

**GOVERNMENT OF ODISHA
STEEL & MINES DEPARTMENT
DIRECTORATE OF GEOLOGY, ODISHA
BHU-BIGYAN BHAWAN, BHUBANESWAR-751001
TENDER CALL NOTICE**

The Director of Geology, Odisha, Bhu-Bigyan Bhawan, Unit-V, Bhubaneswar-751001, invites **separate Sealed Tenders** on behalf of the Governor of Odisha, in two bid system (Technical Bid and Price Bid) from financially capable National and International agencies, fulfilling the eligibility criteria for taking up required quantity of Diamond Core Drilling of Thakurani Iron ore Prospect, Keonjhar district of Odisha over an area of 594.8737 Ha during the year 2022-23, in conformity with the General Terms and Conditions as laid down in tender document.

The detail Tender Schedule, Term & Conditions, cost of the Tender Document, EMD etc. shall be available in the departmental Website <http://www.orissaminerals.gov.in>. There will be no manual sale of tender document. Interested bidders are requested to download the tender schedule from the website. The **last date of receipt of tenders** in the Directorate of Geology, Odisha, Bhubaneswar is **26.05.2022 up to 5.30 PM** which shall be **opened on 27.05.2022 at 11.00 AM**.

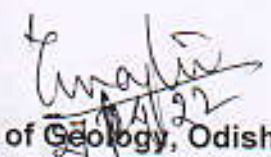
A Pre-bid Conference shall be held on **11th May 2022 at 11.00 AM** in the Conference Hall of the Directorate of Geology, Odisha. All the prospective bidders / tenderers are requested to kindly attend the pre-bid Conference. All the prospective bidders / tenderers are requested to kindly submit their queries (with envelop bearing Tender No. and date on top and marked "**Queries for Pre-bid Conference**" or by e-mail with subject "**Queries for Pre-bid Conference**" so as to reach the Directorate of Geology, Odisha latest by **9th May 2022 / 4.30 P.M.** The details of the bidding process are as follows:

Sl. No.	Bidding Schedule	Deadline
1.	Date of Commencement of Process	29.04.2022 / 10.00 A.M.
2.	Date/ time of pre-bid conference	11.05.2022/ 11.00 A.M.
3.	Last date / time for submission of tender	26.05.2022/ 5.30 P.M.
4.	Date / time for opening of tender	27.05.2022 / 11.00 A.M.

E-mail address for raising the Queries: dirgeol.odisha@gmail.com

The Director shall answer the queries during the Pre-bid Conference.

Director of Geology, Odisha reserves the right to accept / reject all or a part of the Tenders without assigning any reason thereof.


Director of Geology, Odisha

DIRECTORATE OF GEOLOGY, ODISHA

TENDER DOCUMENT

FOR

**DIAMOND CORE DRILLING
IN THAKURANI IRON ORE PROSPECTS
OF ODISHA**

FOR THE YEAR 2022-23

DATE OF COMMENCEMENT OF PROCESS	: 29.04.2022/ 10.00 A.M.
DATE/ TIME OF PRE-BID CONFERENCE	: 11.05.2022/ 11.00 A.M.
LAST DATE / TIME FOR SUBMISSION OF TENDER	: 26.05.2022/ 5.30 P.M.
DATE / TIME FOR OPENING OF TENDER	: 27.05.2022 / 11.00 A.M.

RECEIPT OF BID DOCUMENTS	}	Directorate of Geology, Bhu-Bigyan Bhawan
ADDRESS FOR COMMUNICATION	};	Bhubaneswar, ODISHA – 751001
PLACE OF OPENING OF TENDER	}	Tel : 0674-2392374 / Fax : 0674-2391776
		Email : dirgeol.odisha@gmail.com



CHAPTER – I

(INSTRUCTIONS TO THE BIDDERS)

