

**Response to Bidder against query submitted in pre-bid conference dated 23<sup>rd</sup> July 2024 - Rate Contract Bid for Development & Operation of Mineral Sands Mine at Brahmaqiri, Odisha**

SL No	Doc Ref	EXISTING PROVISION	CLARIFICATION REQUIRED	SUGGESTED TEXT FOR AMENDMENT, IF ANY	RATIONALE	RESPONSE TO QUERY BY IREL
1	Page 16, Para 6 of RFP, S.N 5	Total lease area: 1487.746 Ha	Please provide a map of the mining lease, indicating the locations and area for the mineral separation plant (MSP) and the sub-station.		Is MSP lying in mine lease area? Mining lease area involves CRZ 1A, 1B area. As per CRZ guidelines, mechanized mining of heavy mineral sands is not permitted in theses area. So effectively area of mining will reduce after consideration of these areas.	Prospective bidders may reach out to IREL vide email for the following: <ul style="list-style-type: none"> <li>• <b>Area map of the mining lease area.</b></li> <li>• <b>Map of the area envisaged for mining within the lease.</b></li> <li>• <b>Designated area for Mineral Separation Plant (MSP) within the lease area.</b></li> <li>• Extracts of the executive report for exploration</li> </ul> <p>Contact details for the same is as follows: Concerned official: <a href="#">J K Patnaik</a> Email ID: <a href="mailto:jkpatnaik@irel.co.in">jkpatnaik@irel.co.in</a></p> <p>However, it is clarified that no other document shall be shared by IREL.</p>
2	Page 16, Para 6 of RFP, S.N 5	Total lease area: 1487.746 Ha	Southern end of mining lease area has 'Harchandi temple', Mukteshwar temple, chhanu river, and some			Estimation of Mineral Sand reserves has been undertaken after excluding the areas for the structures like temples and rivers. Hence, the envisaged volume / quantity of Mineral Sand to be mined in the lease area shall not be affected due to these structures.

SL No	Doc Ref	EXISTING PROVISION	CLARIFICATION REQUIRED	SUGGESTED TEXT FOR AMENDMENT, IF ANY	RATIONALE	RESPONSE TO QUERY BY IREL
			<p>human settlement in the form of villages. How one can do wet mining in this area ? It is not possible to divert chhanu river and relocate temple. If this area needs to be left then again effective mining lease area will reduce ?</p>			
3	Page 16, Para 6 of RFP, S.N 5	Total lease area: 1487.746 Ha	Please share kmz file of mining lease area incorporating HTL, CRZ- 1A, and CRZ -1B to find out effective mining lease area available to bidder.		Mining lease area involves CRZ 1A, 1B area. As per CRZ guidelines, mechanized mining of heavy mineral sands is not permitted in these area. So effectively area of mining lease will reduce after consideration	Though the applied mining lease area of Brahmagiri project falls within the Coastal Regulation Zones (CRZ), with reference to the notification of Ministry of Environment & Forest dated 19.02.1991, read with subsequent amendments, mechanized mining is not permitted in 1B(manual mining is allowed in Inter-Tidal Zone), rest of the areas mechanized mining is permitted.

SL No	Doc Ref	EXISTING PROVISION	CLARIFICATION REQUIRED	SUGGESTED TEXT FOR AMENDMENT, IF ANY	RATIONALE	RESPONSE TO QUERY BY IREL
					of these areas.	
4	Page 163, Para 18.2.2 of MSA	Quantity of Heavy Minerals in HM Concentrate output shall be done right before it is delivered at the designated delivery point(s). Such weighment shall be done through a Mass-Flow meter installed on the pipeline transporting the concentrate to the delivery points.	For WUP, HMC shall be pumped to MSP. At what slurry concentration			The grade / concentration of HM Concentrate received as output from WUP shall be as per the quality requirements mentioned in Section 16.5 of MSA.
5	Para 18.2.2 of MSA	Concentrate output shall be done right before it is delivered at the designated delivery point(s). Such weighment shall be done through a Mass-Flow meter installed on the pipeline transporting the concentrate to the delivery points.	IREL wish to receive HMC at MSP for further processing?			Yes, IREL intends to receive the HM Concentrates near the MSP for further processing.  It is to be clarified that the MDO's scope of work is limited till delivery of concentrate output at the delivery point(s).
6	(No clause)	IREL prefers to have wet mining. Wet mining involving use of dredger and floating WUP.	As ROM sands of Bramhagiri has slimes ( <63 micron) in the range 0.26% to 19.95%, such high percentage can not be ignored and ROM sands slurry need to be deslimed before feeding to spiral . In a floating WUP,		These slimes cannot be discarded directly into dredge pond.	These slimes to be stockpiled and used for refilling of mined out area.

