



GUJARAT MINERAL DEVELOPMENT CORPORATION (GMDC)

Request for Proposal (RFP) for Selection of Service Provider for Design and Construction of Retaining Wall with reinforced soil system with geogrid reinforcement and gabion stone facia along the mine dump of Surkha (North) Lignite Mine, Bhavnagar, Gujarat, India

(Second Attempt)

GMDC/ENV/01(2)/2024-25

Response to Pre-bid Queries

Date: __/12/2024

Issuing Authority: Gujarat Mineral Development Corporation (GMDC)

This document is the response to queries received for the captioned RFP which was issued by Gujarat Mineral Development Corporation (GMDC) in November 2024. This response to pre-bid queries shall constitute an integral part of the above RFP document. GMDC has endeavoured to respond to all queries it had received during pre-bid. For any unanswered queries, the provisions of the RFP remain unchanged.

| Sr. No | Clause | Provision in the RFP | Queries/Clarification/suggestions submitted by the prospective bidder | Response |
|--------|---|--|--|---|
| 1. | Clause 1 - Point (i) - Part A of Section II | Conduct a detailed site investigation to assess soil conditions, mineral type and nature, dimension and volume of the overburden dumps, overburden dump(s) stability, ground water levels, seismic condition and record, flooding and any other potential hazards. | Kindly confirm if GMDC has conducted prior geotechnical investigations at the site, and if so, whether the data can be accessed to aid in precise assessments. | The information available with GMDC is already attached as attachments to the RFP. All other necessary data vital for the design and construction of the retaining wall will have to be carried out by the bidder. |
| 2. | Clause 1 of Section II | The objective of the retaining wall is to prevent and <u>arrest any erosion from the OBD</u> to ensure the environmental sustainability of the land surrounding the mining area. | Does it mean arresting the erosion including surficial erosion of entire (existing + proposed increase) height of OB dump? Retaining wall can only resist the loads, but would need additional surficial erosion control measures along the entire Over burden slope? Kindly clarify and amend the clause accordingly. | No. The retaining wall is not expected to arrest any surficial erosion of the OB Dump. The Retaining wall shall be designed to resist the load. The wall by itself shall serve as a barrier between the OB Dump and the surroundings. |
| 3. | Clause 1 of Section II | GMDC shall, at its own discretion, issue a request order/ instruct the Service Provider to execute Construction works for the Second/ remaining 1 km prior to the completion of First 1 km length or after completion of the First 1 km length based on the satisfactory performance of the Service Provider at the same cost. | Request that confirmation of the 2nd Km is given preferably before completion or immediately after completion of first 1 Km to avoid any idling or unnecessary remobilization cost | The decision is in the sole discretion of GMDC. |
| 4. | Clause 1 of Section II | The Construction, at the discretion of GMDC may be carried out in two phases comprising the length of 1 km in each Phase. GMDC shall, at its own discretion, issue a request order/ | Since there will be lot of machinery & manpower which will be deployed at this project by the bidder contractor who will be getting this tender. Hence, to avoid idling time - it is a request that decision of | The RFP provision remains unchanged. |