- 1.1 The Directorate of Geology, Odisha, Bhu-Bigyan Bhawan, Unit-V, Bhubaneswar-751001, invites sealed tenders on behalf of the Governor of Odisha, in two bid system (Technical bid and Price bid) from financially capable National and International agencies, fulfilling the eligibility criteria for taking up required quantity of diamond core drilling in Thakurani Iron ore Prospects of Odisha, **during the year 2022-23** as per details given in Chapter-III, in conformity with the general terms and conditions as laid down in tender document. Interested firms or agencies are requested to submit separate sealed tender in two bid format (Technical bid and Price Bid) for each Iron ore prospect as mentioned in the Table under Chapter-III.
- 1.2 Tender/ bid for a part against any prospect shall not be accepted and the total bid(s) shall be rejected.
- 1.3 The average depth of vertical borehole shall be **100m \pm 20%** and the actual depth of each borehole may vary as per technical requirement.
- 1.4 The bidder desirous of carrying out the core drilling work in the referred prospect has to undertake the following ancillary works related to core drilling.
 - 1.4.1 Survey for location of borehole points as per approved plan or as advised by the Authorized Officer of the Directorate of Geology, Odisha.
 - 1.4.2 Measurement of Co-ordinates of Boreholes, RL of Boreholes, drawing of the profiles along each completed borehole section and contouring of whole exploration block with 2m contour interval by way of field survey.
 - 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.
- 1.5 **The agency has to liaise and obtain necessary forest clearance for core drilling work on behalf of Directorate of Geology, Odisha for uninterrupted drilling operation.**
- 1.6 The core drilling work shall be executed as per specifications outlined in Chapter-IV under supervision of the Authorized Officer of the Directorate of Geology, Odisha.
- 1.7 The agency has to liaise with local for manpower engagement and other local problems if any for the purpose.



CHAPTER – II GENERAL TERMS AND CONDITIONS

2. ELIGIBILITY CRITERIA:

- 2.1 The bidder agency must be a Registered Company/ Registered Firm/ a Proprietary Concern/ a Body of like nature for drilling work.
- 2.2 The bidder must have successfully executed core drilling work of minimum 1000m in any Iron ore Prospect/ Block in Odisha/ India, in any one of the five preceding financial years (including the financial year 2021-22). In Technical Bid the bidder has to submit / filled in Work Experience Format (Annexure-1), enclosed with Tender Document, with Seal & Signature and supporting documents.
- 2.3 The bidder must have minimum annual turn-over of Rs.1.5 (one crore 50 lakhs) Cr., in any one of the five preceding financial years, including the financial year 2021-22. Audited Balance sheets in support of turn-over should be submitted.
- 2.4 The bidder *should have* desired drilling experience in terms of meterage (column-10 of Table at Chapter-III) and turnover in terms of Rupees (column-11 of Table at Chapter-III) in respect of the prospects.
- 2.5 The bidder must have its own EPF Code.
- 2.6 The bidder shall furnish EMD amount @ 3% of the estimated cost shown in column-8 of the Table of Chapter-III, in accordance with Clause-5.
- 2.7 The bidder must not have been adjudged by any Court of Law or not blacklisted by any Govt. and any other authority. The bidder has to submit a declaration in the form of an **original Affidavit** sworn in before an executive magistrate/ Notary public to that effect with Technical Bid document.
- 2.8 The bidder must have its own Service tax Registration Number.

3. AVAILABILITY OF TENDER PAPER:

Agencies fulfilling the eligibility criteria may download the Tender Document from the Govt. Website <http://www.orissaminerals.gov.in> and submit along with a non-refundable, tender paper cost of Rs. 7,000/- (Rupees seven thousand) only **plus GST @ 18% extra** in shape of DD drawn in favour of Director of Geology, Odisha in any Nationalized Bank payable at Bhubaneswar.

4. CLOSING DATE/ TIME FOR RECEIVING TENDERS AT THE DIRECTORATE OF GEOLOGY, ODISHA, "BHU-BIGYAN BHAWAN" BHUBANESWAR: 26.05.2022 / 5.30 P.M.

5. EARNEST MONEY DEPOSIT (EMD) & PERFORMANCE SECURITY DEPOSITS:



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 Nationalised Bank at Bhubaneswar etc. EMD of 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 issue of work order. Bid without EMD shall be rejected.

5.2 PERFORMANCE SECURITY DEPOSITS

The successful Bidder shall require to submit performance security @ 3% of total contract value rounded upto the next 100 in shape of account payee DD / Bank guarantee from any Nationalised Bank in favour of DG (O) within 15 days after award of contract. The Performance Security shall remain valid for a period of 60 days beyond the contract period and be further extended if so required by the Directorate of Geology, Odisha.

6. PROCEDURE FOR SUBMISSION OF TENDER PAPERS:

Technical Bid and Price Bid duly filled-in in the prescribed format are to be sealed properly in separate covers, super scribed as "TECHNICAL BID" and "PRICE BID" indicating name of the Iron ore prospect. Both the sealed covers shall be put in a third sealed cover super scribed as the "Tender for Diamond Core Drilling of Thakurani Iron Ore Prospect" and to be submitted to the Director of Geology, Odisha, Bhu-Bigyan Bhawan, Unit-V, Bhubaneswar-751001, so as to reach latest by **5.30 P.M. on 26.05.2022**, by **Regd. Post/ Speed Post/ Courier Service** only. Tenders received after the aforesaid time and date will not be considered and will be returned unopened. The Technical Bid and Price Bid must be submitted as per the format enclosed in this Tender Document.

