

Request for Proposal

For

**Technical Services for obtaining Forest clearance and Environment Clearance for
Baitarani West Coal Mine and Burapahar Coal block in Odisha**

RFP No.: GMDC/PPD/004/2023-24, May 2023

Corrigendum 1: Response to Pre- Bid Queries

Gujarat Mineral Development Corporation Ltd.

3rd July 2023

Sl. No.	Clause No.	Pre-Bid queries/ Clarification	Response / Addendum / Corrigendum if any
1	Clause 1.5- RFP fees and Clause 2.5- EMD	<p>We are having Udyam Registration Certificate in small category under Ministry of Micro, Small and Medium Enterprises. Are we exempted from submitting the Tender Fee and EMD for this bid.</p> <p>If yes there is no need for submission of Tender Fee and EMD.</p> <p>If no, then only 1(one) no. EMD of INR.3,00,000.00 and 1(one) no. nonrefundable RFP Document/Tender Fee of INR 17,700 in desired format will be submitted.</p>	<p>The Exemption for submission of EMD for MSME registered Bidder is granted.</p> <p>Following sub clause inserted in clause 2.5 (g) .</p> <p>“Bidders holding and sharing valid Certificate issued under the MSME Act, 2006 on the date of submission of Tender are exempted from submission of EMD/ Bid Security”</p>
2	General	<p>Can a person other than the DSC holder be the authorized signatory i.e., supposing that the DSC is in the name of "A" and his DSC will be used for uploading the bid. But our query is that can another person "B" other than "A" be the authorized person to sign the bid.</p>	<p>Yes, the person not holding the DSC can sign the Bid provided the person not holding DSC should be dully authorized through Board resolution and Power of Attorney by the Bidding firm.</p>
3	Query on EC	<p>As discussed in pre-bid meeting held on 14.06.2023, we would like to inform that additional studies are prescribed by the Expert Appraisal Committee (EAC) in the granted TOR. At this point of time, it is not predictable which studies are to come in TOR for conducting EIA study. Therefore, we request your guidance to quote such studies in advance in the present bid.</p> <p>As per the recent guidelines and the MoM of EAC, following studies are normally conducted and can vary depending on the discussion and recommendation of EAC during TOR presentation.</p> <p><u>ADDITIONAL STUDIES</u></p> <ol style="list-style-type: none"> 1.Site Specific Wild Life Conservation Plan/ Regional Wild Life Management Plan by a reputed institute along with Authentication of Flora & Fauna. 2. Hydro-Geological Study Report 3. Water Management Plan in case of Surface water sourcing 4. Traffic Study Report to be prepared / vetted by reputed Institute 5. Slope Stability Report to be prepared / vetted by reputed Institute 6. Surface water/ Drainage Conservation Plan 7. River Protection Plan 8. Nalla / Plan & its approval if applicable 	<p>The Service Provider shall be required to carry out following studies for obtaining EC except Slope stability Report as may be required as per the TOR prescribed by MOEF&CC.</p> <ol style="list-style-type: none"> 1. Site Specific Wild Life Conservation Plan/ Regional Wild Life Management Plan by a reputed institute along with Authentication of Flora & Fauna. 2. Hydro-Geological Study Report 3. Water Management Plan in case of Surface water sourcing 4. Traffic Study Report to be prepared / vetted by reputed Institute 5. Surface water/ Drainage Conservation Plan 6. River Protection Plan if required 7. Nalla /river / Canal/ Waterbody) Diversion Plan, impact study & its approval, if applicable. 8. Riverine/ riparian eco-system conservation & management Plan. 9. Baseline data on the health of population in the impact zone & Mitigation. 10. Blast Vibration Study to be prepared / vetted by reputed

