

**Request for Proposal**

**For**

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**Technical Services for the Preparation of Pre-feasibility study for Setting up of  
Beneficiation Plant for GMDC's Copper Project Ambaji in Gujarat, India**

**RFP No. GMDC/PPD/002/25-26**

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**Answer to Pre-Bid Queries and Corrigendum 2**

**Gujarat Mineral Development Corporation**

**August 2025**

Sl. No.	Clause No.	Details of clause	Pre-Bid queries/ Clarification required	Response / Addendum / Corrigendum if any
1.	SECTION II: TERMS OF REFERENCE/ SCOPE OF WORK	<b>Task 2</b> : the grinding, crushing, packing and transportation of samples from the site shall be the responsibility of Service Provider at its own cost and risk. Service provider may use GMDC's lab facilities for this work.	<b>Task 2:</b> Metso will only provide the specification of sample like Size of sample, quantity and SOPs for sampling before dispatch. Any collection from site, crushing, packing, and transportation of samples from the site shall be the responsibility of GMDC.	<p>GMDC shall provide resources in terms of laborers and equipment for the sample preparation from site including the crushing, grinding, coning and packaging of the samples.</p> <p>The Service Provider shall deploy its personnel to guide and supervise the sample preparation, and it shall assume the responsibility of representative sample.</p> <p>The Service Provider shall be responsible for the transportation of samples from the mine site to its lab. The transportation costs shall be reimbursed by GMDC at actual on submission of requisite supporting evidence. The Service provider shall need to present the options for the mode of transport and take GMDC 's consent prior to sending sample to its lab.</p>
2.	SECTION II: TERMS OF REFERENCE/ SCOPE OF WORK	<b>Task 3 (a)</b> :Closed circuit Lab scale Flotation Tests.	<b>Task 3:Part (a)</b> of task 3 is basically test facility/lab work and should be included in Task 2	<p>The objectives of task 2 is to undertake minerology study and thereafter Metallurgical Testing for analyzing the liberation of minerals including trace minerals through lab scale open circuit testing.</p> <p>The open circuit flotation prepared based on lab scale test can be used as a base for deriving the flowsheet options in a lab scale closed circuit. Owing to dependencies of task 3(a) on the outcome of Task 2, both have been specified as different tasks.</p>

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3.	SECTION II: TERMS OF REFERENCE/ SCOPE OF WORK	<b>Task 4 A</b> :Tailing Storage Facility / Infrastructure: The Service Provider shall indicate the nature of tailings and shall suggest the form of disposal to be considered in line with a sustainable and minimal harm approach.	Task 4 A : Metso will not perform the design of TSF/Infrastructure. This is excluded from our scope.	Please note that design preparation is not required at this stage. However, the Service Provider is expected to specify the following. <ul style="list-style-type: none"> <li>• Nature, characteristics, and chemical composition of the tailings, as well as settling time data.</li> <li>• Suggest an appropriate disposal method that aligns with sustainable practices and minimizes environmental impact.</li> <li>• Broad layout and planning.</li> </ul> <p>The detailed design of the TSF shall be undertaken by another consultant which shall be appointed by GMDC at a later stage.</p>
4.	SECTION II: TERMS OF REFERENCE/ SCOPE OF WORK	<b>Task 4 B</b> : Dewatering Facility	Task 4 B : This is OK, however our battery limits regarding the final tailings is the production of tailings in required form (thickened slurry/paste/filter cake). The transportation, handling, distribution and storage are not included.	Agreed. Please refer to answer to Prebid query no 3 and pre bid query no 75.
5.	SECTION II: TERMS OF REFERENCE/ SCOPE OF WORK	<b>Task 4 C</b> : Other Facilities	Task 4 C : This is excluded	Please note that design preparation is not required at this stage. However, the Service Provider is expected to provide broad/ high level layout and capacities for the other facilities such as required power, water, land etc. related to beneficiation plant based on its previous experiences.
6.	SECTION II: TERMS OF REFERENCE/ SCOPE OF WORK	<b>Task 5 A</b> : Capex and Opex with a level of accuracy of at the most $\pm 50\%$	Task 5 A : We will provide CAPEX-OPEX estimate for the beneficiation plant only, not the total project	Agreed
7.	SECTION II: TERMS OF	<b>Task 5 B</b> : Identification of trade off studies	Task 5 B :This is OK	Ok