6.1 TECHNICAL BID (MANDATORY DOCUMENTS)

- 6.1.1 The Tender Paper must be signed by the bidder on each page with his seal as token of acceptance of the terms and conditions spelt out in the Tender Paper.
- 6.1.2 Duly filled-in prescribed Technical Bid format and filled in work experience format (Annexure-1) must be submitted along with the bid.
- 6.1.3 Authenticated copy/ copies of documents supporting the eligibility criteria (also refer Technical Bid Format in Tender Paper) must be enclosed with bid. If any document is found to be missing, the agency may submit the same within three days after scrutiny of Tender document.
- 6.1.4 Non-refundable DD for Rs. 7,000/- (Rupees seven thousand) only **plus GST @ 18% extra** drawn in any Nationalised Bank in favour of the Director of Geology, Odisha payable at Bhubaneswar towards the cost of the Tender Paper must be enclosed with the bid document.
- 6.1.5 EMD in respect of desired Iron ore Prospect must be submitted along with the bid which is equal to 3% of the estimated value shown in column-8 of Table of Chapter-III, in shape of BD. The BD must be drawn in favour of Director of Geology, Odisha payable at Bhubaneswar.



1.6 Self attested copies of the following must be submitted.

- i. Relevant contracts or work orders or agreements containing the scope of services, the value of the contract or work order or agreement and completion certificate from their clients / employers, regarding successful completion of the services. In case meterage of the contract is not mentioned in the contract or work order or agreement, then the meterage must be mentioned in the completion certificate issued by the client / employers.
- ii. Audited financial statements for last 5 years must be submitted. In case the audited financial statements of the last financial year is not ready, the bidder shall submit unaudited financial statements, certified by its statutory auditor.
- iii. Solvency certificate issued by Nationalised / Scheduled Commercial Bank.
- iv. Incorporation certificate / memorandum of association / article of association in case of company (Private or Public), registration certificate / deed of partnership in case of registered partnership firm and certificate of incorporation / deed of partnership in case of limited liability partnership.
- v. PAN card, GST Registration Certificate – REG06, up-to-date GSTR (GSTR – 1 & GSTR – 3B).
- vi. Valid EPF & ESI Registration certificate.
- vii. Original money receipt in support of purchase of tender documents or Crossed Bank Draft of Rs.7,000/- (Non-refundable) **plus GST @18% extra** drawn in favour of Director of Geology, Odisha payable at Bhubaneswar in case tender documents are downloaded from website towards cost of tender document.
- viii. "Bid Security Declaration" in Annexure-II against Earnest Money Deposit.

6.2 PRICE BID

- 6.2.1 The bidder has to quote the Unit price per meter of core drilling in ore and associated formations. The Price bid should contain the quotes duly filled-in in the **Price Bid format** as enclosed in the Tender paper.
- 6.2.2 The bidder has to quote the price per meter core drilling excluding GST. GST as applicable shall be paid extra.

Note:

1. All information in the Technical and Price Bid formats must be typewritten and in no case any handwritten format (except for the signature of the bidder) shall be accepted. Bids with handwritten information shall be rejected.
2. All the Demand Drafts/Pay Orders towards the cost of Tender Papers and EMD must be drawn in favour of Director of Geology, Odisha payable in any Nationalised Bank payable at Bhubaneswar. The bidders are requested to mention their name on the back of each DD/ Pay Orders.

7. OPENING OF TENDER

- a. The Tender will be opened on **27.05.2022 at 11.00 A.M. in the Conference hall of the Directorate of Geology, Odisha.** The technical bid will be evaluated by a Committee constituted for the purpose by the Government, in presence of the bidders or their authorized representatives. The representatives need to produce authorization documents on demand. **The Price Bid** of the technically qualified bidders shall be opened subsequently under proper intimation.



- b. The comparison of quoted value shall be made among the technically qualified bidders. The Bidder offering the lowest cost shall be declared as the selected bidder.
- c. The interested bidders may visit the areas before quoting the rate in their own interest and at their own expenses.

