



**RAJASTHAN STATE MINES & MINERALS LIMITED**  
(A Government of Rajasthan Enterprise)

**TENDER DOCUMENT**  
**FOR**

Drone survey of lease area and upto 100 meter outside the lease boundary of Sanu-I (ML No. 27/1996) and Sanu-II (M.L.01/1997) Limestone Mines, Tehsil Ramgarh ,District Jaisalmer, Rajasthan(as per Ministry of Mines Notification dated 03 rd November 2021) and submit processed output (digital elevation model(DEM) and Orthomosaic )images obtained from such survey as specified in accordance with the manual prescribed by the Indian Bureau of Mines and its approval from concerned Regional Controller of Mines, Indian Bureau of Mines, Government of India for the Year 2023-24 & 2024-25.

Tender No. RSMML/SBU&PC-LS/GGM(LS)/CONT-06/2022-23,  
Dated 14/03/2023

Issued by  
Group General Manager (Limestone),  
RSMML, 8-West Patel Nagar, Jodhpur-342001

<b>Cost of Non-Transferable Tender Document</b>	<b>Rs. 590/- (inclusive of GST)</b>
Period of sale of documents	From 14.03.2023 to 03.04.2023 up to 1.00 pm, from , RSMML, 8-West Patel Nagar, Jodhpur-342001 <b>or download</b> from websites <a href="http://www.rsmm.com">http://www.rsmm.com</a> and <a href="http://sppp.rajasthan.gov.in">http://sppp.rajasthan.gov.in</a>
Last Date & Time of Submission of offer	Dated 03.04.2023 up to 3.00 pm
Date of opening of Techno Commercial offer	Dated 05.04.2023 at 3.30 pm at RSMML, Jodhpur office

**Registered Office:**  
C-89, Janpath Lal  
Kothi Scheme,  
Jaipur- 302015  
Phone 0141-2743734  
Fax: 0141-2743735

**Corporate Office:**  
4, Meera Marg, Udaipur  
– 313001  
Phone: 0294-2428763-  
67  
Fax: 0294-2428768

**SBU & PC Office:**  
Group General  
Manager  
(Limestone),  
RSMML, 8-West  
Patel Nagar,  
Jodhpur-342001



SECTION -1

**RAJASTHAN STATE MINES & MINERALS LIMITED**

(A Government of Rajasthan Enterprise)

08, West Patel Nagar, Circuit House Road, Jodhpur-342 011

Phone: 0291 2511031/2516199 Fax: 0291 2511029

**Ref. No: - RSMM/SBU&PC-LS/GGM(LS)/CONT-06/2022-23 Dated: 14/03/2023**

**SHORT TERM NOTICE INVITING TENDER**

Sealed offers in two parts viz (Part-A: Techno-commercial offer and Part-B: Price offer) are invited for the following works from competent & experienced Individual /Firm/Company);

S. No.	Brief Description of Work	EMD	Period of contract												
1	<p>Drone survey of lease area and upto 100 meter outside the lease boundary of Sanu-I (ML No. 27/1996) and Sanu-II (M.L.01/1997) Limestone Mines, Tehsil Ramgarh ,District Jaisalmer, Rajasthan(as per Ministry of Mines Notification dated 03 rd November 2021) and submit processed output (digital elevation model(DEM) and Orthomosaic )images obtained from such survey as specified in accordance with the manual prescribed by the Indian Bureau of Mines and its approval from concerned Regional Controller of Mines, Indian Bureau of Mines, Government of India as per scope of work for the Year 2023-24 &amp; 2024-25.</p> <p>The details of the area is as under:-</p> <table border="1"><thead><tr><th>S. No</th><th>Name of Mine</th><th>Tehsil/ District</th><th>Total lease Area (in hect)</th></tr></thead><tbody><tr><td>1</td><td>Sanu-I (Limestone Mines</td><td>Ramgarh/ Jaisalmer</td><td>1000</td></tr><tr><td>2</td><td>Sanu-II Limestone Mines</td><td>Ramgarh/ Jaisalmer</td><td>998.4</td></tr></tbody></table>	S. No	Name of Mine	Tehsil/ District	Total lease Area (in hect)	1	Sanu-I (Limestone Mines	Ramgarh/ Jaisalmer	1000	2	Sanu-II Limestone Mines	Ramgarh/ Jaisalmer	998.4	<p>(Rs. 6000/-) (inclusive of GST), payable by D.D. in favour of "RSMM Ltd, Jodhpur"</p>	<p>Two Years</p>
S. No	Name of Mine	Tehsil/ District	Total lease Area (in hect)												
1	Sanu-I (Limestone Mines	Ramgarh/ Jaisalmer	1000												
2	Sanu-II Limestone Mines	Ramgarh/ Jaisalmer	998.4												

Cost of tender document is Rs.590/- (inclusive of GST), payable by D.D. in favour of "RSMMLtd, Jodhpur"	
Period of sale of documents	From 14.03.2023 to 03.04.2023 up to 1.00 pm, from 8, West Patel Nagar, Jodhpur or download from websites <a href="http://www.rsmm.com">http://www.rsmm.com</a> and <a href="http://sppp.rajasthan.gov.in">http://sppp.rajasthan.gov.in</a>
Last Date & Time Submission of offer	Dated 03.04.2023 up to 3.00 pm
Date of opening of Techno Commercial offer	Dated 05.04.2023 at 3.30 pm at RSMML, Jodhpur office

For participating in the work mentioned, the tenderer shall be pre-qualified on the basis of the following criteria:

- a) The tenderer should have minimum turnover of Rs 1.50 Lac in any one of the immediate three preceding financial years 2019-20, 2020-21 and 2021-22 in its own name.
- b) The tenderer should have experience of at least one successful Drone survey of Category 'A' Mines as per standard operating procedure under sub rule 5 of Rule 34 A of MCDR 2017.
- c) Drones used for the survey should be DGCA approved and should possess mandatory safety features as notified by DGCA from time to time.
- d) Undertaking on non-judicial stamp paper of Rs. 50/- in support of that "Drone Agencies is to adhere to all the rules, regulation, guidelines etc. notified by Directorate General of Civil Aviation (DGCA) from time to time. Drone Survey must be conducted as per rules prescribed by the Ministry of Civil Aviation. The survey will be with compliances of all the applicable rules and guidelines".

The tender shall be pre-qualified on the basis of documents furnished along with Techno- commercial bid in support of above. The decision of the company will be final and binding in this regard.

It is to be noted that, in case of Company registered under Companies Act, turnover of the Company shall only be considered. The Company reserves its right to call for any additional information so as to check the eligibility of the tenderer.

Joint ventures/consortium /partnership are allowed to participate in this tender subject to the jointly/severely responsibility, in such cases the turnover of partners/members should be considered.

The price bid of only those bidders shall be opened who qualify in technical bid as per criteria laid in tender & only qualified bidders will be informed about price bid opening.

The tenderer/ bidder who has earlier been suspended, or, banned, or, whose contract has been terminated including those against whom any FIR has been lodged and is pending, and, has not been disposed off in favour of tenderer meaning thereby acquittal of the tenderer, by the date of opening of techno-commercial bid shall not be eligible to participate in this tender during the currency of the suspension or banned period, or, till favorable disposal of FIR.

Offers furnished through any other mode shall not be considered, RSMML will not entertain any claim on account of postal delay/non-receipt. It also reserves the right to reject/cancel any or all tenders without assigning any reason whatsoever.

Group General Manager (LS)

**Note:** The tenderers are advised to keep visiting our website till due/extended due date of tender for corrigendum/addendum, if any, to the tender.

SECTION-II  
**Definitions, Interpretations**

**DEFINITIONS:**

In the contract (as hereinafter defined) the following words and expression shall have the meaning hereby assigned to them, except where the context otherwise requires.

- 2.01 “RSMML” or “COMPANY” or “EMPLOYER” or “OWNER”** shall mean Rajasthan State Mines & Minerals Limited,” having its registered office at C-89/90, Janpath, Lal Kothi Scheme, Jaipur (Rajasthan) and Corporate Office at 4-Meera Marg, Udaipur (Rajasthan) including its successors and assignees or its representatives authorized to act on its behalf for the purpose of contract.
- 2.02 “Appointing Authority”** wherever the expression is used shall mean the Managing Director of the Company.
- 2.03 “Managing Director”** shall mean the Managing Director of Rajasthan State Mines & Minerals Limited or his successor in the office so designated by the Company.
- 2.04 “GGM of SBU & PC-Limestone”** shall mean Group General Manager for the SBU & PC– Limestone of RSMML or his successor in the office so designated by the Company.
- 2.05 “Agent”** shall mean the Agent so designated for all Limestone Mines as notified by the company in this behalf.
- 2.06 “Engineer-In-Charge” or “Officer In-charge” or “Authorized Officer”** shall mean the Officer so designated for the overall supervision, coordination, direction and administration of the contract work from time to time by the Company and shall also include the GGM of SBU & PC-Limestone
- 2.07 “Engineer’s Representative”** shall mean any Resident Engineer or assistant to the Engineer-In-Charge appointed from time to time by the company to perform the duties set forth in the contract whose authority may be notified in writing to the Contractor by the Company.
- 2.08 Mine Manager”** shall mean the Mining Engineer so designated for concerning Limestone Mines of Rajasthan State Mines & Minerals Ltd.
- 2.09 "Approved"** shall mean approved in writing by the Company/ Engineer-In-Charge.

- 2.10 "Attested"** shall mean attestation of the photocopy of documents by the First class Magistrate /Gazetted Officer/Notary Public.
- 2.11 "Clause"** shall mean the clause & sub-clause of this document &/or agreement etc.
- 2.12 "Tender" shall** mean the offer submitted by the tenderer or bidder against this inquiry for acceptance by the Company.
- 2.13 "Contract"** shall mean the agreement between the company and the contractor for execution of the work/s including therein all documents such as invitation for tender/bid, instructions to bidders, general conditions of contract, special conditions of contract, job specification, general requirements, time schedule for completion of work, drawings, letter of acceptance/telegram awarding the work, alteration/variation order, agreed variations, if any etc. Any subsequent changes made in any of these documents, would be deemed to be a part of the contract.
- 2.14 "Contract Period"** shall mean the period agreed & allowed for execution of the contract & settlement thereof. It shall also include the extended period if any.
- 2.15 "Contract Document"** shall mean collectively designs, drawings, plans, specifications, agreed variations, if any and other documents constituting the tender and acceptance thereof.
- 2.16 "Tenderer" or "Bidder"** shall mean the person, Firm or Company/Co-operative society submitted a tender/ bid against the "invitation for tender bid" & shall include his/it's their legal representative, administrators, successors and executors.
- 2.17 "Contractor"/"Successful Tenderer"/ "Successful Bidder"** shall mean "Tenderer/Bidder" who has either participated in the tender/enquiry of RSMM or "Contractor" to whom order/Contract have been awarded by RSMML. "Contractor" / "Successful Tenderer"/ "Successful Bidder" includes a Public Limited Company, firm whether registered or not, an individual, a Co-operative society or an associates or group of persons engaged in any Commerce, Trade, Industry, etc.
- 2.18 "Letter of Acceptance"** shall mean intimation by a letter/telegram/fax/e-mail to successful bidder /tenderer his/ its offer has been accepted, in accordance with the provision contained in the letter/fax.
- 2.19 "Commencement of Work"** shall be reckoned from the date of issue of letter of acceptance /DLOA whichever is earlier including the stipulated mobilization period.
- 2.20 "Temporary Works"** shall mean and include all temporary works of

every kind for the execution of the main work as incidental and ancillary thereto.