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8.	SECTION II: TERMS OF REFERENCE/ SCOPE OF WORK	<b>Task 6 A</b> : Project Risks identification	Task 6 A : This is excluded. Metso will not carry out any project risk assessment beyond the metallurgical risks.	Agreed																																										
9.	SECTION II: TERMS OF REFERENCE/ SCOPE OF WORK	<b>Task 6 B</b> : Forward work plan	Task 6 B : This is OK	ok																																										
10.	SECTION II: TERMS OF REFERENCE/ SCOPE OF WORK	<b>Task 7</b> : Project Schedule	Task 7 : We will only provide project schedule estimate for the beneficiation plant, not the full project.	Yes, your understanding is correct.																																										
11.	SECTION II: TERMS OF REFERENCE/ SCOPE OF WORK	<table border="1"> <thead> <tr> <th>Sr No.</th> <th>Milestone</th> <th>Timeline for Milestone</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Preliminary Review and Site Visit</td> <td>T1 + 1 month</td> </tr> <tr> <td>2</td> <td>Submission of Report for Task 2: i.e Mineralogical and Metallurgical Testing</td> <td>T2 + 2 months</td> </tr> <tr> <td>3</td> <td>Submission of Report on Task 3 i.e Flowsheet Development</td> <td>T2 + 4 months</td> </tr> <tr> <td>4</td> <td>Submission of draft Pre-feasibility Report</td> <td>T2 + 5 months</td> </tr> </tbody> </table>	Sr No.	Milestone	Timeline for Milestone	1	Preliminary Review and Site Visit	T1 + 1 month	2	Submission of Report for Task 2: i.e Mineralogical and Metallurgical Testing	T2 + 2 months	3	Submission of Report on Task 3 i.e Flowsheet Development	T2 + 4 months	4	Submission of draft Pre-feasibility Report	T2 + 5 months	<p>DELIVERABLES</p> <p>Metso proposes following deliverable timelines</p> <table border="1"> <thead> <tr> <th>No</th> <th>Milestone</th> <th>Timeline for Milestone</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Preliminary Review and Site Visit</td> <td>T1 + 1 month</td> </tr> <tr> <td>2</td> <td>Submission of Report for Task 2: i.e Mineralogical and Metallurgical Testing</td> <td>T2 + 6 months</td> </tr> <tr> <td>3</td> <td>Submission of Report on Task 3 (a) i.e Flowsheet Development</td> <td></td> </tr> </tbody> </table>	No	Milestone	Timeline for Milestone	1	Preliminary Review and Site Visit	T1 + 1 month	2	Submission of Report for Task 2: i.e Mineralogical and Metallurgical Testing	T2 + 6 months	3	Submission of Report on Task 3 (a) i.e Flowsheet Development		<p>The timeline of Deliverables stands amended as below.</p> <table border="1"> <thead> <tr> <th>No</th> <th>Milestone</th> <th>Timeline for Milestone</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Preliminary Review and Site Visit</td> <td>T1 + 1 month</td> </tr> <tr> <td>2</td> <td>Submission of Report for Task 2: i.e Mineralogical and Metallurgical Testing</td> <td>T2 + 4 months</td> </tr> <tr> <td>3</td> <td>Submission of Report on Task 3 i.e Flowsheet Development</td> <td>T2 + 8 months</td> </tr> <tr> <td>4</td> <td>Submission of draft Pre-feasibility Report</td> <td>T2 + 9 months</td> </tr> </tbody> </table>	No	Milestone	Timeline for Milestone	1	Preliminary Review and Site Visit	T1 + 1 month	2	Submission of Report for Task 2: i.e Mineralogical and Metallurgical Testing	T2 + 4 months	3	Submission of Report on Task 3 i.e Flowsheet Development	T2 + 8 months	4	Submission of draft Pre-feasibility Report	T2 + 9 months
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			covering all tasks (Task 1 to Task 7)			<b>4</b>	Task 3 (b) to Task 7	T2 + 10 months			covering all tasks (Task 1 to Task 7)						
		<b>5</b>	Submission of final Pre-feasibility report with all tasks / Deliverables	T2 + 6 months		<b>5</b>	Submission of final Pre-feasibility report	T2 + 11 months		<b>5</b>	Submission of final Pre-feasibility report with all tasks / Deliverables	T2 + 10 months					
			<i>"T1" refers to Commencement Date which shall be within 15 days from the date of signing of the Agreement.</i>				<b>6</b>	Submission of final Pre-feasibility report with all tasks / Deliverables	T2 + 12 months			<i>"T1" refers to Commencement Date which shall be within 15 days from the date of signing of the Agreement.</i>					
			<i>"T2" refers to the date of receipt of sample at the designated testing facility of the Service Provider</i>									<i>"T2" refers to the date of receipt of sample at the designated testing facility of the Service Provider.</i>					
12.	SECTION IV: SERVICE FEES AND PAYMENT TERMS	<b>1</b>	Preliminary Review and Site Visit	T1 + 1 month	15%	Payment terms (page 48)								The Payment terms stands amended as below.			
		<b>2</b>	Submission of Report for Task 2: i.e Mineralogical and Metallurgical Testing	T2 + 2 months	15%	Metso suggests following payment terms :											
		<b>3</b>	Submission of Report on Task 3 i.e Flowsheet Development	T2 + 4 months	25%	<b>1</b>	Preliminary Review and Site Visit	T1 + 1 month	20%	<b>2</b>	Submission of Report for Task 2: i.e Mineralogical and Metallurgical Testing	T2 + 6 months	40%	<b>No</b>	<b>Milestone</b>	<b>Timeline for Milestone</b>	<b>% of Fees</b>
		<b>4</b>	Submission of draft Pre-feasibility Report covering all tasks (Task 1 to Task 7)	T2 + 5 months	25%	<b>3</b>	Submission of Report on Task 3 (a) i.e Flowsheet Development			<b>3</b>	Submission of Report on Task 3 i.e Flowsheet Development	T2 + 8 months	35%	<b>1</b>	Preliminary Review and Site Visit	T1 + 1 month	15%
		<b>5</b>	Submission of final Pre-feasibility report with all tasks / Deliverables	T2 + 6 months	20%	<b>4</b>	Task 3 (b) to Task 7	T2 + 10 months	20%	<b>4</b>	Submission of final Pre-feasibility report	T2 + 11 months		<b>2</b>	Submission of Report for Task 2: i.e Mineralogical and Metallurgical Testing	T2 + 4 months	20%
			Total		100%	<b>5</b>	Submission of final Pre-feasibility report	T2 + 12 months	20%	<b>3</b>	Submission of Report on Task 3 i.e Flowsheet Development	T2 + 8 months	35%	<b>4</b>	Submission of draft Pre-feasibility Report covering all tasks (Task 1 to Task 7)	T2 + 9 months	20%
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13.	General		<p>General:</p> <p>Metso would like to raise its concern that being involved in such feasibility study project there should not be any conflict-of-interest concern at later stage when main project of plant execution is announced after project approval. Metso should not be barred from participating in main project tender as they have done the test work, basic engineering in feasibility study project if conflict of interest issue is raised by other bidders. Being part of the feasibility study, Metso will not be signatory/party in any of the statutory clearances from government authority or internal approvals.</p>	This is being PFS Study, no conflict of interest would be applicable.																	
14.	Cl. 7.2 of SECTION V: CONTRACT TERMS AND CONDITIONS	<p>Clause 7.1: Performance Security (5%)</p> <p>Clause 7.2.2: (Liquidated Damages: 10%)</p>	<p>Liquidated damages:</p> <p>In liquidated damages section 7.2.2 LD is mentioned as 10% however same is mentioned as 5% in section 7.1</p>	Please note the Performance Security as specified in clause 7.1 is 5% of the Service Fees whereas applicable LDs and total liabilities are capped at 10% as per the clause 7.2.2																	
15.	Scope of Work	Task 2.1 Sampling	What is the expected mineralogical variability (oxide/sulphide ratio, zonation, alteration effects) across the Ambaji deposit? This directly impacts the design of test work and selection of flotation reagents.	Details to be provided by GMDC																	
16.	Scope of Work	Task 2.1 Sample Collection	Will GMDC provide geological block models, assay logs, lithology data and spatial distribution of Cu-Pb-Zn mineralization to	Yes, GMDC shall provide geological block models, assay logs, lithology data, and spatial																	

