

**GOVERNMENT OF ODISHA
STEEL & MINES DEPARTMENT
DIRECTORATE OF GEOLOGY, ODISHA**

BHU-BIGYAN BHAWAN, BHUBANESWAR-751001

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2ND CORRIGENDUM TO TENDER CALL NOTICE

(Advt. No. 26G-30003/11/0017/1617 & 29G (30003/11/0018/1617))

It is here by informed that with reference to the Tender call Notice No. 26-G (30003/11/0017/1617) for outsourcing of Diamond Core Drilling in different Iron ore Prospects of Odisha, a Pre-Bid Meeting was held on 04.03.2017 at 11.30AM. After compliance of the queries of the participants, the modified draft Tender Document was approved by the Govt. in Steel & Mines Department. The modified Tender Document shall be up-loaded in the Govt. Website "<http://www.orissaminerals.gov.in>". The date/ time of submission and opening of the tender have been further extended as under.

1. The last date/ time of submission of Tender : 22.04.2017 up to 4.00PM
2. Date/ time of opening of the Tender : 24.04.2017 at 11.30AM

All the interested Bidders are requested to download the modified Tender Document for outsourcing of Diamond Core Drilling, in different Iron ore Prospects of Odisha from the above Govt. Website and submit their bids accordingly.

Handwritten signature and date: 27/04/17

Director of Geology, Odisha

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

MODIFIED TENDER DOCUMENT

FOR

**OUTSOURCING OF DIAMOND CORE DRILLING
IN DIFFERENT IRON ORE PROSPECTS OF ODISHA**

DURING THE YEAR 2017-18

LAST DATE/TIME FOR SUBMISSION OF TENDER : 22.04.2017/ 4.00PM.

DATE/TIME FOR OPENING OF TENDER : 24.04.2017/ 11.30AM.

ADDRESS FOR SUBMISSION OF BID
DOCUMENT AND PLACE OF OPENING
OF TENDER

Directorate of Geology, Odisha,
Bhu-BigyanBhawan, By the Side of HOD Building
Bhubaneswar, ODISHA – 751001
Tel :0674-2392374/ Fax : 0674-2391776
Email : directorgeology_odisha@yahoo.in



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, experienced and reputed agencies/ firms fulfilling the eligibility criteria with specification, terms and conditions for taking up diamond core drilling in different Iron ore Prospects of Odisha, **during 2017-18** as per details given in Chapter-III. Interested agencies/ firms are requested to submit sealed tender in two bid format One Technical bid for all the Iron ore prospects and separate Price Bids for each Iron ore prospect of their interest as mentioned in the Table under Chapter-III. They can submit Price Bid for one or more prospects without restriction. A bidder can bid for one or more prospects by paying a single tender fee.
- 1.2 Tender/bid for a part against any prospect shall not be accepted and it shall be rejected.
- 1.3 The depth of borehole shall vary from **30m to 130m** and the actual depth of each borehole shall be decided in the field as per technical requirement.
- 1.4 The bidder desirous of carrying out the diamond core drilling work in the Iron ore prospect shall have to undertake the following ancillary work.
 - 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 Borehole cores shall be logged by the Authorized Officer of the Directorate of Geology, Odisha and drawal & processing of drill core samples at 1m interval shall be undertaken by the bidder as per advice of the Authorized Officer.
- 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. The agency has to liaise to settle local problems if any for the purpose.**
- 1.6 The diamond 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.



CHAPTER – II 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 1000min any Iron ore Prospect/ Block in Odisha/ India, in any one of the three preceding financial years (including the financial year 2016-17). 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.5,00,00,000.00 (Rupees Five Crore) in each of the three preceding financial years, including the financial year 2016-17. Audited Balance sheets in support of turn-over for 2014-15 & 2015-16 should be submitted.
- 2.4 The bidder *should have* desired drilling experience in terms of meter age (column-10 of Table at Chapter-III) and turnover in terms of Rupees (column-11 of Table at Chapter-III) in respect of all the prospects.
- 2.5 The bidder must be registered under EPF Act and have its own EPF Code.
- 2.6 The bidder shall furnish EMD equal to the amount in INR as mentioned in column-9 of Table of Chapter-III,
- 2.7 The bidder must not have been adjudged unsuitable by any Court of Law or not blacklisted by Central or by any State Govt. The bidder has to submit a self declaration to that effect with the Technical Bid document.
- 2.8 The bidder must have its own Service tax Registration Number.

