordance with the Guidelines for Preparation, Formulation, Submission, Processing, Scrutiny, Approval and Revision of Mining plan for the coal and lignite blocks issued vide Office Memorandum F. No. 34011/28/2019-CPAM dated May 29, 2020, as may be amended.
	2) Such block where additional unexplored area is added to an explore block shall be considered as a "Partially Explored" block.	2) Yes, such block is considered as "Partially Explored" block.
	3) Such Partially Explored block shall have to comply with the relevant tender provisions including Mandatory Work Programme, Lock-In Period, relinquishment of part area or whole coal mine. Please confirm.	3) Yes, the block allocate of such partially explored coal block shall have to comply with the provisions of the relevant tender document.
3.	Geological Report: The geological report of the carved out block should be provided only for the carved out	The GR for carved out blocks shall be prepared by the

SI. No.	Query	Response
	block by CMPDIL, so that the bidders have precise details of the block for financial and	allottee.
4.	mining modelling. Mine Summary and Mine Dossier:	
	The information related to important surface features like existing rail lines/MGRs, High Tension Power transmission lines, GAIL gas pipelines, and Engineering Colleges & Medical Colleges are missing in the document.	The information related to major surface features as available is already provided in the mine dossier. Any additional and/or pertinent information may be gathered by the bidders during the site visit or through other
		sources.

B. Mine Specific Queries and Responses

SI.	Name of Mine	Query	Response
No. 1.	Tara	1. Forest Area:	1. Forest Area:
		a. The mining method has been changed for a few blocks like Tara which was earlier approved for Opencast and has now been changed to Underground for the major portion of the reserve. The competent authority should remove the Lemru reserve forest falling under the block because underground mining will render most of the reserve un-extractable.	a. It may be noted that the mining method for Tara coal block has not been changed. There is a very small overlap (~ 0.2 sq.km) with Lemru Elephant Reserve in the southern boundary of the block. This may be due to survey & geo-referencing error which may be ascertained by the successful bidder/allottee.
		2. PRC: a. Peak rated capacity 6 MTPA is only possible if the OCP reserve is as per approved mining plan (166.92 Mt). We understand that	2. PRC: a. The PRC given in the Mine Summary is as per the approved Revised Mining Plan.
		Open Cast working is allowed to achieve 6 MTPA capacity. 3. Block Boundary:	3. Block Boundary: a. Details of land required and land acquired has been provided in the mine dossier as submitted by the prior allottee.
		a. 325.31 Ha area is outside of block boundary which integral part of Project area of approved mining plan. Please clarify whether or not same is included in 2400Ha of Tara coal block boundary listed under tranche-7	4. Mine Closure Plan: a. Approval of the Mining Plan and Mine Closure Plan (1 st Revision, July 2011) has been granted by MoC vide letter dated 26.04.2012. The documents as provided by the prior allottee have been provided in the mine dossier.
		 4. Mine Closure Plan: a. Approval details of mine closure plan and copy of approved mine closure plan is not provided. 5. Londo 	 5. Land: a. Details of land acquired has been provided in the mine dossier as submitted by the prior allottee.
		 5. Land: a. Details of acquired land is part of block boundary or outside of block boundary need to clarify 	
2.	Kudanali Lubri	1. Elephant Corridor: a. It has been found that an elephant corridor exists with electric fencing within the Kudanali Luburi coal block in Talcher	 1. Elephant Corridor: a. & b.: Available information regarding ESZ analysis has been provided in the Mine Summary. Any additional and/or pertinent