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			enable proper sample point selection and domain classification?	distribution to the successful Service Provider/Bidder.
17.	Scope of Work	Task 2.3: Comminution Tests	What is the expected hardness variation across litho-types? Are initial UCS (uniaxial compressive strength), AI (abrasion index), and BWi (Bond Work Index) values already available from GMDC or should these be established.	National Institute of Rock Mechanics (NIRM) had completed the Geo technical study of Ambaji deposit.  The bond work index is 14. Additional details to be provided by GMDC
18.	Scope of Work	Task 2.3 (Flotation)	Are specific target concentrate grades and recoveries expected in the closed-circuit lab trials?	The current expectation of the recovery is 100%.
19.	Scope of Work	Task 2.3 (Tailing Testing)	For tailing rheology and settling tests, will GMDC provide any site water chemistry data (pH, TDS, ion concentrations), which can greatly impact flocculation and ZLD planning	the Service Provider shall be expected to independently assess/ verify the water chemistry data.
20.	Scope of Work	Task 3 (Trace Minerals)	Is recovery of Ag, Cd, In, Mo, Co (as potential by-products) to be evaluated during test work, or should they be only tracked in concentrates and tailings for now?	The recovery of trace elements shall be assessed during testing, both in the concentrates and in the tailings.
21.	Scope of Work	Task 4 (Tailings)	Will dry stack tailing storage be a preferred strategy or can conventional thickened slurry TSF be considered in the pre-feasibility options?	The Preference is for dry stack tailing storage as GMDC intends to have "Zero Liquid Discharge (ZLD)". However, the Service Provider may suggest suitable environmentally friendly option.
22.	Scope of Work	Task 6 (Project Risks)	Should risk analysis include geometallurgical uncertainty, i.e., how mineralogy/ore hardness/reagent demand could vary year-on-year during mine life?	Yes.
23.	General Query		Is it necessary to measure gold and silver recoveries on the flotation tests. The Au/Ag are not mentioned in the RFP, but these metals are commonly tracked in Cu-Pb-Zn projects. The	The recovery of trace elements shall be assessed during testing, both in the concentrates and in the tailings.

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			Au/Ag are not mentioned in the RFP, but these metals are commonly tracked in Cu-Pb-Zn projects.	
24.	Payment Terms	Payment to be made in INR and price to be quoted in INR/ USD. Exchange rate prevailing as on 23 <sup>rd</sup> June, 2025 shall be used to arrive at Prices in INR	SGS proposes, Forex rate should be considered as per the exchange rate on the date of payment.	RFP Conditions prevail.
25.	Clause 2.4 (b)	Extension:  GMDC may extend Contract Period in mutual agreement with the Service provider (i) if TOR is incomplete/not executed on time due to reasons not attributable to the Service provider or with valid reasons or occurrence of Force Majeure Events or occurrence of undeniable events and / or (ii) need for the extension so arises for any reason deemed fit to GMDC.	Any delay in the project due to unavoidable reason to be considered for timeline extension and also to be considered for escalation in case of delay over 12 months.	Any delay due to reasons not attributable to the Service Provider may be considered for the extension. In case of extension beyond 12 months due to such reasons, an annual escalation based on <b>prevailing inflation in India</b> on the remaining fees amount shall be provided.
26.	General Queries		The anticipated feed grades of 2% Cu, 4% Pb, and 4% Zn and also Au, Ag, and in assays need to be tracked. Could you kindly confirm if you have any indicative feed grades for Au, Ag, and in as well?	GMDC does not have such information currently.
27.	SECTION II: TERMS OF REFERENCE/SCOPE OF WORK		SGS Proposes the following: Business to ensure that the scope is within the ambit of their work.  It is suggested to avoid future allegations of wrongful work done.	The clause specified in clause 1.5 a) of section II to be referred.
28.	SECTION III: INSTRUCTIONS TO BIDDERS- Article 2.3	<b>Governing Law and Jurisdiction</b>  The Bidding Process shall be governed by, and construed in accordance with, the laws of India and the Courts at Ahmedabad/Gandhinagar in India shall have exclusive jurisdiction over all	This is suggested to have a clear accessible forum for adjudication.	RFP Conditions prevail. Please note any disputes can be resolved through dispute resolution mechanism provided in clause 9 of Section V.

