

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 the G-3 level of mineral exploration at Hardatal Manganese Block in Balangir district of Odisha under NMET approved project over an area of 138.617 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 **12.08.2022 up to 5.30 PM** which shall be **opened on 16.08.2022 at 11.00 AM**.


A **Pre-bid Conference shall be held on 29th July 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 **27th July 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	21.07.2022 / 10.00 A.M.
2.	Date/ time of pre-bid conference	29.07.2022/ 11.00 A.M.
3.	Last date / time for submission of tender	12.08.2022/ 5.30 P.M.
4.	Date / time for opening of tender	16.08.2022 / 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

**GOVERNMENT OF ODISHA
DIRECTORATE OF GEOLOGY**

BHU-BIGYAN BHAWAN, BHUBANESWAR-751001

Phone : 06742392374, Fax: 06742391776, E-mail: directorgeology_odisha@yahoo.in



TENDER DOCUMENT

FOR

**G-3 LEVEL MINERAL EXPLORATION
AT HARDATAL BLOCK,
IN BALANGIR DISTRICT OF ODISHA
(NMET APPROVED PROJECT)**

FOR THE YEAR 2022-23

DATE OF COMMENCEMENT OF PROCESS	: 21.07.2022 / 10.00 A.M.
DATE/ TIME OF PRE-EOI CONFERENCE	: 29.07.2022 / 11.00 A.M.
CLOSING DATE / TIME FOR SUBMISSION OF EOI TENDER DOCUMENT	: 12.08.2022 / 05.30 P.M.
DATE / TIME FOR OPENING OF TENDER	: 16.08.2022 / 11.00 A.M.

RECEIPT OF EOI DOCUMENTS }
ADDRESS FOR COMMUNICATION }:
PLACE OF OPENING OF EOI }

Directorate of Geology, Bhu-Bigyan Bhawan
Bhubaneswar, ODISHA – 751001
Tel : 0674-2392374 / Fax : 0674-2391776
Email : directorgeology_odisha@yahoo.in



**GOVERNMENT OF ODISHA
DIRECTORATE OF GEOLOGY**

BHU-BIGYAN BHAWAN, BHUBANESWAR-751001

Phone : 06742392374, Fax: 06742391776, E-mail: directorgeology_odisha@yahoo.in

Ref No. :

The Directorate of Geology, Odisha, Bhu-Bigyan Bhawan, Unit-V, Bhubaneswar-751001, invites Sealed Tender on behalf of the Governor of Odisha, in two bid system (Technical bid and Price bid) from reputed Firms/ Agencies, fulfilling the eligibility criteria to take up mineral exploration as per UNFC classification for **"G-3 Level Mineral Exploration for Manganese ore, under NMET, initially and likely to be up-scaled to G-2 Stage, at Hardatal Block, in Balangir district of Odisha"** during the year 2022-2023.

The detail Tender Document shall be available in the departmental Website <http://www.orissaminerals.gov.in>. There will be no manual sale of Tender document. Interested Firms/ Agencies are requested to download the Tender Document from the website.

A Pre Bid meeting shall be conducted on **29.07.2022 at 11.30AM** in the conference hall of this Directorate of Geology, Odisha, Bhubaneswar, to clear up any confusion regarding tender details, scope of participation, solicitation of documents and any other specific matter if any.

Corrigendum/ Addendum if required any or any other notice or correspondence related to this process shall be uploaded in the above website. Hence interested Firms/ Agencies are requested to be in continuous touch with the above web site, for further updates.

The Director of Geology, Odisha, reserves the right to accept / reject any / all EOIs / Cancel the entire selection process at any stage without assigning any reason thereof.