- 2.21 “Tendered Rates”** shall mean rate entered in figures and words in schedule/s by the Contractor for execution/ performance of all contractual obligations as per terms of the contract.
- 2.22 “Contract Rate” or Schedule Rate” or “Tendered Rates” or Rate of Remuneration”** shall means rate entered in figures and words in schedule/s by the Contractor and accepted by the Company as payable to the Contractor for execution/ performance of all contractual obligations based on the finished product from the specified area/s on per metric ton basis.
- 2.23 “Contract Period”** shall mean the period agreed & allowed for execution of the contract & settlement thereof. It shall also include the extension period if any.
- 2.24 “Notice in writing or Written notice”** shall mean a notice written, typed or printed sent (unless delivered personally or otherwise proved to have been received) by registered post to the last known business address or registered / Head/ local office of the addressee and shall be deemed to have been received in the ordinary course of post.
- 2.25 “Alternation/Variation order”** means, any order given in writing by the Engineer- In-Charge to the Contractor from time to time effect Alteration/Variation from given Scope of Work, such an order will be without any financial implication to the Company.
- 2.26 “Financial Year”** means a period of twelve months commencing from 1st April of a calendar year & upto 31st March of succeeding calendar year.
- 2.27 "Drone survey of mining lease area means that the** survey should cover the entire mining lease area capturing all mining, allied activities and 100m beyond periphery of the mine lease boundary to monitor the environmental impact and ascertaining any excavation therein. The flight path plan & the numbers of flights taken to cover the entire area shall be provided along with the output data are to be complied with as per the provision of various existing legislation applicable to mine/ working areas &/or any new statute to those, which may come in force during entire period of contract.
- 2.28 “Specified /designed location/place”** shall mean allocated area for specific purpose by the company time to time.
- 2.29 “Final Certification relation to the work”** shall mean the certificate regarding the satisfactory compliance performance and fulfillment of all Contractual Obligations as issued by the GGM-Limestone.

**2.30 “Completion Certificate”** shall mean the certificate to be issued by the Engineer- In-Charge when the work/s has been completed to his satisfaction as per terms of the contract.

## **2.2 INTERPRETATIONS:**

- 2.2.1 Whenever it is mentioned that the Contractor shall do or perform or cause to be done certain work/s or provide certain facilities or discharge certain obligation/s or make certain provision/s etc. it is expressly agreed and understood that each and every such work/s, facility, obligation/s or provisions etc. shall be made and/or provided by the contractor and liability thereof would be discharged to the satisfaction of the Company at the cost and consequences of the Contractor
- 2.2.2 Several clauses and documents forming the contract are to be taken as mutually explanatory. If there be any discrepancy, inconsistency, error or omission in the contract or for any of the matter/s, the same shall be referred to in writing by the Contractor to the GGM of SBU & PC Limestone of the Company whose interpretation/s, decision in writing shall be conclusive, final and binding on the Contractor.
- 2.2.3 All headings and marginal notes to the various clauses of the contract are solely for the purpose of giving a concise indication and not a summary of the contents thereof, and they shall never be deemed to be part thereof or be used in the interpretation or construction thereof, or of the provisions of the contract.
- 2.2.4 In the contract, unless otherwise stated specifically, the singular shall include the plural and vice versa, wherever the context so requires, the words importing person/s shall include incorporated companies, registered association, body of individuals or partnership firm.
- 2.2.5 General conditions of contract shall be read in conjunction with the Special Conditions of Contract, Specification of work and any other documents forming part of this contract wherever the context so requires.
- 2.2.6 Notwithstanding the sub-division/s of the various clauses of the contract into the separate parts/sections, every part of such shall be deemed to be supplementary to and complementary of each and every other part and shall be read with and into the contract so far as it may be practicable to do so.
- 2.2.7 Where any portion of the General Conditions of the contract is repugnant to or at variance with any provisions of the Special Conditions of Contract, then, unless a different intention appears, the provisions of Special Conditions of the contract shall be deemed to over-ride the provision of the General Conditions of the Contract and shall to the extent of such repugnancy or variations, prevail.



- 2.2.8 The materials, designs and workmanship etc. shall mean the relevant Indian Standards and the job specifications contained herein and the Contractor shall, also satisfy codes referred to in the contract and the additional requirements, if any.
- 2.2.9 No Director or official or employee of the Company shall in any way be personally bound or liable for the acts or obligations of the Company under the contract or answerable for any default or omissions in the observance or performance of any of the acts, matters or things which are herein contained.
- 2.2.10 No verbal agreement or inference from conversation with any officer or employee of the Company before, during or after the execution of the contract shall in any way affect or modify the terms or obligations contained herein.
- 2.2.11 No amendments to the contract shall be valid unless specifically made as an amendment to the contract and signed by the authorized representative of the parties.

### **2.3 DECLARATION BY THE CONTRACTOR**

- 2.3.1 The Contractor do hereby confirm and declare that they have independently inspected Mines of the SBU & PC Limestone of RSMML, ascertained and obtained all relevant and necessary information, data, particulars, existing wage structure/categories, conditions of services of workmen and working conditions, facilities etc. existing industrial environment and other related aspects.
- 2.3.2 The Contractor has also assessed and satisfied himself as to the nature, condition, quantum, extent, scope and magnitude of the work, involved in the contract, working conditions of the area/s, availability of power supply, water supply, men and machinery requirement, etc. The Contractor do hereby agrees and undertakes not to raise any dispute and/or objection at any stage on any ground whatsoever.

## **SECTION-3**

### **INSTRUCTIONS TO THE TENDERER**

#### **TENDERER TO OBTAIN THE INFORMATION HIS OWN:**

- 3.01 The tenderer while offering his tender, shall for all purposes, whatsoever, be deemed to have him independently obtained all relevant and necessary information for preparing his tender. The correctness or completeness of the details, given in the tender document is not guaranteed. The details given in the tender document are basically for reference & guidance of the tenderer. The tenderer is required to satisfy him in all respect, before the submission of offer.
  
- 3.02 The tenderer shall be deemed to have examined the tender document, to have obtained his own information in all matters whatsoever that might affect directly or indirectly the carrying out the works at the contract rates and to have satisfied himself to the sufficiency of his tender. Any error in description or omission in the document shall not vitiate the tender or release the tenderer from his obligations. The tenderer is deemed to know and understood the scope, nature and magnitude of the works and requirement of materials, equipment, tools and labour involved and as to what all works he has to complete in accordance with these documents irrespective of any defect, omission or errors that may be found in the documents.
  
- 3.03 The tenderer, at his own responsibility and cost, is encouraged to visit and examine the site of works and its surroundings and obtain all information that may be necessary for preparing the offer and entering into a contract with company, in case he is awarded the work. He shall be deemed to have visited site and surroundings, to have satisfied himself to the locations, working & climatic conditions at the site, availability of water, electric power, labour etc. transportation facilities, probable sites for labour accommodation and store go- downs etc and all other factors involved in the proper execution of works. The concerned Incharge/Mines Manager of the company may be contacted to familiarize with the work including visit to work site.
  
- 3.04 The tenderer, if awarded the work, shall not be eligible for raising any dispute or claims, in case he is hindered in execution of work due to his negligence/ omission/error in not collecting the details required for execution of work.

### **TRANSFER OF TENDER DOCUMENT:**

- 3.05 Transfer of tender document to other is prohibited. For submitting the offer, it is essential to directly purchase the tender document from the Company. In case downloaded from our website, tender fees to be deposited with Techno- commercial offer otherwise the tender will be rejected.

### **ONE BID PER TENDERER:**

- 3.06 Each tenderer shall submit only one tender.

### **COST OF BIDDING:**

- 3.07 The Tenderer shall bear all costs associated with the preparation and submission of his offer, and the company will in no case be responsible or liable for those costs, under any conditions if company decide to withdraw the "invitation for tender "or modify the tender documents.

### **GENERAL INSTRUCTIONS FOR FILLING THE TENDER:**

- 3.08 All signatures in the tender document shall be dated as well as the pages of all the sections of tender document shall be initialed at the lower right hand corner and signed wherever specified in the tender papers by the tenderer or by a person holding power of attorney authorizing him/her to sign on behalf of tenderer before submission of the tender. All papers should also bear the stamp of the tenderer.
- 3.09 The tender shall contain the name, and place of business of person or persons, participants in the tender and shall be signed by the tenderer with his usual signature. The tenderer shall furnish full particulars of all partners. Tender should be signed either by the tenderer or their authorized partner/director/member.
- 3.10 Tenders containing corrections and alterations are liable to be rejected. Any corrections, over-writing and alterations, if inevitable, in the entries of the tender papers will be signed in full by the tenderer with date. All overwriting, corrections, deletion shall bear initials of the tenderer. Correction should be made by written again instead of shaping or overwriting.
- 3.11 The tender should be made in English/Hindi only. Printed conditions on the back of letters originating from tenderer will be ignored.
- 3.12 Tenderers, in their own interest are advised to read the tender document completely and carefully, to avoid submission of incomplete bid. Tender in which any of the particulars and

prescribed information is missing or incomplete in any respect and/or prescribed conditions are not fulfilled are liable for rejection, at the sole discretion of the Company.

- 3.13 The Company takes no responsibility for delay, loss or non-receipt of tenders sent through Post/Courier service. Offers through Telegraph/ Fax/ E-mail/ Telex shall not be accepted.

**CLARIFICATIONS OF CONTENTS OF TENDER DOCUMENT:**

- 3.14 In case an intending tenderer require any clarification in connection with, or any point covered by, the tender documents, they are advised to send their queries/clarifications address to Sr. Manager (Geo) / Dy. Manager (Contracts), RSMML, 08, west Patel Nagar, Jodhpur so as to reach him at least seven days before the schedule date of submission of bid. A copy of this communication should also be endorsed to the tender issuing Group General Manager ( Limestone), RSMM, 08 West Patel Nagar, Jodhpur.
- 3.15 The Company will not be bound by any verbal/ oral clarification or interpretation of the tender document or of any matter(s) connected with works to be executed in accordance with the tender documents, which may be made by any of its employee, representatives or agent.
- 3.16 Any neglect or failure on the part of the tenderer in obtaining necessary and reliable information upon the foregoing or any other affecting the contract shall not relieve him from any risks or liabilities or the responsibility from completion of the works at the scheduled rate/s & time and in strict accordance with the contract document/s.

**ADDENDA/ CORRIGENDA:**

- 3.17 The company may issue Addenda/Corrigenda to Notice Inviting Tender or to this tender document before expiry of the due date of submission of tender to clarify documents or to reflect modification in the specifications or terms & conditions or scope of work or for any other reasons.
- 3.18 Addenda/corrigenda to these tender documents, if issued by the company, shall form an integral part of this tender document and must be signed and submitted along with the bid.

**CURRENCIES OF THE BID AND PAYMENT:**

- 3.19 The tenderer entirely in Indian Rupees ( ` ) shall quote the rates and prices.

**SUBMISSION OF TENDERS:**

- 3.20 The tenders shall be submitted in the office of Group General Manager (Limestone) , 8 West Patel Nagar, Jodhpur(Rajasthan) on or before the date and time mentioned in the Notice Inviting Tender (NIT).
- 3.21 Tender along with covering letter and information to be included in the tender shall be submitted along with the offer itself.
- 3.22 Tender should be submitted in two parts viz. Part-I & Part -II, in separate sealed envelopes super scribed Part-I, “Techno-Commercial offer“ and Part-II, “Price Bid“ with tender name and NIT No.
- 3.23 Outer Sealed envelope containing above two sealed envelopes will be marked as “Bidding with *tender name* and *NIT No.* & it shall be addressed to Group General Manager(Limestone), RSMML, 08 West Patel Nagar, Jodhpur(Rajasthan)
- 3.24 If the outer envelope is not sealed and marked as above, the Company will assume no responsibility for the misplacement and premature opening of the bid.
- 3.25 Tenderer must submit copies of documents duly attested by Gazette Officer/Notary Public / Magistrate in support of above required details and any declaration given by the tenderer without requisite supportive documents will not be considered. It may be noted that the bid shall be examined on the basis of documents submitted, as per above required details, furnished along with it. A tenderer shall be fully responsible for consequences including rejection of his tender or cancellation of the contract if the required attested documents / attested copies of documents are not submitted along with the techno- commercial bid or any information/ document is found to be false/ fabricated/ misleading. The authorized signatory of the tenderer should put his signature along with its stamp on each page of the Techno-commercial bid and should also record the date.
- 3.26 The Part-I “Techno – commercial Bid” should contain document as per Form-II (including addenda/corrigendum if any) duly signed and sealed along with one complete tender document as issued by the company or downloaded from website of RSMML duly filled in, signed & stamped on each page by the tenderer/ authorized representative of the tenderer as describe in different clauses of the tender document in token of acceptance of the terms & conditions of this tender. Any price indication should not be given in the Techno– commercial Bid. The following information / documents are to be given in the Part- I “Techno – commercial Bid”.
- a) Power of Attorney in favour of the authorized representative signing the tender, as required.

