

Request for Proposal

For

Appointment of Agency for Development of IT Enabled Solution for Land Management System

RFP Number GMDC/Land/LMS/01/24-25

Response to Pre-Bid Queries

[Last Date for Bid Submission: 12/08/2024]

Gujarat Mineral Development Corporation

24 July 2024

Pre-Bid Response

SI No.	Clause No.	Clause Description	Pre-Bid queries/ Clarification	Draft Response/ Addendum/ Corrigendum - 2f any
1	4. GENERAL INSTRUCTIONS TO BIDDER 4.9 Period of Validity of Bids	Bids shall remain valid for 180 days after the date of bid opening prescribed by GMDC, according to the RFP schedule mentioned in this document, which shall be deemed extended unconditionally for a further period of 60 days, if GMDC requires it. In exceptional circumstances, GMDC. may solicit the Bidder’s consent to an extension of the period of validity beyond the extended period of 60 days. The request and the response thereto shall be made in writing. Extension of the validity period by the Bidder shall be unconditional.	The Bid validity extension is unconditional thus if any price validity is taken internally/ from any vendor/ supplier / Cloud Service provider, then it should be considered accordingly as back-to-back.	RFP conditions remain unchanged
2	4. GENERAL INSTRUCTIONS TO BIDDER 4.10 Subcontract	The Successful Bidder shall not assign or sub-contract any portion of this work without prior written consent of GMDC.	Is Subcontracting allowed or not? Please clarify.	GMDC may allow subcontracting in special cases, but the ultimate authority lies with GMDC
3	4. GENERAL INSTRUCTIONS TO BIDDER 4.12 Consortium / Joint Venture	Consortium / Joint ventures are not allowed.	We request the authority to permit JV/ Consortium participation in the project, currently restricted to sole bidders only.	RFP conditions remain unchanged
4	4. GENERAL INSTRUCTIONS TO BIDDER 4.14 Acceptance of All the Terms and Conditions	The Bidder should submit the declaration regarding unconditional acceptance of all the terms and conditions of the RFP document including Annexure and corrigendum - 2f any as per FORM D provided in the RFP Document.	All terms & conditions are deemed accepted and cannot be changed, replaced or interpreted differently in future communication or contracts or technical proposal.	Yes. The bidder's understanding is correct.

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5	4. GENERAL INSTRUCTIONS TO BIDDER 4.16	GMDC is authorized to take suitable decisions and action in case of requirement to amend/alter the contract conditions/quantities of the works/ extension of the contract period/allotment of additional works/revision of the rates of the work etc., if necessary, in the interest of GMDC.	Requesting GMDC to give clarity regarding whether an increase or extension in the quantity of work, allocation of additional tasks, or any such changes constitute a change request (CR) management, for which the Bidder is liable to receive additional compensation	GMDC is empowered to make appropriate decisions and take action in cases where it is necessary to amend or alter contract conditions or quantities
6	7. Security Deposit 7.2	It shall be refunded to the successful bidder, within six months after satisfactory completion of the work and the due fulfillment of all the terms and conditions of the contract.	As per Rule 171 of the General Financial Rules, 2017 the security deposit shall be returned within 2 months post completion of the work and the due fulfillment of all terms and conditions. We request you kindly to change it to 60 days.	RFP conditions remain unchanged
7	7. Security Deposit 7.3	The successful bidder shall submit a security deposit of 10% of the total contract value excluding Goods & Service Tax (GST) within 15 days from the date of receipt of the LOI.	As per the GFR Guidelines, the PBG should be considered between 3% to 10% of the value of the total contract value. Request you to kindly consider PBG as 3% of the total contract value.	RFP conditions remain unchanged
8	11. Eligibility and Qualification Criteria of Bidder 11.1.1 Experience	The Bidders should have completed at least two orders having an amount of Rs 20, 00,000/- (Twenty Lakhs Only) each or more of IT Enabled Solution for Land Department Request For Proposal during the last three financial years ending on the last day of March 2024 (i.e. period from 01.04.2021 to 31.03.2024) Bidder shall submit the details of work completed in Form C	We request to change as bidder should have completed at least two orders having amount of 20 Lakh each or more for IT enabled / GIS Enable solution for land Management System or urban Management system during last 7 years 2017-2024 .	RFP conditions remain unchanged
9	11. Eligibility and Qualification Criteria of Bidder 11.1.1 Experience	The Bidders should have completed at least two orders having an amount of Rs 20, 00,000/- (Twenty Lakhs Only) each or more of IT Enabled Solution for Land Department Request For Proposal during the last three financial years ending on the last day of March 2024 (i.e. period from 01.04.2021 to 31.03.2024) Bidder shall submit the details of work completed in Form C	The Bidders should have completed/undertaken at least two similar orders having an amount of Rs 200,00,000/- (Two Crores Only) each or more of IT Enabled Solution for Land Management System ICT/IT consultancy experience for government organizations, covering IT transformation, digital transformation, IT dashboarding, 5D-BIM, and other relevant areas during the last three/ seven financial years ending on the last day of March 2024	RFP conditions remain unchanged

