



Request for Proposal for

PREPARATION OF DETAILED PROJECT REPORT (DPR) FOR LIGNITE MINING PROJECTS OF GMDC IN KUTCH AND SOUTH GUJARAT

Corrigendum -1

Responses to Pre-Bid Queries

Gujarat Mineral Development Corporation Limited

Khanij Bhavan, 132-Ring Road, Gujarat University Ground, Vastrapur, Ahmedabad- 380052

18th Nov. 2022

The following are the responses to the Pre-bid Queries as related to the pre-bid meeting held on 03-11-2022. The responses and accompanying modifications in the corrigendum if any shall become part of the RFP. For any queries not covered, RFP provisions remain unchanged.

| Sr. No. | RFP Reference | Query/Clarification Required | Response / Corrigendum if applicable |
|---------|--|---|--|
| 1 | Sr. no. A “Project Justification” of the ‘Terms of Reference’ (TOR) under Scope of Work (SoW) in Section II. | For demand and supply analysis for Lignite, we would request to clarify whether the analysis to be restricted to within the limits of Gujarat State or Indian / Global perspective. | Potential markets for Analysis should cover regions which can be potential markets in Gujarat and surrounding states. |
| 2 | | W.r.t the above query, it also needs to be understood, whether the information on the following areas would be provided by GMDC or not: a. Potential market base of lignite for GMDC within Gujarat and India and abroad, if any b. Sales price for individual grade of Lignite with pit-mouth head and logistics cost indicated separately, c. Tentative Mining cost for individual mines (indicating the proportion of in-house and contractual operation) and scale of operation (mechanization and manpower) d. Revenue generated by GMDC on Lignite sales for last 5 years minimum | Primary information is available on GMDC website. However, the detailed information will be provided to the successful bidder if deemed necessary. |
| 3 | | For analyzing the “Opportunities for lignite and limestone projects in Gujarat given the demand and | a. Targeted market is primarily Gujarat and adjacent states for lignite. For limestone, |

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| | | <p>supply situation, outlook and challenges” following information would be required:</p> <ol style="list-style-type: none"> a. Potential targeted market for individual grade of lignite and limestone by GMDC (Gujarat, any other states in India or abroad) b. Potential end-user industry to be supplied to c. Whether GMDC envisages to use the lignite and limestone for their captive consumption or they would like to set up semifinished end-use plant or envisions to be become a Merchant miner | <p>GMDC is engaged with various cement industries in Gujarat to make them potential customers.</p> <ol style="list-style-type: none"> b. End user industries are power, cement, textiles, ceramics etc. c. Majority of produce is to be used for merchant selling. Few percentages may be used for captive purposes. <p>The consultant may consider the pit head costing in the DPRs.</p> |
| 4 | Sr. no. B “Marketability, Phasing and Justification” of the ‘Terms of Reference’ under Scope of Work (SoW) in Section II | <ol style="list-style-type: none"> a. For Suitable size of mining operation and phasing based on criteria such as economies of scale, market base and preferences, land requirement, permits and efficiency variations to be done – This has to be done for the entire Life of the Mine (LOM) for each Lignite and Limestone block, in a phased manner, considering the basis as current lignite & limestone domestic market and challenges faced by them, or GMDC would prefer this to be done for a limited period as per their business need? b. Land requirement to be phased and completed in first 5 years of start of the operation | <ol style="list-style-type: none"> a. The assessment is to be done for LOM by adopting standard practices used to such assessment for greenfield mining projects. b. Land Acquisition phasing and such permits for each projects has to be suggested by the Consultant as part of the DPR. Sensitivity analysis of the project returns/IRR with respect to different assumptions, such phasing and permit scenarios also needs to be brought out. |