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		<p>9. Riverine/ riparian eco-system conservation & management Plan</p> <p>10. Baseline data on the health of population in the impact zone & Mitigation.</p> <p>11. Blast Vibration Study to be prepared / vetted by reputed Institute</p> <p>12. Management Plan for CPA/ SPA/ OPA; if applicable</p> <p>13. Any other study recommended by EAC.</p> <p>We request your suitable response with regards to the above additional studies for conducting EIA study for the projects.</p>	<p>Institute</p> <p>11. Management Plan for CPA/ SPA/ OPA; if applicable</p> <p>12. Preparation of Catchment Area Treatment Plan</p> <p>13. Ecosystem Services, Carrying Capacity, Cumulative impact assessment, subsidence studies etc.</p> <p>14. Any other study recommended by EAC</p> <p>The Service provider shall build the cost of such studies in its Lumpsum quote/Price bids.</p>
4	Section II Scope of Work -fc	DGPS survey of the 2 blocks (Baitarani West Coal Mine Block in Angul District and Burapahar Coal Mine Block in Sundargarh District) has been done or not. Kindly confirm	<p>The DCGPS survey of the 2 blocks (Baitrani west coal mine in Angul district and Burapahar Coal block) has not been done.</p> <p>DGPS Survey for the Forest land and or CA land required for the FC clearance is in the scope of the Service Provider.</p>
5	Section II Scope of Work	There are no land details mention in case of Burapahar Coal Mine Block in Sundargarh District. Kindly provide.	<ul style="list-style-type: none"> • Total lease area of Burapahar coal block is 606 Ha. of which tentative Forest land area is 221 Ha and Non-Forest Land is 385 Ha. • Land use pattern of forest land for Burapahar coal block as per CMPDI for the reference purpose is specified in Annexure-1 of this document.
6	Section II Scope of Work	Land Schedule of the above 2 blocks has been prepared or not, in comparison with Hal/Sabik/DLC as on 25.10.1980. Kindly confirm.	Preparation of Land Schedule for forest land and Compensatory Afforestation (CA) land is in the scope of the Service Provider.
7	Section II Scope of Work	Scope of Identification of CA Land. Kindly provide.	The identification of CA land is in the scope of Service provider.
8	Section II Scope of Work	Scope of conducting DGPS survey and pillar posting of CA Land area. Kindly provide.	<p>The DGPS survey for forest and CA land is in the scope of the Service Provider.</p> <p>The Service Provider shall coordinate with Forest department for the Pillar Posting work. However, cost pertaining to placing pillars shall be borne by GMDC.</p>
9	Section II Scope of	Scope of obtaining NOC under FRA 2006 of the forest land proposed to be diverted including Gram Sabha. Kindly provide.	The Scope of obtaining NOC for FRA 2006 including conducting Gram Sabha is in the scope of Service provider.

Sl. No.	Clause No.	Pre-Bid queries/ Clarification	Response / Addendum / Corrigendum if any
	Work		However logistic cost and refreshment cost for bringing relevant stakeholders to Gram Sabha shall be borne by GMDC.
10	Section II Scope of Work	Scope of Preparation of Site Specific Wildlife Conservation Plan / Comprehensive Regional Wildlife Management Plan. Kindly provide.	It is in the Scope of Service Provider.
11	Section II Scope of Work	Scope of Preparation of Catchment Area Treatment Plan. Kindly provide	It is in the Scope of Service Provider.
12	Section I Background	Tentative Land Schedule of Burapahar is not provided in the RFP, which shall have impact on the Technical and Financial Bids respectively.	Please refer to Answer to Pre-Bid query no 5.
13		The CA Land Identification, Delineation, suitability for CA Land certificate, acquisition, any R&R Issues thereby, DGPS Survey and Transfer of land to Forest Department will be in whose responsibility, as this will have an impact on both the technical and financial bidding.	With regards to query, followings items are in the Scope of Service provider. <ul style="list-style-type: none"> • DGPS Survey for forest land • CA Land Identification and transfer of CA land to Forest department. • Delineation, suitability for CA Land. • NOC for FRA 2006 Whereas R&R is in the Scope of GMDC.
14	Clause 2.5	Will the MSME certificate make any difference in the EMD amount submission as per Government Standards?	Yes. The Exemption for submission of EMD for MSME registered Bidder is granted. Please refer answer to Pre-Bid query No 1.
15	Clause 5.1 and 5.2 - PQ and Technical Score criteria	In the case of JVC, what would be the guidelines of eligibility?	In case of Consortium Bidder, both Consortium Members together meet Pre-Qualification and Technical Score Criteria specified in clause 5.1 and 5.2 respectively and individually meet criteria specified in clauses 5.1 f). Lead Member of the Consortium should have NABET accreditation in Category A for mining and coal washery sector. The clause 5.1 g) stands amended as below. “With regards to Environment Clearance the Single Bidder or Lead member of the Consortium (in case Bidder is a

Sl. No.	Clause No.	Pre-Bid queries/ Clarification	Response / Addendum / Corrigendum if any
			Consortium) should have NABET accreditation in Category A for mining and coal washery sector “.
16	Section IV Payment Terms	As per Payment schedule, the Milestone based payments are understood, but how the monthly payments will be justified, when there are dependencies on prior Milestone schedules and any delay due to undue reasons beyond anybody's control.	Provisions exist in the RFP for time extension of the Contract due to Force Majeure, or reasons not attributable to the Service Provider or due to other reasons. However, payment in excess of Contract Price discovered and fixed through bidding process may not be possible for the same scope. Service Provider will need to bid considering contingencies on account of risks of any delays based on their experience.
17	5.1 -b) & f) of RFP Pg. 23	<p>b) We suggest that this clause should be modified as INR 2 Crore is quite high value and should be reduced to Rs 50 Lakhs so that upcoming service providers are encouraged and they can participate and offer competitive prices.</p> <p>f) Please clarify if consortium member can seek financial support from its holding / parent company for fulfilling the given qualification criteria.</p>	<p>b) RFP condition remains unchanged.</p> <p>f) As per the RFP clause 5.2, the Experience of parent/ holding company and its subsidiaries or subsidiary company shall be acceptable</p> <p>Following para stand inserted in clause 5.2 f)</p> <p>“Credential of Parent/ subsidiary/ Sister concerns are allowed to meet qualification criteria specified in clauses 5.1 and 5.2 provided they meet following conditions.</p> <p>(i) The bidder, if a subsidiary of another company, may claim such qualification only if the parent company has a more than 50% shareholding in it.</p> <p>(ii) Similarly, a bidder may claim such qualification from its subsidiary only if it has a more than 50% shareholding in the subsidiary.</p> <p>(iii) A bidder may claim credit from a sister concern only if the parent company holds a more than 50% shareholding in both the bidding company and sister concern.</p> <p>If the firms are not in the nature of companies, then the determination of the relationship would be based on possessing a controlling stake. If bidding firm is a partnership firm, then determination of relationship is</p>