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10	11. Eligibility and Qualification Criteria of Bidder 11.1.1 Experience	The Bidders should have completed at least two orders having an amount of Rs 20, 00,000/- (Twenty Lakhs Only) each or more of IT Enabled Solution for Land Department Request For Proposal during the last three financial years ending on the last day of March 2024 (i.e. period from 01.04.2021 to 31.03.2024) Bidder shall submit the details of work completed in Form C	We request your good office to kindly consider Go live certificate instead of information in FORM C as this would be difficult for the CA to share such information.	RFP conditions remain unchanged
11	11. Eligibility and Qualification Criteria of Bidder 11.2.1 Financial	Bidder must have a positive Net Worth for the last three financial years of 2021- 22, 2022-23, and 2023-24.	Request your good office to kindly consider 2020-21, as we are yet to receive the final audit report from the CA.	Please refer to corrigendum - 2.
12	11. Eligibility and Qualification Criteria of Bidder 11.2.2 Financial	Bidder must have a Minimum Average Turnover of Rs. 25, 00,000/- (Twenty-Five Lakhs Only) for the financial year of 2021-22, 2022-23, and 2023-2	Request you kindly amend the clause, as the work value of the tender may be more a crore and the work order should be at least of crore.	RFP conditions remain unchanged
13	11. Eligibility and Qualification Criteria of Bidder 11.2.2 Financial	Bidder must have a Minimum Average Turnover of Rs. 25, 00,000/- (Twenty-Five Lakhs Only) for the financial year of 2021-22, 2022-23, and 2023-2	The financial criteria is very low. Depending on the project value it should be at least more than 1 crore	RFP conditions remain unchanged
14	12. Evaluation of Bids 12.2.A1	Numbers of development of project references in Applications for Land Management, GIS Mapping, and Satellite image mapping in the last 7 years ending on the last day of March 2024.	Request you to kindly modify the clause as Numbers of development of project references in Applications for Land Management/ GIS Mapping/ Satellite image mapping in the last 7 years ending on the last day of March 2024.	Please refer to corrigendum - 2
15	12. Evaluation of Bids 12.2.A2	Number of orders of at least one year of support of each order for application for Land Management, GIS Mapping, and Satellite image mapping in last 7 years ending on the last day of March 2024	Request you to kindly modify the clause as Number of orders of at least one year of support of each order for application for Land Management/ GIS Mapping/ Satellite image mapping in last 7 years ending on the last day of March 2024.	Please refer to corrigendum - 2

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16	12. Evaluation of Bids 12.2.A3	Experience with the Government or their PSUs during the last 7 years ending on the last day of March 2024 for the deployment of IT-enabled Solutions for Land Management, GIS Mapping, Drone Survey, and Satellite Images.	Request you to kindly modify the clause as Experience with the Government or their PSUs during the last 7 years ending on the last day of March 2024 for the deployment of IT-enabled Solutions for Land Management/ GIS Mapping/ Drone Survey/ Satellite Images.	Please refer to corrigendum - 2
17	12. Evaluation of Bids 12.2.	The Bid evaluation shall be first on a Technical Score of max 100, based on various scoring criteria outlined in per following Table.	The QCBS Criteria is very specific and request to amend based on some basis requirement for software development.	RFP conditions remain unchanged
18	13. Negotiation	The bidders need to quote the lowest price in their bid for their interest. GMDC, however, will have the discretion to choose whether to enter any price negotiations or not.	Requesting client to clarity on whether negotiation shall be done only with the bidder with lowest price. Whether GMDC may not award the work to the lowest bidder post negotiation?	GMDC is empowered to make appropriate decisions in this regard.
19	14. Acceptance of Offer 14.1.3	After acknowledgment of the LOA as aforesaid by the Successful Bidder, it shall cause the Successful Bidder, subject to furnishing the performance security as per the RFP provisions, to execute/sign the Agreement within 30 (thirty) days from the date of LOI (the "Execution Date").	Agreement to be signed within 30 days from LOI. Draft agreement is not available. Please clarify.	A draft agreement will be provided to the successful bidder
20	15. Scope of Work 15.1.2	The Software can be developed, or it can be customized if the successful bidder has a product. If the Software is developed, GMDC shall have exclusive ownership of the Source Code and Business Data whereas in the case of a customized product, GMDC shall have exclusive ownership of the Customized Source Code and the Business Data. In both cases, the ownership of complete software shall be with GMDC for a lifetime.	We assume that if the bidder is having a COTS based product and uses it to develop and customize the solution for the department, then the bidder will have to provide source code for the customized solution only. While the product license for the department will be perpetual in nature.	Please refer to corrigendum - 2
21	15. Scope of Work 15.3 Technical Features of Land Management System	The system should have the provision to integrate with GMDC's ERP (Oracle), Active Directory System, Outlook, and other 3rd Party applications.	Could you provide more details on the current infrastructure and any specific APIs or integration points that need to be considered	Details will be provided only to the successful bidder. For any specific information, bidders can approach GMDC directly