- b) Attested Certificate of Incorporation/ registration of the contractor duly certified by the Notary Public /Gazette Officer as the case may be.
- c) Scan copy of PAN (Income Tax) Number and Goods Service Tax Registration Number.
- d) Attested copy of the Audited/ CA certified Balance Sheets for the financial years prescribed in the tender conditions in support of the turnover. The tenderer should have minimum turnover of Rs. 1.50 Lac in any one of the immediate three preceding financial years 2019-20, 2020-21 and 2021-22 in its own name.
- e) Undertaking on non-judicial stamp paper of Rs. 50/- in support of that "Drone Agencies is to adhere to all the rules, regulation, guidelines etc. notified by Directorate General of Civil Aviation (DGCA) from time to time. Drone Survey must be conducted as per rules prescribed by the Ministry of Civil Aviation. The survey will be with compliances of all the applicable rules and guidelines".
- f) DGCA Approval and registration certificate of Drones to be used.
- g) "Exceptions & deviations statement" to be submitted by the tenderer.
- h) Undertaking/affidavit as per annexure I, II and annexure B given in of tender document
- i) Duly filled Form I to Form IV given in of tender document
- j) One complete set of duly signed each page of tender document as acceptance of tender terms and conditions.
- k) Supporting document in favour of tenderer experience of at least one successful Drone survey of Category 'A' Mines as per standard operating procedure under sub rule 5 of Rule 34 A of MCDR 2017 (Standing Operating Procedure).
- l) Duly Signed Standing Operating Procedure under sub rule 5 of Rule 34 A of MCDR 2017 as per Annexure E.

**PRICE BID 'NEGOTIATION':**

- 3.27 The Price Bid (Negotiable) shall be submitted in one copy.
- i) The tenderers are to quote their rate in the **Form-V** of this tender document & the rate is to be quoted in rupees only otherwise their price bid may not be considered for award of the contract in spite of opening of the price bid or lowest offered rate.
  - ii) While quoting the price under this part, the tenderer is deemed to have confirmed that the prices quoted are for the total scope of work as described in the tender document & as per site requirement.
  - iii) The tenderer should quote rates in English, both in figures as well as in words, the rates and amounts tendered by him in the schedule of rates for each item of work and in such a way that insertion and/or interpolation is not possible. Part II of the tender is to be and duly signed sealed and dated by the tenderer. The rates shall be quoted on firm basis.

### **DEADLINE FOR SUBMISSION OF BIDS:**

- 3.28 In the event of specified date for the submission of bids being declared a holiday for the Company, the bids will be received up to the same time on the next working day.
- 3.29 The Company may extend the deadline for submission of bids by issuing an amendment in accordance with Clause mentioned elsewhere in the tender document, in which case all rights and obligations of the Company and of the Tenderer, which were previously subjected to the original deadline will then be subjected to the new deadline.

### **LATE BID/DELAYED BID:**

- 3.30 Any bid received by the company after the deadline as prescribed in NIT due to any reason whatsoever will not be accepted. Any bid received by the company after the schedule time of closing the tender but before due time of opening of the tender, in such cases tenderer may be asked to deposit the same in the receipt section & same shall be marked as a delayed tender.

### **OPENING OF THE TENDER:**

- 3.31 The envelope containing Part-I –Techno Commercial Bid of the offer will be opened in the office of the Group General Manager ( Limestone), RSMM, 08 West Patel Nagar, Jodhpur as per the date & time as mentioned in NIT. The authorized representative/s of the tenderer is at liberty to be present at the time of the opening of the tender.
- 3.32 If the date fixed for opening of tenders happens to be a holiday for any reason, the tenders will be opened on the next working day at the same time.

### **EXCEPTIONS AND DEVIATIONS:**

- 3.33 Tenderers are advised to submit quotations based on the terms and conditions and specifications contained in the tender document and not to stipulate any deviations. Bids containing stipulations of deviations to the terms and conditions are liable to be ignored. In case it is absolutely unavoidable to deviate from tender conditions then the tenderer should mention the deviations at their risk of rejection only in form attached for exception/deviation. Deviations mentioned anywhere else in the bid should be ignored without any consequences.

### **EARNEST MONEY (EMD):**

- 3.34 The tender must pay Earnest Money as detailed out in NIT in the form of crossed demand draft in favour of the Company and drawn on any Nationalized /Scheduled bank at Jodhpur and attach the same in original with the technical bid of the tenderer, failing which the bid is liable to be rejected. No interest shall be paid by the company on the earnest money so deposited by the tenderer. The earnest money of the tenders whose bid is not found to be acceptable on the basis of pre-qualifying criteria and/or on evaluation of their techno-commercial bids (or disqualified bidder) will be refunded immediately after approval of such decision. The earnest money of the tenderer who are technically successful but not awarded the work shall be refunded after the acceptance of LOA/DLOA to the successful tenderer. The earnest money deposited by the successful tenderer will be appropriated towards a part of the Security deposit, but shall stand forfeited if the tenderer fails to furnish security deposit as per clause.
- 3.35 The earnest money of a tenderer shall be forfeited in the following cases: -
- i. If the tenderer withdraws or modifies the offer after submission of the tender.
  - ii. If the tenderer does not submit the prescribed Demand Draft as security deposit within one month of the date of work order/LOA issued in favour of tenderer.
  - iii. If the tenderer does not execute the agreement, in the prescribed form within one month of the date of work order/LOA issued in favour of tenderer.
  - iv. If it is established that the tenderer has submitted any wrong information/ forged documents along with the tender or thereafter. If tenderer doesn't commence work within stipulated time as per tender.
- 3.36 **VALIDITY:**  
Tender submitted by tenderer shall remain valid for acceptance for a period of 120 days from the date of opening of the tender (Part I of the offer). An offer with a validity of less than 120 days is liable to be rejected.
- 3.37 The tenderer on its own shall not cancel and/or withdraw his tender nor shall he make any variations therein during the period of 120 days or in extended period. In case of tenderer revoking, canceling, modifying and/or withdrawing his bid during the validity of bid, the earnest money deposited by him along with tender shall stand forfeited & tender will not be considered for further evaluation.



- 3.38 In exceptional circumstances, prior to expiry of the original time limit, the company may request the tenderer to extend period of validity for a specified additional period. The request and the tenderers responses shall be made in writing. A tenderer if agreeing to the request will not be required or permitted to modify his bid.

**EXAMINATION OF BIDS AND DETERMINATION OF RESPONSIVENESS:**

- 3.39 Prior to the detailed evaluation of bids, the company will determine whether each bid:
- i) Meets the eligibility criteria.
  - ii) Is the tender document has been signed.
  - iii) Is accompanied by the required securities; and
  - iv) Is substantially responsive to the requirement of the Bidding documents.
- 3.40 A substantially responsive bid is one, which confirms to all the terms, condition, and specification of the bidding documents without material deviations or reservations. A material deviation or reservation is one:
- i) Which affects in any substantial way the scope, quality, or performance of the work; and/or
  - ii) Which limits in any substantial way, inconsistent with the bidding documents, the company's right or the bidder's obligation under the contract; and/or
  - iii) Whose rectification/acceptance would affect unfairly the competitive position of the other Bidders presenting substantially responsive bids.

**EVALUATION OF TECHNO-COMMERCIAL BID:**

- 3.41 The techno-commercial bids of substantially responsive tenderers will be evaluated from all aspects. The RSMML reserves the right to assess the capability and competency of the tenderer based upon the information provided by the tenderer in the techno-commercial bid and the information that may otherwise be available to and/or gathered by the RSMML. The decision of the RSMML as to which tenderer is capable & competent to carry out the work shall be final. The tenderer should, therefore, see that he has required level of technical, financial & managerial competence & experience before submitting the tender.
- 3.42 If a bid is not substantially responsive, the Company at its sole discretion may reject it.

**CRITERIA FOR EVALUATION OF REASONABILITY/WORKABILITY OF OFFERED RATE BY THE TENDERER:**

- 3.43 The reasonability of the tendered rate as offered by the bidders would be judged taking into consideration the nature of work with

involvement of manpower, travelling, printing, pursuance/follow up with approving authorities etc.

- 3.44 During process of price evaluation, if the company finds that the offered rate is not workable rate &/or the contractor would even not be able to achieve breakeven point, then it will be considered as non response bid & shall be liable for rejection.
- 3.45 Further, in case it is found that any bidder has quoted abnormally low rates & attempting to vitiate the tendering process then the company reserves its right to forfeit the EMD & debar such bidder for participating in future tenders of the company at its sole discretion.

#### **CORRECTION OF ERRORS IN PRICE BID:**

- 3.46 Price Bid (Negotiable-Part-II) of substantially responsive will be checked by the Company for any arithmetical errors. Errors will be corrected by the Company as follows:
- a) Where there is discrepancy between the amounts in figures and in words, the lower of the two would be taken; and
  - b) Where there is discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern; and
  - c) Discrepancy in totaling or carry forward in the amount quoted by the contractor society shall be corrected. The tendered sum so corrected and altered shall be substituted for the sum originally tendered and considered for acceptance instead of original sum quoted by the tenderer.
- 3.47 The amount stated in the Bid will be adjusted by the company in accordance with the above procedure for the correction of errors and, shall be considered as binding upon the bidder.
- 3.48 Price Bid (Negotiable-Part-II) only of techno-commercially acceptable tenders shall only be opened. Only such short listed tenderers will be informed about the date and time of opening of the price bids.

#### **NOTIFICATION OF AWARD AND SIGNING OF AGREEMENT:**

- 3.49 The tenderer, whose bid has been accepted, will be notified of the award by the company, through postal communication or through facsimile confirmed by registered letter/speed post. This letter (hereinafter and in Conditions of Contract called the "Detailed Letter of Acceptance" (DLOA) will state the sum unit that the Company will pay to the contractor in consideration of the execution and completion of the works by the contractor as prescribed in the Contract .
- 3.50 The notification of award will constitute the formation of Contract.

The execution of agreement as per clauses below would be the formalization of agreement that was commenced with the issuance of DLOA.

### **3.51 INTERFERENCE WITH PROCUREMENT PROCESS**

In case the bidder

- i) Withdraws from the procurement process after opening of financial bids;
- ii) Withdraws from the procurement process after being declared the successful bidder
- iii) Fails to enter procurement contract after being declared the successful bidder;
- iv) Fails to provide documents or security required in terms of the bidder documents after being declared the successful bidder, without valid ground,  
Shall, in addition to the recourse available in the bidding documents or the contract be punished with fine which may extend to fifty lakh rupees or ten percent of the assessed value of contract, whichever is less.

### **SIGNING OF THE CONTRACT AGREEMENT:**

3.52 The tenderer shall be required to execute an agreement on Non-Judicial Stamp Paper, of appropriate value under Indian Stamp Act with the company **within 30 days from the date of intimation regarding acceptance of DLOA and on before release of payment of first bill**. The cost of execution of agreement including Non-Judicial Stamp Paper shall be borne by the Contractor.

3.53 The contract agreement shall consist of –

- i) An agreement on Non-Judicial Stamp Paper of appropriate value.
- ii) Signed & sealed Tender document, along with the addend/corrigenda, if any.
- iii) Detailed Letter of Acceptance.
- iv) Agreed Variation, if any,
- v) Any other document as mutually agreed.

### **RIGHTS OF COMPANY:**

3.54 The Company reserves the right –

- i) to accept or reject any or all the tenders, in part or in full, without assigning any reason, there to,
- ii) not to accept the lowest tender or assign reasons for not accepting the lowest tender,
- iii) to split the work among more than one bidder,
- iv) to increase/ decrease the number of mines,
- v) to extend period of contract, without any additional obligation on it,
- vi) not to carry out any part of work,
- vii) to reject the offer, if it is established that the tenderer has submitted any wrong/misleading information or forged documents along with offer or thereafter.