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| | | c. Permits required to be considered to obtain within first 2 years of operation or more than that? | |
| 5 | 'Deliverables' section, Sr. no. 2 under TOR | - Mentioned that "Submission of Project Assumptions relating to Geology, Mine Design and Mine Planning Parameters, Project Constrains and Financial Modelling." Do you consider this assessment to be done without considering the outcome of Sr. no. A & B of TOR? | Submission of Project Assumptions will be required within one month from commencement of work. That may include Sr. No. A and B of TOR to such an extent which the Consultant may consider necessary for working out the assumptions. |
| 6 | Section IV of the RFP document within the "Consulting Fees and Payment Terms" | The very first payment gets released after 1 month from commencement after "Submission of Project Assumptions relating to Geology, Mine Design and Mine Planning Parameters, Project Constrains and Financial Modelling". We would request to introduce a payment to be released along with the signing of the agreement, to mobilize the team and start working on the assumptions | RFP provisions remain unchanged. |
| 7 | | Under Support from GMDC, kindly specify what all reports, information and documents to be provided by GMDC for each lignite and limestone block. | Please See Annexure 1 : Status of Data & Reports |
| 8 | | In terms of facilitating for site visit will the boarding & lodging arrangements being envisaged to be done and completely taken care by GMDC – Kindly clarify | Boarding & lodging arrangements and cost for the same will be in the scope of consultant. GMDC has two Guest Houses, one each at Kutch and South Gujarat. It may provide lodging and boarding at these Guest Houses based on availability on chargeable basis. |

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| 9 | | We request you to kindly relax on Technical and Financial Pre-Qualification Criteria as per the GoI, Ministry of Finance Notification No. F. 20/2/2014-PPD(Pt), for relaxation of condition of prior turnover and prior experience in public procurement for all Start-Ups. | RFP Provisions remain unchanged. |
| 10 | | Kindly also specify the battery limit of the project in detail. | Please refer Annexure 14 of RFP. |
| 11 | <p>Section II Scope of Work (3) Support from GMDC, Page no. 9</p> <p>GMDC shall provide all necessary support to the Consultant, which shall include; a) All study Reports, information and documents pertaining to the Project as available with GMDC</p> | <p>GMDC to clarify:</p> <ol style="list-style-type: none"> 1) Level of Geological Exploration and Study Report: Please specify the level of exploration of each lignite / limestone block and whether digitized GRs are available with GMDC? 2) Mining Plan: Whether Mining Plans for the 6 Lignite Mining blocks have been prepared, approved and available with GMDC? If yes then whether Mining Plan has been prepared for Lignite & Limestone deposits separately in Kutch area for each block or Integrated Mining plan have been prepared consisting of both Lignite and Limestone deposits for each block? 3) GMDC may specify the end-use of lignite and limestone? 4) What is the source of industrial power & availability of water for these Blocks? 5) Lignite Beneficiation: Whether beneficiation / washing of lignite is required for pyrite removal? | <ol style="list-style-type: none"> 1) Pl see Annexure 1 Status of Data & Reports. 2) Pl see Annexure 1 Status of Data & Reports. 3) Refer query no. 1 and 2. 4) Industrial Power: State Power Distribution Company. Scarce water availability in Kutch area. 5) Depending on the analysis quality of lignite, the consultant has to suggest requirement of beneficiation. If it is required, then the dry beneficiation process will be preferred. |