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		disputes arising under, pursuant to and/ or in connection with the Bidding Process.		
29.	SECTION III: INSTRUCTIONS TO BIDDERS- Article 2.4 (b)	It shall be deemed that by submitting the Bids, the Bidder agrees and releases GMDC, its employees, agents and advisers, irrevocably, unconditionally, fully and finally from any and all liability for claims, losses, damages, costs, expenses or liabilities in any way related to or arising from the exercise of any rights and/ or performance of any obligations hereunder, pursuant hereto and/ or in connection with the Bidding Process and waives, to the fullest extent permitted by applicable laws, any and all rights and/or claims it may have in this respect,	SGS Proposes the following: It should be deleted.  This is suggested to avoid any waiver of rights	Please note GMDC intends to indemnify itself ) from all liabilities arising from any claims of costs, expenses or any other liabilities related to submission of Bidder's Bid/ Proposal. GMDC shall not bear any costs whatsoever claimed by the Bidder for the submission of its Bid/ Proposal. This clause indicates this only.  Whereas the liabilities of the Service Provider post the award of the work has already been capped as per clauses 3.3, 3.10 and 7.2 of Section V.
30.	SECTION III: INSTRUCTIONS TO BIDDERS- Article 7.3 (vii)	GMDC shall be entitled to forfeit and appropriate the amount of Performance Security in whole or in part: a) in the event GMDC requires to recover any sum due and payable to it by the Service provider including but not limited to Damages; and which the Service provider has failed to pay in relation thereof; and b) In relation to Service provider's breach in accordance with the terms contained in the Agreement.	SGS Proposes the following: It should be deleted.  This is suggested to avoid one sided arbitrary forfeiture.	Please refer to clause 7.1 (d) (ii) of the Section V of the RFP.  Please note the forfeiture of the Performance Security shall be a last resort and it shall be exercised only if Service Provider is in breach of its obligations and such obligations are not cured in reasonable Remedial Period Provided by GMDC/ decided in mutual consultations.  Above referred clause specifies above.
31.	SECTION III: INSTRUCTIONS TO BIDDERS- Article 8 (b)	Without prejudice to the rights of GMDC under sub Clause (a) hereinabove and the rights and remedies which GMDC may have under the LOA or the Contract or otherwise if a Bidder or Service provider as the case may be, is found by GMDC to have directly or indirectly or through an	SGS Proposes the following: It should be deleted.  This is suggested to avoid arbitrary debarments.	RFP conditions prevail. Any fraudulent practice /corrupt practices would attract consequences as per this clause.

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		agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Bidding Process, or after the issue of the LOA or the execution of the Contract and/or otherwise, such Bidder or Service provider shall not be eligible to participate in any tender or RFP issued by GMDC during a period of 2 (two) years from the date such Bidder or Service provider as the case may be, is found by GMDC to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practices, as the case may be.		
32.	SECTION IV: SERVICE FEES AND PAYMENT TERMS- Article 2 (b)-Invoicing and payment milestones		SGS Proposes the following: It should be added " This timeline shall be followed for services rendered during force majeure. In the event of delay in payment, 18 % per annum interest shall be levied on amount payable from its due date and it shall be applicable till its realisation. "  It is suggested to avoid delay in payment and to avoid one sided deduction.	Please refer to response to pre bid query no 16 for escalation. The interest on unpaid fees shall not become payable.
33.	SECTION V: CONTRACT TERMS AND CONDITIONS- Article 7.1(d)	GMDC shall be entitled to forfeit and appropriate the amount of the Performance Security in whole or in part:  i) In the event GMDC requires to recover any sum due and payable to it by the Service provider including but not limited to Damages; and which the Service provider has failed to pay in relation thereof; and	SGS Proposes the following: It should be deleted.  This is suggested to avoid one sided forfeiture.	Please refer to answer to Pre bid query no 30.

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		ii) In the event of the Service provider’s breach of its obligations and if such breach is not cured with the remedial period as per the terms of the Agreement. iii) If the Service provider fails to purchase, renew and maintain in full force and effect, any or all of the insurances required under the Contract as per provisions of this Agreement.		
34.	SECTION V: CONTRACT TERMS AND CONDITIONS- Article 3.10 (iii)		SGS Proposes the following: It should be added and stated herein that “Notwithstanding anything to the contrary, the aggregate maximum liability of the Service Provider under this Contract shall not exceed the fees received by it under this Contract or USD 20,000 or actual loss, whichever is less. Further, the Service Provider shall not be liable for any indirect or consequential loss.”  This is suggested to limit the liability.	Please note the maximum liability is already capped at the fees received by the Service Provider as per the clause 3.3.2 except in case of liabilities pertaining to Agency’s deployed staff as per clause 3.10 (ii) and third-party claims of Bidder/ Service Provider's any vendor/ its sub-contractors / its outsource agency's infringement of patent, trademark or industrial design rights arising from use of the Goods any part thereof of as per the clause 3.1.1 . These clauses remain unchanged.  However, to impart clarity on liability pertaining to consequential losses, following para stands inserted.  “Neither the Service Provider nor GMDC shall be liable to the other for any indirect and consequential losses or indirect loss of profit, loss of use, loss of revenue, downtime facility, loss of production, loss of interest, loss of goodwill, loss of contract”.
35.	Annexure 12: Format for Bank		SGS Proposes the following: The words " without any demur" ,"merely on demand" and" without demur " should be removed wherever	These are standard legal clauses in Government contracting in India. Please note, forfeiture of performance security shall be rare and last

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	Guarantee for towards Performance Security		<p>appearing. The phrase " Any such demand on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee" in point 2 should be removed.</p> <p>Thus, is suggested to avoid waiver of rights due one-sided terms.</p>	resort as per the response to pre bid query No 30.
36.	Annexure 12: Format for Bank Guarantee for towards Performance Security Points 3,4 ,6 &7	<p>3) We _____ (Name of the Bank) further agree that GMDC shall be the sole judge of and as to whether the Contractor has committed any breach or breaches of terms and conditions of the said Bidding Document and the extent of loss, damages, costs, charges and expenses caused to or suffered by or that may cause to or suffered by GMDC on account hereof to the extent of the Bid Security required to be deposited by the Contractor in respect of the said document and the decision of GMDC that the Contractor has committed such breach or breaches and as to the amount or amounts of loss, damages, costs, charges, and expenses caused to or suffered by or that may be caused to or suffered by GMDC shall be final and binding on us.</p> <p>4) We _____ (Name of the Bank) undertake to pay to the GMDC any money so demanded notwithstanding any dispute or disputes raised by the said contractor (s) in any suit or proceeding pending before any forum of law relating thereto our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment</p>	<p>SGS Proposes the following: It should be deleted.</p> <p>This is to avoid waiver of rights</p>	These are the standard clauses used by GMDC. GMDC is prepared to address any specific concerns. Therefore RFP conditions prevail.