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			<p>based percentage of profit sharing. In such case more than 50% of profit-sharing shall be considered eligible for claiming credit from Parent (Parent firm or common partners holds more than 50% profit sharing in bidding firm) / Subsidiary (Bidding firm or common partners holds more than 50% profit sharing in subsidiary firm) / Sister Concern (Parent firm holds more than 50% profit sharing in both bidding firm and sister concern firm).</p> <p>Any claims of credit from Parent / Subsidiary /Sister Concern firm must be accompanied by a certificate by a registered chartered accountant clearly explaining how the Parent / Subsidiary /Sister Concern firm meets the above definition of the Parent/Subsidiary/ Sister Concern firm. “</p>
18	II - Terms of Reference / Scope of Work 2. Deliverables Part -1, Pg. 10	<p>Milestone 3: E-Filing of Forest Diversion Proposal and Processing at DFO level</p> <p>We suggest that Pillaring cost should be added to the scope of Authority.</p> <p>Further activities like CA land identification, Suitability certificate, CA scheme preparation, FRA NoC & pillaring should come under the scope from Authority as it may cause huge cost implication to the service provider.</p>	<p>Please note that all statutory payments for obtaining EC and FC approvals including costs pertaining to CA land transfer and mutation in favour of State Forest department, NPV payment and cost pertaining to placing pillars shall be borne by GMDC.</p> <p>However, identification of CA land, suitability certificate, FRA NOC and coordination with Forest department for the Pillar Posting work shall be under the scope of the Service Provider.</p>
19	II - Terms of Reference / Scope of Work 2. Deliverables Part -1, Pg. 11	<p>Milestone 5: Wildlife management Plan and if required then prepare and obtain approvals of catchment area treatment plan, Stream of river protection plan etc.</p> <p>Please clarify the cost of others studies.</p> <p>Others studies like Avi- Fauna conservation Plan, Gap plantation Plan and Reclamation Plan needs to be submitted for FC Stage II clearance.</p> <p>Additional Cost implication.</p>	<p>Other studies such as Avi- Fauna conservation Plan, Gap plantation Plan and Reclamation Plan required for FC clearance are in the Scope of Service provider.</p> <p>The Service Provider shall include cost of such studies in its Price Bid.</p>

Sl. No.	Clause No.	Pre-Bid queries/ Clarification	Response / Addendum / Corrigendum if any
20	II - Terms of Reference / Scope of Work 2. Deliverables Part -1, Pg. 11	<p>Milestone 6: CA land mutation in favor of Forest and obtaining FRA certificate.</p> <p>It is requested to provide additional 3 months timeline for notification. Additional timeline is required of 3 months.</p> <p>After Mutation, Notification of RF is required before FC Stage II Clearance.</p>	In case of delay for issuance of notification for CA land mutation and FRA certificate and such delay is not attributable for the Service provider then revised higher timeline will also be discussed with Service Provider and fixed based on guidance / provisions under the Act, and MoC specifications and directions.
21	II - Terms of Reference / Scope of Work 2. Deliverables Part -2, Pg. 11	<p>Part 2: Preparation of EIA and Assistance in obtaining EC</p> <p>Please clarify the cost of others studies.</p> <p>EAC may be granted to specific ToR conditions e.g. Ecosystem Services, Carrying Capacity, Cumulative impact assessment, subsidence studies etc.</p>	Please refer to answer to pre bid query no 3
22	Section II	<p>In Baitarni West Kumbhira nala, flow through the middle of the block.</p> <p>Please add additional scope like WLMP & CGWA in the given clause. Hydrology study and WRD NoC required for Environment Clearance.</p>	Please refer to answer to pre bid query no 3
23	Section II	<p>Liasion for Public Hearing</p> <p>1. Please clarify, who is responsible for liasioning for public hearing and other activities.</p> <p>2. If required any other studies who will bear the cost. Kindly clarify.</p>	Providing technical assistance and support for Conducting Public consultations including Public Hearing is in the scope of Service provider. However logistic and refreshment cost shall be borne by GMDC.
24	Section II	<p>Land Schedule and ORSAC approved DGPS report</p> <p>Please provide Land Schedule and ORSAC approved DGPS report. Also kindly clarify who will provide the approved DGPS survey report for preparation of FDP. Authority shall provide the same.</p>	Please refer to answer to pre bid query no 4
25	Clause 2.5	We would like to draw your attention on section III : Para 2.5 (f) which indicates no relaxation of any kind on bid security shall be given to any bidder. We are MEME certified enterprise and we request you kindly confirm whether EMD exemption is also applicable against RFP GMDC/PPD/004/2023-24.	Yes. The Exemption for submission of EMD for MSME registered Bidder is granted. Please refer answer to Pre-Bid query No 1.
26	Clause 2	Definition of Bidder	The definition of Bidder stands amended as below.