8. TIME PERIOD

- a. **Validity period of the Bid/ Tender:** The time period for validity of the Bid/ Tender shall be 180 days from the opening of the bid.
- b. The agency shall commence drilling within two months of issue of the work order.
- c. The total quantity of drilling work should be completed within schedule time period as envisaged in Column-7 of the Table of Chapter-III from the date of issue of work order.
- d. The agency shall make all necessary arrangements for commencement of the drilling work in strict adherence to the specifications, terms and conditions and complete the work within the stipulated time.

9. OTHER TERMS & CONDITONS:

- a. The Service Provider is not allowed to subcontract, outsource, sub-let or assign the contract and scope of services, either partly or wholly, without the written approval of the designated officials from DG (O) side for the services for which such subletting is sought. However, the DG (O) reserves the full right to refuse any such approval to the Service Provider without being bound to provide any reason or rationale for such decision.
Provided, nevertheless, that any such consent shall not relieve the Service Provider from any obligation, duty or responsibility under the Service Order / Agreement.
- b. It shall be the bidder's responsibility to set up the camp for providing necessary accommodation to its drilling personnel nearest to the drilling site. Management of the camp affairs, providing logistic support including supply of water to the drilling personnel at camp shall be the responsibility of the bidder.
- c. 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.
- d. The agency is to take up the drilling work as per the direction of the concerned Authorized Officer of the Directorate of Geology, Odisha, and is answerable to them.
- e. The site-in-charge of the agency shall submit the daily, weekly and monthly progress report of the drilling work to the Authorized Officer of the Directorate of Geology, Odisha. A copy of monthly progress report must be forwarded to the Director of Geology, Odisha, within first week of succeeding month by the agency, duly certified by the Authorized Officer of the Directorate of Geology, Odisha.
- f. The drilling should be undertaken as per the quantum indicated in Chapter-III (Schedule and scope of work) & Chapter-IV (Specifications) and General Terms & Conditions contained in this document. Any deviation to the same without written consent of Director of Geology, Odisha will lead to termination of the contract or cancellation of the particular borehole. However, depending upon the field conditions, Director of Geology, Odisha reserves the right of changing the technical parameters in case of requirement.



- g. In case the agency fails to achieve the desired specification or abandons a Borehole before the required depth, another Borehole adjacent to the incomplete Borehole would be taken up at the cost of agency as directed by the Authorized Officer of the Directorate of Geology, Odisha and no cost for the incomplete Borehole shall be paid by the Director of Geology, Odisha.
- h. The core /sludge should be collected with utmost care at the time of drilling and shall be preserved in properly partitioned G.I. / Plastic core boxes (to be supplied by Agency) with necessary labeling of the runs under the direction of the Authorized Officer of Directorate of Geology, Odisha. Details of the borehole, box number, length of core etc. are to be written on the outer and inner side of the core boxes. The core boxes are to be delivered at the place as specified by the Authorized Officer of the Directorate of Geology, Odisha.
- i. Necessary survey work required for locating the Boreholes on the ground as per the supplied approved plan, measurement of the co-ordinates, RL of the completed Boreholes and profile 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.
- j. A register is to be maintained at drilling site (rig-wise) on daily basis to record bore hole wise / run-wise drilling logs, indicating the size of core barrel/casing used, the percentage of core recovered and the process of core drilling (dry/wet) for convenience of supervision and preparation of summarized log with above data (borehole wise). Summarized logs in respect of completed Boreholes with abstract of above data must be submitted to the Director Geology, Odisha duly certified by the Authorized Officer of the Directorate of Geology, Odisha along with the claimed bill of the agency.
- k. The data to be submitted to DG (O) should bear the certification of the Authorised Officer of the Directorate and the counter signature of the Accounts Officer of the same Directorate.

As and when required before certification/ counter signature random pre audit inspection if necessary may be undertaken with the deployment of departmental internal auditors. However, irrespective of the pre-audit as and when required the certification of documents must be countersigned by the Accounts Officer for the claim of the bill by the agency. In that circumstance the service provider/ bidder shall extend logistic support to them.

10 RESPONSIBILITY OF THE BIDDER

- a. The bidder will submit necessary statutory returns as applicable to respective quarter under intimation to the Authorized Officer of the Directorate of Geology, Odisha.
- b. The bidder will provide all safety equipments to the workers and take necessary measures for safety.
- c. The bidder will provide necessary medical facilities to its workers and provide drinking water at its own cost.
- d. The bidder shall report immediately to the Authorized Officer of the Directorate of Geology, Odisha in case of any major or minor accident to his worker or staff.