| Sr. No. | RFP Reference | Query/Clarification Required | Response / Corrigendum if applicable |
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| 12 | Section III: Instruction to Bidders 5.1. Pre- Qualification Criteria Page no. 20 | <p>The Bidder should have satisfactorily completed at least two DPR/Feasibility Studies for Preparation for Coal/ Lignite projects in last 7 years reckoned from the date of submission of the Technical Bid (From 01st Oct 2015 to 30th Sep 2022). The Bidder should provide client work order and completion certificate evidencing the completion of the work.</p> <p>The suggested clause would bring more flexibility to the Bidders for Participation in this Bid. Therefore, GMDC may modify this clause as suggested.</p> | <p>Agreed.</p> <p>Section III: Instruction to Bidders, 5.1. Pre- Qualification Criteria, point (iii) stands revised as follows:</p> <p>“(iii) The Bidder should have satisfactorily completed at least two DPR/Feasibility Studies for Preparation for Coal/ Lignite projects in last 7 years (From 01st Oct 2015 up-to the date of submission of Price Bids online). The Bidder should provide client work order and completion certificate evidencing the completion of the work.”</p> |
| 13 | Section III: Instruction to Bidders 5.2. Technical Score Criteria Page no 20 A1 – Experience of Bidder Experience of having completed full DPR/ Techno- Economic Feasibility Report (TEFR) for Coal or Lignite projects only over last 7 years (From 01st | <p>Experience of having completed full DPR/ Techno- Economic Feasibility Report (TEFR) / Detailed Techno- Economic Assessment Report for Coal or Lignite projects only over last 7 years (From 01st Oct 2015 to 30th Sep 2022) reckoned from the date of submission of the Technical Bid.</p> <p>The Detailed Techno- Economic Assessment Report of Coal / Lignite projects may also be considered by GMDC as such reports also comprise of Technical, Economic and Financial aspects of the project. Therefore, GMDC may modify this clause as suggested.</p> | <p>Agreed. Pl see revised Table under 5.2. Technical Score Criteria placed as Annexure 2.</p> |

| Sr. No. | RFP Reference | Query/Clarification Required | Response / Corrigendum if applicable |
|---------|---|---|--|
| | Oct 2015 to 30th Sep 2022). | | |
| 14 | <p>Section III: Instruction to Bidders 5.2. Technical Score Criteria Page no 20 A2 – Experience of Bidder</p> <p>Experience of having completed Feasibility Studies (FS) for Coal or Lignite projects only over last 7 years (From 01st Oct 2015 to 30th Sep 2022). Only completed projects considered. Any DPR/TEFR Study experience spilling over from 1 above (if more than 10) too can be considered.</p> | <p>1. Experience of having completed Pre- Feasibility Studies / Feasibility Studies (FS) for Coal or Lignite projects only over last 7 years reckoned from the date of submission of the Technical Bid (From 01st Oct 2015 to 30th Sep 2022). Only completed projects considered. Any DPR/TEFR Study experience spilling over from 1 above (if more than 10) too can be considered.</p> <p>2. The Pre- Feasibility Studies and Feasibility Studies are similar as both the reports have the same purpose to determine, analyze and select the scenario for “go/no-go” decisions. Therefore, GMDC may modify this clause as suggested</p> | <p>1. Agreed. Pl see revised Table under 5.2. Technical Score Criteria placed as Annexure 2.</p> <p>2. RFP Provisions remain unchanged.</p> |
| 15 | <p>Section III: Instruction to Bidders 5.2. Technical Score Criteria Page no 21</p> | <p>1) Experience of having completed Due Diligence/ Mining Projects Evaluation for Coal or Lignite projects only over last 7 years reckoned from the date of submission of the Technical Bid</p> | <p>1) Agreed. Pl see revised Table under 5.2. Technical Score Criteria placed as Annexure 2.</p> |

| Sr. No. | RFP Reference | Query/Clarification Required | Response / Corrigendum if applicable |
|---------|---------------------------|--|--|
| | A3 – Experience of Bidder | <p>(From 01st Oct 2015 to 30th Sep 2022). Only completed projects considered.</p> <p>2) GMDC to Clarify: We understand that “Mining Projects Evaluation” means Technical & financial Due-diligence / Appraisal / Cost estimation for Coal or Lignite projects.</p> | 2) Yes |
| 16 | 7.3. Performance Security | <p>The Successful Bidder shall furnish Performance Security to GMDC for securing the due and faithful performance of its obligations under the Agreement, within 30 days from the date of Letter of Award, in the form of Demand Draft or an unconditional and irrevocable bank guarantee for amount of equivalent to 3 % (Three Percent) 5% (Five percent) of Consulting Fees and payable to GMDC from Approved Bank to GMDC in any one of the following forms/formats.</p> <p>In respect of Performance Security, reference is invited towards the Department of Expenditure, Procurement Policy Division of Ministry of Finance, Govt. of India Office Memorandum dated 30th December 2021 (Annexure- A) wherein under clause 3, it has been mentioned that; <i>“In view of all above, it is decided to reduce Performance Security from existing 5-10% to 3% of the value of the contract for all existing contracts”.</i></p> | <p>Agreed. Clause 7.3 (i) stands revised as follows:</p> <p>“The Successful Bidder bank guarantee for amount of equivalent to 3 % (Three Percent) 5% (Five percent) of Consulting Fees and payable to GMDC from Approved Bank to GMDC in any one of the following forms/formats. “</p> |