3. EARNEST MONEY DEPOSIT (EMD):

The bidder has to submit the EMD equal to the amount in INR as mentioned in Column-9 of Table of Chapter-III, in form of a Demand Draft/Pay Order drawn in any Scheduled / Nationalized Bank in favour of Director of Geology, Odisha payable at Bhubaneswar. **Tender submitted without EMD shall be rejected.** The EMD of the unsuccessful bidder shall be returned after issue of work order.

4. 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 fee of Rs. 5250/- (Rupees five thousand two hundred fifty)** only i.e. **(Basic price Rs.5000/- + VAT Rs.250/-)** in shape of DD drawn in any Scheduled/ Nationalized Bank in favour of Director of Geology, Odisha payable at Bhubaneswar.

The interested bidders are requested to check Govt. Website <http://www.orissaminerals.gov.in> from time to time till the date of opening of tender for any Corrigendum Notices or any related information.

5. CLOSING DATE/ TIME FOR RECEIVING TENDERS AT THE DIRECTORATE OF GEOLOGY, ODISHA, "BHU-BIGYAN BHAWAN" BHUBANESWAR: - 22.04.2017 / 4.00PM.



6. PROCEDURE FOR SUBMISSION OF TENDER PAPERS:

Duly filled-in Technical Bid and Price Bid formats are to be sealed properly in separate covers, super scribing "TECHNICAL BID" and "PRICE BID" indicating the name of the Iron ore Prospect. All the sealed covers shall be put in a third sealed cover super scribed as the "**Tender for Diamond Core Drilling indicating the name of the Iron ore Prospect**" and to be submitted to the Director of Geology, Odisha, Bhu-Bigyan Bhawan, Unit-V, Bhubaneswar-751001, on or before **22.04.2017 by 4.00PM**. Tenders received after due date & time shall not be considered. The Technical Bid and Price Bid(s) 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.
- 6.1.4 Non-refundable DD for Rs. 5250/- (Rupees five thousand two hundred fifty) only drawn in any Scheduled / Nationalized Bank in favour of the Director of Geology, Odisha payable at Bhubaneswar towards the tender fee must be enclosed with the bid document.
- 6.1.5 EMD as shown in Column-9 of Table of Chapter-III, in respect of desired Iron ore Prospect must be submitted along with the tender.

6.2 PRICE BID

- 6.2.1 The bidder has to submit the price bid (one Price bid for each Prospect) as per the **Price Bid format** enclosed in the Tender document for the desired Iron ore Prospect.
- 6.2.2 The bidder has to quote the price excluding the applicable taxes in Indian Rupees only.

7. OPENING OF TENDER

- a. **The Tender will be opened on 24.04.2017 at 11.30AM 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 Bidder offering the lowest price per meter of core drilling 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 90 days from the opening of the bid.
- b. The agency shall complete all necessary work for getting forest clearance for drilling within two months of issue of the work order. The drilling work shall commence in the field within one month after getting forest clearance.
- c. The total quantity of drilling work shall be completed within schedule time period as envisaged in Column-7 of the Table of Chapter-III after getting forest clearance.
- d. The agency shall make all necessary arrangements for commencement of the drilling work in strict adherence to the terms & conditions and specifications as laid down in Chapter-II & IV and complete the work within the stipulated time.

9. OTHER TERMS & CONDITIONS:

- a. 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.
- b. 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.
- c. 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.
- d. 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.
- e. The drilling should be undertaken as per the quantum indicated in Chapter-III (Schedule and scope of work) & Chapter-IV (Specifications) and 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.
- f. 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. Where the reasons of abandonment of borehole are not attributed to the Agency/ firm, then 50% of the drilling cost shall be paid.
- g. The core /sludge should be collected with utmost care at the time of drilling and shall be preserved in properly partitioned G.I. 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.



- h. Necessary survey work required for locating the bore 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.
- i. 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 bore 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.