- e. The bidder shall be liable for payment of compensation to workers under Workmen's Compensation Act-1923. Any such claim by the workers shall be deducted by the Directorate of Geology, Odisha from the bidder's dues.
- f. **The bidder shall obtain necessary forest clearance for core drilling work on behalf of the Directorate of Geology, Odisha for uninterrupted drilling operation.**
- g. The bidder will make all necessary arrangements for commencement and carrying out of the drilling work by its own resources in accordance to the specifications, terms and conditions indicated herein.
- h. Utmost care will be taken by the bidder to preserve the recovered cores and sludge in G.I. Core Boxes and deliver the same at the place as specified by the Authorized Officer of the Directorate of Geology, Odisha. The core boxes are to be provided by the bidder.
- i. Concrete pillars are to be constructed on the completed Boreholes and details are to be written on the concrete pillar indicating the borehole number, location Co-ordinates and RL under the guidance of the Authorized Officer of the Directorate of Geology, Odisha.
- j. The bidder shall undertake necessary survey work required for locating the Boreholes on the ground as per the supplied approved plan, measurement of the co-ordinates, RL of the completed Boreholes and profile of each drill section etc. as per the advice of the Authorized Officer of the Directorate of Geology, Odisha.
- k. The bidder will deposit GST relating to this work regularly and submit proof of the deposit to the Director of Geology, Odisha.

11 RESPONSIBILITY OF THE DIRECTORATE OF GEOLOGY, ODISHA

- a. The Authorized Officer of the Directorate of Geology, Odisha will show the area and help locating the Boreholes as per the approved plan or as advised by the Director of Geology, Odisha.
- b. The Authorized Officer of the Directorate of Geology, Odisha, is authorized to verify all the statutory records/ returns of the bidder.
- c. The format for daily as well as weekly progress report of the drilling work shall be provided by the Authorized Officer of the Directorate of Geology, Odisha.

12. AUTHORISED OFFICER/ REPRESENTATIVE

- a. Any officer in the rank of Geologist or higher shall be declared by the Director of Geology, Odisha, as the **Authorized Officer** to supervise the core drilling & allied works of the bidder. Besides, Director of Geology, Odisha may nominate additional officer(s) under his control to assist the declared Authorized Officer as per requirement.
- b. The bidder will declare the name and designation of its site representative who shall be responsible for execution of the work and will act according to the instruction of the Authorized Officer of the Directorate of Geology, Odisha.



13. PENALTY:

Penalty shall be imposed as below.

- a. In case the bidder fails to start the work within two months of issue of the work order, the contract may be terminated along with forfeiture of the EMD at the decision of the Director of Geology, Odisha.
- b. In case the bidder fails to achieve target within the stipulated contract period, penalty @20% of the Bill amount shall be imposed.
- c. In case of delay and/or shortfall in achievement of target caused due to reasons beyond control of bidder, penalty may be waived subject to approval of the Competent Authority.

14. TERMS OF PAYMENT:

- a. The service provider shall submit the GST deposit challan of the month preceding the relevant month, if any to the concerned Certifying Authority.
- b. The invoice must contain the name, address and GST Registration No. of the service provider.
- c. Since, the net contract value of the work exceeds to Rs. 2.5 Lakhs, TDS @ 2% (1% for CGST + 1% for SGST) will be deducted from the net work value of the contract from the running bill or final bill under Section 51 of GST Act.
- d. TDS as applicable shall be deducted under Income Tax Act, 1961 and certificate of deduction shall be provided by DG (O) to the Service Provider in accordance with the provisions of Income Tax Act, 1961.
- e. No interest charges for delay in payments, if any, shall be payable by DG (O).
- f. No advance payment will be made to the service provider.
- 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% & 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 conditions of **Chapter-II, Chapter-III and Chapter-IV**.
- 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.
- 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.
- j. Applicable taxes notified by the Govt. (State/Central) shall be deducted from the claimed bills.
- 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.

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.

15. GENERAL:

- a) In case any bidder selected, expresses its difficulty for not to take up the work then Director of Geology, Odisha will have right to award the work of the said bidder to other eligible and willing bidder(s) to execute the work at the approved rate. In such case, the EMD of the 1st selected bidder shall be forfeited.
- b) Extension of time for completion of the work may be considered based on assessment of work performance of the bidder by the Director of Geology, Odisha, with due approval from Steel & Mines Department of Govt. of Odisha.
- c) Director of Geology, Odisha reserves all the right to terminate the agreement/ work order at any point of time in case progress of the work and the precision/ quality of the work are found not to be satisfactory during the periodical assessment and in case of stoppage of drilling work due to reasons beyond the control of the Director of Geology, Odisha.
- d) Decision of the Director of Geology, Odisha shall be final and binding in case of any dispute that may arise during the period of this work or in connection with this agreement/ contract.
- e) The bidder shall provide logistic support to Authorized Officer of the project for regular supervision of the drilling work and ancillary activity along with Accounts Officer or any Inspective Authority / Pre-auditor if any for doing the un-time inspection and supervision of the drilling work and ancillary activities and document verification etc.