| Sr. No. | RFP Reference | Query/Clarification Required | Response / Corrigendum if applicable |
|---------|---------------|---|--|
| 17 | | Can a bidder submit their bid for both the packages? In that case, will the bidder have to pay the tender fees twice for two submissions? | <p>Yes, bidder can submit for both the packages but one bidder will be awarded one package only. Pl refer Page 7, Section 1 : Background last para.</p> <p>Tender fee will have to be paid once only.</p> <p>Only one technical bid required to be submitted for both the packages. All Technical Bid information except Approach and Methodology (A&M) would be common to both packages. Relevant part of A&M can be package wise and need not be sealed separately. Please note that online Price Bids needs to be submitted separately for each package.</p> |
| 18 | | Is the EMD of 300,000 for both the packages or for a single package? | Bidder has to be pay a total of Rs 3,00,000/- EMD irrespective of the number of packages he is applying for. |
| 19 | | Can the Submission of Technical Bid be done online? As per the NIT/Tender document, hard copies are required. We would like to request for the submission to be done online. | RFP Provisions remain unchanged. |
| 20 | | Timeline: Is the mentioned timeline of 6 months for an entire package (3 mines). Is there any scope for the extension of the timeline for this project? | For entire package. No scope for extension. |
| 21 | | <p>Payment Terms:</p> <p>There is a significant gap between the 1st Payment and the 2nd Payment schedule. We would suggest bringing in another milestone/payment schedule. Accordingly,</p> | RFP Provisions remain unchanged. |

| Sr. No. | RFP Reference | Query/Clarification Required | Response / Corrigendum if applicable |
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| | | <p>we propose the following payment schedule to be implemented.</p> <p>10 % Advance Payment</p> <p>20% Payment: Submission of Project Assumptions relating to Geology, Mine Design and Mine Planning Parameters, Project Constrains and Financial Modelling - 1 month from Commencement</p> <p>40% Payment: Submission of Draft Report: 5 months from Commencement</p> <p>25% payment: Submission of Final Report (after incorporating GMDC comments and observations): 6 months from Commencement</p> <p>5% payment: Presentation to GMDC Board: End of quarter</p> | |
| 22 | | <p>In the experience section, can the minimum required experience of the: Geological Modeller” be changed to 10 years instead of 15 years?</p> | <p>Agreed. Sec 5.2 Min. Experience requirement of Geological Modeler stands revised to 10 years as follows:</p> <p>Experience</p> <ul style="list-style-type: none"> • Min Experience: 10 Years <p>Marking Criteria</p> |