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22	15. Scope of Work 15.1.10 Land Information Management System	The legacy data will be entered manually and documents like Lease deeds, RoR, RSD, Sanction orders, Govt orders, Cadastral Maps, Payment vouchers towards compensation/R&R, Gram Sabha resolutions, Copies of, Certified copies of Court orders, etc. will be scanned, and uploaded into the system.	What is the estimated volume of legacy data (in terms of the number of documents and total storage size) that will be integrated into the system?	GMDC have provided details of the land, including its area, taluka, and district. The bidder should estimate the size of the data accordingly.
23	15. Scope of Work 15.1.10 Land Information Management System	The legacy data will be entered manually and documents like Lease deeds, RoR, RSD, Sanction orders, Govt orders, Cadastral Maps, Payment vouchers towards compensation/R&R, Gram Sabha resolutions, Copies of, Certified copies of Court orders, etc. will be scanned, and uploaded into the system.	In what format is the legacy data currently stored (e.g., physical documents, digital scans, etc.)? What is the condition of these documents, and will any preprocessing be required before they can be digitized and uploaded?	Please refer to corrigendum - 2
24	15. Scope of Work 15.1.10 Land Information Management System	The legacy data will be entered manually and documents like Lease deeds, RoR, RSD, Sanction orders, Govt orders, Cadastral Maps, Payment vouchers towards compensation/R&R, Gram Sabha resolutions, Copies of, Certified copies of Court orders, etc. will be scanned, and uploaded into the system.	Could you provide more details on the process for data entry and indexing of legacy data? Will GMDC provide any support or guidelines for the indexing and categorization process?	Please refer to corrigendum - 2
25	15. Scope of Work 15.1.10 Land Information Management System	The legacy data will be entered manually and documents like Lease deeds, RoR, RSD, Sanction orders, Govt orders, Cadastral Maps, Payment vouchers towards compensation/R&R, Gram Sabha resolutions, Copies of, Certified copies of Court orders, etc. will be scanned, and uploaded into the system.	Could you provide more details on the volume and types of data that will need to be migrated to the new Land Management System at each of these locations?	GMDC have provided details of the land, including its area, taluka, and district. The bidder should estimate the size of the data accordingly.
26	15. Scope of Work 15.1.11 Geospatial data	The system planned will not only manage the legacy data as mentioned above, but it will also manage the Geo spatial data	Besides DGPS maps and satellite/drone images, are there any other types of geospatial data that need to be integrated into the system?	The current scope of work in the tender includes managing geospatial data such as satellite images, DGPS maps, drone images, mine plans, and other related plans, with the possibility of adding more data types in the future.

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27	15. Scope of Work 15.1.11 Geospatial data	The system planned will not only manage the legacy data as mentioned above, but it will also manage the Geo spatial data	What are the primary sources of the geo-spatial data, and what quality standards or specifications must be met (e.g., resolution, accuracy)?	Please refer to corrigendum - 2
28	15. Scope of Work 15.1.11 Geospatial data	The system planned will not only manage the legacy data as mentioned above, but it will also manage the Geo spatial data	How frequently will the geo-spatial data need to be updated? Is there a predefined schedule for acquiring new satellite/drone images, or will this be done on an as-needed basis?	Quarterly basis and as needed basis.
29	15. Scope of Work 15.2.1	Must have hosted on a MeitY-approved Hyper Scaler cloud (Microsoft, Amazon, Oracle, Google).	Could you please confirm if there are any specific preferences or restrictions regarding the selection among the approved cloud service providers (Microsoft, Amazon, Oracle, Google)?	RFP conditions remain unchanged.
30	15. Scope of Work 15.2.4	The servers shall have proper resources as it is a nonblocking architect	We request the department to share the total number of users who will be using the solution and the approximate size of all datasets available with the department. This information will be required for the server sizing purpose of the proposed solution.	Please refer to corrigendum - 2
31	15. Scope of Work 15.1.11 Geospatial data	The system planned will not only manage the legacy data as mentioned above, but it will also manage the Geo spatial data	We request the department to share more information about the architecture and flow of the activities viz. GIS based function, Only MIS function, permission hierarchical flow etc. to be achieved as functionalities mentioned using Land management system. This information will be required for technical effort estimation of the project.	Please refer to corrigendum - 2 .
32	15. Scope of Work 15.2.1	Must have hosted on a MeitY-approved Hyper Scaler cloud (Microsoft, Amazon, Oracle, Google).	We acknowledge the requirements for hosting on a MeitY-approved Hyper Scaler cloud and its specifications. Considering the seamless integration, security, and cost efficiency, we respectfully request the authority to prove the cloud server for better alignment.	RFP conditions remain unchanged

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33	15. Scope of Work 15.1.2	The Software can be developed, or it can be customized if the successful bidder has a product. If the Software is developed, GMDC shall have exclusive ownership of the Source Code and Business Data whereas in the case of a customized product, GMDC shall have exclusive ownership of the Customized Source Code and the Business Data. In both cases, the ownership of complete software shall be with GMDC for a lifetime.	Are there any limitations or requirements regarding the platform on which the application or system will be deployed? Do you have specific preferences for technologies or frameworks to be used and to discuss regarding the ownership of source code? Please clarify.	There are no specific limitations or requirements regarding the platform on which the application or system will be deployed, nor do we have any preferences for technologies or frameworks to be used. For details regarding the ownership of the source code, please refer to the Request for Proposal (RFP).
34	15. Scope of Work 15.1.2	The Software can be developed, or it can be customized if the successful bidder has a product. If the Software is developed, GMDC shall have exclusive ownership of the Source Code and Business Data whereas in the case of a customized product, GMDC shall have exclusive ownership of the Customized Source Code and the Business Data. In both cases, the ownership of complete software shall be with GMDC for a lifetime.	Are there any specific standards or frameworks that the Land Management System must comply with?	There are no specific limitations or requirements regarding the platform on which the application or system will be deployed, nor do we have any preferences for technologies or frameworks to be used.
35	15. Scope of Work 15.1.3	Supporting in monitoring of land acquisition status as well as activity planning and tracking to achieve key milestones involved in the process of different types of land categories.	Can you provide more detailed use cases or scenarios that the system must handle, especially regarding different land categories and acquisition types?	The system must handle diverse use cases involving various land categories and acquisition types, including agricultural, urban, forest, and tribal lands. It must navigate the complexities of state and central laws.
36	15. Scope of Work 15.2.5	All network and security devices shall be deployed by a successful bidder in the proposed cloud	Are there specific data security and compliance standards that the system must meet, such as GDPR or any other local regulations?	ISO27001
37	15. Scope of Work 15.3 Technical Features of Land Management System	The system should have the provision to integrate with GMDC's ERP (Oracle), Active Directory System, Outlook, and other 3rd Party applications.	What are the expectations regarding the migration of data from any existing systems to the new Land Management System?	Details will be provided only to the successful bidder.