The Important dates

- | | |
|--|------------|
| 1. Date of Commencement of Process : | 21.07.2022 |
| 2. Pre-Bid Conference : | 29.07.2022 |
| 3. Closing date of Submission of EOI : | 12.08.2022 |
| 4. Date of Evaluation : | 16.08.2022 |



DIRECTOR OF GEOLOGY, ODISHA

TENDER DOCUMENT
CHAPTER – I
INSTRUCTIONS TO THE FIRM/ AGENCY

- 1.1 The Directorate of Geology, Odisha, Bhu-Bigyan Bhawan, Unit-V, Bhubaneswar-751001, invites Sealed Tender on behalf of the Governor of Odisha, in two bid system (Technical bid and Price bid) from reputed Firms/ Agencies, fulfilling the eligibility criteria to take up mineral exploration as per UNFC classification for **“G-3 Level Mineral Exploration for Manganese ore, under NMET, initially and likely to be up-scaled to G-2 Stage, at Hardatal Block, in Balangir district of Odisha”** as per details in Chapter-III, during the year 2022-2023.
- 1.2 The Firm/ Agency has to cover all aspects of the **G-3 Stage Mineral Exploration of the assigned block as stated in Chapter-III**. Bid for a part the aspects as in Chapter-III, shall be rejected in the tender process.
- 1.3 **The Firm/ Agency shall obtain necessary forest clearance for Exploration work/ drilling work on behalf of the Directorate of Geology, Odisha for uninterrupted exploration operation, if necessary.**
- 1.4 Initially 8 boreholes will be drilled. The average depth of inclined borehole shall be **70m ± 20%** and the actual depth of each borehole may vary as per technical requirement for an approved quantum of drilling of 560m.
- 1.5 The Firm/ Agency have to undertake the following ancillary works.
- 1.5.1 Survey for location of borehole points as per approved plan or as advised by the Authorized Officer of the Directorate of Geology, Odisha.
- 1.5.2 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 4 m contour interval by way of field survey, in Total Station instrument.
- 1.5.3 Drawl and processing of drill core samples at 1m interval or as advised by the Authorized Officer of the Directorate of Geology, Odisha.
- 1.5.4 The exploration work shall be executed as per specifications outlined in Chapter-III, under supervision of the Authorized Officer of the Directorate of Geology, Odisha.
- 1.5.5 The Firm/ Agency have to liaise with local for manpower engagement and other local problems if any for the purpose.
- 1.6 Firm/ Agencies are advised to visit the area at their own interest and expenses to assess the terrain conditions before submission of their offer.
- 1.7 Submission of Sealed Tender shall be deemed to have been done after careful study and examination of the requirement indicated in the Tender document.



CHAPTER – II
GENERAL TERMS AND CONDITIONS

2. ELIGIBILITY CRITERIA

- 2.1 The Firm/ Agency must be a Registered Company/ Registered Firm/ a Proprietary Concern/ a Body of like nature for Exploration work.
- 2.1 The Firm/ Agency must be capable to take up mineral exploration as per UNFC/ MEMC Rule 2015, Norms/ recommendation of the TCC–NMET, at “G-3 Level Mineral Exploration for Manganese Ore, under NMET initially and likely to be up-scaled to G-2 Stage, at Hardatal Block, in Balangir district of Odisha” in future.**
- 2.2 The Firm/ Agency must have successfully executed such exploration work with core drilling work of minimum 1000m in any Iron/ Manganese ore Prospect/ similar formations 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 the details of Work Experience with Seal & Signature and supporting documents.
- 2.3 The Firm/ Agency must have minimum annual turn-over of Rs.1.5 Cr. (One Crore 50 lakhs) 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 Firm/ Agency must have its own GST Registration/ Service tax Registration Number, PAN, EPF Code, ESI Registration Certificate, Labor license etc. and it should furnish the clearance certificate of GST & IT to this effect.
- 2.5 The bidder shall furnish EMD amount @3% of the estimated cost shown in the table 1.1 in Chapter-III.
- 2.6 The Firm/ Agency must not have been adjudged by any Court of Law or not blacklisted by any Govt. and any other authority. The Firm/ Agency have to submit an **original Affidavit** sworn in before an Executive Magistrate/ Notary Public to that effect with Technical Bid document.