- 3.55 The company may exercise any of the above right at any time prior to the award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for the RSMML's action.

**REFUSAL / FAILURE:**

- 3.56 In the event the tenderer, after the issue of communication through Detailed Letter of Acceptance (DLOA) of Tender by the Company, fails/ refuses to accept the award and/ or commence execution of the work as herein before. The tenderer shall be deemed to have abandoned the contract and such an act shall amount to and be construed as the contractor's calculated and willful breach of contract, and in such an event the company shall have full right to claim damages/compensation thereof in addition to the forfeiture of Earnest Money/Security Deposit deposited.

## **SECTION-IV**

### **GENERAL CONDITIONS OF CONTRACT (GCC)**

#### **INTERPRETATION OF CONTRACT DOCUMENT:**

- 4.01 Except if and to the extent otherwise provided by the contract, the provisions of the general conditions of the contract and special conditions of the contract shall prevail over those of any other documents forming part of the contract.
- 4.02 Several documents forming the contract are to be taken as mutually explanatory. Should there be any discrepancy, inconsistency, error or omission in the contract or any of the matter may be referred to the Group General Manager ( Limestone), RSMM, 08, West Patel Nagar, Jodhpur whose decision shall be final and binding.
- 4.03 In case of any inconsistency or contradiction between the provisions of General Conditions of Contract and Special Conditions of Contract, the Special Conditions of Contract shall prevail unless and until provided otherwise.

#### **SECURITY DEPOSIT (SD):**

- 4.04 The successful tenderer shall furnish a Security Deposit minimum of Rs.9000/- (Rupees Nine Thousand only) or 3% of the contract value as work out by the awarded contract rate, whichever is higher in line of RTPP act on and before 31.03.2023. Any changes in security deposit as per RTPP Act shall also be applicable on this contract.
- 4.05 The total contract value will be calculated on the basis of contract rate of remuneration payable to the contractor & tendered quantity for the total period of the contractor.
- 4.06 The successful tenderer shall furnish a security deposit as above through Demand Draft /Banker's Cheque /Bank Guarantee in favour of RSMML, Jodhpur within 21 (Twenty One) days of the issuance of such communication of acceptance of tender/letter of acceptance for due fulfillment of all or any of the terms & conditions of the contract. The Bank Guarantee shall be provided only in our approved format on Non-judicial stamp paper of value 0.25% of BG amount subject to maximum amount of Rs. 25000/- from a public sector, HDFC, ICICI and Axis Bank having its branch at Jodhpur (except SBI Bank). No amendment in this format shall be acceptable to the company. The Bank Guarantee shall be valid for the entire contract and/or extended period, if any, plus a grace period of six months. The Company shall entitled to encash the same and appropriate the whole of the amount or part thereof against its claims / dues or sums payable as contained herein. In case of non receipt of security deposit in time, it will be retained from first bill of the contractor.

- 4.07 The entire Security Deposit shall be refunded at the time of closure of contract, provided always that the Contractor has been first paid all the bills including his final bill subject to deductions as are permissible under these terms and all other dues to the Company arising out of this contract. If any, have been fully met by the Contractor and the Contractor has rendered. "No claim and No dues Certificate" to the Company.
- 4.08 The Security Deposit shall be liable to be forfeited wholly or partly at the sole discretion of the Company, should the Contractor either fail to fulfill the contractual obligations or fail to settle in full, his dues to the Company, In case or premature termination of the contract due to defaulter of the contractor, the Security Deposit will be forfeited and the Company will be at liberty to recover the loss suffered by it from the Contractor.
- 4.09 The Company may deduct from the Security Deposit any sum due and any other sum that may be fixed up by the Company as being the amount of loss or losses or damages suffered by it due to delay in performance and/or non-performance and/or partial performance of any of the terms of the contract.
- 4.10 All compensation or other sums of money payable by the Contractor to the Company or recoveries to be made under the terms of this contract may be deducted from any sums which may be due to the Contractor from the company on any account and in the event of the such amount being insufficient the Contractor shall within ten days of such shortfall make good in cash, failing which the balance amount shall be recovered by way of invoking the bank guarantee furnished as security.
- 4.11 In the event of bank guarantee amount being insufficient, then the balance recoverable amount shall be deducted from any sum, then due or which at any time thereafter may become due to the Contractor. The Contractor shall pay to the company on demand any balance remaining due.
- 4.12 In case the Bank Guarantee is invoked for any reason/s, the Contractor is required to furnish a fresh Bank Guarantee in the same format for the same amount and for the same period as the original Bank Guarantee within a period of 21 (Twenty One) days from the date of invoking of original Bank Guarantee.
- 4.13 In the event of security amount at any time during the currency of the contract falling short of the specified amount, the Contractor shall forth with make good the deficit on demand, so that the total amounts of Security Deposit will not at any time be less than the amount so specified. The Company may recover the same by way of additional deductions from bills.

- 4.14 No interest is payable on S.D. amount.
- 4.15 In case of enhancement of quantum of work, due to any reason, the contractor shall furnish additional security amount. This security amount will be progressively recovered from the payment due to the contractor.

**CONTRACTOR TO BE LIABLE FOR ALL PAYMENT TO HIS WORKERS/ EMPLOYEES:**

- 4.16 The contractor shall be liable for payment of all wages and other benefits, such as leave with wages, contributory provident fund, bonus, free medical aid etc., to his employees and labour as per the statutory requirements as in force or, may be applicable from time to time during the currency of the contract.

The contractor shall bear all liabilities for employee and labour employed or retained by him as regards to their employment, litigation and any other action arising out of operation of this contract or at the termination/ completion of this contract.

The company shall not pay any additional amount on any such account. The only remuneration payable to the contractor by the company will be on the basis of accepted rates and work executed thereof.

4.17 **TAXES:**

The contractor shall be responsible for the deposition of any and all contributions, duties, levies and taxes etc. with the concerned authorities of the Central or State Government authorities, applicable for execution of the works under the contract.

All taxes/duties/levies as applicable should be taken into consideration while making the offer. Ignorance in it shall not qualify for any additional payment.

RSMML will reimburse/recover at actual any taxes/duties which are imposed/ increased / withdrawn /decreased after the date of submission of offer & are directly applicable to this contract & payable by the contractor/recovered by RSMML & determined on the basis of bills raised by him upon the company, if applicable, subject to the furnishing of documentary proof.

4.18 **GOODS AND SERVICE TAX:**

- (a) The rate quoted by the bidder will be exclusive of Goods & Service Tax (GST). However, the rates will be inclusive of any other levies and duties, as applicable on this contract (up to last date of submission of bid).
- (b) The rates quoted shall be on firm price basis during the pendency

of the contract period and the contractor shall not be eligible for any escalation in rates on whatsoever ground.

- (c) The provision of GST should be followed by the Contractor as applicable and will be reimbursed on the submission of challan, failing which RSMML is free to deduct/recover/ retain such amount from the bills of contractor or any other amount due to him/ or from Security deposit, as the case may be.
- (d) Timely deposition of GST and filing of requisite tax returns of relevant tax period would be sole responsibility of the contractor. The contractor will also ensure that necessary credit on this account is available to RSMML in the next month. In case of any discrepancy where credit is not available to RSMML then company is free to deduct/recover/retain such amount from the bills of contractor or any other amount due to him/ or from Security deposit, as the case may be.
- (e) In case of reversal of Input Tax Credit (ITC) and imposition of penalty on account of payment of GST and default in filing of returns towards the payment for the work, contractor is liable to pay all such dues to the company, failing which RSMML is free to deduct/recover/ retain such amount from the bills of contractor or any other amount due to him/ or from Security deposit, as the case may be.

#### **4.19 WAIVER AND LIABILITY TO PAY COMPENSATION:**

In any case in which any of the powers conferred upon the Company shall have become exercisable and the same have not been exercised, the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall be exercisable in the event of any further case of default by the Contractor, the contractor shall be liable to pay compensation amount to the extent of the whole of his Security Deposit etc. and the liability of the Contractor for past and future compensation shall remain unaffected.

- 4.20 In the event the Company exercising the powers vested in it under the aforesaid clause, it may, take possession of all of any tools and equipment, materials and stores lying in or upon the works or the site thereof belonging to the Contractor or procured by him and intended to be used for the execution of the work or any part thereof the same be taken by paying reasonable compensation as decided by Engineer-In-Charge, otherwise the Engineer-In-Charge may give notice to the Contractor, requiring him/ it to remove such tools, equipment, materials or stores from the premises (within a time to be specified in such notice), and in the event of the contractor failing to comply with such requisition the Engineer-In-Charge may remove them at the contractor's expenses or sell them by auction and/or private sale on account of the contractor and at his / its risk in all respects without any future notice as to the date, time or place of sale and the certificate of the Engineer- In-Charge as to the expenses of any such removal and the amount of the proceeds and expenses of any such sale shall be final, conclusive and binding on the Contractor.



**4.21 COMPANY NOT LIABLE TO PAY COMPENSATION:**

The Contractor shall have no claim against the Company for any business loss, idle charges, compensation upon failure, delay, omission etc. on the part of the Company to carry out any or all the provisions of the contract for any reason whatsoever. The Company's decision in the matter shall be final and binding on the Contractor.

**4.22 NO CLAIM IF WORK IS ABANDONES OR POSTPONED:**

The Contractor have no claim, whatsoever against the Company if the work or any part thereof covered by the contract is postponed to any later date and/ or withdrawn in part in the overall interest of the Company or for security or for any other reason/s. The Company's decision in this regard shall be final and binding on the Contractor.

**4.23 NO COMPENSATION FOR ALTERATION IN OR RESTRICTION OF WORK:**

If any time after the commencement of the work the company shall for any reason or under instructions of Directorate General of Mines Safety in case of mining contracts or any other statutory authority for mining and other contracts, whatsoever required not to do the whole work or part thereof as specified in the schedule of work to be carried out, the Engineer-In-Charge shall give notice in writing of the fact to the contract, who shall have no claim to any payment or compensation whatsoever on any account or profit or compensation or advantage/s which he might have derived from the execution of the work in full, but which he did not drive in consequences of the full amount of the work not having been carried out, nor shall have any claim or compensation by reason of any alternations having been made in the original specification, drawings, designs and instructions which shall involve any curtailment of the work as originally contemplated.

**4.24 DISCREPANCIES BETWEEN INSTRUCTIONS:**

Should any discrepancy occur between the various instructions furnished to the Contractor, his agents or staff or any doubt arising as to the meaning of any instructions or should there be any misunderstanding between the Contractor's staff, the Contractor shall refer the matter immediately in writing to the Engineer- in-Charge whose decision thereon shall be final and conclusive and no claim for losses alleged to have been caused by such discrepancies shall in any case be admissible.

**4.24 SAFETY, SANITARY & MEDICAL FACILITIES:**

The Contractor and/or his sub-contractor and their employees, at Contractor's cost shall fully comply with the safety rules, regulations or statutory directions and provided sanitary and medical facilities, prescribed by law or as may from time to time be prescribed by the Engineer-in-Charge with the object of securing the safety and health of

the employees and the local community. In case of violation or non-observance of any of the aforesaid provisions by the Contractor the same shall be enforced by the Engineer-in-Charge at the Contractor's expenses.

4.25 The Contractor shall promptly and immediately report serious accidents to any of his employees to the Engineer-In-Charge / Mines Manager and shall make at his cost immediate arrangements to render all possible medical and other assistance to such affected employees/persons.

4.26 First aid facilities and supplies as required by the rules for the time being in force or will come in force in near future shall be kept on the work site by the Contractor at his cost. The Contractor at his cost, as required under the rules, shall undertake medical check-ups of employees/ persons working with the contractor.