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		<p>there under and the said contractor (s) shall have no claim against us for making such payment.</p> <p>6) We _____ (Name of the Bank) further agree with you that you have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Bidding Document or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by you against the said Contractor and to forbear or enforce any of the terms and conditions relating to the said Bidding Document and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor or for any forbearance act or omission on your part or any indulgence by you to the said Contractor or any such matter or thing whatsoever under the law relating to sureties would but for this provision have effect of so relieving us. The Bank further agrees that in case this guarantee is required for a longer period, the bank may extend the same.</p> <p>7) We _____ (Name of the Bank) further undertake to unconditionally pay the amount claimed by GMDC merely on demand and without demur to the extent aforesaid.</p>		

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37.	Scope of Work Task 2 a) (ii)	<p>Sample collection methodology is to be defined by the Service Provider based upon the sample point identified. GMDC shall assist in collection of samples from the site under the supervision of the Service Provider in terms of drilling, carving out ore etc by deploying manpower and machineries. However, it may be noted that the grinding, crushing, packing and transportation of samples from the site shall be the responsibility of Service Provider at its own cost and risk. Service provider may use GMDC's lab facilities for this work.</p> <p>(iii) Further, activities such as crushing, blending, and splitting to be carried out by the Service Provider for sample preparation.....</p>	The source of the drill core samples required for metallurgical testwork and any other tests (e.g., geotechnical) must be determined (ideally from new drill core and /or existing core if suitable and not oxidised).	Your understanding is correct. Please refer to answer to Pre bid query no 1 for details regarding the responsibilities of sample preparation.
38.	General Query		SLR would need to review the Mineral Resource and Ore Reserve/Mine Design as these are integral and influential to Process Design.	GMDC shall provide all details/ reports/ studies available with it to the Successful Bidder. The list of reports available with GMDC is specified in clause 3 of section II.
39.	General Query		Assuming it an international PFS, then the ESG component is important (Environmental Social Governance) and base line surveys will be required as soon as possible (which can take up to a year).	It can be taken up in the next stage of Feasibility study and ESG is not a part of the current scope.
40.			As informed during the Pre-bid meeting, we understand GMDC was operating a pilot plant in the early 90's. We request GMDC to share the process flowsheet/process flow diagram of that pilot plant for producing the copper, Lead and Zinc concentrate.	The same shall be shared with the successful bidder after the award of the work and post the signing of a Non-Disclosure Agreement.
41.			As the scope includes various testing works which needs to be carried out at a reputed laboratory, we have to get various details from	Please refer to Corrigendum 1. The Bid submission date is extended till 28 <sup>th</sup> August, 2025

Sl. No.	Clause No.	Details of clause	Pre-Bid queries/ Clarification required	Response / Addendum / Corrigendum if any
			them and it requires some additional time. Considering this and the time required for preparing the technical and commercial offers with the detailed scope of work involved, we request GMDC to kindly provide us additional time until 30th August 2025 so we can compile the required information and submit our offer.	
42.			We had already submitted our Pre-bid queries vide email dated 18th July 2025 and resent on 22nd July 2025.	All queries have been answered.
43.			We once again request GMDC to clarify the above and also request to extend the last date of bid submission up to 30th August 2025.	Please refer to Corrigendum 1. The Bid submission date is extended till 28 <sup>th</sup> August, 2025
44.	5.1 Pre-Qualification Criteria (iv)	The Bidder should have satisfactorily completed Preparation of at least one <b>Detailed Project Report/ Feasibility Study/Detailed Engineering for beneficiation plant</b> of metal project involving flotation studies, in the last ten completed years and current year (2014 to 2025)	<p>a) We request GMDC to consider Concept engineering / basic engineering as well in addition to DPR/FR/Detailed Engineering.</p> <p>b) We request GMDC to consider beneficiation plant of any <b>Mineral project</b> involving flotation studies.</p>	<p>a) The clause 5.1 (iv) stands amended as below.</p> <p>The Bidder should have satisfactorily completed Preparation of at least one Detailed Project Report/ Feasibility Study/Detailed Engineering/<b>basic engineering</b> for beneficiation plant of metal project involving flotation studies, in the last ten completed years and current year (2014 to 2025).</p> <p>b) RFP conditions remain unchanged</p>
45.	5.1 Pre-Qualification Criteria (iii)	The Bidder must have an average annual audited revenue of INR 100 crore OR USD 11.54 million or equivalent (for foreign firms) for last three years	In our view, this value seems high considering the consultancy scope of work for this tender and we feel it may not be in line with the CVC guidelines / Govt Procurement Manuals. We request GMDC to reconsider this and request to consider minimum average annual revenue of INR 40 Crore for last three years	RFP conditions remain unchanged