3 TECHNICAL BID WITH MADATORY DOCUMENTS

The Technical Bid shall contain the following documents in a sealed cover with an Index & Page No. (Annexure- III)

- 3.1 Filled in Bid Submission Check List as in Annexure-III, with the required supporting documents.
- 3.2 Tender processing fee of **Rs.8260.00 (Rs.7,000.00 + GST @18% Rs.1260.00)** in shape of DD drawn in favour of Director of Geology, Odisha, at any Nationalized Bank, payable at Bhubaneswar.



- 3.3 The Bidder shall have to deposit the "Bid Security Declaration"(Annexure-I) in accordance with the O.M. No.-8943/F, dt.18.03.2021, modified with No.-4710/W, dt.12.04.2022, duly signed with the stipulation that "if they withdraw or modify their bids during period of validity etc. they will be suspended for the time specified in the tender documents".
- 3.4 Declaration to the effect that the Price quoted by the Firm/Agency/ Bidder is not exceeding the approved unit rate of NMET, in any circumstances. (Annexure-II)
- 3.5 Affidavit sworn in before an executive magistrate/ Notary public to the effect that Firm/ Agency must not have been adjudged by any Court of Law or not blacklisted by any Govt. and any other authority.
- 3.6 Profile of the Firm/ Agency showing general details.
- 3.7 Power of Attorney/ Authorization by the Firm/ Agency in favour of the Person signing the Sealed Tender documents.
- 3.8 Proof of necessary mandatory documents/supporting/evidence substantiating the Tender short listing criteria i.e. GST Registration Certificate, PAN, EPF & ESI Registration Certificate, labor license etc.
- 3.9 Financial details of the Firm/ Agency as proof of Turnover i.e. Audited Financial Statements of three preceding financial years, including the financial year 2021-22. IT Return for last three consecutive years need to be furnished. If IT Returns for 2021-22 has not yet processed then the preceding 3 years need to be annexed.
- 3.10 Proof of Manpower and Details of Exploration Machines and other ancillary equipment to be deployed & Strength to execute the assignment.
- 3.11 Proof of relevant experience for preceding 5 years including the financial year 2021-22, in conducting such assignment. The Work Completion Certificate issued by Competent Authorities need to be provided with the Sealed Tender.
- 3.12 Tender Document forms a part of the Agreement. The Tender Document signed by the Firm/ Agency on each page with seal as acceptance to the terms and conditions spelt out in the Sealed Tender Document must be attached.
- 3.13 Other document if any as described for evaluation purpose.

4 PRICE BID

- 4.1 The Firm/ Agency has to quote its offered Unit Price / Rate item wise, for all items shown in Chapter-III, not exceeding the approved unit rate of NMET, in any circumstances. The offered Price Contract/ Rate will be calculated item wise. Accordingly the Cumulative Contract Value of the bidder shall be detected.
- 4.2 The Offered Unit Price/ Rate must be shown with **Basic Price** which is inclusive of all other taxes, levies, duties, transportation & incidental charges, etc. + GST if any to be mentioned separately.



4.3 The Cumulative Contract Value/ Offered Price thus arrived shall be taken for comparison to find out the L1 Firm/ Agency, for issue of Contract/ Work Order.

5 PROCEDURE FOR SUBMISSION OF EOI / SEALED TENDERS

5.1 Interested Firms/ Agencies are required to download the Tender Document from the departmental Website <http://www.orissaminerals.gov.in>

5.2 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”**. Both the sealed covers shall be put in a third sealed cover, Super-scribed as the **“Tender for “G-3 Stage Mineral Exploration for Manganese Ore at Hardatal Block”** 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 12.08.2022** by **Regd. Post/ Speed Post/ Courier Service** only.

5.3 **The Sealed Tenders** received after the aforesaid time and date will not be opened and will be the asset of the Director of Geology, Odisha.

6 EVALUATION PROCESS/ OPENING OF THE SEALED TENDER

6.1 The Evaluation Process shall be undertaken by a Committee constituted for the purpose by the Government, on a scheduled date, wherein the bidders or their authorized representatives may remain present on production of their identity/ authorization on demand.