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38	15. Scope of Work 15.3 Technical Features of Land Management System	The system should have the provision to integrate with GMDC's ERP (Oracle), Active Directory System, Outlook, and other 3rd Party applications.	Does the system need to support data import/export functionalities with other software or databases?	Yes. Details will be provided only to the successful bidder.
39	15. Scope of Work 15.1.15	The actual progress of any project can be monitored through a Dashboard Information System. This will also indicate the latest status of all activities of land matter taken together at any point in time in the Dashboard and will give us a feel of where we stand as far as any project is concerned	Could you please specify the specific monitoring and reporting requirements? Are there any predefined KPIs or metrics that the system should track and report on?	There are no predefined KPIs or metrics for monitoring and reporting; however, these will be determined on a requirement basis throughout the entire contract period. The system should be flexible enough to adapt to various monitoring and reporting needs as they arise, ensuring comprehensive and accurate tracking and reporting capabilities as specified by the GMDC during the contract.
40	15. Scope of Work 15.1.12	Based on the Geo-Spatial data input, various periodic reports can be generated through the Query Module swiftly by integrating all the plans.	Are there any specific reporting tools or formats preferred for the system to support?	There are no specific limitations or requirements regarding the tools. However, formats will be determined on a requirement basis throughout the entire contract period. The system should be flexible enough to adapt to various formats and reporting needs as they arise
41	15. Scope of Work 15.1.11 Geospatial data	The system planned will not only manage the legacy data as mentioned above, but it will also manage the Geo spatial data	Could you please provide more specific details regarding the types of data that need to be collected and stored to ensure the database aligns with GMDC's future requirements?	Please refer to corrigendum - 2

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42	15. Scope of Work 15.1.2	The Software can be developed, or it can be customized if the successful bidder has a product. If the Software is developed, GMDC shall have exclusive ownership of the Source Code and Business Data whereas in the case of a customized product, GMDC shall have exclusive ownership of the Customized Source Code and the Business Data. In both cases, the ownership of complete software shall be with GMDC for a lifetime.	Does GMDC have any specific preferences or mandates regarding database technologies or architectures for this project?	There are no specific limitations or requirements regarding the platform on which the application or system will be deployed, nor do we have any database preferences.
43	15. Scope of Work 15.1.10 Land Information Management System	The legacy data will be entered manually and documents like Lease deeds, RoR, RSD, Sanction orders, Govt orders, Cadastral Maps, Payment vouchers towards compensation/R&R, Gram Sabha resolutions, Copies of, Certified copies of Court orders, etc. will be scanned, and uploaded into the system.	What is the estimated volume of legacy data or physical records that require indexing, categorization, and uploading?	GMDC has provided details of the land, including its area, taluka, and district. The bidder should estimate the size of the data accordingly.
44	15. Scope of Work 15.1.10 Land Information Management System	The legacy data will be entered manually and documents like Lease deeds, RoR, RSD, Sanction orders, Govt orders, Cadastral Maps, Payment vouchers towards compensation/R&R, Gram Sabha resolutions, Copies of, Certified copies of Court orders, etc. will be scanned, and uploaded into the system.	Could you please provide details on the current format and condition of the legacy data? For instance, are the physical records already digitized, and if so, what formats are they in?	Please refer to corrigendum - 2
45	15. Scope of Work 15.1.10 Land Information Management System	The legacy data will be entered manually and documents like Lease deeds, RoR, RSD, Sanction orders, Govt orders, Cadastral Maps, Payment vouchers towards compensation/R&R, Gram Sabha resolutions, Copies of, Certified copies of Court orders, etc. will be scanned, and uploaded into the system.	Could you please specify the specific authority mapping, validation, and authentication processes required? Are there existing standards or frameworks that must be adhered to?	Please refer to corrigendum - 2
46	15. Scope of Work 15.1.11 Geospatial data	The system planned will not only manage the legacy data as mentioned above, but it will also manage the Geo spatial data	Will there be any existing geospatial datasets integrated into the new system? If so, could you please specify the formats of these datasets?	Please refer to corrigendum - 2