| Sr. No | Clause | Provision in the RFP | Queries/Clarification/suggestions submitted by the prospective bidder | Response |
|--------|---|--|---|--|
| | | instruct the Service Provider to execute Construction works for the Second/ remaining 1 km prior to the completion of First 1 km length or after completion of the First 1 km length based on the satisfactory performance of the Service Provider at the same cost. | construction for the second/remaining 1km shall be taken while 75% of the works have been completed for the 1st phase of 1Km. | |
| 5. | Clause 1 - Point (ii) - Part A of Section II | The Retaining Wall design shall be capable of bearing the existing load of the overburden dump and projected load with a maximum height of OB Dump with 55 mtr. | What will be the slope angle of OBD? What shall be the distance between top edge of OBD to RE wall fascia? | Kindly refer to the RFP attachments to find the existing and proposed section of the OB dump. The bidder may calculate the slope angle of OB dump from the information available. The distance between the top edge of the OBD to RE wall fascia should be suggested by the bidder according to the proposed suitable design. |
| 6. | Clause 1 - Point (ii) - Part A of Section II | Ground Improvement shall be carried out wherever necessary as per the site-specific conditions as suggested by the Service Provider. The Service Provider shall submit the Ground Improvement Work Plan along with the design of the Retaining Wall and shall carry out execution of the same, if approved by GMDC." - | Any road and associated vehicle load will comes on top of the RS wall for dumping? | The weight of the dump trucks carrying the dumping material will act as a load on the OB dump. |
| 7. | Clause 1 - Point (iii) - Part A of Section II | Estimated Project Cost including rate analysis for the entire project using applicable schedule of rates | Kindly clarify what will govern the final contract price – Quoted Lump sum price or Estimated Project cost including rate analysis for the entire project using applicable Schedule of Rates? Then all bidders would end up with the same rates. Please clarify the modality. | The Aggregated Contract Price as per Sr. No. 5 of the table mentioned in Annexure 12: Price bid Format is considered for price bid evaluation, financial scoring and award of the contract. |

| Sr. No | Clause | Provision in the RFP | Queries/Clarification/suggestions submitted by the prospective bidder | Response |
|--------|---|---|---|--|
| 8. | Clause 1 - Point (v) - Part A of Section II | Assist GMDC in identification and assistance for obtaining statutory compliances for planning and execution of the work, if any | Request GMDC to clarify on nature & kind of statutory clearances and processes involved. | The requirement of any statutory compliances is not envisaged at this stage. However, if any such requirement arises any time during the contract period pertaining to the scope of work, the Service Provider shall assist GMDC. |
| 9. | Clause 1 - Point (i) - Part B of Section II | Identify and procure the necessary materials including but not limited to soil, aggregates, geosynthetics, and drainage components as per the approved Design. | Please clarify whether procurement of backfill material and boulder for filling stone facia is in scope of GMDC or the contractor, as only placing has been mentioned in the scope. | Procurement is in the scope of the bidder. All necessary materials for construction should be procured and placed by the bidder. However, the bidder may use the soil and boulders suitable available anywhere within the mine boundary, if it passes the necessary technical requirements and strength criteria as per proposed design of the bidder. Under no circumstances, GMDC shall be liable, if the structure fails or any occurrence of such matter. |
| 10. | Clause 1 - Point (iii) - Part B of Section II | Ensure proper placing of reinforcement material and ensure proper filling of stone facia units to maintain aesthetics. | Please clarify whether procurement of backfill material and boulder for filling stone facia is in scope of GMDC or the contractor, as only placing has been mentioned in the scope. | Kindly refer response no. 9 above. |
| 11. | Clause 1 - Point (i) - Part B of Section II | The bidder may use the sub soil available on the site as fillmaterial for construction, if found suitable to the Service Provider for construction of the Retaining Wall. | If the on-site sub soil is found unsuitable for use as fill material, then please clarify; · Availability of sufficient quantity required for backfilling (soil) within the radius of 2 KM · Any approved source of backfill soil procurement · Distance of the source from site | If the subsoil on-site is found unsuitable, the bidder on its own should procure the subsoil necessary for the construction. |
| 12. | Clause 1 - Point (iii) - Part B of | Ensure proper placing of reinforcement material and ensure proper filling of stone | Since GMDC Surkha Mines have lot of boulders as part of Overburden waste, so the successful Bidder shall be allowed to use those boulders in the Gabion wall | Kindly refer response no. 9 above. |