SI.	Name of Mine	Query	Response
No.		CF which may be discussed with State Forest Officials to release the block for mining. b. It has been found that elephant corridor exists with electric fencing within Kudanali Luburi coal block in Talcher CF. This information related to Elephant Corridor is also not mentioned in Mine Summary. The matter needs to be discussed with State Forest Officials to release the block for mining and take necessary steps, So, that the Block development is not delayed due to the corridor. 2. CBM: a. Kudanali Lubri coal block in Talcher Coalfield has an overlapping with CBM as per the image of the block given in Mine Summary. Kindly update this in the mine summary and upload a revenue share model for CBM in the Tranche 17 data. b. How CBM block overlapping with mining block in Kudanali- Lubri is going to affect permissions? c. Is there any statute/law which facilitates the successful bidder in getting the CBM Mining lease from the State Government after Technical approval from MOPNG? 3. Land: a. No details of land provided b. CBA Overlap details required in terms of area and quantity within the block. 4. Surface Features: a. The information related to important surface features like	 information may be gathered by the bidders during the site visit or through other sources. Permissions, prohibitions, etc. of activities in and around ESZ areas are granted by concerned authorities as per the prevailing statutory provisions, Guidelines and Orders, etc. in this regard. 2. CBM: a. There is no overlap between coal block and CBM block boundary within the block. b. Not applicable as there is no CBM overlap. c. Not applicable as there is no CBM overlap. 3. Land: a. Available information has been provided in the mine dossier. b. There is no overlap of CBA notified land within this coal block. 4. Surface Features: a. The information related to major surface features as available is already provided in the mine dossier. Any additional and/or pertinent information may be gathered by the bidders during the site visit or through other sources.

SI.	Name of Mine	Query	Response
No.			
		existing rail lines/MGRs, High Tension Power transmission lines,	
		GAIL gas pipelines, and Engineering Colleges & Medical Colleges	
		are missing in the document. There is 400 kV power line over	
		Kudanali Lubri coal block which is not mentioned in the Mine	
		summary.	
3.	Bicharpur	1. PRC:	1. PRC:
	East	a. Reserve Geological Bicharpur East Block (Area 6.5 sq km) Only	a. The PRC has been tentatively assessed taking into account
	(Revised)	seam VII T > 1.5 m thickness,	superior grade thin mineable seams also. This may be ascertained
		i) Bicharpur East Block Reserves – 35.712 MTe (in 6.5 sq kms)	after detailed planning during mining plan preparation for the block.
		ii) Less area below Shahdol Railway 5.336 MTe	
		iii) Net available- 30.376 MTe	
		B. Geological Reserves Bicharpur East (Revised) (Area – 3.1 km2)	
		C. Geological reserves in Mineable seam = 30.376 x 3.1/6.5=	
		14.487 MTe	
		D. Expected Mineable Reserves @35%= 14.487*0.35= 5.07 MTe	
		Thus only 5 MTe coal is extractable by Bord & Pillar Method	
		Capex involved will be substantially high for such short life of	
		mine with small resources (One Shaft ~250 m depth, One Incline	
		~1300 m and 2 Set of Continuous Miner packages)	
		Kindly reconsider the PRC of Bicharpur East (Revised) coal block	
		as 0.25MTe annually so that the Life of mine will be ~ 23 years	
		and will make block feasible with justifiable Return on	
		Investment.	
4.	Meenakshi	1. Geological Report:	1. Geological Report:
	West	a. We want to bring to your attention that only lithological logs	a. Seam correlation and other desired documents are not available
		for 38 boreholes have been provided. The following data are	as the geological report for the block is not prepared However,
		missing from the docket provided for the coal block	lithologs of all the drilled boreholes and seam quality data shall be
		Seam Correlation	uploaded in the mine dossier shortly.
		• Seam quality analysis results - (band-by-band analysis	
			· ·

SI. No.	Name of Mine	Query	Response
		 results not available) Lithological log for the balance 10 boreholes. Also, the following documents may also be made available Surface topographic map Weathered Mantle Floor contour, Seam Folio plans for all seams Draft geological note on the blocks, geological assessment, or any preliminary assessment etc which can quantify total reserves. Besides this, Lithological log data for 10 boreholes are required to be provided. We understand that this data would already be available and request that it is shared urgently. 	
5.	Badibahal	 1. Geological Report: a. GR boundary is enclosed within MoC boundary; MoC boundary 6.8 sq.km and GR boundary measuring 6.0 sq.km area. Mismatch in geological block and the block formed by MoC may create issues at the development and exploration stage. It is suggested that both are made same. b. Following data are missing from the data docket for the Badibahal coal block, request you to help in evaluation of the block by providing the same : Surface topographic map Weathered Mantle Floor contour, Seam Folio plans for all seams Geological Map in CAD format showing structural elements like fault (provided in non-editable PDF format). 	 1. Geological Report: a. GR boundary is revised to annex unblocked area between Badibahal & Hemagiri Sector-I blocks. The revised and final boundary is having 6.8 sq.km area. b. The block is regionally explored. Available data has already been provided in the mine dossier.