16. INSPECTION OF WORK

Officers nominated by the Director of Geology, Odisha, will have the authority to inspect the work at any time. The bidder shall co-operate and provide assistance to carry out such inspection.

17. AGREEMENT/ CONTRACT

It shall be the responsibility of the successful bidder to enter into a 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 up by the Director of Geology, Odisha.

18. DISCRETIONARY POWER

The Director of Geology, Odisha reserves the right to accept or reject any or all of the bids/ tenders, terminate the entire tender process at any point of time without assigning any reason whatsoever.



19. DISPUTE RESOLUTION:

In the event of any dispute arising out of the tender, such disputes would be subject to the jurisdiction of the Civil Court, Bhubaneswar or Orissa High Court Cuttack, only.

DIRECTOR OF GEOLOGY, ODISHA



CHAPTER – III SCHEDULE AND SCOPE OF WORK

- 1.1 The name of the Iron ore prospect with district along with associated formations, no of Boreholes, time of completion, estimated cost of the work, EMD and eligibility criteria are furnished in the following Table.

Table

Sl No.	Name of the District	Name of the Iron Ore Prospect to be explored	Formations	No. of BHs & Quantum of Drilling (m) ($\pm 20\%$)	Average depth of borehole (m)	Time period for completion of drilling in months	Estimated cost of the Work (Rupees in Crores)	Eligibility criteria (Also refer Para-2)		
								EMD (Rs.) (Para-2.6 & 5)	Meterage of Drilling done in preceding 5 financial years i.e. (2017-18/ 2018-19/ 2019-20/ 2020-21/ 2021-22) (Para-2.2)	Turnover (Rs.) in preceding 5 financial years i.e. (2017-18/ 2018-19/ 2019-20/ 2020-21/ 2021-22) (Para-2.3)
1	2	3	4	5	6	7	8	9	10	11
1	Keonjhar	Thakurani	Banded Iron Formation	14 1400	100	12 months	1.19	3,57,000.00		

N.B – The quantum of drilling at Column - 5 is indicative but the actual content may be $\pm 20\%$ depending upon technical requirement.

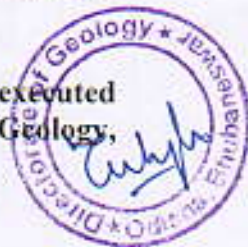


CHAPTER-IV SPECIFICATIONS:

1. The core drilling work shall be taken up by the bidder as per following specifications:

- a. **Size of Borehole** : 76 mm (minimum).
- b. **Inclination of Borehole** : The Boreholes shall be vertical borehole. No deviation or drift unless otherwise required. BH deviation study need to be done periodically.
- c. **Number of Rigs** : The party should possess minimum four high Capacity Mechanical/ Hydrostatic rigs of reputed make capable of drilling boreholes up to 100m (Av) depth in the iron ore formations of Sundargarh & Keonjhar districts of Odisha.
- d. **Formations to be drilled**: Soil, Laterite, Shale, Soft Laminated Ore (SLO), Hard Laminated Ore (HLO), Hard Massive Ore (HMO), Blue dust, BHQ /BHJ etc.
- e. **Depth of Borehole** : Average depth of Boreholes will be 100 m. Closure of each borehole shall be made as per advice of the Authorized Officer of the Directorate of Geology, Odisha.
- f. **Recovery of core**: Recovery of core should be minimum 90% in ore zone 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.
- g. **Type of Drilling** : Suitable method of core drilling shall be adopted in order to satisfy the core recovery as per clause (f) above. The bidder must ensure casing of the BH for the entire depth as per the requirement.
- h. **Preservation of Core/ Sludge** : Core/ sludge recovered as per run shall be preserved suitably in the G.I. Core boxes with proper labeling 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.
- i. **Sampling** : The bidder shall draw samples from the core and process it for analysis under the guidance of the Authorized Officer of Directorate of Geology, Odisha. Each sample shall be reduced to an appropriate quantity as per standard sampling procedures such as homogenizing, coning & quartering and pulverizing in to 100/ 200 mesh and prepared into four packets of 100gm each. The final sample packets shall be properly labeled with BH Number, sample run and handed over at the place as specified by the concerned Authorized Officer of Directorate of Geology, Odisha.
- j. **Borehole pillaring** : Each completed Boreholes shall be marked with a concrete pillar indicating the borehole number, location (Co-ordinates and RL.) under the guidance of the Authorized Officer of Directorate of Geology, Odisha.
- k. **Plans and Sections**: Hard and soft copies of the plans and sections of completed borehole drawn in 1:500 Scale, shall be submitted by the bidder to the concerned Authorized Officer of Directorate of Geology, Odisha from time to time as per requirement.