Sl. No.	Clause No.	Details of clause	Pre-Bid queries/ Clarification required	Response / Addendum / Corrigendum if any
46.	5.1 Pre-Qualification Criteria (ii)	Consortiums are not permitted to participate	We request GMDC to allow participation of consortium, as it involves various test works along with the preparation of feasibility report	RFP conditions remain unchanged
47.	Terms of Reference / Scope of work  Task - 2 & Task 3	Lab scale testing in closed circuit	Generally, mineralogical testing, metallurgical testing and lab scale testing including closed circuit flotation tests are carried out by the client.  Engineering consultants use these data to develop the flowsheet with mass and water balance and develop the further feasibility studies. We request GMDC to conduct task 2 and task 3 (lab scale closed circuit flotation testing) by themselves and request to remove it from the scope of the consultant. In case if it is not possible then we request GMDC on the following:	RFP conditions remain unchanged
48.	1.2 a) Sampling and Sample Preparation ii)	However, it may be noted that the grinding, crushing, packing and transportation of samples from the site shall be the responsibility of Service Provider at its own cost and risk. Service provider may use GMDC's lab facilities for this work.	We request GMDC to crush and grind the samples at their lab free of cost to the consultant / service provider, so that the service provider can transport it for testing	Please refer to answer to Prebid query no 1
49.	Terms of Reference / Scope of work Task – 2 & Task 3	<b>Lab scale testing in closed circuit</b>	GMDC to confirm whether GMDC's lab has all the major testing facilities (including closed circuit floatation tests), so that the tests indicated in task 2 & task 3 can be completed in GMDC lab. And GMDC to confirm whether they take up such tests on a chargeable basis.	Testing is Service Provider's responsibilities.
50.	Terms of Reference / Scope of work Task 5	<b>Estimation of capital and operating cost</b>	Whether the pre-feasibility study is for setting up the pilot plant v(or) for setting up full-fledged beneficiation plant; What is the anticipated capacity of the plant in terms of ROM treatment?	The pre-feasibility study is for setting up of a full-fledged beneficiation plant with capacity of 0.5 million ton ROM.

Sl. No.	Clause No.	Details of clause	Pre-Bid queries/ Clarification required	Response / Addendum / Corrigendum if any
51.	Terms of Reference / Scope of work Clause no 1.7 Task 7: Project Schedule	GMDC officials may be required to visit Service Provider's designated locations to witness tests to evaluate the processes being carried out on samples so collected. Upto five (5) officials of GMDC may undertake such visits during three stages of Scope of Work namely (i) At the end of mineralogical and metallurgical testing (ii) Mineral processing and testing and (ii) flow sheet development. The Service Provider shall be required to facilitate such visits.	Please confirm whether the travel, boarding, lodging and local conveyance of GMDC officials has to be borne by service provider.  Please confirm the duration of each visit (in number of days/ visit).	No, the travel, boarding, lodging and local conveyance of GMDC officials shall be borne by GMDC.  Tentative duration of the visit can be 7 to 10 days
52.	Terms of Reference / Scope of work Task 1 Clause no 1.1 c)	The Service Provider shall undertake study related to identification of main variables and geological 3D model review to assess potential for commercial exploitation.	As we understand the subject Pre-Feasibility Study (PFS) is aiming at development of beneficiation plant based on laboratory scale beneficiation test results. Accordingly, the geological reports including 3D models provided by GMDC shall be studied/reviewed to the extent that facilitates identification of potential zones for collection of representative samples(s). It may be noted that, review of the same excludes assessment of potential for commercial exploitation. Pls confirm	The scope does not include commercial exploitation of ores from the Mine.
53.	Terms of Reference / Scope of work Task 2 Clause no 1.2 (a) V	In case the Service Provider's technical team deems it necessary to carry out any additional exploratory drilling work for sample collection, they shall recommend bore hole locations / areas for generating representative samples and quantify the same. Upon affirmation by GMDC, GMDC shall arrange to carry out the additional exploratory drilling through a separate agency at its own cost and provide the samples.	In order to accomplish activities under this para, it is assumed that apart from supply of complete exploration report, data/drawings/bore hole log sheets etc., GMDC shall provide access to preserved bore hole cores pertaining to subject exploration campaign. Pls confirm.	Yes, your understanding is correct. This facility will be provided to the successful bidder only.
54.	Terms of Reference / Scope of work	The Service Provider shall ensure the representativeness of the metallurgical test samples with respect to ore type, ore mix, dilution, and proposed production in the first to	It is contemplated that, in order to ensure representativeness of sample(s) against the desired specification/objective under this para, the basis for the same shall be the mine	Approved mining plan is available with GMDC which will be considered for ore type, ore mix, dilution etc.

Sl. No.	Clause No.	Details of clause	Pre-Bid queries/ Clarification required	Response / Addendum / Corrigendum if any
	Task 2 Clause no 1.2 (a) vi	fifth years and in sixth year to closure period of mining operation. Monitor and supervise the sampling activities to ensure the desired quality.	planning including mine scheduling and production plan (for the proposed periodical interval) as envisaged and provided by GMDC. Pls confirm	
55.	Section v Contract Terms and Conditions Clause no 7.2.2 Liquidated Damages for delay	In case of delay solely attributable to the Service provider in completion of milestone as specified in TOR, liquidated damages not exceeding an amount equal to 0.1% (zero point one per cent) of the Milestone Value per day, subject to a maximum of 10% (ten per cent) of the Agreement Value shall be imposed and shall be recovered by appropriation from the Performance Security or otherwise. However, in case of delay due to reasons beyond the control of the Service provider, suitable extension of time shall be granted and no liquidated damages shall be levied.	Please modify it as 0.5% (zero point five per cent) of the Milestone Value per week, subject to a maximum of 5% (five per cent) of the Agreement Value shall be imposed.	RFP Conditions remain unchanged.
56.	Section v Contract Terms and Conditions Clause no 4 f)	The Service provider is required to deploy all personnel for this assignment. The Service provider shall deploy additional resources if it is required to perform Scope of Services specified in this this RFP.	We understand apart from sample collection and testing; all the feasibility engineering activities will be carried out at Service provider's office. Please confirm our understanding.	RFP Conditions prevail.
57.	Section v Contract Terms and Conditions Clause no 4 g)	The sub-contracting of entire TOR by the Service provider is not permitted. However, for any specific technical matter requiring advice/inputs from experts or specific agencies, the Service provider may engage sub-Service providers under intimation to Authority/GMDC. Subcontracting does not absolve the Service provider from its obligations provided in this Agreement.	We understand for the laboratory testing (including mineralogical, metallurgical and flotation tests) the service provider can engage any NABL accredited laboratory in India or any other Internationally approved laboratory	RFP Conditions prevail. Sub-contracting is not permitted for the floatation test work.
58.	General		Kindly indicate the feed and production capacities of the proposed Cu/Pb/Zn beneficiation plant	The ROM Feed capacity should be – 0.5 million metric tons whereas the Production output