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47	15. Scope of Work 15.1.10 Land Information Management System	The legacy data will be entered manually and documents like Lease deeds, RoR, RSD, Sanction orders, Govt orders, Cadastral Maps, Payment vouchers towards compensation/R&R, Gram Sabha resolutions, Copies of, Certified copies of Court orders, etc. will be scanned, and uploaded into the system.	What specific types of documents will the system be required to manage? Are there standard document types and formats that GMDC typically uses?	Please refer to corrigendum - 2
48	15. Scope of Work 15.1.12	Based on the Geo-Spatial data input, various periodic reports can be generated through the Query Module swiftly by integrating all the plans.	Are there any specific reporting tools or Could you please provide a comprehensive list of the types of reports and dashboards that are needed? Are there any sample templates or examples available for reference?	There are no specific limitations or requirements regarding the tools. However, formats will be determined on a requirement basis throughout the entire contract period. The system should be flexible enough to adapt to various formats and reporting needs as they arise
49	15. Scope of Work 15.1.6	Query Module (Map Based/Plot Based/Activity based/Land Use based)	What specific functionalities are expected from the query module? For instance, what types of queries (such as map-based or plot-based) will users need to execute?	The query module is expected to support a range of functionalities, including map-based and plot-based queries. Users should be able to execute spatial queries to retrieve information based on geographic locations and searches based on property attributes.
50	15. Scope of Work 15.1.6	Query Module (Map Based/Plot Based/Activity based/Land Use based)	Are there any specific tools or frameworks recommended for implementing the query module?	There are no specific limitations or requirements regarding the tools. The system should be flexible enough to provide results to various queries as they arise

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51	15. Scope of Work 15.1.10 Land Information Management System	The legacy data will be entered manually and documents like Lease deeds, RoR, RSD, Sanction orders, Govt orders, Cadastral Maps, Payment vouchers towards compensation/R&R, Gram Sabha resolutions, Copies of, Certified copies of Court orders, etc. will be scanned, and uploaded into the system.	What is the source of data collection?	Please refer to corrigendum - 2
52	15. Scope of Work 15.1.10 Land Information Management System	The objective is to integrate all types of Plans being developed by various sections of GMDC in one platform and make the entries Plot-wise.	Are there specific formats or standards that these plans adhere to? Additionally, what is the expected workflow for entering and managing plot-wise data entries within the system?	Please refer to corrigendum - 2
53	15. Scope of Work 15.1.10 Land Information Management System	The legacy data will be entered manually and documents like Lease deeds, RoR, RSD, Sanction orders, Govt orders, Cadastral Maps, Payment vouchers towards compensation/R&R, Gram Sabha resolutions, Copies of, Certified copies of Court orders, etc. will be scanned, and uploaded into the system.	1. What is the estimated volume of legacy data that will need to be manually entered into the system? 2. Are there specific templates or guidelines that should be followed for the manual entry of legacy data to ensure consistency and accuracy? 3. Is there a preferred format or resolution for scanning documents like Lease deeds, RoR, RSD, etc.? 4. What is the expected volume of documents to be scanned and uploaded, and are there any existing digital formats that can be directly integrated into the system?	Please refer to corrigendum - 2
54	15. Scope of Work 15.1.11 Geospatial data	The system planned will not only manage the legacy data as mentioned above, but it will also manage the Geo spatial data	Are there any current GIS systems or tools in use by GMDC that require integration with the new Land Management System?	Currently, there are no GIS systems or tools in use by GMDC that require integration with the new Land Management System. However, the system should be designed with the flexibility to integrate with other GIS systems or tools in the future, if the need arises.

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55	15. Scope of Work 15.1.10 Land Information Management System	The legacy data will be entered manually and documents like Lease deeds, RoR, RSD, Sanction orders, Govt orders, Cadastral Maps, Payment vouchers towards compensation/R&R, Gram Sabha resolutions, Copies of, Certified copies of Court orders, etc. will be scanned, and uploaded into the system.	We assume that, Scanning of those legacy data will be performed by GMDC and relevant softcopies are handed over to the successful bidder, However, Incase the Bidder takes the responsibility, then please specify the volume of the data to be scanned. And Who will provide the scanner and storage space?	Please refer to corrigendum - 2
56	15. Scope of Work 15.1.3	Supporting in monitoring of land acquisition status as well as activity planning and tracking to achieve key milestones involved in the process of different types of land categories.	Requesting the client to consider any changes to the workflow or process flow of the Activity Management System to be managed under Change Request (CR) procedures.	Please refer to corrigendum - 2
57	15. Scope of Work 15.3 Technical Features of Land Management System	The system should have the provision to integrate with GMDC's ERP (Oracle), Active Directory System, Outlook, and other 3rd Party applications.	Which other applications need to integrate with the GMDC application?	Currently, no applications, except those specified in the RFP, require integration with the new Land Management System. Nevertheless, it is imperative that the system is designed with inherent flexibility to seamlessly integrate with other applications in the future, should the need arise.
58	15. Scope of Work 15.1.12	Based on the Geo-Spatial data input, various periodic reports can be generated through the Query Module swiftly by integrating all the plans.	Is a Business Intelligence (BI) tool required for customization of reports?	Yes, a Business Intelligence (BI) tool is essential for customizing reports effectively.
59	15. Scope of Work 15.1.3	Supporting in monitoring of land acquisition status as well as activity planning and tracking to achieve key milestones involved in the process of different types of land categories.	Can we implement real-time monitoring tools with the licensed version?	The implementation of real-time monitoring tools can be achieved with either licensed or open-source versions, depending on the bidder's preference and the specific requirements of the project.

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60	15. Scope of Work 15.1.11 Geo spatial data	The system planned will not only manage the legacy data as mentioned above, but it will also manage the Geo spatial data	What are the preferred file formats for uploading GIS data, both raster and vector?	The preferred file formats for uploading GIS data, whether raster or vector, depend on the specific project requirements and the capabilities of the GIS software being used.
61	15. Scope of Work 15.3 Technical Features of Land Management System	Document storage and Archive management.	For document storage is there any different server or same server?	The decision of whether to use a separate server or the same server for document storage should be determined by the bidder.
62	15. Scope of Work 15.2.2 Cloud Server	The two instances of the production server and one instance of the test/development server of the Application Server, Database Server, and Staging Server	How many deployment environment is desired? Production Development Testing Staging	Two production environments to ensure redundancy and high availability. Alongside these, there is a staging environment that mirrors the production setup closely.. Additionally, there is a development environment where developers write, test, and debug new code and features.