**4.27 DAMAGE TO PROPERTY:**

The Contractor including his sub-contractor/s, if any, shall be responsible for making good at his cost to satisfaction of the Company any loss or any damage to building, structures, equipment, installations, properties etc. belonging to the company or being executed or procured or being procured by the Company or of other agencies within the premises of the Company, if such losses or damages is due to fault and/or negligence or willful acts, omission, and/or any other reason whatsoever of the Contractor and/or his sub-contractor/s, their employees, agents, representative etc.

**4.28 POWER OF ENTRY:**

During execution of Contract, if in the opinion of Engineer-In charge, it is found that:

- i. Contractor has failed to execute the Contract in conformity with contract document or
- ii. Contractor has failed to carry on and execute the works to the satisfaction of the Engineer In Charge, or
- iii. Contractor has committed or suffered or permitted any other breach of any of the provisions of the contract on his part to be performed or
- iv. Contractor has abandoned the work; or
- v. Contractor during the continuance of the contract has become bankrupt, Then in any of such events, the Company shall have the power to enter upon the works and take possession of the materials, spares, equipment, tools and stocks thereon, and to revoke the Contractor's permission to continue to execute plant by his agents. The Company shall then be free to take appropriate action against the contractor as per provisions of contract.

**4.29 COMPANY MAY DO PART OF WORK:**

Upon failure of the contractor which includes sub-contractor/s, if any, to comply with any instructions given in accordance with the provision of the contract, the Company retains the right instead of assuming charge of entire work, to place additional labour force, tools, equipment

and materials etc. on such parts of the work, as the company may decide/ designate or also engage another Contractor to carry out the work at the risk and cost of the Contractor. In such cases, the Company shall deduct from the amount due or which otherwise might become due to the Contractor, the cost of such work and materials etc, plus 15% additional charges thereon to cover all departmental charges/ expenses and the Contractor shall be bound by such decision of the Company.

**4.30 POWER TO ORDER SUSPENSION OF WORK:**

The Company may, from time to time, by direction in writing and without in any way invalidating the contract, order the contractor to suspend the work or any part thereof at any time and for such times and for such reasons as he may consider necessary. After such directions to suspend the work, or any part thereof, has been given the Contractor shall not proceed with the work or part thereof directed to be suspended until he receives a written order from the Company to so proceed. In the event of suspension exceeding three days the Company may under the provision of the contract extend the time for completion of work or part thereof by such time as it may find reasonable. The decision of the Company in the matter shall be final and binding on the Contractor. The Contractor shall not be entitled for any extra payment in case of such suspension. The Contractor without prior knowledge and approval of the Company thereof shall not suspend the work of any other part. If the Contractor is compelled to suspend the work or any part thereof he should report to the Engineer-in-Charge, furnish the reasons, necessitating such granted to the contractor if he proposes to suspend the work or any part thereof, on his own. In case such suspension is necessitated for reasons beyond control and period of suspension becomes more than 3 month at a stretch then Company may consider making some ad hoc/ advance payment against the work done. The quantum and mode of payment shall be mutually decided. It will be however, sole discretion of company & will not be available as right of the contractor.

**4.31 CHANGE IN CONSTITUTION:**

The Contractor shall prior inform the Company before any change is made in the constitution of the Co-operative Society/Firm/ Company or induction or retirement of any of the partners/ directors at the earliest.

**4.32 COMPLIANCE IN RESPECT OF VARIOUS ACTS:**

The contractor shall at his own cost, observe, perform and comply with the provisions of the Acts applicable during the execution of the Contract, and Rules/Bye-laws framed hereunder as applicable to this work, including but not limiting to the following and shall maintain such registers and documents, as are required under the various statutes, for production of the same before the company and/or other statutory authorities prescribed in this behalf, as and when required. Non-

compliance of the provisions/ stipulations of the those Acts and rules made there under including the following will render the Contractor liable to payment of necessary compensation/penalty, as deemed fit by the Company.

- i) The Contract Labour (Abolition & Regulations) Act, 1970
- ii) The Payment of Wages Act, 1936
- iii) The Mines Act, 1952
- iv) The Payment of Workmen's Compensation Act, 1923
- v) The Minimum Wages Act, 1948
- vi) The Environment (Protection) Act, 1986
- vii) The Forest Conservation Act, 1980
- viii) The Air (Prevention and control of Pollution) Act.1981 & Water(Prevention and Control of Pollution) Pollution Act 1974.
- ix) The Mines Rules, 1952
- x) The Metalliferous Mines Regulations, 1961
- xi) The Mines Vocational Training Rules, 1966
- xii) The Mines & Minerals (Development & Regulation) Act, 2015
- xiii) The Minerals (Evidence of Mineral Contents) Rules, 2015
- xiv) The Minerals (Other than Atomic and Hydro Carbons EnergyMinerals) Concession Rules, 2016
- xv) The Mineral Conservation & Development Rules, 2017
- xvi) The Fatal Accident Act, 1985
- xvii) The Motor Vehicles Act, 1939
- xviii) The Industrial Dispute Act, 1947
- xix) The Standing Orders Act, 1946
- xx) The Employees Provident Fund & Miscellaneous Provision Act, 1952
- xxi) The Employee State Insurance Act,1948
- xxii) R.T.P.P. Act

4.33 All persons other than his regular employees engaged by the Contractor in connection with the performance of the contract shall be deemed as his employees for purposes of payment/remuneration employees and no claim shall lie against the company in respect of delay, deduction and non-payment of wages and /or remuneration/ compensation by the Contractor to them.

4.34 The Contractor shall take all necessary steps and precautions to ensure that his workers and employees (including deemed employees) engaged for the work under the terms of the contract shall work within the mines in accordance with the provisions of the Mines Act, 1952 and Rules and Regulations framed there under and shall also maintain necessary records and registers as required under these provisions and shall be responsible to the Engineer-in-Charge in this regard. The Contractor shall perform the work under this contract in accordance with all- applicable codes, statutory regulations and engineering/ mining practice. The Contractor shall be required to ensure vocational training to his workmen before they are put to work as required under Mines Vocational Training Rules, 1966.

## **COMPENSATION AND LIABILITY:**

- 4.35 In case of an accident in respect of which Workman's Compensation Act or Motor Vehicles Act, Fatal Accident Act or Mines Act etc. applies it shall be lawful for the Engineer-in-Charge to retain money out of due and payable amount to the contractor, such sum or sums of money as may in the opinion of the Engineer-in-Charge shall be final in regard to all such matters arising under this clause and the Contractor shall be bound by such decision of the Engineer-in-Charge.
- 4.44 The Company shall not be liable for or in respect of any damages or compensation payable as per law in respect of or in consequence of any accident or injury to any workman or other person in the employment of the contractor or any of his sub-contractor or third party etc. and the Contractor shall indemnify and keep indemnified the Company against all such injury, damages and compensation and against all claims, demands, proceedings, costs, charges and expenses, whatsoever in respect of or in relation thereto.

### **4.45 LIABILITY FOR ACCIDENT TO PERSONS:**

Besides the liabilities of the Contractor under the "Workmen's Compensation Act", Fatal Accident Act, M.V. Act, and "Mines Act", the following shall also apply to the Contractor. On the occurrence of any accident resulting in death or bodily injury to a workman employed/engaged by the contractor, the Contractor shall be liable for intimating within 8 (eight) hours of happening of such accident/s in writing to the Engineer-in-Charge the fact of such accident, besides taking immediate remedial measures. The Contractor shall indemnify the Company, against all claims/ compensation, loss or damage sustained by the Company resulting directly or indirectly from his failure to give intimation in the matter

aforesaid, including the penalties or fines, if any, payable by the company as consequences of workmen's Compensation Act, Fatal Accident Act, Motor Vehicle Act, Mines Act or otherwise to conform to the provisions of the said Act/s in regard to such accident.

### **4.46 FORCE MAJEURE:**

Neither the Contractor nor the company shall be considered to be in default in the performance of their respective obligations under this contract if such performance is prevented or delayed because of the conditions constituting force Majeure which shall include but not limited to notice/s from the Directorate of Mines Safety, other Statutory Authority, Civil Commotion, Fire accidents, epidemics, war, acts of God or because of any law, order, proclamation or ordinance of any Government or any authority thereof or forced stoppage of mining, loading operations, accumulation of stock of mineral, non-availability of mineral at mines and other places due to reasons like sand dune/storms/ other causes and for failure of transportation or for any other cause beyond reasonable control of the party affected, provided

notice of such cause is given in writing by the party affected within 14 days of the happening of the event. In case it is not possible to serve the said notice within the said period of 14 days then within the shortest possible period. Power cuts/ partial power failure/interruption shall not be construed as force Majeure for this purpose and the same shall not affect in any way the performance of the Contract. As soon as the cause of force Majeure has been removed, the party whose ability to perform its obligation has been affected shall notify the other of such cessation. Should one or both the parties be prevented from fulfilling their contractual obligations by state of force Majeure lasting for a continuous period of three months both the parties shall consult each other and decide about the future course of action regarding the contract.

**4.47 SERVICE OF NOTICE ON CONTRACTOR:**

Any notice hereunder may be served on the Contractor or his/its duly authorized representative at the work site or may be served by registered mail directly to the address furnished by the Contractor. Proof of issue of any such notices shall be conclusive of the fact that the Contractor having been duly informed of all contents therein. The contractor shall furnish to the Company, the name, designation and addresses of his/its authorized agent at the work site as well as Jodhpur.

**SERVICE OF NOTICE AND COMMUNICATION WITH THE COMPANY AND THE ENGINEER-IN-CHARGE:**

- 4.48 Notice and communication addressed to the Company or the Engineer-in-Charge, as the case may be, shall be deemed to have been duly delivered.
- (a) In the case of the Company, if dispatched by registered AD/Speed post to the Company's Group General Manager (Limestone), RSMM, 08, West Patel Nagar, Jodhpur and copy to authorized representative.
  - (b) In the case of the Engineer-in-Charge, if dispatched or left at or posted to the address of his/its authorized representative, in the case of posting on the day on which they would have reached such address in the ordinary course of business, and in other cases on the day on which they were delivered to or left at such address.
- 4.49 Notice and communication addressed to the Company shall be valid only if duly signed by the Contractor or his duly authorized partner or his principal officer acting for him on his behalf.

**TERMINATION:**

- 4.50 If the Contractor fails to execute the work or any part thereof with such diligence as will ensure its completion within the time specified in the contract, or extension thereof, or fails to complete the said work within such time or fails to perform any of his obligations under the contract or in any manner commits a breach of any of the provisions of the contract, it shall be open to the Company in its option, by written notice to the contractor: -

- (a) To determine the contract; in which event the contract shall stand terminated and shall cease to be in force and effect on and from the date notified by the company in this behalf, whereupon the contractor shall stop forthwith all or any of the contract work, then in progress and the Company may on its part, may take over the work remaining incomplete by the Contractor and the contractor and his sureties if any, shall be liable to the company for any excess cost occasioned by such take over and completion by the Company or by appointing any other agency over and above the rates of remuneration payable under the contract.
  - (b) Without determining the contract, to take over the work of the Contractor or any part thereof and complete the same through any other agency at the risk and cost of the contractor and the contract, and his sureties shall be liable to the company for any excess cost/ additional cost occasioned by such work having been so taken over and completed by the Company and/or through any other agency over and above the remuneration payable under the contract.
- 4.51 Before determining the contract, as aforesaid, and provided that, in the judgment of the company, the default or defaults committed by the contractor is or are curable or may be cured by the Contractor if any opportunity is given to him to do so, the Company may, by notice, in writing, call upon the Contractor to cure the default within such time as may be specified in the notice.
- 4.52 In the event of the Company proceeding in the manner herein above prescribed-
- (a) The whole of the Security Deposit furnished by the Contractor or retained by the Company shall be liable to be forfeited, without prejudice to the right of the Company to recover from the Contractor, the excess cost referred to aforesaid. The Company shall also have the right to take possession of the sites for completing the work or any part thereof, with any or all such materials, equipments, machinery tools and tackles belonging to the contractor, as may be deployed / used for the work.
  - (b) The money that may have become due to the Contractor on account of work executed by him/it's already shall not be payable to him/its until after the expiry of six calendar months reckoned from the date of determination of contract or from the taking over of the work or part thereof by the company as the case may be, during which period the responsibility for fully workmanship in respect of such work shall, under the contract rest exclusively with the Contractor and shall be subject to deduction of all amounts due from the Company to the Contractor, whether under the terms of the contract or otherwise, authorized or required to be recovered or retained by the Company.