6.2 The Sealed Tenders shall be opened in presence of the designated Committee. Then the Technical Bids shall be opened for evaluation by the Committee or by an ancillary Technical Evaluation Committee constituted for the purpose.

6.3 The Technical Evaluation Committee may ask for a Presentation of the **“Technical Credentials”** (As per Para-3) submitted by the Firm/ Agency/ Bidder with their Technical Bids, on a day, communicated or noticed to them.

6.4 On recommendation of the Technical Evaluation Committee (TEC), the Firms/ Agencies/ Bidders qualifying in the Technical Parameters as stated in Para-3, shall be declared as Qualified Bidders for opening the Price Bids/ Price Contract.

6.5 The Price Bids/ Price Contracts of the qualified Bidders shall be opened only, in presence of the designated Committee and the Price Bids/ Price Contracts of the disqualified bidders shall be kept unopened.

6.6 The comparison of price shall be made among the qualified Firms/ Agencies/ Bidders on their offered Cumulative Total Value as per Para-4 and the Firm/ Agency/ Bidder offering the lowest value shall be declared as L-1 bidder, of the Tender process.



7 AGREEMENT/ CONTRACT

7.1 The L-1 Firm/ Agency/ Bidder shall be asked to enter into a written Contract/ Agreement with the Director of Geology, Odisha on the above work in Non-judicial stamp paper of appropriate value within **Seven days** from the date of issue of the offer letter, in conformity to Para-6 & Para-8, failing which, appropriate action including termination of the offer will be taken up by the Director of Geology, Odisha.

8 PERFORMANCE SECURITY DEPOSITS

8.1 The qualified Firm/ Agency shall require to submit Performance Security @ 3% of Total Cumulative Contract Value calculated as per Para-4, rounded up to the next 100, in shape of Bank Guarantee in favour of Director of Geology, Odisha (Vide O.M. No.-8952/F, dt.18.03.2021 and modified vide O.M. No.-4719/W, dt.12.04.2022) within 10 days and to sign a Contract/ Agreement, accepting the offer.

8.2 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. (vide O.M. No.-27928/F, dt.16.10.2020)

9 ISSUE OF WORK ORDER/ CONTRACT ORDER

9.1 On receipt of the written Contract as asked in Para-7 and Performance Security as asked in Para-8, Work Order/ Contract Order shall be issued in favour of the L-1 Firm/ Agency/ Bidder, stating to commence the exploration work within 10 days from the issue of Work Order.

10 STIPULATED TIME PERIOD

10.1 **Validity period of the Contract:** The Validity period of the contract shall be 150 days from the date of award of the contract.

10.2 The agency shall commence the exploration work within 10 days of issue of the work order.

10.3 The total quantity of Exploration work should be completed within schedule time period as mentioned in Column-7, of the Table in Chapter-III, from the date of issue of work order.

10.4 The agency shall make all necessary arrangements for commencement of the exploration work in strict adherence to the specifications, terms and conditions of the Tender Document & NMET guidelines and complete the work within the stipulated time.

11 OTHER TERMS & CONDITONS:

11.1 The Firm/ Agency 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) for the services for which such subletting is



sought. However, the DG(O) reserves the full right to refuse any such approval to the Firm/ Agency without assigning any reasons thereof or rationale for such decision.

Provided, nevertheless, that any such consent shall not relieve the Firm/ Agency from any obligation, duty or responsibility under the Contract Order / Agreement.