10 RESPONSIBILITY OF THE BIDDER

- a. The bidder will observe and submit necessary statutory returns as applicable under Mine Act-1952, EPF Act - 1952, C.L. (R&A) Act- 1971, MMDR Act 1957, MC Rules -2016, MCDR- 2016, F.C Act - 1980, Environment Protection Act - 1986 other relevant Acts, Statutory & legal Orders applicable from time to time during the work period. This has also to be intimated 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 (Size-9"x9"x24") 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 service tax 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 ancillary work for getting forest clearance 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 as per Clause- 8 (c), penalty @5% of the remaining 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. Monthly Bills in triplicate with tax component shown separately in respect of completed Boreholes will be submitted by the bidder for 90% & 10% of the 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**.
- b. 90% 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.
- c. Balance 10% 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.



- d. Applicable taxes notified by the Govt. (State/Central) shall be deducted from the claimed bills.
- e. For payment, minimum 90% core recovery in the ore zone and 70% in other formation will be considered. However, for overall core recovery of below 70%, no payment shall be made.
- f. 1.4 times of the approved rate shall be paid for drilling in hard formations like Hard Massive Iron ore/ BHJ/ BHQ.

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 next 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.

16. INSPECTION OF WORK

Officers nominated by the Director of Geology, Odisha, will have the authority to inspect the work at anytime. 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.

Arundh
27/03/17
DIRECTOR OF GEOLOGY, ODISHA



CHAPTER – III
SCHEDULE AND SCOPE OF WORK

The name of the Iron ore prospects, district, associated formations, quantum of drilling meterage, time of completion, estimated cost of the work, EMD and eligibility criteria are furnished in the following Table.

Table

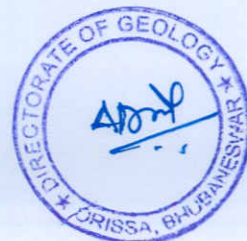
Sl No.	Name of the District	Name of the Iron Ore Prospect to be explored (Co-ordinates)	Formations	Quantum of Drilling (m) with a variation of $\pm 20\%$	Depth of borehole (m)	Time period for completion of drilling in years, excluding the time taken for forest clearance	Estimated cost of the Work (Rupees in Crores)	Eligibility criteria		
								EMD (Rs.) (Para-2.6 & Para-3)	Meterage of Drilling done in preceding 3 financial years i.e. (2014-15/ 2015-16/ 2016-17) (Para-2.2)	Turnover (Rs.) in preceding 3 financial years i.e. (2014-15/ 2015-16/ 2016-17) (Para-2.3)
1	2	3	4	5	6	7	8	9	10	11
1	Sundargarh	Baliapahar 21°51'47"N : 85°16'39"E 21°51'47"N : 85°17'29"E 21°51'22"N : 85°17'29"E 21°51'22"N : 85°17'39"E 21°50'10"N : 85°17'13"E 21°50'17"N : 85°17'10"E 21°50'35"N : 85°17'10"E 21°50'36"N : 85°17'01"E 21°51'15"N : 85°17'00"E 21°51'15"N : 85°16'39"E 21°50'10"N : 85°17'41"E	Banded Iron Formation	4500	Varies from 30 – 130m	1.5	3.15	Rs.1,57,500.00	Filled in Annexure-I of the tender document to be attached.	Evidence to be attached
2		Dholtapahar 21°50'11"N : 85°10'44"E 21°50'30"N : 85°10'43"E 21°50'27"N : 85°11'14"E 21°50'13"N : 85°11'15"E 21°50'12"N : 85°10'58"E 21°50'32"N : 85°11'13"E		2200	Varies from 30 – 130m	1.0	1.54	Rs.77,500.00	-do-	-do-
3	Sundargarh	Khandadhar IIA Sub-Block 21°45'37" N : 85°07'16"E 21°45'37" N : 85°07'45"E 21°45'06" N : 85°07'46"E 21°45'06" N : 85°07'16"E	Banded Iron Formations	2500	Varies from 30 – 130m	1.0	1.75	Rs.87,500.00	-do-	-do-
4		Khandadhar IIB Sub-Block 21° 45' 07" N : 85° 07' 42" E 21° 45' 06" N : 85° 08' 08" E 21° 44' 45" N : 85° 08' 27" E 21° 44' 41" N : 85° 08' 58" E 21° 44' 21" N : 85° 09' 00" E 21° 44' 22" N : 85° 08' 19" E 21° 44' 30" N : 85° 08' 05" E 21° 44' 44" N : 85° 07' 55" E 21° 44' 48" N : 85° 07' 43" E		6000	Varies from 30 – 130m	1.5	4.20	Rs.2,10,000.00	-do-	-do-
5	Sundargarh & Keonjhar	Mankarnacha 21° 47' 50" N : 85° 13' 30" E 21° 49' 56" N : 85° 13' 28" E 21° 49' 56" N : 85° 13' 48" E 21° 50' 33" N : 85° 13' 48" E 21° 50' 33" N : 85° 14' 32" E 21° 49' 56" N : 85° 14' 33" E 21° 49' 56" N : 85° 14' 55" E 21° 47' 51" N : 85° 14' 56" E	Banded Iron Formations	16500	Varies from 30 – 130m	2	11.55	Rs.5,77,500.00	-do-	-do-