SL No	Doc Ref	EXISTING PROVISION	CLARIFICATION REQUIRED	SUGGESTED TEXT FOR AMENDMENT, IF ANY	RATIONALE	RESPONSE TO QUERY BY IREL
			how to take care of these slimes?			
7	<b>Page 25 of 94, Para 8.5.6 of RFP</b>	Supporting documents required to meet the financial criteria: Bidder is required to submit the following document after getting notarized from Public Notary: a) its audited financial statements as a standalone entity. b) Certificate from the current Statutory Auditor of the Bidder along with breakup of the calculations of Turnover and Net worth as per definition and requirements in this Tender Documents. c) Certificate from the current Statutory Auditor of the Bidder for annual Cash Accrual as per definition and requirements in this Tender Documents.	So far the Financial document in respect to FY 23-24 is concerned, whether the un audited balance sheet duly certified by the Chartered Accountant will be sufficient to meet the requirement of submission of the document of FY 23-24 for the time being. (Final audited balance sheet etc. will be submitted as soon as the audit is complete subject to a maximum time limit of 30 <sup>th</sup> Sep 2024)		The preparation of final audited balance sheet of the immediate preceding financial year takes 5 to 6 month time after the financial year ending i.e. after 31st March	In the absence of audited financial statements for FY 2023-24, the bidder may submit the financial statements after getting them certified by a Chartered Accountant. The UDIN of the CA must be mentioned in the certificate.  It is to be clarified that this shall be applicable solely for the financial year FY 2023-24.

SL No	Doc Ref	EXISTING PROVISION	CLARIFICATION REQUIRED	SUGGESTED TEXT FOR AMENDMENT, IF ANY	RATIONALE	RESPONSE TO QUERY BY IREL
8	Para 2.2.1 and 2.2.2 of MSA	MDO shall undertake G1 level of exploration of the Mineral Sand deposit in accordance with Schedule B of the Atomic Minerals Conservation Rules, 2016/2019 and prepare a Geological Report for estimation and reporting of Mineral Resources integrating all data of exploration, sampling and testing generated through processes including but not limited to drilling, logging, laboratory analysis, technological studies etc. All such data generated through these processes and the geological report shall be submitted to IREL.	<p>a. Please confirm that the mining plan for the project shall be prepared based onto the G2 level of exploration.</p> <p>b. Please confirm whether the data for G2 level of exploration and geological reports available with IREL shall be shared with MDO in both hard and soft copy. If point (a) is confirmed, then the G2 level inputs shall be required for the MDO to prepare the mining plan accordingly and get it approved.</p> <p>c. Please also confirm whether the commencement of project could be started</p>		Mining Plan can be prepared with G2 level of exploration and accordingly mining can start. Further the geological data can be updated simultaneously by improving the exploration from G 2 to G1	<p>a. It is clarified that G2 level exploration of the mining lease area has already been carried out, which is needed for detailed mine planning and financial viability evaluation as per Atomic Minerals Concession Rules 2016/2019. Hence, Mining Plan can be prepared with the same.</p> <p>b. Executive Report of the G2 level of exploration as prepared by Atomic Minerals Directorate for Exploration and Research, shall be shared with MDO. Scanned copy of the document shall be shared.</p> <p>c. As there wouldn't be any dependency over G1 level exploration for other development activities, the exploration may be carried out simultaneously with mining operations. Nonetheless, maintaining the quality of HM Concentrate output as per the requirements specified in Section 16.3, 16.4 and 16.5 of MSA is MDO's obligation, which would depend upon the grade of the Mineral Sand being mined.</p>

SL No	Doc Ref	EXISTING PROVISION	CLARIFICATION REQUIRED	SUGGESTED TEXT FOR AMENDMENT, IF ANY	RATIONALE	RESPONSE TO QUERY BY IREL
			<p>before completion of G1 Level of exploration provided that bidder shall define the G1 exploration plan in the approved mining plan which shall be done during the operation period to validate the resources and revise the mining plan accordingly if needed.</p>			