- 11.2 It shall be the Firm/ Agency's responsibility to set up the camp for providing necessary accommodation to its exploration personnel nearest to the exploration site. Management of the camp affairs, providing logistic support including supply of water to the exploration personnel at camp shall be the responsibility of the Firm/ Agency.
- 11.3 Preparation of approach road for mobilization of men and machinery to the exploration site and other required materials shall be the responsibility of the Firm/ Agency.
- 11.4 The Firm/ Agency is to take up the exploration work as per the direction of the concerned Authorized Officers of the Directorate of Geology, Odisha and is answerable to them.
- 11.5 The exploration should be undertaken as per the quantum and time period indicated in Chapter-III (Schedule and scope of work & Specifications) and General Terms & Conditions contained in this document. Any deviation to the same without written consent of Director of Geology, Odisha, will lead for termination of the contract or cancellation of the particular item of exploration under contract. However, depending upon the field conditions, Director of Geology, Odisha reserves the right of changing the technical parameters in case of requirement.
- 11.6 The Firm/ Agency, after setting up the Camp at the exploration area, need to take up the Topographic Survey/ Magnetic Survey immediately after setting up the camp. The Topographic Survey should be completed within a period 45 days and Magnetic Survey need to be done within 15 days.
- 11.7 Magnetic Survey Report needs to be submitted within 7 days of completion of Magnetic Survey, based on which Boreholes will be fixed.
- 11.8 The Site-in-Charge of the agency shall submit the daily, weekly and monthly progress report of the exploration 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.
- 11.9 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 the Firm/ Agency, as directed by the Authorised



Officer of the Directorate of Geology, Odisha and No cost for the incomplete Borehole shall be paid by the Director of Geology, Odisha.

11.10 The Core /Sludge should be collected with utmost care at the time of exploration 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. The cores & the core boxes need to be collected and preserved as per the guidelines issued by NMET.

11.11 Necessary field 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, contouring at 4 m interval 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.

11.12 A register is to be maintained at exploration site (rig-wise) on daily basis to record bore hole wise / run-wise exploration logs, indicating the size of core barrel/casing used, the percentage of core recovered and the process of core exploration (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.

11.13 As and when required before certification/ counter signature, if necessary, random inspection may be undertaken with the deployment of departmental officers. 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/ Firm/ Agency shall extend logistic support to them.

12 RESPONSIBILITY OF THE FIRM/ AGENCY

12.1 The Firm/ Agency will submit necessary Statutory Returns as applicable to respective quarter under intimation to the Authorized Officer of the Directorate of Geology, Odisha.

12.2 The Firm/ Agency will provide all safety equipments to the workers and take necessary measures for safety.



- 12.3 The Firm/ Agency will provide necessary medical facilities to its workers and provide drinking water at its own cost.
- 12.4 The Firm/ Agency 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.
- 12.5 The Firm/ Agency 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 Firm/ Agency's dues.
- 12.6 The Firm/ Agency will make all necessary arrangements for commencement and carrying out of the exploration work by its own resources in accordance to the specifications, terms and conditions indicated herein.
- 12.7 Utmost care will be taken by the Firm/ Agency 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 Firm/ Agency.
- 12.8 Concrete pillars are to be constructed on field survey points and on the completed Boreholes with details/ references written on the concrete pillars indicating the borehole number, location Co-ordinates and RL under the guidance of the Authorized Officer of the Directorate of Geology, Odisha.
- 12.9 The Firm/ Agency will deposit GST relating to this work regularly and submit proof of the deposit to the Director of Geology, Odisha.
- 12.10 The Firm/ Agency shall provide all logistic support to the officials of DG(O) associated with the Project and also to the Inspecting Officials as and when deployed.

13 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 Firm/ Agency.
- c. The format for daily as well as weekly progress report of the exploration work / drilling work shall be provided by the Authorized Officer of the Directorate of Geology, Odisha.

14 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 exploration work/ drilling work & any allied works assigned to the Firm/ Agency. Besides,



of Geology, Odisha may nominate additional officer(s) under his control to assist the declared Authorized Officer as per requirement.

- b. The Firm/ Agency 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.

15 PENALTY:

Penalty shall be imposed as below.

- a. In case the Firm/ Agency fails to start the work within 10 days of issue of the Work order/ contract Order, the contract shall be terminated along with forfeiture of the Performance Security submitted in shape of Bank Guarantee, at the decision of the Director of Geology, Odisha.
- b. In case the Firm/ Agency fails to achieve target within the stipulated time limit & 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 Firm/ Agency, penalty may be waived subject to approval of the Competent Authority.