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63	<p>15. Scope of Work</p> <p>15.3 Technical Features of Land Management System</p>	<p>The system should have the provision to integrate with GMDC's ERP (Oracle), Active Directory System, Outlook, and other 3rd Party applications.</p>	<p>1. Are there existing APIs or integration frameworks in place for the Oracle ERP system that the LMS should use? 2. What specific functionalities are required for the LMS to integrate with GMDC's Active Directory (e.g., user authentication, role-based access control)? 3. Are there any specific protocols or standards (e.g., LDAP, SAML) that the LMS should support for Active Directory integration? 4. What specific features are required for the LMS to integrate with Outlook (e.g., email notifications, calendar events, task management)? 5. Are there any specific integration protocols (e.g., EWS, REST API) that the LMS should use for communication with Outlook? 6. What are the other third-party applications that need to be integrated with the LMS, and what specific functionalities should these integrations support?</p>	<p>The successful bidder will provide APIs for integration with the Oracle ERP system. However, integration with GMDC's Active Directory for user authentication is required, including support for role-based access control. The integration with Outlook is also necessary for email notifications, calendar events, and task management, utilizing REST API for communication. Currently, there are no other third-party applications requiring integration, but potential future integrations may be considered.</p>
64	<p>15. Scope of Work</p> <p>15.3 Technical Features of Land Management System</p>	<p>The system should have the provision to integrate with GMDC's ERP (Oracle), Active Directory System, Outlook, and other 3rd Party applications.</p>	<p>Requesting client to provide a clarity on the availability of APIs (ERP, Active Directory, Outlook) for integration and quantity of other 3rd party application. Please confirm that GMDC shall make provisioning of the required APIs and the delay due to non-availability of APIs for integration shall not be attributed to the bidder.</p>	<p>The successful bidder will provide APIs</p>
65	<p>15. Scope of Work</p> <p>15.3 Technical Features of Land Management System</p>	<p>A dedicated Mobile Application (Android/ IOS) is preferred however not mandatory</p>	<p>If it is mandatory, please specify the scope of the mobile application.</p>	<p>Please refer to corrigendum - 2</p>

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66	15. Scope of Work 15.3 Technical Features of Land Management System	A dedicated Mobile Application (Android/ IOS) is preferred however not mandatory	If it is mandatory, please specify the scenarios in which it is required.	Please refer to corrigendum - 2
67	15. Scope of Work 15.3 Technical Features of Land Management System	A dedicated Mobile Application (Android/ IOS) is preferred however not mandatory	Please specify the Functionality of the Dedicated mobile application and kindly confirm the platform to be considered as iOS or Android or Both	Please refer to corrigendum - 2
68	15. Scope of Work 15.4 Key Activities for Implementation of Land Management System	Create a Training plan and provide training to users.	We request you to kindly confirm following 1. Training Infra (both IT and Non IT) shall be provisioned by GMDC 2. Please specify the Trainee count 3. Please suggest whether the training will be conducted virtual or physical	Please refer to corrigendum - 2
69	15. Scope of Work 15.4 Key Activities for Implementation of Land Management System	Create a Training plan and provide training to users.	Training how many days, how many locations the training needs to be provided to how many users.	Please refer to corrigendum - 2
70	15. Scope of Work 15.4 Key Activities for Implementation of Land Management System	Create a Training plan and provide training to users.	Could you provide an estimated number of users who will need training and the specific roles these users will play within the system?	Please refer to corrigendum - 2
71	15. Scope of Work 15.4 Key Activities for Implementation of Land Management System	Create a Training plan and provide training to users.	Will the selected bidder be responsible for training GMDC staff? If so, what is the scope of the required training?	Please refer to corrigendum - 2

Response to Pre- Bid Queries

72	15. Scope of Work 15.5 Annual Operation and Support of the Land Management System	Annual Support shall include change requests.	Requesting GMDC to define the terms and conditions along with the financial implications for the “Change Request”.	It is part of the contract.
73	15. Scope of Work 15.5 Annual Operation and Support of the Land Management System	Annual Support shall include change requests.	Requesting GMDC to to define the criteria and procedure for Change request management along with the financial implications.	It is part of the contract.
74	15. Scope of Work 15.1.10 Land Information Management System	The legacy data will be entered manually and documents like Lease deeds, RoR, RSD, Sanction orders, Govt orders, Cadastral Maps, Payment vouchers towards compensation/R&R, Gram Sabha resolutions, Copies of, Certified copies of Court orders, etc. will be scanned, and uploaded into the system.	The Cadastral Map consisting of plots should have the unique identification number which can be used to integrate the legacy data with it.	Please refer to corrigendum - 2
75	15. Scope of Work 15.1.10 Land Information Management System	The legacy data will be entered manually and documents like Lease deeds, RoR, RSD, Sanction orders, Govt orders, Cadastral Maps, Payment vouchers towards compensation/R&R, Gram Sabha resolutions, Copies of, Certified copies of Court orders, etc. will be scanned, and uploaded into the system.	The integration is only possible when there is common id's for both legacy and feature layer of the plot data.	Please refer to corrigendum - 2
76	15. Scope of Work 15.1.11 Geo spatial data	The system planned will not only manage the legacy data as mentioned above, but it will also manage the Geo spatial data	Request you to add the GIS web based dashboard consisting of the maps, numerical data and pictorial data of the Land Management Information System.	Please refer to corrigendum - 2
77	15. Scope of Work 15.1.10 Land Information Management System	The legacy data will be entered manually and documents like Lease deeds, RoR, RSD, Sanction orders, Govt orders, Cadastral Maps, Payment vouchers towards compensation/R&R, Gram Sabha resolutions, Copies of, Certified copies of Court orders, etc. will be scanned, and uploaded into the system.	Since majority of the documentation approval will be related to Land Parcels, why aren't you including the location information in the workflow management system?	Please refer to corrigendum - 2