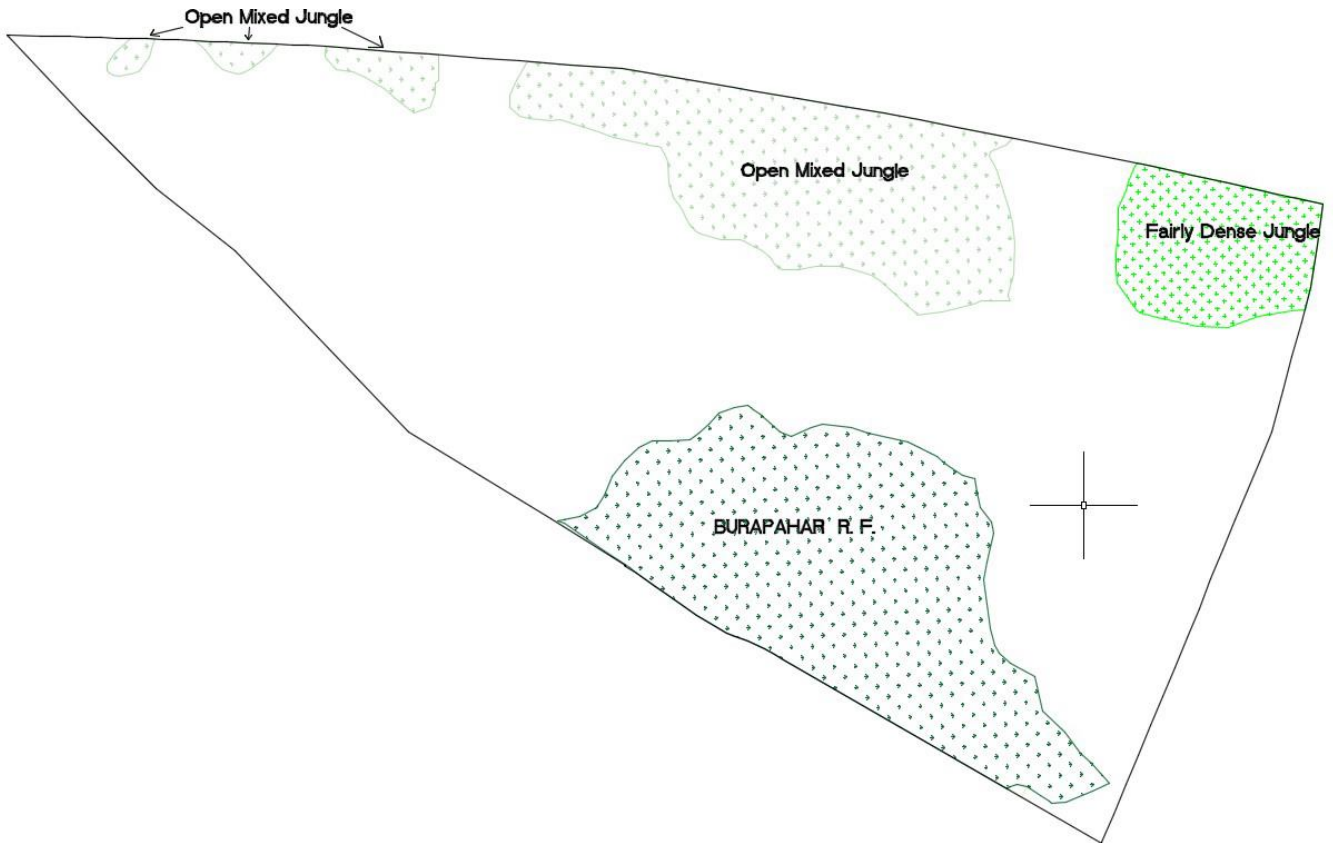
Sl. No.	Clause No.	Pre-Bid queries/ Clarification	Response / Addendum / Corrigendum if any
	Definition		<p>“Bidder” shall mean any registered firm or body corporate which is a Limited Liability Partnership registered under LLP act or a company under the Indian Companies Act 1956/2013 or registered under Society’s Registration Act XXI, 1860 or Proprietorship Firm which submits a Bid to provide Services to GMDC along with Bid Security and RFP Fees as per the terms of this RFP within the stipulated time for submission of Bids. Consortiums are not permitted.”</p>
27	Clause 1.6 Schedule of Bidding		<p>Clause 1.6 of Schedule of Bidding stands amended and placed in Appendix 3 of this RFP</p>