16 TERMS OF PAYMENT:

- a. The Firm/ Agency shall submit the GST deposit Challan of the month preceding to the relevant month, if any to the concerned Certifying Authority.
- b. The invoice must contain the name, address and GST Registration No. of the Firm/ Agency.
- c. When, 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 Firm/ Agency 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 Firm/ Agency.
- g. Bills in triplicate with tax component shown separately in respect of completed exploration work / completed boreholes will be submitted by the Firm/ Agency in the shape of 90% & 10% 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 Tender Document. As the Project is a NMET funded project, all the guidelines of NMET must be full filled and the bills must be submitted as per NMET guidelines.

- h. 90% of the bill amount in respect of completed exploration work / 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 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 Firm/ Agency 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 95% core recovery in the ore zone and 70% in other formation with overall core recovery of 90% per borehole will be considered. However, for overall core recovery of below 80%, no payment shall be made.
- l. The price quoted by the L₁ Firm/ Agency will be valid for the period of Contract, commencing from the date of the agreement up to 1 year. If the work is not executed within the stipulated time period after issue of Work Order due to reasons beyond the control of DG (O), the L₁ approved rate will be considered for revision by the DG (O) after 1 year as per the increased percentage of the prevailing inflation rate subject to invoke of the penal action to be drawn independently as per the Point no. 15 of the Tender Document.

17 GENERAL:

- a) In case any Firm/ Agency 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 Firm/ Agency to other eligible and willing Firm/ Agency(s) to execute the work at the approved rate. In such case, the Performance Security of the 1st selected Firm/ Agency shall be forfeited.
- b) Extension of time for completion of the work may be considered based on assessment of work performance of the Firm/ Agency, by the Director of Geology, Odisha, with due approval from Steel & Mines Department of Govt. of Odisha.

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 exploration 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 Firm/ Agency shall provide logistic support to Authorized Officer of the project for regular supervision of the exploration 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 exploration work and ancillary activities and document verification etc.
- f) Since, the Project is a NMET approved Project and the work will be under direct supervision of TCC of NMET, any such directive from TCC will be binding on Firm/ Agency.
- g) Initially only 8 BHs & drilling meterage have been approved by TCC of NMET, which may be increased with approval of TCC-NMET. The Firm/ Agency have to undertake the additional work assignments on the approved rate of contract for the subsequent enhanced work assignments, after recommendation by NMET.
- h) Further, if the enhanced work assignments & timeline exceeds beyond one year as per approval of NMET & Work Order, the Firm/ Agency may claim additional 10% hike for the assignment only after one year, limited to the approved rate of TCC.

18 INSPECTION OF WORK

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

19. DISCRETIONARY POWER

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

20. DISPUTE RESOLUTION

In the event of any dispute arising out of the EOI, 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 Schedule and Scope of Work for "G-3 Stage Mineral exploration for Manganese ore, under NMET, at Hardatal Block, in Balangir district of Odisha" with other details are furnished in the following Table.

Name of the Prospect : "G-3 Stage Mineral exploration for Manganese ore, under NMET, at Hardatal Block, in Balangir district of Odisha"

Cost Estimate for Manganese in Hardatal Block (G3)

Dist : Balangir, Odisha

Area : 138.617Ha

Sl No	ITEM OF WORK	Unit	Estimated Cost as per NMET SOC 2020-21			Time period for completion of work
			4	5	6	
1	2	3	ESC Rate in Rs.	Qty	Amount in Rs.	7
A	EXPLORATION					
	Exploration 8 BHs	m	11,500.00	560	64,40,000.00	40 days after the boreholes released.
	Sub Total				64,40,000.00	
B	GEOLOGICAL WORK					
1	Survey Party days (One Surveyor Charges)	Day	8,300.00	30	2,49,000.00	Immediately after a week of setting up the camp and should be completed within a period 60 days (2 Months).
2	Laborers (4 Nos.) Base Rate @Rs.326.00 x 4	day	1,304.00	30	39,120.00	
3	Sampler	Day	5,100.00	20	1,02,000.00	
4	Labours (4 Nos.) Base Rate @Rs.326.00 x 4	Day	1,304.00	20	26,080.00	
	Sub Total				4,16,200.00	
C	GEOPHYSICAL WORK					
1	Magnetic Survey with charges of Geophysicist along with Laborers for Survey	Per Station	1,800.00	200 Points	5,39,520.00	Immediately after setting up the camp and should be completed within a period 15 days, and the Report need to be submitted within 7 days.
	Sub Total				5,39,520.00	
	GRAND TOTAL (A+B+C)				73,95,720.00	