4.53 The Company shall also have the right to proceed in the manner prescribed in sub- clauses above, in the event of the contractor abandoning the execution of the contract work for a continuous period of one month, or becoming bankrupt or insolvent, or compounding with his creditors or assignees the contract in favour of his creditors or any other person or persons, or being a firm or a corporation goes, into voluntary liquidation, provided that in the said event, it shall not be necessary for the Company to give any prior notice to the Contractor.

4.54 Termination of the contract as aforesaid shall not prejudice or affect the rights of the Company which may have accrued upto the date of such termination.

**4.55 DISPUTE, JURISDICTION:**

The place of the contract shall be Jodhpur (Rajasthan). In cases of any differences, the same shall be resolved by mutual discussions and agreement. However the decision of the Group General Manager (Limestone), RSMM, 08, West Patel Nagar, Jodhpur of the company shall be final and binding.

4.56 No courts other than the courts located at Jodhpur- Rajasthan shall have jurisdiction over any matter concerning any aspect of the work under this tender.

4.57 The contractor shall not stop or abandon the work due to and during the pendency of such disputes or differences.

**4.58 APPEALS:**

Subject to section 40, of Rajasthan Transparency in Public procurement Rules 2013 if any bidder or prospective bidder is aggrieved that any decision, action or omission of the procuring entity is in contravention to the provision of this act or the rules or guidelines issued there under , he may file an appeal to designated First and Second Appellate Authority within a period of ten days from the date of such decision or action, omission as the case may be clearly giving the specific ground on which he feel aggrieved on the form no. 1 (see rule 83) – Memorandum of Appeal under the Rajasthan Transparency in public procurement Act -2012 with prescribed fees.



## **SECTION-5**

### **SPECIAL CONDITIONS OF CONTRACT (SCC)**

#### **5.00 APPLICABILITY:**

These terms and conditions are in addition to the General terms and conditions specified in earlier Sections of this tender document. These special terms and conditions as detailed in this section in the following clauses shall prevail upon the General terms & conditions, should there be any discrepancy or conflict or contradiction between the two.

#### **5.01 INTRODUCTION :**

The Company is involved in the mining, beneficiation, processing and marketing of various minerals like Phosphate, Limestone, Gypsum, Selenite and Lignite etc.

#### **LOCATION AND ACCESSIBILITY OF SITE:**

RSMML is operating two mines namely Sanu-I (27/1996) and Sanu-II(ML 01/1997) Limestone Mines.

Both leases is situated Near Village- Sanu in Tehsil- Ramgarh, District-,Jaisalmer.It is about 58Km from Jaisalmer City(Rajasthan)on Jaisalmer-Ramgarh NHAI-68.

#### **5.02 Pre-qualification criteria**

Tenderer shall be pre-qualified on the basis of the following criteria:

- a) The tenderer should have minimum turnover of Rs. 1.50 Lac in any one of the immediate three preceding financial years 2019-20, 2020-21 and 2021-22 in its own name.
- b) The tenderer should have experience of at least one successful Drone survey of Category 'A' Mines as per standard operating procedure under sub rule 5 of Rule 34 A of MCDR 2017.
- c) Drones used for the survey should be DGCA approved and should possess mandatory safety features as notified by DGCA from time to time.
- d) Undertaking on non-judicial stamp paper of Rs. 50/- in support of that "Drone Agencies is to adhere to all the rules, regulation, guidelines etc. notified by Directorate General of Civil Aviation (DGCA) from time to time. Drone Survey must be conducted as per rules prescribed by the Ministry of Civil Aviation. The survey will be with compliances of all the applicable rules and guidelines".

The tender shall be pre-qualified on the basis of documents furnished along with Techno-commercial bid in support of above. The decision of the company will be final and binding in this regard.

It is to be noted that, in case of Company registered under Companies Act, turnover of the Company shall only be considered. The Company reserves its right to call for any additional information so as to check the eligibility of the tenderer.

Joint ventures/consortium /partnership are allowed to participate in this tender subject to the jointly/severely responsibility, in such cases the turnover of partners/members should be considered.

The price bid of only those bidders shall be opened who qualify in technical bid as per criteria laid in tender & only qualified bidders will be informed about price bid opening.

The tenderer/bidder who has earlier been suspended or banned or whose contract has been terminated including those against whom any FIR has been lodged by the by Company and is pending on the date of opening of techno-commercial bid shall not be eligible to participate in this tender.

Offers furnished through any other mode shall not be considered. RSMML will not entertain any claim on account of postal delay/non-receipt. It also reserves the right to reject/cancel any or all tenders without assigning any reason whatsoever.

The company reserves the right to accept or reject or cancel any or all tenders without assigning any reason whatsoever. Also the company does not bind itself to accept the lowest price offer. The company shall not be responsible for any postal delay in submission of required documents in original as required in tender. The RSMML will not entertain any claim on account of late receipt/postal delay /non- receipt of tenders

### **5.03 CRITERIA FOR DECIDING LOWEST TENDERER:**

The lowest quoted rate offered in totality for complete scope of work as mention in tender document i.e. minimum for sum of Sanu –I and Sanu –II for both financial year 2023-24 & 2024-25 as mentioned in the price bid format (Minimum Sum of Row A, B,C & D i.e. E).

#### **PRICE NEGOTIATION**

- i. Negotiations will be conducted with the lowest tenderer only. In case of non- satisfactory achievement of rates from lowest tenderer, RSMML may choose to make a written counter offer to the lowest tenderer and if this is not accepted, RSMML may

decide to reject and re-invite fresh tenders or to make the same counter-offer first to the second lowest tenderer, then to the third lowest tenderer and so on in the order of initial bidding, and work order be awarded to the tenderer who accepts the counter offer.

- ii. In the case, when the quotations given by the tenderer during negotiations is higher than the original quotation of the tenderer then the tenderer will be bound by the lower rate originally quoted by the tenderer.
- iii. In case of negotiations, representative of the tenderer attending negotiations must possess written authority from the tenderer to the effect that he is competent to modify/amend the submitted tender deviations and rates offered by them

**5.04            DETAILS TO BE FURNISHED AT THE TIME OF  
COMENCEMENT OF WORK:**

Following details are required to be furnished by the successful tenderer to the Engineer-in-Charge before the commencement of work:

- I    Details & authorization of the personnel who will be engaged for execution of work.
- II   List of equipment/machinery etc. along with its technical specification/Purchase Invoices/ Registration Certificates & comprehensive insurance policy.

**5.05            LIABILITIES IN RESPECT OF CONTACTOR'S MACHINERY ETC.:  
FIRE EXTINGUISHERS:**

Equipments deployed for the contractual work shall be fitted with fire extinguisher/s include refilling if any, of a type approved by the DGMS. The company may not allow deployment of any equipment not fitted with such an automatic fire extinguisher in proper working order. The contractor shall take all reasonable precautions to prevent fires of any nature in general

& particular in vicinity of his operations shall be responsible for all damages from fires directly or indirectly due to his own activities or to those of his employee or to the activities of its agents or its employees.

**5.06            DUST SUPPRESSION:**

The contractor shall have to take effective measures at its own cost and expenses for suppression of dust generated during the process of survey and Pitting/Trenching operation in the working areas by means of water sprinkling, or any other suitable method, etc. so that the dust concentration in such places do not exceed the limits prescribed under the MMR, 1961/Air (Prevention & Control of Pollution) Act 1981. For this purpose, the contractor will ensure that all dust generation points in the working areas are fully suppressed and so designed and operated so as to ensure dust concentration in air within the limits prescribed under mining & environment

laws, including circulars issued from time to time for the purpose by DGMS office, Ministry of Environment & Forest and Rajasthan State Pollution Control Board. In case of failures of the contractor to ensure dust suppression as required above, the Company may make such arrangements for dust suppression at risk and cost of contractor, apart from taking other actions as per the contract.

**5.07 NOISE LEVEL:**

The noise level of any machine (as measured inside the operator's cab or in nearby areas) shall not exceed the standard prescribed in the MMR-1961 and DGMS circular issued in this regard. The Company may stop operation of any machine the noise level of which is found to be above the prescribed limit.

**5.08 OTHER RESPONSIBILITIES OF CONTRACTOR:**

- a) The contractor shall be responsible for providing shelter, accommodation, drinking water, medical aid etc to his /their employees at his own cost.
- b) The contractor shall be responsible for providing tools, tackles, implements etc. required for accomplishment of work.
- c) The contractor shall be responsible & liable for any accident & /or damage to equipments ,employees or any other third parties at the mine in course of performance of the job under this contract & consequence claims .
- d) The contractor shall have to arrange fuel, lubricants etc. & power required for carrying out the work as required herein.
- e) The contractor alone shall be responsible & liable for payment of wages, charges etc in discharge of legal obligation in respect to staff employed by him at all times during the contract & termination /completion of the contract.
- f) The contractor shall be fully responsible for any litigation on account of pollution due to drone survey & abide pollution control norms.
- g) The contractor shall be responsible for safety, watch & ward etc. of the companies' properties under the possession of the contractor if any.
- h) In case of break down or default of any equipment /machine, same shall be repaired or replaced by the contractor immediately within 72 hours, failing which the company may carry out the work at the risk & cost of the contractor along with the 10 % service charges thereof and same shall be recovered from the running bills and / or security deposit (SD) amount lying with the company.

**5.09 SCOPE OF WORK:**

Drone survey of lease area and upto 100 meter outside the lease boundary of Sanu-I (ML No. 27/1996) and Sanu-II (M.L.01/1997) Limestone Mines, Tehsil Ramgarh ,District Jaisalmer, Rajasthan(as per Ministry of Mines Notification dated 03 rd November 2021) and submit processed output (digital elevation model(DEM) and Orthomosaic )images obtained from such survey as specified in accordance with the manual prescribed by the Indian Bureau of Mines and its approval from concerned Regional Controller of Mines, Indian Bureau of Mines, Government of India for the year 2023-24 & 2024-25. The time schedule and scope of work shall be as under:-

**(A) For Sanu-I mine for Financial Year 2023-24**

S. No.	Work	Tentative Time Schedule from date of DLOA	Payment Schedule
1	Drone survey of lease area and upto 100 meter outside the lease boundary of Sanu-I (ML No. 27/1996) for year 2023-24	60 days Including mobilization period	50% on submission of Drone survey reports and images as per scope of work
2	As per scope of work	.....	50% on approval & Acceptance of drone survey reports and images as per scope of work by IBM

**(B) For Sanu-II mine for Financial Year 2023-24**

S. No.	Work	Tentative Time Schedule from date of DLOA	Payment Schedule
1	Drone survey of lease area and upto 100 meter outside the lease boundary of Sanu-II (ML No. 01/1997) for year 2023-24	60 days Including mobilization period	50% on submission of Drone survey reports and images as per scope of work
2	As per scope of work	.....	50% on approval & Acceptance of drone survey reports and images as per scope of work by IBM

( C ) For Sanu-I mine for Financial Year 2024-25

S. No.	Work	Tentative Time Schedule from date of DLOA	Payment Schedule
1	Drone survey of lease area and upto 100 meter outside the lease boundary of Sanu-I (ML No. 27/1996) for year of 2024-25.	Within 60 days from April 2024	50% on submission of Drone survey reports and images as per scope of work
2	As per scope of work	.....	30% on approval & Acceptance of drone survey reports and images as per scope of work by IBM
3	At the time of final bill, on completion of all formalities as per tender for closure of contract.	.....	20%

( D ) For Sanu-II mine for Financial Year 2024-25

S. No.	Work	Tentative Time Schedule from date of DLOA	Payment Schedule
1	Drone survey of lease area and upto 100 meter outside the lease boundary of Sanu-II (ML No. 01/1997) for year of 2024-25.	Within 60 days from April 2024	50% on submission of Drone survey reports and images as per scope of work
2	As per scope of work	.....	30% on approval & Acceptance of drone survey reports and images as per scope of work by IBM
3	At the time of final bill, on completion of all formalities as per tender for closure of contract.	.....	20%

