



## Diamond Core Drilling work at Thakurani Iron ore prospect

### Pre bid Queries from THRIVANI EARTHMOVERS PRIVATE LIMITED

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SL. No. & Clause No & Page No	Description	Queries	Clarification
1 Clause No. 8.b of Tender document Page No-6	The agency shall commence drilling within two months of issue of the work order.	When the work order will be issued? After obtaining Forest Clearance or on completion of tender process? Kindly clarify.	The work done will be issued after obtaining Forest Clearance.
2 Clause No. 9.b of Tender document Page No-6	It shall be the bidders responsibility to set up the camp for providing necessary accommodation to its drilling site, management of the camp affairs, providing logistics support including supply of water to the drilling personnel at camp shall be the responsibility of the bidder.	Kindly clarify whether any specific area has been marked for the accommodation?	Bidder has to undertake due diligence. There is no specified area for accommodation.
3 Clause No. 9.c of Tender document Page No-6	Preparation of approach road for mobilization of men and machinery to the drilling site and other required materials shall be the responsibility of the bidder.	Is there any existing road available to reach prospecting block? If not without clearance how can it is possible to make a road for shifting drill rigs and movement of water tanker and manpower.	As per Tender Document. Work order will be issued after FC.
4 Clause No. 9.i of Tender document Page No-7	Necessary survey work required for locating the boreholes on the ground as per the supplied approved plan, measurement of the coordinates, RL of the completed bore holes and profiles of each drill section etc. shall be done by the agency as per the advice of the authorized officer of the Directorate of Geology, Odisha	Kindly clarify how many meters profile from centre of Borehole?	Profiles of each drill section as per the topography need to be done.
5 Clause No. 10.f of Tender document Page No-8	The bidder shall obtain necessary forest clearance for core drilling work on behalf of the Directorate of Geology, Odisha for an interrupted drilling operation.	Kindly clarify, who will give the statutory payments of forest & ORSAC and site expenses like pillar posting, DGPS survey, map authentication, etc.	As per Tender Document.





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6	<p>of Tender document No. 17 Tender document Page No- 10</p>	<p>It shall be the responsibility of the successful bidder to enter into written contract/agreement with the Director of Geology, Odisha on the above tendered work in non-judicial stamp paper of appropriate value within 15 days from the date of issue of work order, failing which appropriate action including termination of work order and forfeiture of EMD will be taken by Director of Geology, Odisha</p>	<p>When the work order will be issued, after clearing FC? Kindly clarify</p> <p>Work order will be assigned after FC.</p>
7	<p>Chapter-3, table column no 5 of Tender document Page No- 12</p>	<p>Number of Bore holes and quantum of drilling (m) (<math>\pm</math> 20%) -14/1400</p>	<p>Kindly confirm the hole to hole distance.</p> <p>Successful bidder will be provided with the BH plan.</p>
8	<p>Chapter-4, Clause: no 1. a of Tender document Page No- 12</p>	<p>Size of Borehole: 76 mm (minimum)</p>	<p>Kindly confirm whether it is outer diameter or core diameter?</p> <p>Outer Diameter</p>
9	<p>Chapter-4, Clause: no 1.c of Tender document Page No- 12</p>	<p>Number of rigs: The party should possess minimum four high capacity mechanical/ Hydrostatic rigs of reputed make capable of drilling boreholes up to 100 m (Av) depth in the iron ore formation of Sundargarh &amp; Keonjhar district of Odisha</p>	<p>Why four rigs will be required for only 1400 m within 12 months. There is a penalty clause for non-performing. There should not be any provision for deployment of minimum number of rigs.</p> <p>That is the Technical requirement for participating in the bid.</p>
10	<p>Chapter-4, Clause: no 1.d of Tender document Page No- 12</p>	<p>Formations to be drilled: Soil, Laterite, Shale, Soft Laminated Ore (SLO), Hard Laminated Ore (HLO), Hard Massive Ore (HMO), Blue dust, BHQ/BHJ etc.</p>	<p>How much meters is required to drill after the occurrence of BHJ/BHQ?</p> <p>As per advice of the Authorized officer.</p>