Sl. No.	Clause No.	Details of clause	Pre-Bid queries/ Clarification required	Response / Addendum / Corrigendum if any
				capacity to be suggested by the Service Provider.
59.	Terms of Reference / Scope of work Cl 1.1.5, pg 8, para 4	It is also expected this study to identify any potential fatal flaws, indicate scope and provide cost estimate of future Pilot scale test work.	The expectation under this para is not clear to us. Please elaborate.	In the event of any serious issue or concern needs to be addressed and for the further study of the same, the scope should be indicated by the Service Provider.
60.	Terms of Reference / Scope of work Cl 1.1, pg 9	<p>a) The Service Provider shall undertake the study of existing reports available with GMDC on Ambaji Deposit, study of mineralogical test work and trace element analysis.</p> <p>b) The Service Provider shall undertake a complete site visit of the mine area.</p> <p>c) The Service Provider shall undertake study related to identification of main variables and geological 3D model review to assess potential for commercial exploitation.</p> <p>d) The Service Provider shall submit the report with key findings from the above-mentioned activities, identify future requirements for fulfilling the objectives under the specified scope of work and draw an action plan to decide the way forward in consultation with GMDC.</p>	<p>1) Please indicate what information /data /reports pertaining to ore composition, mineralogy, ore testing etc. available with GMDC, can it be shared at this stage.</p> <p>2) It is understood that the PFR scope is pertaining to study for beneficiation plant only. Whether the scope of PFR also includes identification of main variables and review of geological 3D model to assess potential of commercial exploration. Please clarify.</p>	<p>1) Clause 3 of Section II outlines the data and studies available with GMDC. All relevant listed documents will be provided to the successful Bidder.</p> <p>2) The scope does not include commercial exploitation of ores from the Mine. The Scope is limited to PFR only.</p>
61.	General		scope of work cl no. 1.2 task-2 and 1.3 task-3 are to be taken up by a competent ore testing laboratory, for which a consortium to be established along with the test laboratory. Whether this mode of consortium is allowed, please clarify.	No, consortiums are not permitted to participate in this RFP. Sub-contracting is not permitted for the floatation test work.

Sl. No.	Clause No.	Details of clause	Pre-Bid queries/ Clarification required	Response / Addendum / Corrigendum if any
62.	Terms of Reference / Scope of work Cl 1.3 e) pg 11	<p>For a Pre-feasibility study, only high level and preliminary documents shall be prepared.</p> <ul style="list-style-type: none"> <li>○ Process Design Criteria (PDC)</li> <li>○ Flowsheet. The Service Provider shall submit the digital flowsheet (Editable in METSIM/DWSIM)</li> <li>○ Mass Balance (with reagents consumption)</li> <li>○ Reagent Optimization Matrix (Cost vs. Recovery trade-offs)</li> <li>○ Scale-Up Roadmap with sensitivity analysis</li> <li>○ Key equipment list</li> <li>○ Plot plan for the future study</li> </ul>	Scale up roadmap with sensitivity analysis is not clear to us, pls clarify	The line "Scale-Up Roadmap with sensitivity analysis" stands deleted.
63.	Terms of Reference / Scope of work Cl 1.3 e) & f) pg 11	Plant unit's area General Arrangement (GA)/ Plant Layout or elevations with high level information would be produced at this stage.	At this stage of PFR preparation, the general layout of the plant will be developed and provided with future plant expansion provision. Please confirm	RFP Conditions prevail.
64.	Terms of Reference / Scope of work Cl 1.3 h) pg 11	It is hereby clarified that overall flowsheet shall only include separation level up to the level of Concentrates of Cu, Zn, Pb and any trace minerals. The Service Provider shall suggest possible technologies for separation of Cu, Zn, Pb and any trace mineral based on the characteristics of the concentrate envisaged as per this study. The Service Provider shall also identify key players/ technology partners (Solvent Extraction Process, or any other process deemed suitable) for establishing the feasibility of such processes at the stage of Pre- Feasibility study /feasibility study level.	The scope of PFR preparation shall be limited to beneficiation plant for production of Cu, Pb & Zn concentrates only. Please confirm.	RFP Conditions are very clear which clearly speaks the separation of Cu, Zn, Pb and any trace mineral based on the characteristics of the concentrate envisaged as per this study.