Annexure-1 : Brief Information - Burapahar Coal block

Burapahar Coal Block

Name of Mineral Block	Burapahar Coal Block	
Latitude & Longitude of any boundary point	Lat -22° 3' 40" N-22° 5' 9" N (Provisional) Long -22° 3' 40" N-22° 5' 9" N (Provisional)	
Topo sheet No.	F44L12 (73G/5)	
Village	Jharpalam, part of Bhograkachhar and Rengalpani	
Tahasil/Taluka	Hemgiri	
District & State	Sundargarh, Odisha	
Total Lease Area	606 Ha. (Forest 221 Ha +Non Forest Land 385 Ha)	
	Forest Cover type	Forest cover (sq. km) As per Toposheet No.F45M16
	Fairly dense jungle	0.001565
	BURHAPAHARH RF	1.098933
	Open mixed jungle	0.295516
	Open mixed jungle	0.817787

Forest Position Plan



Annexure-2: Detailed Terms of Reference/ Scope

Following Scope details stands inserted in clause 1 of Section II : Terms of Reference/ Scope of Work

With reference to the **TERMS OF REFERENCE**, the detailed activities to be undertaken by Service provider are as follows:

1.1. Part A: Forest Clearance

Service Provider shall carryout all activities and tasks including coordination and follow-ups with concerned Govt departments for the preparation of FDP, its processing and assisting in obtaining Stage I and Stage II clearances.

Key scope of work for Forest clearance is summarized below. Subsequently, detailed scope of work is described.

Stage-I Forest Clearance (In principle approval):

- 1) Preparation of Forest Diversion Proposal (FDP) and necessary details for online Submission of FDP
 - a. Preparation of Land Schedule for forest land and Forest Land Authentication in Project area
 - b. DGPS Survey of Forest Land and authentication by Odisha Space Applications Centre (ORSAC)
 - c. Map preparation (This includes preparation of Geo-referenced map of the forest land proposed to be diverted and also Survey of India Toposheet indicating boundary of forest land proposed to be diverted)
 - d. Tree enumeration & its Certificate
 - e. Cost benefit analysis
- 2) Compensatory Afforestation Land (CA Land): identification, allotment & preparation of Maps for CA land (details of CA land such as ownership proof, MoU/agreement executed between the present owner and the user agency, non-encumbrances certificate for the forest land)
- 3) E-Filing of Forest Diversion Proposal
- 4) Coordination for processing of FDP at various stages and Recommendation as well as it shall provide support for Essential details sought (EDS) by MOEF&CC.
- 5) Stage-I Compliance & Grant of Stage-1 FC by MOEF&CC, New Delhi.

GMDC shall provide, Mining Plan approved by MoC , required for submission of FDP.

Stage-II Forest Clearance (Final approval):

- 1) Support in Compliance of conditions of Stage-I.
- 2) Support in CA land mutation in favor of Forest (i.e., Support in Transfer activities of CA land to forest dept.), obtaining FRA certificate and approval of Wildlife Management Plan.
- 3) Coordination and follow-up support for sanction and payment of premium amount for CA land and NPV.
- 4) Support in Processing & Approval of Stage II clearance.

Detailed activities to be carried out by the Service Provider are specified hereunder.

1.1.1. Preparation of Forest Diversion Proposal (FDP) and necessary details for online Submission of FDP

A. Preparation of Land Schedule for forest land and Forest Land Authentication

- Identify forest land and Compensatory Afforestation land
- Preparing Land Schedule & layout Map of the Project area.
- Verification of Hal/Sabik records of Forest & Non-Forest land and authentication by concerned Tehsildar(s)/ authorities over Project area.

- Verification of DLC¹ status of forest land and authentication by competent authority.
- Collection of Cadastral Maps, Topo Sheets and Preparation of Project layout superimposed on concerned Geo- referenced village sheets, Forest land marked in distinct color.

B. DGPS Survey of Forest Land and authentication by Odisha Space Applications Centre (ORSAC)

- Coordinate with ORSAC (i) to obtain ORSAC known coordinates for establishing base point for undertaking DGPS survey and (ii) to get prepared DGPS Index map with land use with ORSAC empaneled vendor.
- Coordinate with forest department/ competent authority and ORSAC for verification of survey map with pillar posting.
- Upon verification, coordinate with forest department as well assist GMDC for carry out fixing of RCC pillar as per legal requirements. The cost of procuring and placing RCC Pillars at designated place shall be borne by GMDC.