DIRECTOR OF GEOLOGY, ODISHA

1.2 ADDITIONAL SPECIFICATIONS:

The core exploration work shall be taken up by the Firm/ Agency as per following specifications:

- a. **Size of Borehole** : 76 mm (minimum).
- b. **Inclination of Borehole** : The Boreholes shall be at angle 45° w.r.t. horizontal boreholes. No deviation or drift unless otherwise required. BH deviation study, need to be done periodically.
- c. **Number of Rigs**: The party should possess minimum two high Capacity Mechanical/ Hydrostatic rigs of reputed make capable of exploration boreholes up to 100m (Av) depth in the hard formations.
- d. **Formations to be drilled** : Soil, Laterite, manganese laterite, manganese ore, calcgranite, quartzite, granite gneise variants, khondalites 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 95% in ore zone and 70% in other formation, with overall core recovery of minimum 90% per borehole. This will be certified by the concerned Authorized Officer. Daily exploration 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 Exploration** : Suitable method of core exploration shall be adopted in order to satisfy the core recovery as per clause (f) above. The Firm/ Agency 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/ fiber core boxes with proper labeling of depth/ length of core. The core boxes are to be supplied by the Firm/ Agency. 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, which shall be submitted to the National Core Repository.
- i. **Sampling** : The Firm/ Agency 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 Firm/ Agency to the concerned Authorized Officer of Directorate of Geology, Odisha from time to time as per requirement.

The exploration 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.



DIRECTOR OF GEOLOGY, ODISHA

CHAPTER IV

PRICE BID FORMAT

**FOR "G-3 STAGE MINERAL EXPLORATION FOR MANGANESE ORE,
UNDER NMET, AT HARDATAL BLOCK, IN BALANGIR DISTRICT OF ODISHA"**

I/We _____ (Name of the Bidder) hereby tender for execution of "G-3 Stage Mineral exploration for Manganese ore, under NMET, at Hardatal Block, in Balangir district of Odisha", in accordance with General Terms and Conditions (Chapter-II), Schedule & the Scope of work and Specifications (Chapter-III) as per the Tender Document, with the following quoted unit price per meter of core drilling against desired prospect.

SI No	ITEM OF WORK	Unit	Estimated Cost as per NMET SOC 2020-21		Unit Price Offered by the Bidder		
			ESC Rate/ Unit Price in Rs	Qty	Basic Price In Rs.	GST Applicable if any (Rs.)	Total Unit Price in Rs.
A	EXPLORATION						
	Exploration 8 BHs	m	11,500.00	560			
	Sub Total						
B	GEOLOGICAL WORK						
1	Survey Party days (One Surveyor Charges)	Day	8,300.00	30			
2	Labours (4 Nos.) Base Rate @Rs.326.00 x 4	day	1,304.00	30			
3	Sampler	Day	5,100.00	20			
4	Labours (4 Nos.) Base Rate @Rs.326.00 x 4	Day	1,304.00	20			
	Sub Total						
C	GEOPHYSICAL WORK						
1	Magnetic Survey with charges of Geophysicist along with Laborers for Survey	Station	1,800.00	200 Points			
	Sub Total						
	CUMULATIVE TOTAL (A+B+C)						



(Signature of the Bidder with seal)

BID SECURITY DECLARATION

I / We having 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:



Directorate of Geology, Odisha

DECLARATION FOR NMET APPROVED RATES

I/We declare that the Price quoted by me/ my firm in the tender is not more than the open market price or MRP/ Controlled price and it is not more than the approved rates.