The drilling work and the ancillary work as per specifications above will be executed under supervision and guidance of the Authorized Officer of Directorate of Geology, Odisha



Annexure - I

TECHNICAL BID FORMAT

FOR DIAMOND CORE DRILLING WORK IN THAKURANI IRON ORE PROSPECTS OF ODISHA

I/We _____ (Name of the Bidder) hereby tender for execution of diamond core drilling work in respect of Thakurani Iron ore Prospect, District Keonjhar of Odisha in accordance with General Terms and Conditions (Chapter-II), Schedule & Scope of work (Chapter-III) and Specifications (Chapter-IV) as per the Tender Document/ Work order to be executed with the Director of Geology, Odisha.

DETAILS TO BE SUBMITTED BY THE TENDERING BIDDER

The Bidder should furnish the following information and enclose supporting documents wherever necessary for enabling Director of Geology, Odisha to assess their capability to undertake the work of core drilling. The information submitted are subject to verification by the Director of Geology, Odisha and in case, the information so furnished are found to be false/ exaggerated/ manipulated, the bid offered by the bidder shall be liable for rejection and the Director of Geology, Odisha reserves all rights to reject the bid without assigning any reason thereof.

1.	Name and address of the Bidder/ Tendering agency					
2.	Contact details of the Bidder/ Agency and Phone/ Fax/ e-mail/ Mobile No. for correspondence	Tel : _____ Mobile No.: _____ e-mail: _____		Fax: _____		
3.	Nature of the Bidder/ Agency: (Registered Company/ Registered Firm/ Sole Proprietor as per clause-2.1 of Chapter-II of the Tender Document (Supporting document to be enclosed)					
4.	i. Duly filled in Technical Bid format and Annexure-1. ii. Details core drilling work executed (Organisation with proof of documents as per clause-2.2 of Chapter-II of the Tender Document) (Work completion certificate from organizations/ clients, indicating core drilling meterage executed to be submitted with Annexure-1.)					
5.	Details of Drilling Machines and other ancillary equipment to be deployed. A statement to be enclosed.					
6.	a) Turnover of the bidder/ agency in rupees (as per audited balance sheet) 2017-18/ 2018-19/ 2019-20/ 2020-21/2021-22.	2017-18 Rs. _____ —	2018-19 Rs. _____ —	2019-20 Rs. _____	2020-21 Rs. _____	2021-22 Rs. _____
	b) Documents showing annual turnover amount in any financial year during last three preceding years as per clause-2.3 of Chapter-II of the Tender Document where the turnover meets the eligibility criteria. (Audited balance sheet certified copy to be submitted for any financial year i.e. 2017-18/ 2018-19/ 2019-20/ 2020-21/2021-22)					



7.	Details of Technical Personnel/ Manpower (A statement to be enclosed)				
8.	EPF Code No.: (Letter of RPFC showing EPF Code No. to be enclosed)				
9.	Whether the bidder or its Group/ Associated Company is a mining lessee (Yes/No)		(Yes/ No)		
10.	PAN of the bidder (Copy of PAN card and a copy of latest Income Tax Return to be furnished)				
11.	Service Tax Registration No. (Copy of certificate to be enclosed)				
12.	Details of DD/ Pay order No., Date, Amount, Drawee Bank etc. towards the cost of tender papers.				
13.	Any other information that the bidder/ agency would like to furnish. (Please attach separate sheets, if required).				
14.	Declaration in the form of an Affidavit sworn in before an Executive magistrate/ Notary public by the bidder that their Company/ Entity has not been adjudged by any Court of Law and their Company has not been black-listed by any Govt. or other authorities (As per para- 2.7 of Eligibility criteria, in Chapter-II to be submitted with Technical Bid document)				
15.	Details of DD/ Pay order No., Date, Drawee Bank etc. towards the EMD against Iron ore prospect.				
Sl No	Name of the District & Iron ore prospect	No. of BHs & Quantum of Drilling (m)	EMD details		
			Name of Bank	DD/ PO No. & Date	Amount (Rs.)
1	Thakurani Dist : Keonjhar	14 1400			