Response to Pre- Bid Queries

78	15. Scope of Work 15.1.2	The Software can be developed, or it can be customized if the successful bidder has a product. If the Software is developed, GMDC shall have exclusive ownership of the Source Code and Business Data whereas in the case of a customized product, GMDC shall have exclusive ownership of the Customized Source Code and the Business Data. In both cases, the ownership of complete software shall be with GMDC for a lifetime.	Whats the existing RDBMS system is present in organization or in which RDBMS system the document needs to be done	The successful bidder will set up a new database for an LMS and the existing database will not be used for the LMS
79	15. Scope of Work 15.1.12	Based on the Geo-Spatial data input, various periodic reports can be generated through the Query Module swiftly by integrating all the plans.	The queried reports should also consist of the location information hence instead of MIS reports it can be Location based Reports or GIS based reports	Please refer to corrigendum - 2
80	15. Scope of Work 15.3 Technical Features of Land Management System	SMS & Email Management	Under which task the alert mechanism is very required. Need more clarification on this.	Alert mechanisms are crucial during the "Monitoring" phase of time-bound activities.
81	15. Scope of Work 15.1.11 Geo spatial data	The system planned will not only manage the legacy data as mentioned above, but it will also manage the Geo spatial data	what all data & maps GMDC will provide. As for the execution of the project we need to understand the actual scope of the work.	Please refer to corrigendum - 2
82	15. Scope of Work 15.1.11 Geo spatial data	The system planned will not only manage the legacy data as mentioned above, but it will also manage the Geo spatial data	If Change detection / encroachment analysis is a part of the scope, GMDC needs to provide multi-temporal satellite images multiple times. kindly confirm. What will be the time interval in months / year. We need to do the Land use mapping for every time when new satellite image will provide & then do the change analysis.	Please refer to corrigendum - 2

Response to Pre- Bid Queries

<p>83</p>	<p>15. Scope of Work 15.1.11 Geo spatial data</p>	<p>The system planned will not only manage the legacy data as mentioned above, but it will also manage the Geo spatial data</p>	<p>What are the scope of the work for GIS mapping kindly mentioned: 1. Location wise Scanning, Mosaicking, Geo-Referencing (inhouse) & Digitalization of Cadastral map for the entire Mining Lease and surrounding area (Hardcopy Old & New maps will be provided by GMDC. Kindly mentioned approximate number of villages per location or total number of villages. 2. Any type of field survey is out of scope, kindly confirm. 3. GMDC will provide DGPS points / mining lease area map in .shp & KMLfile for each location. DGPS survey is out of scope for the agency. 4. Satellite image will be provided by GMDC & LULC maps to be prepared for the entire area. Kindly confirm. 5. If scanning of the document is a part of the scope, kindly mention number of approximate documents to be scanned for each plot & the size would be A4, A3 & legal. 6. As per the scope of the work , we request you kindly provide the quality wise GIS mapping scope for better calculation on actual quantity of the work to be done as the scope of the work has been divided into multiple parts one is GIS map development another is software development with scanning & preservation of the land documents.</p>	<p>Please refer to corrigendum - 2</p>
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Response to Pre- Bid Queries

84	15. Scope of Work 15.3 Technical Features of Land Management System	The system should have the provision to integrate with GMDC's ERP (Oracle), Active Directory System, Outlook, and other 3rd Party applications.	Kindly mention above the 3rd party applications? How many application we need to integrate. We have understood that for the integration Service API will be provided by GMDC.	Currently, there are no other specific third-party applications requiring integration, but potential future integrations may be considered.
85	15. Scope of Work 15.3 Technical Features of Land Management System	A dedicated Mobile Application (Android/ IOS) is preferred however not mandatory	kindly mention the scope for mobile app? Is it filed data collection app for family & asset survey during r&R and Land Acquisition ?	Please refer to corrigendum - 2
86	15. Scope of Work 15.1.10 Land Information Management System	The legacy data will be entered manually and documents like Lease deeds, RoR, RSD, Sanction orders, Govt orders, Cadastral Maps, Payment vouchers towards compensation/R&R, Gram Sabha resolutions, Copies of, Certified copies of Court orders, etc. will be scanned, and uploaded into the system.	Export to PDF & Excel is ok. Import from Excel is ok. Kindly confirm here Import of Data from PDF means any scanned PDF document would be uploaded into the system. PDF to MIS data import is not a part of the scope and may not be possible.	Please refer to corrigendum - 2
87	15. Scope of Work 15.5 Annual Operation and Support of the Land Management System	Annual Support shall include change requests.	Any change request may be considered as new work and enhancement, So separate cost involvement is there. What will be the approximate change request percentage per year so that we can calculate the approximate effort.	It is part of the contract.
88	15. Scope of Work 15.1.11 Geo spatial data	The system planned will not only manage the legacy data as mentioned above, but it will also manage the Geo spatial data	Does GMDC currently utilize a GIS application?	Currently, there are no GIS systems or tools in use by GMDC that require integration with the new Land Management System. However, the system should be designed with the flexibility to integrate with other GIS systems or tools in the future, if the need arises.