| Sr. No. | RFP Reference | Query/Clarification Required | Response / Corrigendum if applicable |
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| | | | <ul style="list-style-type: none"> • 10 Years : 1 mark • >15 years : 2 marks |
| 23 | | What is the objective of the project. (Is it to determine the bankability, board approval, EC it or operational?) | Includes all mentioned. |
| 24 | | What is the data that are available with GMDC pertaining to the 6 mines? | Pl See Annexure 1 |
| 25 | | In the tender document, both EMD and Performance guarantee are mentioned. We suggest that either the EMD or the Performance Guarantee may be kept but not both. | Both PS and EMD are serving different purposes. The EMD will be returned as per clause 2.5 (d) or (e) whichever is applicable. |
| 26 | | Are the Mine Plans and EC available for the mines? | Pl see Annexure 1 |
| 27 -1 | Section II : Scope of work 1. Terms of Reference | As per public private partnerships in India, Ministry of Finance, Government of India, general content of feasibility study includes market analysis, technical feasibility, preliminary cost assessment, financial analysis and due diligence, economic feasibility and project implementation schedule. Whereas DPR (detailed project report) is a vast document having detailed plan of each action and particulars about the proposed project including detailed specification of proposed plant and machinery, drawings, design and specification of various civil, mechanical and electrical components etc. | Scope is as per Section II. The work requires is detailed as per standard DPR known to industry players with experience in preparing DPR in mining industry. Detailed drawings, design and specification of various civil, mechanical and electrical components and testing as applicable is included and expected. |

| Sr. No. | RFP Reference | Query/Clarification Required | Response / Corrigendum if applicable |
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| | | <p>The scope as per Section II of RFP seems to be preparation of feasibility study/report instead of preparation of detailed project report.</p> <p>Request: It is requested to kindly clarify whether scope of bidder is limited to Section II of RFP i.e. preparation of feasibility study only or detailed project report needs to be prepared.</p> <p>This will help clearly set expectation and also estimate efforts. DPR is exhaustive work and need various site investigations including but not limited to soil testing, site stability, topographic survey, slope stability etc. for designing a mine.</p> <p>Thus kindly clarify if the Scope if Feasibility Study or Detailed Project Report?</p> | |
| 28 - 2 | 5.2 Technical Score Criteria | <p>The total number of reports to be prepared under this RFP is only 6 and even out of those, one Bidder can only secure maximum of 3 Projects whereas experience required from prospective bidder is 16 (10 nos of DPR, 3 nos of feasibility study and 3 nos of due diligence).</p> <p>Request: Since the scope of work is limited to preparation of feasibility study only for 6 projects (with one Bidder could secure only maximum of 3), we request you to kindly consider followings:</p> <p>1. Experience required from prospective bidder should not be more than 100% of the work content i.e. 6 nos of project</p> | <p>Pl see revised table under Sec 5.2 Technical Criteria at Annexure 2.</p> <p>Other RFP provisions remain unchanged.</p> |

| Sr. No. | RFP Reference | Query/Clarification Required | Response / Corrigendum if applicable |
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| | | <p>2. Categorization i.e. marking for DPR, feasibility and due diligence should be merged. There should not be separate experience to be sought from bidder regards to due diligence, TEFR etc as the scope of work is not related to such activity while as highlighted earlier, scope of work is for feasibility study and not preparation of Detailed Project Report including designs of proposed facilities.</p> <p>3. Feasibility Study/Auction Support/Evaluation/Due Diligence/Pre Feasibility Study are the names used interchangeably in India and thus request you to broaden definition of similar work and request to look at detailed scope which should reflect technical feasibility and costing.</p> <p>4. Entire 45 marks for the Technical Experience should be given as 5 marks for each project of similar nature.</p> <p>5. In case of multiple blocks evaluated under same work order, each should be considered separate.</p> | |
| 29 - 3 | <p>Sec 1 : Background Since both packages are not to be awarded to the same bidder, the winning bidder for Package 1 will not be considered for Package 2. Details are provided in the evaluation section.</p> | <p>As per RFP, there is no choice is available to bidder wrt to selection of packages.</p> <p>Request:</p> <ol style="list-style-type: none"> 1. In case bidder is technically qualified, he should be allowed to select which package he would prefer to opt from two options. 2. Bidder should also be allowed to skip the 1st package if he wants in case he is L-1 bidder. | RFP provisions remain unchanged. |