N.B. – The quantum of drilling at Column-5 is indicative but the actual content may be $\pm 20\%$ depending on 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.
 - c. **Number of Rigs** : The party should possess minimum four high capacity rigs of reputed make out of which at least two shall be hydrostatic rigs capable of drilling boreholes up to **130m** 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, Banded Hematite Quartzite (BHQ)/ Banded Hematite Jasper (BHJ)etc.
 - e. **Depth of Borehole** : Depth of Boreholes shall vary from **30m to 130m**. Closure of each borehole shall be decided in the field as per technical requirement by the Authorized Officer of the Directorate of Geology, Odisha.
 - f. **Recovery of core** : Recovery of core shall be minimum 90% in mineralized/ ore zone and 70% in other formations. 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.
 - 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 into 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 (Size : 9" x 9" x 24") indicating the borehole number, location (Co-ordinates and RL) as per the advice of the Authorized Officer of Directorate of Geology, Odisha.
 - k. **Plans and Sections:** Hard and soft copies of the plans and sections of completed boreholes drawn in 1:500 Scale, shall be submitted by the bidder to the concerned Authorized Officer of Directorate of Geology, Odisha.



TECHNICAL 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 _____ Iron ore Prospect, District _____ of Odisha in accordance with 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 BIDDER

The Bidder shall 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 :Fax: Mobile No.: e-mail:		
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/ JMC 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 for 2014-15 / 2015-16 / and actuals for 2016-17.	2014-15 Rs.____	2015-16 Rs.____	2016-17 Rs.____
	b) Documents showing annual turnover for last three preceding years as per clause-2.3 of Chapter-II of the Tender Document. (Certified copy of the audited balance sheet to be submitted for the financial year i.e. 2014-15 & 2015-16 and actuals of 2016-17)			
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.	Self Declaration by the bidder that his firm/ agency has not been adjudged unsuitable by any Court of Law and also has not been black-listed by Central or any State Govt. (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	Quantum of Drilling (m) with a variation of $\pm 20\%$	EMD details		
			Name of Bank	DD/PO No. & Date	Amount (Rs.)
1	Baliapahar Dist : Sundargarh	4500			
2	Dholtapahar Dist : Sundargarh	2200			
3	Khandadhar IIA Sub-Block Dist : Sundargarh	2500			
4	Khandadhar IIB Sub-Block Dist : Sundargarh	6000			
5	Mankarnacha Dist : Sundargarh & Keonjhar	16500			

- i. 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.
- ii. 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 (2014-15, 2015-16 and 2016-17)

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.	2014-15								
2.	2015-16								
3.	2016-17								

NB: 1. Clear & legible copies of supporting documents to be enclosed (work order copy, completion certificate/ JMC 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 _____ Iron ore Prospect, District _____ 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	Quantum of Drilling (m) with a variation of $\pm 20\%$	Price per meter of core drilling in Rs.
1	Baliapahar Dist : Sundargarh	Banded Iron Formations	4500	
2	Dholtapahar Dist : Sundargarh	Banded Iron Formations	2200	
3	Khandadhar IIA Sub-Block Dist : Sundargarh	Banded Iron Formations	2500	
4	Khandadhar IIB Sub-Block Dist : Sundargarh	Banded Iron Formations	6000	
5	Mankarnacha Dist : Sundargarh & Keonjhar	Banded Iron Formations	16500	

(Signature of the Bidder with seal)