Sl. No.	Clause No.	Details of clause	Pre-Bid queries/ Clarification required	Response / Addendum / Corrigendum if any
65.	General		All the designs and specifications are to be prepared to the level of preparation of PFR. Please confirm.	Yes.
66.	Terms of Reference / Scope of work Cl 1.5 b) pg 12	Identification of trade off studies: The Service Provider shall carry out a high-level assessment and report possible alternatives for establishment of the processing plant. All relevant studies to be done to identify possible alternate routes for project development is in the scope of the Service Provider. The alternatives should be reviewed at a high level and the result of these reviews will include a listing of potential studies to be carried out at subsequent Feasibility level/Pilot Plan level of the study.	Pls clarify what types of alternatives are to be studied and to be reported. Generally, after finalization of site, the PFR is prepared for selected site.	RFP conditions prevail.
67.	Cl No. 5.1 & 5.2 of PQ Criteria		Consortiums are not permitted to participate and under technical score criteria, generally in India, the preparation of DPR/TEFR/Detail Engg are the jobs to be taken up by engineering consultants based on test results provided by testing laboratories. As per Cl. no. 5.1 the consortium bidding is not permitted in the RFP. GMDC requested to clarify.	Consortium is not permitted.
68.	Terms of Reference / Scope of work Cl no. 1.2 task-2 a)	<b>Sampling and Sample Preparation</b>	Sample Collection, sample preparation & dispatch of representative sample for testing will be in the scope of GMDC. Kindly confirm.	Please refer to answer to pre bid query no 1 for the sample collection and preparation.
69.	Terms of Reference / Scope of work Cl no. 1.2 task-2 c)	<b>Mineral Processing and Metallurgical Testing</b> i) Subsequently, the Service Provider shall carry out liberation analysis and all such analyses required to obtain the physical	Scope under comminution testing is not clear, please elaborate. Abrasion index test and rheology test are not required at PFR stage. Please confirm.	RFP Conditions prevail.

Sl. No.	Clause No.	Details of clause	Pre-Bid queries/ Clarification required	Response / Addendum / Corrigendum if any
		characteristics of the ore including moisture, Uniaxial Compression Strength etc. ii) Comminution Testing including size analysis iii) Abrasion Index and Bond Work Index. iv) Lab scale Flotation testing. v) Selective flotation tests using various reagents subsequently to achieve max recovery and max grade of copper, lead and zinc in the concentrate. vi) Tailing characteristics: Settling test, rheology, etc. required to preliminarily design of the tailing disposal system		
70.	Terms of Reference / Scope of work Cl no. 1.3 task-3 a)	<b>Flowsheet Development based on Lab scale flotation tests in closed circuit</b>  <b>Closed circuit Lab scale Flotation Tests</b>	Generally, Smart lab testing i.e. simulation for the proposed parameter variation are to be conducted during engineering stage and not required at PFR stage. Please clarify.	RFP conditions prevail.
71.	Terms of Reference / Scope of work Cl no. 1.3 task-3 e)	For a Pre-feasibility study, only high level and preliminary documents shall be prepared. <ul style="list-style-type: none"> <li>○ Process Design Criteria (PDC)</li> <li>○ Flowsheet. The Service Provider shall submit the digital flowsheet (Editable in METSIM/DWSIM)</li> <li>○ Mass Balance (with reagents consumption)</li> <li>○ Reagent Optimization Matrix (Cost vs. Recovery trade-offs)</li> <li>○ Scale-Up Roadmap with sensitivity analysis</li> <li>○ Key equipment list</li> <li>○ Plot plan for the future study</li> </ul>	Digital flowsheet can be prepared; however, it will not be editable	RFP conditions prevail.

Sl. No.	Clause No.	Details of clause			Pre-Bid queries/ Clarification required	Response / Addendum / Corrigendum if any
72.	Terms of Reference / Scope of work Cl no. 1.3 task-3 f)	Plant unit's area General Arrangement (GA)/ Plant Layout or elevations with high level information would be produced at this stage.			The pilot plant will be prepared during engineering stage. Kindly confirm.	Yes.
73.	Terms of Reference / Scope of work Cl no. 2 pg no. 13	<b>Sr No</b>	<b>Milestone</b>	<b>Timeline for Milestone</b>	Time Schedule: 6 months for task 2 & 3, from the date of receiving sample or fund whichever is later, submission of draft PFR will be 8 months from T2 and submission of final PFR will be 9 months from T2.	Please refer to answer to Pre Bid query No 11
		1	Preliminary Review and Site Visit	T1 + 1 month		
		2	Submission of Report for Task 2: i.e Mineralogical and Metallurgical Testing	T2 + 2 months		
		3	Submission of Report on Task 3 i.e Flowsheet Development	T2 + 4 months		
		4	Submission of draft Pre-feasibility Report covering all tasks (Task 1 to Task 7)	T2 + 5 months		
		5	Submission of final Pre-feasibility report with all tasks / Deliverables	T2 + 6 months		
74.	Section V: Contract Terms & Conditions Cl no. 7.2.2 pg no. 65	<b>Liquidated Damages for delay</b> In case of delay solely attributable to the Service provider in completion of milestone as specified in TOR, liquidated damages not exceeding an amount equal to 0.1% (zero point one per cent) of the Milestone Value per day, subject to a maximum of 10% (ten per cent) of the Agreement Value shall be imposed and shall be			In case of delay solely attributable to the Service provider in completion of the assignment as per overall time schedule in TOR, liquidated damages not exceeding an amount equal to 0.5% (zero point five per cent) per week of delay, subject to a maximum of 10% (ten per cent) of the Agreement Value shall be imposed and shall be recovered by appropriation from the Performance Security or otherwise.	RFP conditions prevail.

Sl. No.	Clause No.	Details of clause	Pre-Bid queries/ Clarification required	Response / Addendum / Corrigendum if any
		recovered by appropriation from the Performance Security or otherwise. However, in case of delay due to reasons beyond the control of the Service provider, suitable extension of time shall be granted and no liquidated damages shall be levied.	However, in case of delay due to reasons beyond the control of the Service provider, suitable extension of time shall be granted and no liquidated damages shall be levied.	
75.	General			<p>Battery limit for this project is defined as below.</p> <p>“Starts from receiving hopper of ROM from the Mine before primary crushing facility and the end point is output of Cu, Zn and Pb concentrates as well as tailings disposal”.</p>