| Sr. No. | RFP Reference | Query/Clarification Required | Response / Corrigendum if applicable |
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| 30-4 | 5.1 (ii) The Bidder must have an annual audited revenue of INR 5 (Five) crore from consulting activities averaged for the best 3 years out of last 5 years ended on 31/03/2022 | Refer to letter no. F.20/2/2014-PPD(Pt.) dated 25th July 2016 issued by Ministry of Finance, department of public expenditure, it is clarified that departments/ministries may relax conditions of prior turnover and prior experience in public procurement to all startups (Letter enclosed) Request: Request you to kindly allow starts up with relaxation in turnover and prior experience criteria. The startup shall be allowed to showcase their technical strength and sufficient team strength along with experience pertaining to design and feasibility studies on coal / lignite as per scope of work during presentation. This will provide boost to government initiative of startup India, standup India. This is in line with Government of India policy. | Provisions remain unchanged. |
| 31 -5 | Page 9 – 2; Deliverables | Kindly clarify if the timeline for all deliverables is same and all 6 projects of Package 1 and Package 2 to be delivered together or these would be taken up by GMDC over period. RFP suggest these to be in parallel. | Same Deliverables are applicable to all Projects. To be delivered together in parallel. |
| 32-6 | Page 21: Team composition | Can Team Leader and Mine Planning Expert be same or must be different persons? | Cannot be the same person. |
| 33-7 | Page 21, Team Composition | Financial Modelling is a different skill and hence other relevant qualifications should be allowed. We request following modification: Educational Qualification • MBA with finance subjects / CA /CFA/Masters in Finance | Agreed. Sec 5.2 Qualifications for Financial Modelling Expert stand modified as follows Educational Qualification • MBA with finance subjects / CA /CFA/ICWA/ Masters in Finance Experience |

| Sr. No. | RFP Reference | Query/Clarification Required | Response / Corrigendum if applicable |
|---------|--|--|---|
| | | Experience <ul style="list-style-type: none"> Min Experience: 10 Years in Financial Modelling/Project Appraisal/Evaluation etc. | <ul style="list-style-type: none"> Min Experience: 10 Years in Financial Modelling/Project Appraisal/Evaluation etc. |
| 34-8 | Page 21: Team Composition: R&R and Statutory Compliance Expert | Land Experts are typically people with Legal background and this present qualification seems restrictive to SIA kind of experience which is less relevant here. We suggest following more allowable qualification: Educational Qualification <ul style="list-style-type: none"> Relevant Qualifications such as BE (Env.), LLB, MSW, MA (Sociology) etc. Experience <ul style="list-style-type: none"> Min Experience: 15 Years in Land Acquisition or R&R related work for Coal/Lignite Mining | Agreed. Sec 5.2 Qualifications for R&R and Statutory Compliance Expert stand modified as follows: Educational Qualification <ul style="list-style-type: none"> Relevant Qualifications such as BE (Env.), MSW, MA (Sociology), LLB etc. Experience <ul style="list-style-type: none"> Min Experience: 15 Years |
| 35-9 | Team Composition | Kindly clarify if all the proposed expert must be full time with Bidder or otherwise is allowed? Given it is high confidentiality work, ideally all proposed expert must be employee of Bidder or full-time associate. Further kindly clarify if these is any age limit for the proposed experts? | Preferably full time, but mix of full time and associates can be permitted. No age limit. |
| 36-10 | 5.2 Technical Score Minimum Qualifying Score of 70 marks | Minimum Qualifying scope of 70 marks is on higher side and should be reduced to 50. | RFP Provisions remain unchanged. |
| 37-11 | 5.5 Composite Score | Composite Score (CS) = Technical Score (TeS) * 0.80 + Financial Score (Fis) * 0.20 80% weight to technical scope is very high. It should be ideally 50-60% only since these is no proprietary technique or technology involved. | RFP Provisions remain unchanged. |