| Sr. No | Clause | Provision in the RFP | Queries/Clarification/suggestions submitted by the prospective bidder | Response |
|--------|---|--|--|--|
| | Section II | facia units to maintain aesthetics. | facia which are passing the Technical test criteria. | |
| 13. | Clause 1 - Point (iii) - Part B of Section II | The bidder may use the sub soil available on the site as fill material for construction, if found suitable to the Service Provider for construction of the Retaining Wall. | Since GMDC Surkha Mines have lot of overburden soil, it is requested to give clarity on the specific locations from where successful bidder can take the soil for construction, as it will help in calculating costing as per the approximate lead (distance). | Kindly refer response no. 9 above. |
| 14. | Clause 1.6 of Section IV | - | We request that you please extend the time limit for bid submission. | Kindly refer to point no. 2 of Corrigendum 3 to the RFP. |
| 15. | Clause 1.6 of Section IV | Schedule of bidding | Requesting for extension of submission timeline by 2 weeks. | Kindly refer response no. 14 above. |
| 16. | Clause 5.1 (b) of Section IV | A consortium of maximum two (2) members comprising 1) a Designing firm and 2) Construction firm shall be permitted | "Procurement Summary states Consortium/Joint Venture: N/A." It needs to be amended as per RFP. | RFP allows the consortium of 2 members. Kindly refer to point no. 1 of Corrigendum 3 to the RFP. |
| 17. | Clause 5.2 (e) of Section IV | The bidder should have the following minimum experience in India in the last 5 years preceding the Bid due date | It's requested that "5 years" is replaced with "7 years." | Kindly refer to point no. 3 of Corrigendum 3 to the RFP. |
| 18. | Clause 5.2 (e) of Section IV | Both the Consortium members shall meet the following eligibility requirements separately. (a) For a Designing Firm: Satisfactorily completed at least One (1) no. of Designing of the similar nature of work (b) For a Construction Firm: Satisfactorily completed at least One (1) no. of Construction of the similar nature of work- | In the case of Consortium (JV) Will you consider a Consortium (JV) for qualification if One JV partner meets all Design and Similar Work experience criteria and the Second partner meets all Financial criteria? | The RFP provision remains unchanged. |
| 19. | Clause 5.3 (iii) of Section IV | (iii) Similar Nature of Work: The Similar Nature of Work shall mean "A completed work of Design and Construction of retaining wall for | In the tender document condition is given as follows Similar Nature of Work:The Similar Nature of Work shall mean "A completed work of Design and | Kindly refer to point no. 6 of Corrigendum 3 to the RFP. |

| Sr. No | Clause | Provision in the RFP | Queries/Clarification/suggestions submitted by the prospective bidder | Response |
|--------|--------------------------------|---|---|-------------------------------------|
| | | <p>minimum cumulative length of 1 km, achieving minimum height of 10 meter <u>at any point</u>, using Mechanically woven double twisted hexagonal Gabion Facia with integrated tail along with high strength geogrids as reinforcement, in last 10 years preceding the bid due date in the categories mentioned below.</p> <p>a. Category 1: Mines/ River Training/ River Front Development</p> <p>b. Category 2: Tunnels, Hill/ Mountain sides</p> <p>c. Category 3: Roads, Bridges, underpasses/Under bridges</p> | <p>Construction of retaining wall for minimum cumulative length of 1 km, achieving minimum height of 10 meter at any point, using Mechanically woven double twisted hexagonal Gabion Facia with integrated tail along with high strength geogrids as reinforcement, in last 10 years preceding the bid due date in the category.</p> <p>Because of this condition, two or three contractors will qualify so now we request you that can you revise the conditions for similar work qualifications for healthy competition for benefit of the department as per follows:</p> <p>Similar Nature of Work:The Similar Nature of Work shall mean “A completed work of Design and Construction of retaining wall/RE wall/ for minimum cumulative length of 500Mtr, achieving minimum height of 5 meter at one point, using Mechanically woven double twisted hexagonal Gabion along with high strength geogrids as reinforcement Or Design & Construction of Tunnel, in last 10 years preceding the bid due date in the category.</p> | |
| 20. | Clause 5.3 (iii) of Section IV | The Similar Nature of Work shall mean “A completed work of Design and Construction of retaining wall for minimum cumulative length of 1 km, achieving minimum height of 10 meter at any point, | Kindly confirm does “minimum height of 10 meter” means at any 1 location in the complete cumulative length of 1 Km in that particular project ? | Kindly refer response no. 19 above. |
| 21. | Clause 5.3 (iii) of Section IV | (iii) Similar Nature of Work: The Similar Nature of Work shall mean “A completed work of | This “Similar Nature of Work ” definition will restrict lots of potential bidders to participate in tender and it | Kindly refer response no. 19 above. |