Response to Pre- Bid Queries

89	15. Scope of Work 15.1.11 Geo spatial data	The system planned will not only manage the legacy data as mentioned above, but it will also manage the Geo spatial data	What are the formats of the DGPS data? Would you prefer to store this data within the same Oracle database used by the LMS, or on a separate document or content management server? What is the source of the DGPS map data?	Please refer to corrigendum - 2
90	15. Scope of Work 15.1.11 Geo spatial data	The system planned will not only manage the legacy data as mentioned above, but it will also manage the Geo spatial data	Would you like to store the geo-database data within the same Oracle database, or would you prefer a separate database?	It will be decided by the successful bidder.
91	15. Scope of Work 15.5 Annual Operation and Support of the Land Management System	Annual Support shall include change requests.	Could you provide more specifics on the expected frequency and scope of these updates?	As a need basis.
92	16. Payment Terms	Payment Terms	Requesting client to give confirmation from your office regarding the deliverables for the support activities.	RFP conditions remain unchanged
93	16. Payment Terms	Payment Terms	Request your good office to kindly clarify on the 15% administrative charge and how and when the successful bidder will get a refund of the 15% administrative charge	RFP conditions remain unchanged
94	17. Milestones	Milestones	The timeline is very short. Request you kindly extend the project timeline for Development of the application for at least 5 months from the date of received of the work. Note: The GIS mapping work is continuous work and it will going on.	RFP conditions remain unchanged
95	17. Milestones	Milestones	Looking at the scope of work it is requested to kindly increase the Go live timeline from 90 days to 240 days . Kindly confirm	RFP conditions remain unchanged
96	18 Liquidated Damages	Liquidated Damages	For the purpose of calculation can the date of signing of contract be considered as the reference date?	RFP conditions remain unchanged

Response to Pre- Bid Queries

97	19 Statutory Obligations	If any amount becomes payable by GMDC as a result of any claim or application in terms of the provisions or non-compliance of provision of any Acts and the Rules and Regulations, By-laws or the Orders made there under, applicable from time to time, such amounts shall be recoverable from the Successful Bidder for which GMDC will not be responsible for any compensation.	However, this does not apply to claims or amounts resulting from GMDC's own actions or omissions. If GMDC's actions or omissions lead to non-compliance or claims, it might be unfair to hold the Successful Bidder solely responsible. This could be seen as unjust and may deter potential bidders.	RFP conditions remain unchanged
98	20. Termination	If at any time during the currency of this contract, any breach occurs due to the reasons attributed to the Successful Bidder, GMDC shall be at liberty to terminate this contract without assigning any reasons, whatsoever, for such termination and any losses and/or damages occurring due to such termination shall be borne by the Successful Bidder. GMDC shall be entitled to forfeit Security deposits as Liquidated damages.	If at any time during the currency of this contract, any breach occurs due to the reasons attributed to the Successful Bidder, GMDC shall be at liberty to terminate this contract without assigning any reasons, whatsoever, for such termination and any losses and/or damages occurring due to such termination shall be borne by the Successful Bidder. GMDC shall be entitled to forfeit Security deposits as Liquidated damages.	RFP conditions remain unchanged
99	28. Foreclosure,	In case of any necessity arising due to local working conditions or any unforeseen reason not in the control of the Successful Bidder or the GMDC or any reason whatsoever, GMDC shall be at liberty to foreclose the contract without arranging any reasons or notice therefor.	Request to modify the clause to: In case of any necessity arising due to local working conditions, unforeseen reasons not in the control of the Successful Bidder or GMDC, or any other substantial reason, GMDC shall have the right to foreclose the contract. GMDC shall provide a written notice of at least 30 days to the Successful Bidder, outlining the reasons for termination. Upon termination, GMDC shall compensate the Successful Bidder for all verifiable costs incurred up to the date of termination and for any work completed.	RFP conditions remain unchanged

Response to Pre- Bid Queries

100	--	--	<p>We are registered under MSME are eligible to get benefits under Public Procurement Policy for Micro & Small Enterprises (MSEs) order 2012 and amendment on 2018 as notified by the Government of India, Ministry of Micro Small & Medium Enterprises, New Delhi</p> <ul style="list-style-type: none"> • Issue of the Tender Sets free of Cost • Exemption from payment of Earnest Money/Bid Security Deposit <p>Kindly consider the above exemption clause for this tender. Please find attached our MSME & NSIC Certificate.</p>	RFP conditions remain unchanged
101	--	--	Requesting you kindly amend the BOQ	RFP conditions remain unchanged
102	--	--	Is it necessary to implement High Availability (HA) on the Production environment using two Application Servers connected via a Load Balancer?	Yes
103	Period of contract	<ol style="list-style-type: none"> I. The period for the development and commission of LMS is 90 Days from the date of LOI. II. The period for scanning and indexing all existing physical documents related to the Land is 60 days from the date of LOI. III. 3 years of operation and support of LMS from the date of successful completion of two months of go live support. 	Looking at the time period, we understand the total contract period would be 3 years 5 months that is (3 months development + 2 months stabilization + 3 years of O&M)	Yes