| Sr. No. | RFP Reference | Query/Clarification Required | Response / Corrigendum if applicable |
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| 38-12 | 5.3 – Technical Score Criteria | <p>The Bidder is being evaluated for past experience in first criteria for 45 marks. Team is also being evaluated under second criteria for 20 marks. Hence, 10 marks again for experience pertaining to design and feasibility of Coal/Lignite is duplicating of marking for same experience.</p> <p>Secondly, “Understanding of the key processes, testing requirements and technologies involved in Lignite/Coal mining and Limestone” need clarity what is expected? Whether GMDC is expecting us to present entire value chain or different technologies available for mining or how planning is done?</p> <p>Request you to kindly relook at marking distribution to make it more balanced and clearer on what is expected from Bidder.</p> <p>We suggest scoring of 40 marks for Bidder’s credentials, 40 marks for Team Credentials (which is most important as It is proposed team who will need to work on the project) and 20 marks on Approach and Methodology.</p> | <p>Part A is judging organisational performance on quantitative criteria. Inclusion of “experience pertaining to design and feasibility of Coal/Lignite in approach and method / presentation section allows evaluation based on qualitative parameters and hence there is no duplication.</p> <p>-Bidders recommendations on same based of their prior experiences and industry best practices.</p> <p>- No change in marks distribution.</p> |
| 39 | | Whether GMDC will provide the 3D resource model along with the Geological Report? If so, kindly indicate the software used for preparation of the 3D model? | 1. Please refer Annexure 1 . |
| 40 | | If resource model is not available, do we need to prepare and provide the same using specialised mine | 2. Resource model is available for 5 projects. Pl see Annexure 1 . |

| Sr. No. | RFP Reference | Query/Clarification Required | Response / Corrigendum if applicable |
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| | | planning software? Or the model can be prepared by conventional software like AutoCAD/Excel? | 3. Where not available, specialized software for geological model/mine plane is required instead of use of AutoCAD and/or MS Excel. AutoCAD may be used for generation of plans. |
| 41 | | Is geotechnical data available for all the projects? Or geotechnical assessment is part of the current scope? | Not available. Yes. Part of current scope. |
| 42 | | Is hydrological and hydrogeological data available for all the projects? Or hydrological and hydrogeological assessment is part of the current scope. Is there any data related to status of water percolation and the current regime of ground water? | Pl see Annexure 1 |
| 43 | | Is topographical data available through conventional Total Station/DGPS or 3D Drone survey? | Topographical data is available in the form of surface contour (1 m interval) and in AutoCAD format. |
| 44 | | Does the current scope envisage provision for supporting/acquiring data related to any statutory permissions? | The scope is limited to preparation of DPR only, whereas, if the consultant finds it necessary to obtain additional data for completion of DPR, they may do so. |
| 45 | | Does the current scope include Land and R&R studies? | Land and R&R studies are required to the extent such as to provided necessary cost inputs of land acquisition and R&R activities. |
| 46 | | In case of Kutch projects, detailed Mine Design and Production scheduling has to be prepared for lignite only or for both minerals (Lignite and Limestone)? | For Kutch Projects, the studies are to include Limestone along with Lignite. |
| 47 | | For Ghala Lignite Block, any canal diversion is anticipated? If so, will it be part of consultant's scope? | Yes, and Yes. |
| 48 | Section II : Sec 1 : TERMS OF REFERENCE | Addition in Scope | The following items are to be covered in the Scope of Work for particular projects: |

| Sr. No. | RFP Reference | Query/Clarification Required | Response / Corrigendum if applicable |
|---------|---------------|------------------------------|---|
| | | | <p>All six projects :</p> <p>Assessment on technical and financial feasibility for gasification of lignite in terms of its potential in the respective projects. The details of technology, capital project and operating costs, revenue and prices, returns etc. to be included in the DPR accordingly.</p> <p>For Damlai Padal:</p> <p>Assessment on Silica produced along with removal of overburden during the production of Lignite in terms of its potential market, capital project and operating costs, revenue and prices, returns etc.</p> <p>For Valia :</p> <p>Assessment of Lignite produced in terms of consumption for captive use for power production w.r.t quality (calorific value, ash content, impurities etc.) volume required for certain scale of power plant (how many MWs of power capacity can lignite production support?, PLF etc), beneficiation requirements, potential if any, beneficiation costs and proposed technology etc.</p> |