| Sr. No | Clause | Provision in the RFP | Queries/Clarification/suggestions submitted by the prospective bidder | Response |
|--------|--------------------------------|--|--|--------------------------------------|
| | | <p>Design and Construction of retaining wall for minimum cumulative length of 1 km, achieving minimum height of 10 meter at any point, using Mechanically woven double twisted hexagonal Gabion Facia with integrated tail along with high strength geogrids as reinforcement, in last 10 years preceding the bid due date in the categories mentioned below.</p> <p>a. Category 1: Mines/ River Training/ River Front Development</p> <p>b. Category 2: Tunnels, Hill/ Mountain sides</p> <p>c. Category 3: Roads, Bridges, underpasses/Under bridges</p> | <p>will make monopolistic bidding environment. We request to consider the similar nature of work: The Similar Nature of Work shall mean "A completed work of Design and Construction of retaining wall for minimum cumulative length of 1 km OR achieving minimum height of 10 meter at any point, using Mechanically woven double twisted hexagonal Gabion Facia with high strength geogrids as reinforcement, in last 5 years preceding the bid due date in the categories mentioned below.</p> <p>a. Category 1: Mines</p> <p>b. Category 2: Tunnels, Hill/ Mountain sides</p> <p>c. Category 3: Roads, Bridges, underpasses/ Under bridges/ River Training/ River Front Development.</p> | |
| 22. | Clause 5.3 (iii) of Section IV | Request for Proposal (RFP) for Selection of Service Provider for Design and Construction of Retaining Wall with reinforced soil system with geogrid reinforcement and gabion stone facia along the mine dump of Surkha (North) Lignite Mine, Bhavnagar, Gujarat, India (Second Attempt) | Being a specialized work inside mine area, bidders must have similar work experience in mine and separate marks shall be given for similar work experience in mine. If any potential bidders don't have work experience in mine, they can sign MOU with others having similar type of experience inside any mine. | The RFP provision remains unchanged. |
| 23. | Clause 5.3 (iii) of Section IV | <p>a. Category 1: Mines/ River Training/ River Front Development</p> <p>b. Category 2: Tunnels, Hill/ Mountain sides</p> <p>c. Category 3: Roads, Bridges, underpasses/Under bridges</p> | River Training/ River Front Development works is not similar "Category 1: Mine". Hence, these should be add on in Category 3: Roads, Bridges, underpasses/Under bridges/River Training/ River Front Development. | Kindly refer response no. 19 above. |
| 24. | Clause 5.3 (iii) of Section IV | //...Mechanically woven double twisted hexagonal Gabion Facia with integrated tail along with high strength geogrids as | This is a non-DSR item and also it will be favoring few bidders. Hence, requested to delete this word "Integrated Tail" for competitive bidding. | Kindly refer response no. 19 above. |