C. Map preparation

- Coordinate and follow up with concerned Forest and Revenue Authorities for Authentication of the Forest Maps and Land schedule after Joint Site visit & acceptance of the same by competent authority of forest department.
- Preparation of Digitized location Map (on Topo Sheet)/ Revenue Map/Cadastral Sheets /Forest Demarcation Map/Compensatory Land Map. Geo Referencing and Digitization of different Maps as per the land Schedule & layout Map to be prepared.
- Prepare Map Showing detail land use of Forest Land and Statement showing the details of forest area involved, duly signed by competent authority of forest department to be prepared.
- Prepare Map showing detailed use of non-Forest land and Statement showing the details of non-forest area involved in the proposal and land schedule duly signed by Tahsildar.
- Prepare map showing details of Safety zone if so required.
- **Overall, under this task, the Service provider shall be required to prepare Geo-referenced map of the forest land proposed to be diverted and also Survey of India Toposheet indicating boundary of forest land proposed to be diverted.**

D. Obtaining required recommendations/ certificates

- Coordinate and follow up with District Mining officer and District collector for obtaining No Objection Certificate for FRA if or as may be required for the Stage I approval.
- Obtain coal reserves certificate in Forest and Non-Forest area if or as may be required for the Stage I approval.
- Project report preparation based on mining plan/details provided by GMDC including project cost, employment, project benefits as may be required for the Stage I approval.

E. Tree enumeration & its Certificate

- Coordinate with competent authority of Forest department for sending required letter to Tehsildar, Revenue Officer and forester to carry out Tree enumeration Survey.
- Undertake Plot/Patch wise Tree Enumeration as per guideline on Forest Land and CA land.
- Preparation of Tree enumeration, list species wise & girth class wise and abstract of the trees plot/patch wise & authenticated by Forester and Tehsildar or concerned authorities/officials.
- Authenticated documents to be forwarded to DFO.
- Carryout unit calculation of trees enumerated.

F. Cost benefit analysis

¹ District level Committee

- Prepare Cost-Benefit Analysis Report as per the guidelines issued under forest (Conservation) Act 1980 / Rules and subsequent amendments thereto in prescribed Format.
- Preparing following undertaking for GMDC and get it counter signed by competent authority of Forest department.
 - Undertaking by the GMDC to bear the cost of Compensatory Afforestation
 - Undertaking by the GMDC to pay Net Present Value (NPV) of the forest
 - Undertaking by the GMDC to pay the Additional Net Present Value (NPV), if any, of the forest land involved.
 - Undertaking to bear the cost of fencing safety zone and afforestation. Service provider shall assist in following up with Department of Mines, Government of Odisha for ascertaining details of safety zone.

1.1.2. Compensatory Afforestation Land (CA Land)

- Identify land for Compensatory Afforestation.
- Carryout DGPS Survey of CA land.
- Coordinate with forest department/ competent authority and ORSAC for verification of survey map with pillar posting.
- Upon verification, coordinate with forest department as well assist GMDC for carry out fixing of RCC pillar as per legal requirements. The cost of procuring and placing RCC Pillars at designated place shall be borne by GMDC.
- Coordinate with competent authority for making recommendations for CA land.
- Coordinate with district Collector for sanctioning CA land
- Prepare details of non-forest land area if it is identified for compensatory afforestation along with map in appropriate scale showing the boundaries of adjoining forest areas with their use in distinct colors in the prescribed format.
- Prepare details of CA land such as ownership proof, MoU/agreement executed between the Present owner and the User Agency, non-encumbrances certificate for the forest land etc as required.

1.1.3. E-Filing of Forest Diversion Proposal and Processing at competent authority of forest department

- Assist GMDC in preparing application with requisite details.
- Prepare Justification for use of Forest area for the Project to be submitted by GMDC and get it countersigned by competent authority of forest department if so required.
- Assist GMDC in preparing Certificate for minimum use of forest land giving details of area and trees involved in alternatives examined and reasons duly countersigned by competent authority of forest department in the prescribed Format.
- Finalization of all Project maps, documents, compliance to scrutiny & all statutory requirements in DFO Office.
- Follow up with the DFO/ competent authority of forest department/ concerned or higher-level officer for preparation of the Site inspection report of the Forest Land involved in the Project Proposal by the DFO in prescribed format for the submission along with FDP.

1.1.4. Coordination for Processing of FDP at various stages and Recommendation as well as provide support for Essential details sought (EDS)

- Undertake all activities pertaining to follow up and coordination with concerned authorities/ officials for early processing of FDP at various stages as follows.
 - Submit copies of FDPs, Project maps, documents to the district Collector, DFO, RCCF, nodal officers and other officials as may be required.
 - Coordinate for site Inspection by RCCF/ or concerned officials and get prepared site inspection report.
 - Furnishing all information including financial outlay in prescribed format & obtaining technical approval of Nodal Officer for forwarding the proposal to State Govt. F&E Dept.
 - Coordinate for the scrutiny of the proposal and forwarding the proposal to MoEF Regional office, Bhubaneswar
- Prepare report on Enumeration of standing trees in forest & CA land (species & diameter class wise)