Annexure 1 : Status of Data and Reports

| PROJECTS | KUTCH PROJECTS | | | SOUTH GUJARAT | | |
|-------------------------------------|--------------------|-----------------------|-------------|-----------------|-----------|-------|
| | PANANDHRO EXTN. | LAKHPAT- PUNRAJPUR | BHARKHANDAM | DAMLAI PADAL | EFG VALIA | GHALA |
| Geological Report | A | A | A | A | A | A |
| Level of Exploration Lignite | G1 & G2 | G1 & G2 | G2 & G3 | G1 & G2 | G2 | G1 |
| Level of Exploration Limestone | G2 | G2 | G2 | NA | NA | NA |
| 3D Resource Model | A | A | A | A | TBD | A |
| Model software | MINEX | MINEX | MINEX | MINEX | NA | MINEX |
| Hydrogeological Study | A | A | A | A | A | A |
| Topography data | A | A | A | A | A | A |
| Mining Plan : LIGNITE | UP | A | UP | UP | UP | UP |
| Mining Plan : LIMESTONE | UP | UP | UP | NA | NA | NA |
| Slope Stability/ Geotechnical Study | UP | UP | UP | UP | UP | UP |
| EIA/EMP | TBD | TBD | TBD | TBD | TBD | TBD |

Abbreviations

| | |
|------------|--------------------|
| A | Available |
| UP | Under Preparation |
| TBD | To be Done by GMDC |
| NA | Not Applicable |

Annexure 2 : Revised Table under 5.2 Technical Score Criteria

The table under Clause 5.2 Technical Score Criteria stands revised as follows:

| Sr No. | Marking Heads | Marks | Sub-Marks |
|----------|---|-----------|--|
| A | Experience of Bidder | 45 | |
| 1 | Experience of having completed full DPR/ Techno-Economic Feasibility Report (TEFR)/ Techno-Economic Assessment Report for Coal or Lignite projects only over last 7 years (From 01st Oct 2015 to Date of Submission of Price Bids Online). | 30 | 5 marks per project. Max: 6 projects. Max: 30 marks |
| 2 | Experience of having completed Feasibility Studies (FS) for Coal or Lignite projects only over last 7 years (From 01st Oct 2015 to Date of Submission of Price Bids Online). Only completed projects considered. Any DPR/TEFR Study experience spilling over from 1 above (if more than 6) too can be considered. | 09 | 3 marks per project Max 3 projects Max 9 marks |
| 3 | Experience of having completed Due Diligence/ Mining Projects Evaluation for Coal or Lignite projects only over last 7 years (Jan 2016 to Date of Submission of Price Bids Online). Only completed projects considered. | 06 | 2 marks per project Max 3 projects Max 6 marks |
| B | Team | 20 | Qualification and Marking criteria for Project Team given separately |
| | Team Leader | 6 | |
| | Geological Modelling Expert | 4 | |
| | Mine Planning Expert | 4 | |
| | Financial Modelling Expert | 3 | |
| | R&R and Statutory Compliances Expert | 3 | |
| D | Approach and Methodology for Proposed Work | 35 | |
| 1 | Understanding of the key processes, testing requirements and technologies involved in Lignite/Coal mining and Limestone | 10 | |

| Sr No. | Marking Heads | Marks | Sub-Marks |
|---------------|--|--------------|------------------|
| 2 | Experience pertaining to design and feasibility studies on coal / lignite | 10 | |
| 3 | Given the industry status, best practices and objectives of GMDC, what is the suggested best fit approach and methodology for this DPR | 15 | |
| | Total (A+B+C+D) | 100 | |
| | Minimum Qualifying Marks | 70 | |