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11	Chapter-4, Clause. no 1.i of Tender document Page No- 13	Preservation of core/Sludge: Core/ sludge recovered as per run shall be preserved suitably in the G.I. core boxes with proper labelling of depth/length of core. The core boxes are to be supplied by the bidder. The core boxes should be of appropriate size with suitable partition/ cabinets to accommodate different size of core recovered in original shape without breaking/alteration.	Where to submit the core box and how far is the distance from the site?	The destination will be intimated to the successful bidder upon specific request.
12	Chapter-4, Clause. no 1.i of Tender document Page No- 13	Sampling:	Where to do the sampling and who will provide room and power for the same?	It is the bidders responsibility.
13	General	Location	Kindly provide the location of site (Coordinates of boundary pillars).so that we are able to visit the site.	Provided in the Tender Document.
14	General	Water source	Kindly provide the location from where the water can be drawn and used for drilling and other purposes.	Bidder has undertaken its own diligence.

Date-09<sup>th</sup> May 2022

  
 Director of Geology  
 Odisha, Bhubaneswar  
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**Series for Pre-bid Conference on Tender Document for Diamond Core Drilling in Thakurani Iron Ore Prospects of Odisha**

**Mining Associates Pvt. Ltd**

Sl. No	Tender Details		Clarification Sought	Clarification
	Page No.	Clause		
1	2	Chapter - I: Instruction to the Bidder 1.4.3 Drawal and processing of drill core samples at 1m interval or as advised by the Authorized Officer of the Directorate of Geology, Odisha.	It is assumed that geological logging will be done by Directorate of Geology.	The agency may prepare its own log, but samples will be drawn by the agency as per advice of Authorized Officer.
2	2	1.5 The agency has to liaise and obtains necessary forest clearance for core drilling work on behalf of Directorate of Geology, Odisha for uninterrupted drilling operation. The agency has to liaise to settle local problems if any for the purpose	Forest clearance is generally taken by the client. The drilling contractor can liaise forest clearance only at local level that too with support from Directorate of Geology. The required forest clearance at state and central level should be the responsibility of Directorate of Geology. Time lost due to forest and any other local issue shall be considered and extra time shall be given for no. of days lost. In such case LD shall also not be charged. <b>Type of Area i.e Forest and Non Forest area of the block may also be defined along with the present status of forest clearance.</b>	The obtaining of FC is the responsibility of the DG (O). Only the agency has to liaise. The time of schedule will be extended as per Terms & Conditions of the tender Document (TD).  FC is likely to be obtained by end of May, 2022.
3	2	1.7 The agency has to liaise with local for manpower engagement and other local	Drilling is a specialized job which required skill / semi skilled trained manpower so for drilling job	Bidder has to sort out all such issues regarding engagement of

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			<p>engagement of locals is not possible. However for ancillary job such as driver, guard etc. locals can be engaged but to a very limited extent. Any local issue shall be settled jointly by the representative of Director of Geology and drilling agency.</p>	manpower.
4	4	<p><b>Chapter - II, General Terms and Conditions</b> 5.1 Earnest Money Deposit (EMD): The bidder has to submit the EMD equal to 3% of the net contract value in favour of DG (O) as under column - 8 of table at Chapter-III in form of account payee DD / Pay order from any nationalized Bank at Bhubaneswar etc. EMD of the unsuccessful bidders shall be returned after issue of work order to the successful bidder. EMD of the successful bidder shall be refunded after 60 days from the issue of work order. Bid without EMD shall be rejected.</p>	<p>Our request is to consider / include BG also for the deposit of EMD. It should not be restricted only to Nationalized Bank. BG's from private banks such as HDFC, ICICI shall also be acceptable. EMD of the unsuccessful bidder shall be returned within 30 days from the date of opening of price bid shall not wait till the issue of WO to the successful bidder.</p>	<p>As per the Tender Document. EMD of unsuccessful bidders other than L<sub>1</sub> &amp; L<sub>2</sub> will be returned.</p>
5	4	<p><b>5.2 Performance Security Deposits</b> The successful bidder shall require to submit performance security @3% of total contract value rounded up to next 100 in shape of account payee DD /Bank Guarantee from any Nationalized Bank in favour of DG (O) within</p>	<p>BG should not be restricted only to Nationalized Bank. BG's from private banks such as HDFC, ICICI shall also be acceptable.</p>	As per the Tender Document.