SI. No.	Name of Mine	Query	Response
		GR is available as scanned pdf text, no data in CAD and Excel format which is making it difficult to digitise and evaluate. Geological Model critical as the basic data for subsequent technical evaluation - with no model supplied (like Floor contour/Seam folio), the Geological Model will need to be recreated from the basics.	
6.	Mahan	 1. Geological Report: a. Surface topographic map in CAD format - a poor quality scanned version shared - not legible. Request a clearer copy be made available Floor contour, Seam Folio plans for all seams in CAD format - provided in non-editable graphics format Geological Map in CAD format showing structural elements is missing. "Annexures" are available as scanned pdf formats – please consider providing them in excel formats, wherever possible Seam folio and Seam floor contour maps are present as poorly scanned pdf format 2. Forest Clearance: a. Clarification needed whether Forest clearance would be given or not as the depth of seams are very thin & subsidence might 	 1. Geological Report: a. The geological report of the block is very old, prepared in March 1993. Scanned copy of the same in the best possible quality has been provided in the mine dossier. 2. Forest Clearance: a, b & e: Clearances are provided by the concerned authorities as per the prevailing statutory provisions, guidelines, orders, etc. on case to case basis. c &d: Subsidence prediction study based on the proposed underground mining would be required.
		occur b. In Mahan Coal Block very few percentage of non-forest (3%) land is available. Hence would forest diversion be allowed or not? c. The depths of the seams are very low/thin in the coal block, would there be chances of subsidence owing to the same? d. In case of subsidence, would the clearances regarding water,	

SI. No.	Name of Mine	Query	Response
100.		& other activities would be granted or not? e. As Mahan is 97% under forest cover, whether forest diversion for creation of mine opening will be allowed or not within the forest area?	
7.	Rawanwara North (Eastern Part)	1. Study: a. Has any subsidence study undertaken for Rawanwara North Eastern Part? In case of subsidence will mining be allowed?	1. Study: a. Subsidence is based on the proposed scheme of underground mining. As Mining Plan for this coal block is not available, subsidence prediction study will have to be conducted during preparation of the Mining Plan. Available information has already been provided in the mine dossier.
8.	New Patrapara	 1. Clearances: a. The Eco-sensitive zone touching the south -west boundary of New Patrapara will adversely impact the Mining operations? How much Safety Zone to be left between the Mining area and this Eco-sensitive zone? Will trucks movement for Coal transport be allowed through this forest range? Plan showed in coal block summary misses the ESZ markings 2. Land: a. Land details of only three villages given whereas this block contains 11 nos. of villages. Please provide land details (i.e forest land, private land & Govt. Land) for each of the villages in the Block. b. CBA Overlap details required in terms of area and quantity within the block. 	 1. Clearances: a. The extent of safety zone against the ESZ as well as permissions, prohibitions, etc. of different activities in and around the ESZ would be as per the prevailing statutory provisions, Guidelines and Orders, etc. in this regard. The TR-PA boundary has been shown in the block plan given in the mine summary. 2. Land: a. Villages in New Patrapada (Southern Part): 1. Patrapada, 2. Pipalbahal, 3. Patrapada Jungle, 4. Dasarasahi, 5. Bagadia, 6. Sapoinali, 7. Simlipal (Very small part). Information as submitted by the prior allottee has already been provided in the mine dossier. b. There is no overlap of CBA notified land over this block. 3. R&R: a. Information as submitted by the prior allottee has already been
		3. R&R: a. PAF detail of only three villages given. Please provide PDF/PAFs detail of each of the villages.	provided in the mine dossier.
9.	Machhakata (Revised)	1. Land: a. Machakata block area has been revised but land details of	1. Land: a. Information as submitted by the prior allottee has been provided