- Preparation of abstract of enumerated trees as per the prescribed format for unit computation duly authenticated by the Revenue & Forest Dept. Govt. of Odisha.
- Prepare detailed Scheme for Compensatory afforestation on identified non-forest area as the case may be duly signed by competent authority of Forest department for obtaining the approval of the CA scheme from the PCCF (Nodal).
- Prepare status of clearance under Environment (Protection) Act, 1986 and amendments thereof wherever required.
- **Prepare detailed reclamation Plan, wherever required. It should be realistic exhaustive and complete in all respects along with relevant maps in distinct colours. It should also include the details of back filling, afforestation and execution of such works, wherever required.**

1.1.5. Support in obtaining Stage-I Compliance & Approval

- Obtaining recommendation from the Integrated Regional Office (IRO), MoEF&CC, Bhubaneswar including field visit, if any.
- Preparation and submission of the PowerPoint Presentation for Forest Advisory Committee (FAC), MoEF&CC. Supporting GMDC in making presentation to MoEF&CC.
- Assist GMDC in submission of compliance of conditions imposed by State Govt. & Central Govt. Prepare different schemes as per conditions of the Stage-I clearance. These schemes should be approved by the DFO & RCCF.
- Follow up to obtain recommendation of Forest Advisory Committee (FAC)

1.1.6. CA land mutation in favor of Forest, FRA certificate and Wildlife Management Plan

- Assist GMDC in payment of NPV Payment & CA land compensation payment. **All statutory payments such as NPV payment, the payments for CA land compensation etc. shall be made by GMDC.**
- Coordinate and follow up to obtain FRA Certificate under Forest Right Act (2006).
 - Assist GMDC in preparing application to Collector for approval of FRA.
 - Coordinate for conducting Gram Sabha and public hearing in different revenue villages for obtaining FRA certificate under Forest Right Act (2006). Coordinate for obtaining consent Resolution of Gram Sabha. **However logistic cost and refreshment cost for bringing relevant stakeholders to Gram Sabha shall be borne by GMDC.**
 - Coordinate and follow up for obtaining recommendation by District Revenue Officer, based on the report of Grama Sabha.
 - Coordinate and follow up with competent authority of forest department for issuance of NOC for FRA certificate
 - Coordinate and follow up with District collector for issuance of FRA certificate
- Prepare Wildlife Management Plan and scheme and submit it to competent authority for its approval. Further, follow up with concerned officials for obtaining its approval.
- **If required then prepare catchment area treatment plan, Stream of river protection plan, Avi-Fauna conservation Plan, Gap plantation Plan and Reclamation Plan etc and coordinate with government agencies for its approvals required for FC clearance.**

1.1.7. Stage-II Forest Clearance

- Compliance of Stage-I stipulations including compliance of any incidental queries raked up at different level of the State Forest Dept./ MoEF&CC, New Delhi for obtaining Stage-II clearance.
 - Follow up for clearance Processing at various levels in state and central government.
- Follow up for issuance of Notification of the CA land mutated in favour of the state forest department as under Indian Forest Act, 1927 and Transfer of CA land in favour of Odisha Forest Dept.
- Coordination for processing of Stage-II FC proposal at different level of State Forest Dept. and MoEF&CC and Issuance of Stage-II Forest Clearance by MoEF&CC.

1.2. Part B: Environment Clearance

1.2.1. Project Report Preparation & Site Visit

- Analysis of projects and planning for baseline studies and conducting of all studies and getting NOC for obtaining final EC approval.
- Visit to GMDC Corporate Office and project sites before the initiation of work and collection of all necessary information / data etc. It will be the responsibility of Successful Bidder to collect all the information during this visit.

1.2.2. Obtaining Environment Clearance

- Preparation of Form-1 and Pre-feasibility Report (PFR) for grant of ToR. Successful Bidder will fill all forms, applications, questionnaire and others since the application for Terms of Reference till the achievement of EC. Further, bidder will be responsible to compile all the issues pertaining to environmental/pollution aspects as & when required by statutory agencies.
- Grant of Terms of Reference (ToR) from MoEF&CC. All Necessary action as well as follow up with MOEFCC, if any amendment or modification, require in ToR granted.
- 3 months (one season) Environment Baseline study as per deliberables.
- Meteorology data collection for 90 days, Ambient Air Quality-10 location, Soil Sampling-8 location, Water Sampling: 8-10 location, Noise Monitoring-10 location, Ecological & Socio-economic survey.
- Assessment of **Environmental & Social impacts** on various parameters and preparation of appropriate Environment management plan.
- Preparation of draft EIA/EMP report for public consultation.
- Providing technical assistance and support for Conducting Public consultations including Public Hearing.
- Preparation of Final EIA/EMP report incorporating public consultation proceedings.
- Submission of Draft EIA-EMP Report (Maximum 20 Copies in hard and soft in word as well as pdf format) (as per TOR, latest EIA Notification and further amendments) along with all necessary documents to Pollution Control Board as well as to other statutory agencies including the Members of MOEFCC EAC Committee – Coal, New Delhi as per guidelines/ requirements. Preparation, Printing, Binding and submission of Summary (20 Copies in hard and soft in word as well as pdf format) of EIA-EMP Report in English as well as local Language as required. Translation in local language shall be the responsibility of bidder only. Further, Successful Bidder has to be responsible to coordinate with state Pollution Control Board and other statutory and Government bodies for all the necessary actions / arrangements at the venue of public hearing for the successful conduction and completion of public hearing.
- Submission of Application of ToR on Online Parivesh Portal of MOEFCC and in hard copies in Ministry of Environment, Forests & Climate Change (MOEFCC), GoI – New Delhi.
- Reply to the queries raised by EAC/MoEF&CC time to time till grant of Environmental Clearance for the Project.
- Successful Bidder has to bear all the expenses of his representative(s) towards visit to MOEFCC, GMDC Corporate Office and Project or other areas from where he has to collect data/information etc.
- All incidental expenses for obtaining the environmental clearances (except public hearing) shall be borne by the consultant.