<p>15 days after award of contract. The period of 60 days beyond the contract period and be further extended if so required by the Directorate of Geology, Odisha.</p>		As above.
<p><b>10. Responsibility of the Bidder</b> f. The bidder shall obtain necessary forest clearance for core drilling work on behalf of the Directorate of Geology, Odisha for uninterrupted drilling operation.</p>	<p>Already mentioned above in Sr No. 2</p>	
<p><b>13. Penalty</b> b. In case the bidder fails to achieve target within the stipulated contract period, penalty @20% of the bill amount shall be imposed.</p>	<p>In all Govt tenders the maximum limit of penalty is 10% so penalty if any for the said job shall be reduce to 5% not 20% as mentioned because successful bidder has to deposit 3% of the total amount as Performance Security before commencement of work which is kept in hold till the successful completion of work. The penalty should be charged only on the value of incomplete drilling meterage not on the total contract value.</p>	<p>Tender paper has been approved by the Govt.</p>
<p><b>14. Terms of Payment</b> g. Bills in triplicate with tax component shown separately in respect of completed Boreholes will be submitted by the bidder in the shape of 95% &amp; 5% of the total bill to the Director of Geology, Odisha duly certified by the Authorized Officer of the Directorate of Geology, Odisha in compliance to different</p>	<p>Bills shall be accepted month wise for monthly drilling work. The time line for payment is not mentioned. Payment shall be made within 30 days from the date of submission of bill and the balance security deposit shall be paid within 60 days from the date of completion of work.</p>	<p>All the efforts will be made for Payment of bills observing the guidelines of Odisha Govt. as soon as possible subject to fulfillment of the Terms &amp; conditions of the Tender paper. The security deposit shall be paid with due clearance from the Auctioned officer after</p>



Conditions of Bidding Chapter-IV.	Chapter-II, Chapter-III	completion of the work.
<p>h. 95% of the bill amount in respect of completed Boreholes would be released by the Director of Geology, Odisha as per the recommendation of the Authorized Officer of the Directorate of Geology, Odisha.</p> <p>i. On completion of the total work, balance 5% of the bills so submitted shall be released by the Director of Geology, Odisha subject to clearance of all dues, liabilities or any other outstanding against the bidder on account of the allotted work and on certification of the Authorized Officer of the Directorate of Geology, Odisha along with counter signature of the Accounts Officer.</p> <p>1. The price quoted by the L1 bidder will be valid for a period of two years from the date of LOI. In case the work is not executed within 2 years of issue of LOI due to reasons beyond the control of DG (O), the L1 approved rate will be considered for revision by the DG (O) as per the increased percentage of the prevailing inflation rate.</p>	<p>There shall be an escalation clause and price shall be revised in the beginning of the each financial year.</p> <p>In case the work is not executed then the LOI / WO shall be terminated after 3 years subjected to price revision in every financial year.</p>	<p>As per the Tender Document.</p>





9	<p>1. <b>Specifications</b>          1. <b>Size of Borehole : 76 mm (minimum)</b></p>	<p>In case of drilling difficulties i.e. structural disturbances, caving strata etc. where further drilling can only be done by size reduction there shall be provision of drilling in BX / BQ size (60 mm) to complete the borehole up to the desired depth. Size reduction shall only be done with prior permission of authorized officer of Directorate of Geology.</p>	<p>In general, the BHs will be drilled as per the specification. If at all any such case arise, an appropriate decision will be taken at that point of time.</p>
10	<p>13 f. Recovery of core: Recovery of core should be minimum 90% in ore zone (excluding voids) and 70% in other formation, with overall core recovery of minimum 80% per borehole. This will be certified by the concerned Authorized Officer. Daily drilling progress and core recovery of each bore hole shall be maintained by the representative of the firm and countersigned by the Authorized Officer of Directorate of Geology, Odisha.</p>	<p>Contradict to Clause 14. Terms of Payment k. For payment, minimum 90% core recovery in the ore zone and 70% in other formation with overall core recovery of 80% per borehole will be considered. However, for overall core recovery of below 70%, no payment shall be made.  <b>It means overall core recovery up to 70% will be paid.</b></p>	<p>As per Tender Document for each completed boreholes, 80% core recovery need to be achieved.</p>

  
 Director of Geology  
 Odisha, Bhubaneswar