- Tender Document forms a part of the agreement. The Tender Document signed by the bidder *on each page with his rubber seal* as acceptance to the terms and conditions spelt out in the Tender Document must be attached with the Technical Bid. Bids having any deviation to this or with any additional points will be summarily rejected.
- Submission of bid shall be deemed to have been done after careful study and examination of the requirement indicated in the Tender document. Bidders are advised to visit the respective areas at their own interest and expenses to assess the terrain conditions before submission of their offers.

Note: All information in the above format is to be typewritten/ Computerized print, except signature. Handwritten entries may result in rejection of the bid.



(Signature of Bidder with Seal)

TECHNICAL BID

DETAILS OF WORK EXPERIENCE (2017-18/ 2018-19/ 2019-20/ 2020-21/2021-22)

Sl. No.	Year	Name of the Client with address for whom the Core drilling has been undertaken	Name of Mineral / Ore explored	Details of Core drilling work with Work Order No. & date		Work order/ contract value (Rs.)	Completion period as per contract	Actual date of completion	Remarks
				Quantity of Core drilling (in m)	Work Order No. & date				
1.	2017-18								
2.	2018-19								
3.	2019-20								
4.	2020-21								
5.	2021-22								

NB: 1. Clear & legible copies of supporting documents to be enclosed (work order copy, completion certificate from client, value of work etc.). The copies need to be signed and certified with seal by the bidder as true copy.

2. The above filled in format to be submitted in Technical Bid envelope with supporting documents.

(Signature of Bidder with Seal)



PRICE BID FORMAT

FOR DIAMOND CORE DRILLING WORK IN DIFFERENT IRON ORE PROSPECTS OF ODISHA

I/We _____ (Name of the Bidder) hereby tender for execution of diamond core drilling work in respect of Thakurani Iron ore Prospect, District Keonjhar of Odisha, in accordance with General Terms and Conditions (Chapter-II), Schedule & the scope of work (Chapter-III) and Specifications (Chapter-IV) as per the Tender Document, with the following quoted unit price per meter of core drilling against desired prospect.

Sl No.	Name of Iron ore Prospect & District	Mineral & associated formations	No. of BHs & Quantum of Drilling (m)	Unit price per meter of core drilling	
				Formation	Rate in Rs.
1	Thakurani Dist : Keonjhar	Banded Iron Formations	14 1400	1. In Shale, laterite, SLO, HLO & Blue Dust 2. In HMO (Hard Massive Ore) 3. In BHQ/ BHJ	Rs. Rs. Rs.



(Signature of the Bidder with seal)

ANNEXURE – II

As per Para –

BID SECURITY DECLARATION

I / Wehaving my/
our.....Office at do
declare that if I /We withdraw or modify our bid during the period of validity of the tender, I/We will be
suspended for the time specified in the tender document.

Signature of the Bidder:

Date:

Name & Address of the Firm:



ANNEXURE-III

[See Para-7]

**** Model Bank Guarantee Format for Performance Security**

To

The Governor of Odisha

WHEREAS (name and address of the supplier) (herein after called "the Service Provider") has undertaken, in pursuance of contract no. dated to supply (description of goods and services (herein after called "the contract")).

AND WHEREAS it has been stipulated by you in the said contract that the Service Provider shall furnish you with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract.

AND WHEREAS we have agreed to give the supplier such a bank guarantee:

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the Service Provider, up to a total of (amount of the guarantee in words and figures) and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as aforesaid, without needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed thereunder or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until the day of 20.....

Our branch at* (Name & Address of the* branch) is liable to pay the guaranteed amount depending on the filing of claim and any part thereof under this Bank Guarantee only and only if you serve upon us at our* branch a written claim or demand and received by us at our* branch on or before Dt otherwise bank shall be discharged of all liabilities under this guarantee thereafter.

(Signature of the authorized officer of the Bank)

.....
(Name & designation of the Officer)

.....
Seal, name & address of the Bank and address of the Branch

**Preferably at the headquarters of the authority competent to sanction the expenditure for purchase of goods or at the concerned district headquarters of the State headquarters or the State headquarters..*

****Annexure-II and Para-21 of FD Office Memorandum No. Code Geology 7/2011 - 4939/F dated 13.12.2012.**