Signature of the Bidder:

Date:

Name & Address of the Firm:



TECHNICAL BID FORMAT

FOR G-3 LEVEL MINERAL EXPLORATION AT HARDATAL BLOCK, IN BALANGIR DISTRICT OF ODISHA (NMET APPROVED PROJECT)

I/We _____ (Name of the Bidder) hereby tender for execution of "G-3 level mineral exploration at Hardatal Block, District Balangir of Odisha in accordance with General Terms and Conditions (Chapter-II) and Schedule & the Scope of work (Chapter-III) as per the Tender Document / Work order to be executed with the Director of Geology, Odisha.

ANNEXURE - III

DETAILS TO BE SUBMITTED BY THE FIRM/ AGENCY

The Firm/ Agency 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 exploration. 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 EOI offered by the Firm/ Agency shall be liable for rejection and the Director of Geology, Odisha reserves all rights to reject the EOI Offer without assigning any reason thereof.

1.	Name and address of the Firm/ Agency	
2.	Contact details of the Firm/ Agency/ Agency and Phone/ Fax/ e-mail/ Mobile No. for correspondence	Tel: _____ Fax: _____ Mobile No.: _____ e-mail: _____
3.	Nature of the Firm/ Agency (Registered Company/ Registered Firm/ or its Group/ Sole Proprietor / Associated Company / Mining lessee (As in Chapter-II, Para-2.1 & 2.2) (Supporting document to be enclosed)	
4.	Tender processing Fee (As in Chapter-II, Para-3.2)	
5.	Bid Security Declaration (As in Chapter-II, Para-3.3) Annexure-I	
6.	Declaration to the effect that the Price quoted by the Firm/Agency/ Bidder is not exceeding the approved unit rate of NMET, in any circumstances. As in Para-3.4 (Annexure-II)	



7	Affidavit sworn in before an executive Magistrate/ Notary Public (As in Chapter-II, Para-3.5)	
8	Profile of the Firm/ Agency (As in Chapter-II, Para-3.6)	
9	Power of Attorney/ Authorization by the Firm/ Agency in favour of the Person signing the Tender documents (As in Chapter-II, Para-3.7)	
10	Proof of necessary mandatory documents/ supporting/ evidence substantiating the tender short listing criteria i.e. GST Registration Certificate, PAN, EPF Code & ESI registration Certificate, labour license etc. (As in Chapter-II, Para-3.8)	GST : PAN : EPF & ESI : LABOUR LICENSE :
11	Financial details showing Turnover of the Firm/ Agency as proof of Turn Over (As in Chapter-II, Para-3.9) Supporting Documents to be submitted.	
12	Proof of Manpower and Details of Exploration Machines and other ancillary equipment to be deployed & Strength to execute the assignment. (As in Chapter-II, Para-3.10) (A statement to be enclosed)	
13	Proof of relevant experience for preceding 5 years including the financial year 2021-22, in conducting such assignment. The Work Completion Certificate issued by Competent Authorities need to be provided with the Tender Document. (As in Chapter-II, Para-3.11) Supporting documents is to be enclosed.	
14	Tender Document forms a part of the agreement. The Tender Document signed by the Firm/ Agency on each page with seal as acceptance to the terms and conditions spelt out in the Tender Document must be attached (As in Chapter-II, Para-3.12)	
15	Any other information that the Firm/ Agency would like to furnish. (Please attach separate sheets, if required).	



Note:

All information in the above format is to be Type written/ Computerized print, except signature. Handwritten entries may result in rejection of the EOI Offer.

(Signature of Firm/ Agency with Seal)



Directorate of Geology, Odisha

ANNEXURE-IV

[See Para-8]

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

To

The Governor of Odisha

WHEREAS (Name and address of the supplier) (Herein after called "the Bidder") has undertaken, in pursuance of Contract No.....dated.....to execute (Description of work or services (herein after called "the contract").

AND WHEREAS it has been stipulated by you in the said contract that the Bider 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 Bidder/ supplier such a bank guarantee:

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the Bidder, 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 Bidder/ 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 there under or of any of the contract documents which may be made between you and the Bidder 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 Dtotherwise 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