- i. Overall survey of the mines for monitoring of the mining and allied activities in and around the mining area.
  - ii. Lease boundary demarcation using the Ground Control Points (GCPs) and geo-referencing of the leases.
  - iii. Volumetric estimation of excavation showing all pits, reclamation and stock piles.
  - iv. Monitoring of land use and environmental impact in and around mining area.
  - v. Preparation of contour survey and survey map showing all existing pits, road & surface features for filing to various regulatory agencies as well internal use of the industry.
  - vi. Generate point clouds, digital surface models, digital terrain models and a 3D construction of mining site, including stockpiles & create a digital data base.
- 5.09.1 The camera used in the Drone should be of minimum 20 mega pixel or above resolution RGB camera with capability to capture high quality undistorted pictures. Camera should have the resolution to capture the images less than 5 cm Ground Sample Distance (GSD) or 5 cm per pixel. The Resolution of Digital Elevation Model (DEM) should be 15 cm per pixel or better.
- 5.09.2 Ensure the generation of a height model photogram metrically (e.g. Digital Surface or Digital Terrain model, DSM & DTM), images should be acquired with proper overlap. The Drone survey should be planned in such a way that the forward (front) overlap should be minimum 80% and lateral (side) overlap should be minimum 70%.
- 5.09.3 The Flying Height of the Drone should be as per DGCA prescribed limits, however, the resolution of the Drone image should be very high i.e. up 5cm GSD or 5cm per pixel or better. Camera angle nadir direction should be vertically downwards (90-degree angle) while carrying out survey
- 5.09.4 Before undertaking Drone Survey, each mine/block must establish at least five GCPs per sq. km. of lease area or part thereof with calibrated/certified DGPS instrument. If the area is less than one sq. km. the minimum GCPs required shall be four nos. The GCPs should be well distributed all over the Survey area. GCP must be easily visible in the images obtained from Drone survey. The Dimensions of GCPs thus established should be minimum 50 cm by 50 cm (marked as X with high contrast colours). At least three permanent GCP shall be placed at undisturbed locations and has to be covered in the subsequent surveys to cross check the error in change detection and other analysis. The error of GCP should be less than 5 cm. The Boundary pillars should not be considered as permanent ground control points.

- 5.09.5 The Drone survey shall be carried out in better light condition when the sun is overhead to minimize the shadows in photographs and it is also suggested to avoid partly cloudy days and high winds.
- 5.09.6 The Co-ordinate reference system to be used for acquiring the Drone survey images will be Geographic Coordinate System (GCS) with WGS84 Datum and Decimal Degrees / Degree Minute Seconds as units. The ortho-mosaic shall be submitted in the Universal Transverse Mercator (UTM) with WGS-84 datum and units as Meters. The GCPs survey data and boundary pillar coordinates data shall be submitted in latitude and longitude (Deg. Min. Sec.) format in WGS 84 datum. The precision of the data submitted in GCS with WGS84 Datum should be in the format as (DD MM SS.SSSSSS)".
- 5.09.7 Contractor shall submit processed output images obtained from drone survey in hard & soft copy. The contractor shall keep the raw and processed data of each survey in safe custody with them for a minimum period of five years and if at any stage the raw and processed data are required for verification purpose then the same will be made available.
- 5.09.8 Contractor shall abide all the guidelines, procedures, obtain statutory permissions from different Govt bodies(State/Central) before commencement of work and submit output data as per the standard operating process on their own cost as attached with tender at Annexure –E.
- 5.09.9 Drone survey will be carried out in month of April or May every year (2023-24 and 2024-25)

**5.10 MOBILISATION & COMMENCEMENT OF WORK:**

- 5.10.1 The period of contract shall be Two years from the date of issuance of Letter of Acceptance (LOA). In the event of the award of the contract, the consultant shall have to commence the work immediately within 15 days from the date of issue of Letter of Acceptance (LOA). Consultant shall have to mobilize their equipments/ manpower/resources for commencement of work within 15 days from the date of acceptance of its offer. If required, contract may extend for further one month period.
- 5.10.2 In exceptional circumstances & at its sole discretion, the company may extend the mobilization period if so requested by the consultant. In case of failure to commence the work within the stipulated period, the company shall have absolute discretion to withdraw the letter of Acceptance and forfeit the Bid Security Money deposit.
- 5.10.3 The tenderer should get all statutory/other clearances/NOC from the all concern authorities from State as well as central before



commencement of work or during execution of work.

**5.11 Compensation for Delay in Commencement & Completion of work:**

**a. For Delay in Commencement**

Compensation @ 0.5% of the total contract value on weekly basis (beyond 15 days from the date of DLOA) with maximum up to 2 % of the contract value may be levied in case; Consultant fails to commence the work within scheduled period, of issuance of LOA/DLOA. If the delay is on the account of consultant is more than 6 weeks then the company may withdraw the letter of acceptance and forfeit the Bid Security Money & /or security deposit (SD) also.

**b. For Delay in Completion of work**

In case of failure to complete the work as per given tentative time schedule from the date of DLOA in totality then the company shall have absolute discretion to levy predetermined compensation @ 1% of the total contract value on 15 days basis with maximum up to 2% of the contract value, if the delay in completion of work is on the account of consultant is more than one month then the company may also forfeit the security deposit (SD).

**5.12 Right to review Performance:**

5.12.1 The Company reserves its rights to review and assess performance of work at any time during the contract period. In case of poor or unsatisfactory performance and/or breach of any terms and conditions of the contract, the company in its absolute right and discretion may take appropriate action including termination of the contract.

5.12.2 The company shall have absolute right to determine and ascertain the damages or losses suffered by it due to poor performance or breach of the terms and recover the costs thereof from the consultant from the security deposit or any sum due to the consultant from the company. The Company shall also have absolute right to get the work done from any other agency at the risk and cost of the consultant, in case, the consultant fails to perform the work.

**5.13 Consultant's Remuneration:**

5.13.1 The consultant, in view of the services rendered for the work under scope of work and in view of terms and conditions mentioned herein shall be entitled to get remuneration. Accepted rate shall be considered as the rate of remuneration to the consultant.

5.13.2 The schedule of rates or contract rate or rate of remuneration shall include an indemnity to the company

which the consultant hereby gives against all actions, proceedings, claims, damages, costs & expenses arising from the incorporation in or use on the works of any such articles/processes or materials, equipment or machinery to be brought to the site for use on work, shall borne by the consultant.

5.13.3 Without in any way limiting the provisions of the proceeding ,sub clause, the schedule of rates or rate of remuneration shall be deemed to include & cover the cost of all inputs for the works or otherwise, also all rents,& other payments for the works, all equipments, temporary works, materials, labour, insurance, fuel, stores & appliances to be supplied /deployed by the consultant & all other matters in connection with each item in the schedule of work & the execution of the work or any portion thereof finished complete in every respect & maintained as shown or described in the contract documents. The rate of remuneration shall be deemed to include & cover the risk of all possibilities of delay & interference with the consultant's conduct of which occur from any cause including orders of the company in the exercise of his/its powers & on account of extension of time granted due to varies reasons & for all other possible or probable cause of delay/s in execution of this work by the consultant. The consultant shall not be entitled to raise any claims &/ or dispute on account of any rise in the price of stationery, equipment/s, spares, statutory or otherwise on any ground or reason or account of whatsoever.

**5.14 Terms of Payment (Billing):**

- 5.14.1 Remuneration is to be paid by the company to the consultant as per schedule given at clause 5.09.
- 5.14.2 For payment purpose the consultant shall raise the bills on completed of each part of work, to receive its remuneration from the office of the Group General Manager (Limestone), 8, West Patel Nagar, Jodhpur & the bills shall be duly verified by the concerned Officer In-charge in respect of the work that it is being/has been carried out as per terms & conditions of the contract. The contractor shall submit an undertaking with monthly bills bearing GSTIN and HSN/SAC code that "total GST has been deposited and returns have been filed for relevant tax period."
- 5.14.3 The rate as accepted by the company & governed as per the LOA/DLOA alone shall be considered for billing purpose. The company shall be deducting applicable taxes as prevailing, from the bills of the consultant.
- 5.14.4 Payment of the bills shall ordinarily be released within 15(fifteen) days from the date of receipt of bill at SBU-PC (Limestone) office Jodhpur.

- 5.14.6 Payment of the bills shall ordinarily be released within 15(fifteen) days from the date of receipt of bill at SBU-PC (Limestone) office Jodhpur.
- 5.14.7 20% payment of as per clause no. 5.09 and Security deposit will be released on closure of contract with due approval of the competent authority of the company.

**5.15 OTHER ESCALATION:**

Apart from above no other escalation shall be payable to the contractor during the currency of the contract.

**5.16 RUNNING ACCOUNT PAYMENTS TO BE REGARDED AS AN ADVANCE:**

- 5.16.1 All running account payment (progressive payment) shall be regarded as payments by way of advance against the final payment only and not as payments for work/s actually done and completed.
- 5.16.2 The final bill shall be submitted by the contractor within 70 (Seventy) days from the date of his request for the completion certificate of the work, otherwise the Engineer-in-Charge's certificate of the measurement and of total amount payable for the work accordingly shall be final and binding on the Contractor.

**5.17 RECEIPT OF PAYMENT:**

Receipt of payment made must be signed by a person authorized holding power of attorney in this respect on behalf of the contractor.

**5.18 WITHHOLDING PAYMENT TO CONTRACTOR AND COMPANY'S LIEN ON MONEYS DUE TO THE CONTRACTOR:**

- 5.18.1 Progressive payment at any time may be withheld or reduced if, in the opinion of the company the Contractor is not diligently and efficiently endeavoring to comply with the terms of the contract. If the Contractor fails to pay his labour, for material and other bills as they become due. The company shall in no way be responsible for such withholding of payments.
- 5.18.2 The company shall have lien on all amounts that may become due and payable to the Contractor under this or any other contract or transaction of any nature whatsoever between the Company and the Contractor and the security deposit, bank guarantee etc. furnished by him under the contract for or in respect of any debit or sum that may become due and payable to the Company by the contractor either alone or jointly with any other or others either under this or any other contract or transaction of any nature whatsoever between the

Company and the Contractor, unless the contractor pays and clears the claim in full immediately on demand to the company.

**5.19 CLOSING OF THE CONTRACT:**

Within 70 (Seventy) days of the completion of the work in all respects, as defined in the contract document, the Contractor shall be required to obtain completion certificates as to the completion of work from the Engineer-In- Charge.

**5.20 APPLICATION FOR COMPLETION CERTIFICATE:**

5.20.1 When the Contractor fulfils all his / its obligations under the contract to the satisfaction of Engineer-In-Charge and subject to terms & conditions of the contract he/it shall be eligible to apply for completion certificate.

The application along with following documents and any other document/ information etc. as required by the Engineer-In-Charge for his satisfaction, are required to be submitted to the Engineer-In-Charge.

- (i) Obtain No Dues certificate from concerned Mines Manager/CEU-Incharge.
- (ii) Contractor shall submit the No claim in favour of company that No claim has been due towards the company and he will not claim any dues after the closure of the contract.
- (iii) Indemnification Bond of appropriate value on Non-Judicial stamp paper.
- (iv) A certificate to the effect that no outstanding claims/ payments are due to the persons employed by the contractor or his sub-contractor.
- (v) Details of PF deposited.
- (vi) Two sets of Statement of reconciliation of payment of progressive bills & recovery if any.
- (vii) Certificate of satisfactory execution of the contract from the Engineer-In- Charge.

5.20.2 The Engineer-In-Charge shall formally issue completion certificate within 60 (Sixty) days on receiving application from the Contractor, after verifying from the completion documents including measurement record etc and satisfying himself that the work has been completed in accordance with all the provisions of this contract and as set out in the drawings/ specifications etc and instructions issued to the Contractor by the Company and the DGMS or other statutory authority from time to time.