SI.	Name of Mine	Query	Response
No.			
		earlier Mahanadi-Machakata block is given in the Tender Document	in the mine dossier.
		2. Wildlife Conservation Plan: a. The approved site-specific WL Conservation Plan for Machhakata (Revised) coal block has not been attached in the mine dossier. The same may be furnished.	2&3. Information as submitted by the prior allottee has been provided in the mine dossier.
		3. R&R: a. As per the details, R&R plan for Machhakata (Revised) coal block has also been approved. The same may be furnished.	
10	North of	1. Land:	1. Land:
	Arkhapal	a. No details of land provided	a. Available information has been provided in the mine dossier.
	Srirampur (Revised)	b. CBA Overlap details required in terms of area and quantity within the block.	b. Boundary of the original block has been revised by excluding the CBA overlap area. This block with revised boundary has been put under auction.
		2. PRC: a. PRC given as 12 MTPA, however at the same time it is mentioned that Mine Plan not available. It is not clear as to on what basis PRC has been determined.	2. PRC: a. PRC has been tentatively assessed, which may vary after detailed planning during preparation of Mining Plan.
11	Sakhigopal B	1. Land:	1. Land:
	Kakurhi	a. No details of land provided	a. Available information has been provided in the mine dossier.
		2. Infrastructure: a. Proposed rail corridor passes in western part of the block. What is purpose, its linkage and status of proposal?	2. Infrastructure: a. The proposed rail corridor in the western part of the block is meant for coal transportation from Talcher coalfield.
12	Chainpa	1. PRC:	1. PRC:
		a. Can any part of the mine be open castable? Kindly elaborate the basis of arriving at capacity and which all seams have been considered mineable? Need clarification in Geological Report.	a. PRC has been tentatively assessed, which may vary after detailed planning during preparation of Mining Plan.
			2. Reserves:
			a. As per the GR, Chapter-5, Point No. 5.2.1.6:

SI.	Name of Mine	Query	Response
No.		 2. Reserves: a. What is the effect of Dolerite sill on the reserves estimated? 3. Other: a. What is the make of water of the mine as the seams are known for aquifiers? 4. Surface Features: a. The information related to important surface features like existing rail lines/MGRs, High Tension Power transmission lines, GAIL gas pipelines, and Engineering Colleges & Medical Colleges are missing in the document. There is a government medical college over Chainpa coal block but not mentioned in Surface constraints of the block in the Mine Summary. b. What are the surface features with in the block area including nala/river, power line, roads etc. and how many kms? Who are the agencies having ownership/right over such infrastructure/features 	 'Dolerite intrusive has prominently affected the top seams of Raniganj formation in particularly in the eastern and northern part of the blocks. Seams affected by the dolerite intrusive were cropped by the limits of dolerite intrusive to exclude from the resources." 3. Other: a. Hydrological/ Hydrogeological study has been included in the Geological Report available in the mine dossier. 4. Surface Features: a & b: The information related to major surface features as available is already provided in the mine dossier. Any additional and/or pertinent information may be gathered by the bidders during the site visit or through other sources.
13	Sondhia	 1. Forest Clearance: a. Need Clarification, whether there would be any challenges while obtaining Forest Clearance as the prior allottee had consumed much to time 2. Land: 	 1. Forest Clearance: a. Clearances are provided by the concerned authorities as per the prevailing statutory provisions, guidelines, orders, etc. 2. Land: a. Available information as submitted by the prior allottee has been provided in the mine dossier.
14	Sherband	 a. Land break-up of the Forest, Government & Private 1. Coal Evacuation: a. Nearest railway siding to coal block and other infrastructure are far away. Hence, any plans for developing excess infrastructure in near future. Need Clarification 	 1. Coal Evacuation: a. A rail corridor through adjacent coal block Baisi on the west is proposed. 2. Forest Clearance: a. The boundary of Lemru Elephant Reserve is about 5-6 km far from