1.2.3 Additional Studies for obtaining EC

- i. Conducting Hydrogeological survey as per 14 February 2022 SOP of CGWA including modelling and obtaining NOC from CGWA.
- ii. Preparation and submission of wildlife conservation plan and obtaining its approval from PCCF Wildlife.
- iii. The Service Provider shall be required to carry out following studies for obtaining EC except Slope stability Report as may be required as per the TOR prescribed by MOEFCC.

- 1 Site Specific Wild Life Conservation Plan/ Regional Wild Life Management Plan by a reputed institute along with Authentication of Flora & Fauna.
 - 2 Hydro-Geological Study Report
 - 3 Water Management Plan in case of Surface water sourcing
 - 4 Traffic Study Report to be prepared / vetted by reputed Institute
 - 5 Surface water/ Drainage Conservation Plan
 - 6 River Protection Plan if required
 - 7 Nalla /river / Canal/ Waterbody) Diversion Plan, impact study & its approval if applicable.
 - 8 Riverine/ riparian eco-system conservation & management Plan.
 - 9 Baseline data on the health of population in the impact zone & Mitigation.
 - 10 Blast Vibration Study to be prepared / vetted by reputed Institute
 - 11 Management Plan for CPA/ SPA/ OPA; if applicable
 - 12 Preparation of Catchment Area Treatment Plan
 - 13 Ecosystem Services, Carrying Capacity, Cumulative impact assessment, subsidence studies etc.
- i. Any other study recommended by EAC
- iv. Preparation of any other applicable reports and studies required for compliance of TOR
 - v. Any incidental expenses for obtaining above approvals shall be borne by the consultant.

Preparing R&R scheme is in the scope of GMDC.

Annexure-3: Schedule of Bidding

The Schedule of Bidding point no 4,5 and 5 of clause 1.6 stands amended as below.

Sr. No.	Event Description	RFP Clause	Ammended Clause
4	Online Submission of Price Bid	<p>The Price Bid is to be submitted online only at designated place on https://gmdc.nprocure.com 04/07/2023 up-to 17:00 hrs and (i) any submission of offline price bid (i.e., physical submission) or (ii) submission of price bid along with technical bid will lead to disqualification.</p> <p>A copy of instruments or information pertaining to RFP Fees and EMD paid may be required to be submitted online at the time of submission of Price bid.</p> <p>Technical Bid is not to be submitted online but should be submitted in physical offline mode after the submission of the Price Bid at the designated address by the deadline mentioned.</p>	<p>The Price Bid is to be submitted online only at designated place on https://gmdc.nprocure.com 18/07/2023 up-to 17:00 hrs and (i) any submission of offline price bid (i.e., physical submission) or (ii) submission of price bid along with technical bid will lead to disqualification.</p> <p>A copy of instruments or information pertaining to RFP Fees and EMD paid may be required to be submitted online at the time of submission of Price bid.</p> <p>Technical Bid is not to be submitted online but should be submitted in physical offline mode after the submission of the Price Bid at the designated address by the deadline mentioned.</p>
5	Last Date and Time of Submission of Technical Bid, RFP Fees & EMD in Hard Copy	<p>The Technical Bid is to be submitted off line, preferably after –the due date for online submission of price bid but on or before 06/07/2023 up to 16:00 Hrs. at GMDC office situated at Khanij Bhavan, 132-ft. Ring Road, Gujarat University Ground, Vastrapur, Ahmedabad- 380052, by Speed Post/RPAD/Hand delivery/Courier in sealed cover duly super scribed as mentioned in the RFP.</p>	<p>The Technical Bid is to be submitted off line, preferably after –the due date for online submission of price bid but on or before 20/07/2023 up to 16:00 Hrs. at GMDC office situated at Khanij Bhavan, 132-ft. Ring Road, Gujarat University Ground, Vastrapur, Ahmedabad- 380052, by Speed Post/RPAD/Hand delivery/Courier in sealed cover duly super scribed as mentioned in the RFP.</p>
6	Opening of Technical Bid	On 06/07/2023 at 17:00 hrs. at GMDC office	On 20/07/2023 at 17:00 hrs. at GMDC office