| Sr. No | Clause | Provision in the RFP | Queries/Clarification/suggestions submitted by the prospective bidder | Response |
|--------|----------------------------------|--|---|---|
| | | reinforcement...// | | |
| 25. | Clause 5.3 (iii) of Section IV | <p>(iii) Similar Nature of Work: The Similar Nature of Work shall mean “A completed work of Design and Construction of retaining wall for minimum cumulative length of 1 km, achieving minimum height of 10 meter at any point, using Mechanically woven double twisted hexagonal Gabion Facia with integrated tail along with high strength geogrids as reinforcement, in last 10 years preceding the bid due date in the categories mentioned below.</p> <p>Category 1: Mines/ River Training/ River Front Development</p> <p>Category 2: Tunnels, Hill/ Mountain sides</p> <p>Category 3: Roads, Bridges, underpasses/Under bridges</p> <p>The minimum cumulative length of 1 km of the retaining wall as defined in the paragraph above, must be designed and constructed at a single location or at multiple locations which are part of a single work order awarded to the Bidder for a specific project site.</p> | <p>Having qualification of Design & Construction of Retaining wall of minimum cumulative length of 1km with minimum height of 10m using gabion facia is very stringent as only selected or very limited contractor will qualify.</p> <p>Since the inception in the year 2012, We have been the prominent turnkey solution provider in the field of Geosynthetics so far and have executed many prestigious projects all across the country.</p> <p>We have successfully executed the design and construction of the Retaining wall with max. height of 9.5m, cumulative length of 1km in costal project (In much harsher conditions than the river training / river front development) using Gabion facia.</p> <p>Therefore, you are requested to consider the above mentioned qualifications for healthy and fair bidding process.</p> | Kindly refer response no. 19 above. |
| 26. | Clause 7.3 (i) (a) of Section IV | The Performance Security of amount equivalent to 10% of the Aggregated Contract Price valid till completion of the contract period. | Request for modification as most of the Government Organization ask for a Performance Security of 3%, which is released along with the final bill. It's requested that the relaxation is extended to MSMEs for the Performance Security as well. | Kindly refer to point no. 7 of Corrigendum 3 to the RFP. The RFP Provisions remains unchanged for the suggestion on relaxation on performance security to MSMEs. |
| 27. | Clause 7.3 (i) | ...fresh performance security of amount equivalent to 5% of the final completion cost | This is unusual. It's requested to remove this clause. | Kindly refer to response no. 26 above. |

| Sr. No | Clause | Provision in the RFP | Queries/Clarification/suggestions submitted by the prospective bidder | Response |
|--------|----------------------------------|---|--|--|
| | (b) of Section IV | of construction... valid till the end of the DLP of ten years | | |
| 28. | Clause 7.3 (i) (a) of Section IV | The Performance Security of amount equivalent to 10% of the accepted Aggregated Contract Price valid till completion of the Contract Period. | Given the nature of this EPC tender and Defect Liability period of 10 years, request if the Performance security is 3% of accepted Aggregated Contract price valid till completion of Contract period. This is in line with conditions of Performance security followed by Ministry of Road Transport & Highways in their EPC contracts. | Kindly refer to response no. 26 above. |
| 29. | Point B of Section V | Completion of XX% sq.m. fascia of wall (from foundation level) - further payment of the actual items used in construction from the submitted BOQ. Completion of 90% sq.m. fascia of wall (from foundation level) – further 50% payment from the quoted value of the actual items used in construction from the submitted BOQ. | Unclear about “further payment of the actual items used in construction from the submitted BOQ. “ It would be extremely helpful if the workings of stage payment is explained in detail. | Kindly refer to point no. 8 of Corrigendum 3 to the RFP. |
| 30. | Annexure 17: Site Information | Annexure 17: Site Information, Serial No. 7 & 8. | <p>1. Borelog location is not clearly marked in the Contour drawing.</p> <p>2. Properties of fill material, which is available at your mine are required.</p> <p>3. Borelog data provided is not sufficient for designing of RS wall. So, following properties are required to design the RS Wall:</p> <p>a. Unit weight of soil.</p> <p>b. Grain size analysis.</p> <p>c. Shear Strength of soil.</p> <p>d. Moisture content.</p> <p>e. SPT-N value, etc.</p> | The information available with GMDC is already attached as attachments to the RFP. All other necessary data vital for the design and construction of the retaining wall will have to be carried out by the bidder. |

| Sr. No | Clause | Provision in the RFP | Queries/Clarification/suggestions submitted by the prospective bidder | Response |
|--------|--------------------------|------------------------|---|--|
| 31. | General | Estimated project cost | What is the estimated project cost? | Project cost shall arise from the proposed design and construction cost quoted according to each bidder. |
| 32. | Clause 1.6 of Section IV | Schedule of bidding | <p>We are keen on participating in the tender. However, as you know we are approaching the end of the calendar year and there are hardly any working days left in this calendar year. Also as yet, queries raised during the pre-bid meeting are unanswered. So, we would like to request you to extend the tender submission timeline to January 15, 2025.</p> <p>Will greatly appreciate your support in this regard.</p> | Kindly refer response no. 14 above. |