

**DIRECTORATE OF GEOLOGY, ODISHA**

**TENDER DOCUMENT**

**FOR**

**OUTSOURCING OF DIAMOND CORE DRILLING  
OF KARABIRA GRAPHITE PROSPECT,  
DHENKANAL DISTRICT  
OF ODISHA**

**FOR THE YEAR 2019-2020**

DATE OF COMMENCEMENT OF PROCESS	: 17.09.2019 / 10.00 AM
DATE/ TIME OF PRE-BID CONFERENCE	: 27.09.2019 / 11.00 AM
LAST DATE / TIME FOR SUBMISSION OF TENDER	: 16.10.2019 / 4.00 PM
DATE / TIME FOR OPENING OF TENDER	: 18.10.2019 / 4.00 PM

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 : 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 National and International agencies, fulfilling the eligibility criteria for taking up required quantity of diamond core drilling of Karabira Graphite Prospect, Dhenkanal district, Odisha, **during the year 2019-20** 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 Graphite prospect as mentioned in the Table under Chapter-III.
- 1.2 Tender/ bid for a part against the prospect shall not be accepted and the total bid(s) shall be rejected.
- 1.3 The depth of inclined borehole shall be 100 m  $\pm$  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 (100m X 50m) grid for fixation 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. The reference point for RL measurement, specific survey instructions will be given by the Authorized Officer.
  - 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. The agency has to liaise to settle local problems if any for the purpose.**
- 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.

## 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 in graphite bearing formations or in similar formations, in any one of the three preceding financial years (including the financial year 2018-19). In Technical Bid the bidder has to submit / filled in Work Experience Format (Annexure-I), 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 three preceding financial years, including the financial year 2018-19. 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 been registered under EPF Act and have its own EPF Code.
- 2.6 The bidder shall furnish EMD amount @ 0.5% 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 Central or State Govt. 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 GST 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. 5900/- (Rupees five thousand nine hundred) including GST @ 18%**, in shape of DD drawn in favour of Director of Geology, Odisha in any Nationalized Bank 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 Notice or any related information.**

#### 4. **CLOSING DATE/ TIME FOR RECEIVING TENDERS AT THE DIRECTORATE OF GEOLOGY, ODISHA, “BHU-BIGYAN BHAWAN” BHUBANESWAR: 16.10.2019 / 4.00 PM**

## 5. EARNEST MONEY DEPOSIT (EMD):

(a) The bidder has to deposit the EMD equal to 0.5% of the estimated cost of the work as under column-8 of Table at Chapter-III in shape of a Demand Draft/ Pay Order drawn in favour of Director of Geology, Odisha payable at any Nationalized Bank at Bhubaneswar. 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 receipt of Initial Security Deposit (ISD). **Bids without EMD shall be rejected.**

(b) The successful bidder shall deposit ISD in the form of Bank guarantee from any Nationalized Bank in favour of Director Geology, Odisha @5% of total bid value within 15 days after award of contract which shall be rounded off to the next hundred rupees. The said bank guarantee should be valid for at least 3 months 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 Graphite prospect. Both the sealed covers shall be put in a third sealed cover super scribed as the “**Tender for Diamond Core Drilling**” and to be submitted to the Director of Geology, Odisha, Bhu-Vigyan Bhawan, Unit-V, Bhubaneswar-751001, so as to reach latest by **4.00 PM on 16.10.2019**, 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. The bidder must submit the supporting documents with the tender documents. If any document is found to be missing, the agency may submit the same within three days after scrutiny of tender paper.
- 6.1.4 Non-refundable DD for Rs. 5900/- (Rupees five thousand nine hundred) only drawn in any Nationalized 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 graphite Prospect must be submitted along with the bid which is equal to 0.5% 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.

### 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 Nationalized 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 18.10.2019 at 4.00 PM 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 date of opening of the bid.
- b. The agency shall commence drilling within two months of the 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. 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 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.
- e. 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.
- 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 bore well are not attributed to the bidder agency /firm, then 50% of the drilling cost shall be paid subject to verification by the Authorized Officer and approval of the Director of Geology.
- 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 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 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. The inclined Boreholes need to be properly anchored during progress of drilling. It is the responsibility of the bidder to ensure unscathed execution of drilling.
- 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. If any BH comes under forest areas.**
- 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 ISD 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. Monthly 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**.
- b. 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.
- c. 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.
- 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. A few inclined boreholes may be given with respect to the horizontal so as to intercept the true thickness of the ore horizon which will be decided by the Authorized Officer. In such cases 1.5 times of the approved rate will be paid as recommendation of the Authorized Officer.