SI.	Name of Mine	Query	Response
No.			
		2. Forest Clearance:	the north-western boundary of Sherband Block.
		a. The North Western Boundary of the Coal Block touches Lemru	3. Land:
		elephant Reserve, hence would it affect in the procedure of	a. As mining plan for this block is not available, scheme for OB
		obtaining forest clearances. Need Clarification	dumping needs to be planned by the bidder.
		3. Land:	
		a. External dumping area is identified or not. If identified, then	
		please provide details	
15	Pathora	1. Mine Dossier:	1. Mine Dossier:
	West	a. Please be informed that, the Minex Model provided by MoC	a. The minex model shall be uploaded in the mine dossier of the coal
		for the Pathora West Coal Mine is not in order.	mine shortly.
		The geological report of the Pathora West is different from	
		Pathora East, but Minex Model provided by MoC for Pathora	
		West is that of Pathora East.	
		In our opinion there must be an error while uploading the data.	
		Please provide the relevant Minex Model for Pathora West Coal Mines	
16	Batati Kolga	1. Surface Features:	1. Surface Features:
10	North East	a. Presence of Water reservoirs and irrigation check dams	a. With the disposition of coal seams, it appears that the coal seams
		should be excluded from the block area. There is a very large	are amenable for extraction by underground method of mining.
		reservoir in Batati Kolga North east coal block inside the block	Mining workings may be planned to protect the water reservoir
		boundary	
17	Batati Kolga	1. Borehole Data:	The borehole log and location plan for all boreholes including MBKE
	East	a. Batati Kolga East Coal Block ("the Block") notified as partially	and CMBK series within Batati Kolga East coal block have been
		explored block under MMDR Act, 1957. As per the mine	provided in the mine dossier. The geological report considering all
		summary document the area of the block is 30.0 km ² with 192	boreholes is under preparation.
		boreholes drilled.	
		On review of the Geological Report prepared by MECL in 2002	
		which was part of the Mine Dossier, it was observed that there	
		are three series of Boreholes namely MNPS, MBKE and CMBK.	

SI. No.	Name of Mine	Query	Response
		The provided GR covers only MNPS series of 42 boreholes and out of 42 only 14 falls within the Block Boundary and rest falls in the adjacent blocks.	
		Further, there are no data pertaining to MBKE and CMBK series of boreholes. It was observed that out of 192 Boreholes falling within the Block majority is of MBKE series.	
		As per the fixed cost for this block, an amount of Rs. 1,95,88,99,308.80 has been mentioned towards the "Cost incurred by CMPDIL and other Government agencies, if any, in deriving detailed geographical boundary coordinates and in preparing geological report, if any, inclusive of taxes". The said amount might pertain to 192 boreholes and not 14 boreholes.	
		 The following data to be provided: 1. Geological Report covering MBKE and CMBK boreholes series also. 2. All Annexures and plates for MBKE and CMBK series. 	
		Kindly appreciate that concerns raised are key for assessing the bid values for the blocks and critical for deciding on going ahead with participation in Bidding for this block.	
18	Phatehpur South	 1. Mine Summary: a. As per Mine Summary "North-eastern boundary touches boundary of Lemru Elephant Reserve at two places." In recent judgement "In Re : T.N. Godavarman vs Union Of India And Ors. on 26 April, 2023", Hon. Supreme Court as emphasised no mining activity within ESZ zone. Kindly clarify whether mining will be permitted in the Phatehpur 	 Mine Summary: Permissions, prohibitions, etc. of different activities in and around the ESZ would be as per the prevailing statutory provisions, Guidelines and Orders, etc. in this regard. Geological Report: GR for the block shall be provided in the mine dossier of the

SI.	Name of Mine	Query	Response
No.			
		South Coal Block or not and necessary clearances shall be	coal mine shortly.
		accorded.	
			3. Mandatory Work Program:
		2. Geological Report:	a. The timeline for preparation of GR shall be as per the provisions of
		a. None of the plates and many annexure provided as part of	the tender document.
		Mine Dossier are legible. Kindly provide Auto Cad files/soft	
		copies of the plates and readable annexure which are readable.	
		3. Mandatory Work Program:	
		a. As per Mandatory Work Programme, Successful Bidder is	
		required to complete 61,200 meters drilling.	
		Existing BH density is only 0.84 BH/Sq Km. Efficiency Parameters	
		only allow 15 months for preparation of GR.	
		This block is Regionally Explored and hence atleast 3 years must	
		be allowed for completing exploration.	
		Presently Chhattisgah Government is taking long time to issue	
		PL and hence timelines for exploration and GR preparation must	
		start after issuance of PL.	