## **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 to the bidder next to the eligible and willing bidder(s) to execute the work at the approved rate. In such case, the EMD of the 1<sup>st</sup> 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.
- c) 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 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.**

## **21. 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 Graphite 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 graphite Prospect to be explored (Co-ordinates)			Formations	No. of BHs & Quantum of Drilling (m) (± 20%)	Depth of inclined borehole (m)	Time period for completion of drilling in years	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 3 financial years i.e. (2016-17/2017-18/2018-19) (Para-2.2)	Turnover (Rs.) in preceding 3 financial years i.e. (2016-17/2017-18/2018-19) (Para-2.3)
1	2	3			4	5	6	7	8	9	10	11
1	Dhenkanal	<b>Karabira:</b>  Corner      Longitude      Latitude A      85° 8' 29.554" E      20° 37' 42.289" N B      85° 8' 29.337" E      20° 37' 56.274" N C      85° 8' 12.605" E      20° 37' 56.274" N D      85° 7' 48.890" E      20° 38' 1.055" N E      85° 7' 43.430" E      20° 37' 50.380" N F      85° 8' 0.989" E      20° 37' 47.087" N G      85° 8' 10.720" E      20° 37' 42.126" N			Eastern Ghats Super Group	50 4000	100 m ± 20%	08 months	Rs. 2.40 Cr.	Rs 1,20,000.00	Filled in Annexure -I of the tender document to be attached	Evidence to be attached

**N.B – The quantum of drilling at Column -5 is indicative but the actual content may be ± 20% depending to 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** : As the dip of the graphite bearing horizon in the Karabira area vary between  $60^{\circ}$  to  $65^{\circ}$ . Therefore, it is suggested that all Boreholes shall be inclined to intercept the true thickness of the ore body and also to intercept the second level of graphite horizon (occurring if any) in the locality. If required, a few vertical Boreholes may be given.
- c. **Number of Rigs** : The party should possess minimum four high Capacity Mechanical/ Hydrostatic rigs of reputed make capable of drilling inclined boreholes up to 100 m (Av) depth in the Eastern Ghats formations of Dhenkanal district of Odisha.
- d. **Formations to be drilled**: Soil, Basic Granulite, Migmatized Khondalite/ Khondalite, Garnetiferous Quartzite/Quartzite, Granite Gneiss with or without graphite.
- 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. Borehole deviation study in respect of each borehole must be undertaken by the bidder.
- 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.
- 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 in to 100 mesh and prepared into four packets of 100g 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.
- l. **Generation of Bulk Sample**: At least one tonne of graphite bearing rock has to be generated by the bidder by excavation from the site as decided by the Authorised Officer.

**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.**

## TECHNICAL BID FORMAT

### FOR DIAMOND CORE DRILLING WORK IN GRAPHITE PROSPECTS OF ODISHA

I/We \_\_\_\_\_ (Name of the Bidder) hereby tender for execution of diamond core drilling work in Karabira Graphite Prospect, Dhenkanal District 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 :	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 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. <b>A statement to be enclosed.</b>			
6.	a) Turnover of the bidder/ agency in rupees (as per audited balance sheet) 2016-17/ 2017-18/2018-19.	2016-17 Rs.____	2017-18 Rs.____	2018-19 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. 2016-17/ 2017-18/2018-19)			
7.	Details of Technical Personnel/ Manpower ( <b>A statement to be enclosed</b> )			
8.	EPF Code No.: ( <b>Letter of RPFC showing EPF Code No. to be enclosed</b> )			

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 <b>Affidavit</b> 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 ( <b>As per para-2.7 of Eligibility criteria, in Chapter-II to be submitted with Technical Bid document</b> )				
15.	Details of DD/ Pay order No., Date, Drawee Bank etc. towards the <b>EMD</b> against Graphite prospect.				
Sl No	Name of the District & Graphite prospect	No. of BHs & Quantum of Drilling (m)	EMD details		
			Name of Bank	DD/ PO No. & Date	Amount (Rs.)
1	Karabia Dist : Dhenkanal	<u>50</u> 4000			

- 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 (2016-17, 2017-18 and 2018-19)

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.	2016-17								
2.	2017-18								
3.	2018-19								

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 GRAPHITE PROSPECT OF ODISHA

I/We \_\_\_\_\_ (Name of the Bidder) hereby tender for execution of diamond core drilling work in Karabira Graphite Prospect, Dhenkanal 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.

Name of Graphite Prospect & District	Mineral & associated formations	No. of BHs & Quantum of Drilling (m)	Price per meter of core drilling in Rs.
<b>Karabira</b> Dist : Dhenkanal	Graphite & Eastern Ghats Super Group	<b>50</b> <b>4000</b>	

N.B. i) Per meter core drilling price is to be quoted excluding GST.

ii) GST as applicable shall be paid extra.

(Signature of the Bidder with seal)