5.20.3 The contractor, after obtaining the completion certificate, is eligible to present the final bill for the work executed by him/it under the contract. The final bill shall be submitted by the contractor within 15 days from the date of issue of completion certificate, otherwise the Engineer-In-Charge's

Certificate of the measurement and of total amount payable

for the work accordingly shall be final and binding on the contractor.

**5.21 FINAL CERTIFICATE:**

Upon expiry of the period of liability and subject to the Engineer-In-Charge being satisfied with the work or works having been duly performed by the Contractor and the Contractor having fulfilled all his obligations under the contract, the Group General Manager(Limestone), 8, West Patel Nagar, Jodhpur shall give a certificate hereinafter referred to as the 'Final Certificate' and the contractor shall not be considered to have fulfilled all of his/its obligations under the contract until Final Certificate shall have been given by the Group General Manager(LS).

**5.22 FINAL PAYMENT AND RELEASE:**

- 5.22.1 On completion of the work and issuance of completion certificate, the contractor shall submit his / its final bill indicating the gross and net amount payable. On receipt of this, the Company shall verify the same, determining the total value of the work done of the contract and after deducting all the sums already paid to him/it and/due to the company on any account and such further sums as the company on any account and such further sums as the company is already authorized or required to reserve or retain on the terms of the contract or otherwise, make over to the contract as his final payment subject to the Contractor furnishing a certificate to the effect that he has no further claim of whatsoever nature or description on the Company.
- 5.22.2 All prior certificate quantities, claims etc. upon which running account payments may have been made, shall be subject to adjustment in Final bill.
- 5.22.3 No claim shall be made or be filed by the contractor and the company shall not be liable to pay any money to the contractor, except as specially provided for in the contract. Acceptance by the contractor of the final payment as aforesaid shall operate as estoppels and shall be, a release to the Company from all claims and liability to the contractor in respect of anything done or furnished by the contractor for or in relation to the work, or in respect of any act or omission of the company or the Engineer-in-charge or any other person relating to or effecting the work.
- 5.22.4 Final payment including the security deposit will be released to the contractor only on furnishing the Final Certificate by him/ it within one month.

**5.23 UNDERTAKING:**

I/We have carefully gone through & fully understood all above special terms and conditions dealt in various chapters of this section of tender spelt out in various chapters, clauses, sub-clauses etc. and these are acceptable to me/us.

For and on behalf of the  
tenderer

(Signature of tenderer with  
seal)

Date:  
Place  
:

**FORM-I**

**LETTER OF SUBMISSION OF TENDER**

DATE: .....

FROM,

.....  
.....  
.....

To,  
The Group General Manager (Limestone),  
SBU & PC-Limestone,  
8, West Patel Nagar, Jodhpur -342001(Raj.)

Sub: Drone survey of lease area and upto 100 meter outside the lease boundary of Sanu-I (ML No. 27/1996) area100hecate and Sanu-II (M.L.01/1997) area998.40hectare Limestone Mines, Tehsil Ramgarh ,District Jaisalmer, Rajasthan(as per Ministry of Mines Notification dated 03 rd November 2021) and submit processed output (digital elevation model(DEM) and Orthomosaic )images obtained from such survey as specified in accordance with the manual prescribed by the Indian Bureau of Mines and its approval from concerned Regional Controller of Mines, Indian Bureau of Mines, Government of India for the Year 2023-24 & 204-25.

Ref: Tender No. RSMM/SBU&PC-LS/GGM(LS)/CONT-06/2022-23 **Dated: 14/03/2023**

Dear Sir,

1. I/We possessing requisite competence, resources, experience, skill & expertise, hereby-tender my/our offer for execution of the above work as mentioned in the tender document. I/We have carefully examined the documents connected with the above-mentioned work and agree to abide by the same.
2. I/We agree to complete the contract at the schedule of rates quote by me/us for the work in accordance with all the terms & conditions of the Tender Document.
3. It is expressly understood by me/us that the time is the essence of the contract. I/We agree to complete the contract as per terms and conditions as mentioned in the tender document. In case of failure on my /our part. I/We shall pay compensation to the Company as per the provisions and stipulated as contained in the terms and conditions of the tender documents.
5. In the event of acceptance of our tender, I/ We hereby agree to abide by and fulfill all terms and conditions referred to in the tender document including price offer and in case of any default thereof the company shall have the right to forfeit the Earnest Money amount and/or security deposit,

or pay to the company or its successors or its authorized nominee such sums of money as stipulated in the conditions contained in the tender documents.

6. I/We enclose documentary proof of all requisite documents as specified in the tender document.
7. I/We am/are fully aware of the statutes/ laws/rules in connection with working at the site.
8. I/We agree to abide by the applicable statutory provisions.
9. I/We hereby confirm that Price Bid (Part-II) of the tender contains no stipulation.
10. I/We agree to accept the decision of the company in respect of pre-qualification of my/our offer.
11. I/We hereby declare that the decision of the RSMML management in selection/rejection of the tender/contractor shall be acceptable and binding on me/us.

Date, The \_\_\_\_\_ day of, \_\_\_\_\_ 20\_\_.

**Signature of tenderer/(s)  
with seal**

Witness Name in Block Letters: \_\_\_\_\_  
Full

Address \_\_\_\_\_



**FORM-II**

(On the letterhead of the tenderer)

**CHECK LIST TO BE ENCLOSED WITH 'TECHNO-COMMERCIAL (PART-I) BID'**Tender No. RSM/SBU&PC-LS/GGM (LS)/CONT-06/2022-23 **Dated: 14/03/2023**

Name of Tenderer \_\_\_\_\_

The Check List should be enclosed along with TECHNO-COMMERCIAL (PART-I) BID' in the Performa given below: -

1.0	Status of tenderer:	
	Individual	
	Proprietorship Firm:                      attested Attach duly affidavit in support of your status.	
	Partnership Firm: Attach copies of Partnership Deed.	
	Co-operative Society registered under RC Act- 1965 Attach duly attested copies of Registration Certificate, Bye laws, list of Members & list of Managing Committee.	
	Private Limited Company, Attach duly attested list of Directors & copies of Registration Certificate, Memorandum and Articles of Association. In case of Limited Companies, the Article of Association & Memorandum of Association are needed with special indication that the said Article of Association Memorandum of Association allow the Company to take subjected contract work and it is not ultra-virus &	
	Private Limited Company, Attach duly attested list of Directors & copies of Registration Certificate, Memorandum and Articles of Association. In case of Limited Companies, the Article of Association & Memorandum of Association are needed with special indication that the said Article of Association Memorandum of Association allow the Company to take	

	subjected contract work and it is not ultra-virus &	
	Public Sector Undertaking (Attach supporting documents duly attested)	
	Others (Please specify) – Attach duly attested supporting documents.	
2.0	Details of Tender DD No. document fees and Name of Bank	DD No. and Name of Bank
3.0	Power of Attorney/ Board Resolution in favour of the authorized representative signing the tender.	
4.0	Turn over during last 3 financial years.	
	(2021-22)	
	(2020-21)	
	(2019-20)	
5.0	Duly attested copies of Audited balance sheets /Attested Balance Sheets by chartered accountant & P&L accounts of above financial year in support of turnover.	
6.0	Main business activities (experience) of the tenderer	
7.0	Details of present commitments.(Form III)	
8.0	Whether the tenderer has proposed any addition/ modification/ deviation to the terms & conditions of the tender.(Exception/Deviation) (Form IV)	Note: If yes, please provide details as per Exceptions and Deviations statement
9.0	The Tenderer/ Bidder would give a declaration that they have not been banned / suspended or de- listed by RSMML. If this declaration is not given, the bid will be rejected as non-responsive.(Annexure-I)	
10.0	Affidavits on non-judicial stamp paper that tenderer is not having or had any litigation with the Company, if any, give details.	

	(Annexure-I)	
11.0	Bid Security DD Number and Details	
12.0	PAN no.	
13.0	PF account No. with copy of registration/ Affidavit in support of PF (Annexure-II)	
14.0	Goods and Service Tax Registration No.	
15.0	MSMED Registration details	
16.0	Any other information	
17.0	FORM I to IV submitted	
18.0	Annexure I, II ,Annexure B & Annexure -E	

Date: .....  
Place-----

**Signature of tenderer/(s)  
with seal**

**FORM-III****(On the letterhead of the tenderer)****DETAILS OF EXPERIENCE**Tender No. RSMM/SBU&PC-LS/GGM(LS)/CONT-06/2022-23 **Dated: 14/03/2023**

NAME OF TENDERER: .....

Tenderer will give information of the similar work done during immediate 03 preceding years as per the Performa given below:

Work order No.	Full particulars of similar work carried out by the tenderer	Period	Value of contract (break up during immediate three preceding years)	Number of projects taken up during immediate three preceding years	completion time (months)	Penalty or liquidated damages Paid (if any)
1	2	3	4	5	6	7

It is certified that the above information is correct.

**Date:**  
**Place:****Signature of tenderer(s)**

**FORM-IV**

**RAJASTHAN STATE MINES AND MINERALS LIMITED**  
(A Government of Rajasthan Enterprise)

**EXCEPTIONS AND DEVIATION**

Tender No. RSMM/SBU&PC-LS/GGM(LS)/CONT-06/2022-23 **Dated: 14/03/2023**

NAME OF TENDERER:

.....

Tenderer may stipulate here exceptions and deviations to the tender conditions. If considered unavoidable.

No.	Page No. of tender document	Clause No. of tender document	Subject	Deviation

Signature of tenderer/(s)  
with seal & date

**RAJASTHAN STATE MINES AND MINERALS LIMITED**  
(A Government of Rajasthan Enterprise)

**PROFORMA FOR 'PRICE BID'**

This part of tender should contain the '**PRICE BID**' only and should be submitted in a separate sealed envelope superscripting on the envelope the Tender No., Name and Address of the tenderer and indicating in bold letter '**PRICE BID**' only. The Price Bid should be submitted, strictly in performa as given below: -

1. Name of Tenderer: .....

2. Tender No. ....

S. No.	Brief Description of Work	Lease area	Rate in Rs. (In word & figure) (Exclusive of GST)
A	Drone survey of lease area and upto 100 meter outside the lease boundary of Sanu-I (ML No. 27/1996) Limestone Mines, Tehsil Ramgarh, District Jaisalmer as per scope of work for the year 2023-24	Sanu-I- (1000 hectare)	
B	Drone survey of lease area and upto 100 meter outside the lease boundary of Sanu-II (M.L.01/1997) Limestone Mines, Tehsil Ramgarh, District Jaisalmer as per scope of work for the year 2023-24	Sanu-II- (998.40 hectare)	
C	Drone survey of lease area and upto 100 meter outside the lease boundary of Sanu-I (ML No. 27/1996) and Limestone Mines, Tehsil Ramgarh ,District Jaisalmer as per scope of work for the year 2024-25	Sanu-I- (1000 hectare)	
D	Drone survey of lease area and upto 100 meter outside the lease boundary of Sanu-II (ML No. 01/1997) and Limestone Mines, Tehsil Ramgarh ,District Jaisalmer as per scope of work for the year 2024-25	Sanu-II- (998.40 hectare)	
E	Sum of (A+B+C+D)		

**NOTE:**

- i) Tender rates must be entered in figures & words. In case of difference between the quoted rates in words and figures, the lower of the two shall be considered.
- ii) Rate quoted by the tenderer shall be inclusive of all taxes, duties, including cost of preparatory works, and finishing work etc. but exclusive of GST
- iii) The rate quoted will remain firm & fixed and exclusive of Goods and Service Tax (GST).
- iv) The requisite number of Reports, Documents, drawings and its printing as prepared by the Consultant shall be included in offered rate and no additional remuneration shall be paid.

Dated:.....-

Place: .....

**Signature of tenderer/s  
with seal & date**

**Annexure-I**

**AFFIDAVIT**

(On non judicial stamp paper of appropriate value)

Tender No. . RSMML/SBU&PC-LS/GGM(LS)/CONT-06/2022-23

**Dated: 14/03/2023**

Name of Tenderer.....  
I,.....S/o Shri.....aged.. Years,  
resident of..... on behalf of the  
tenderer i.e. M/s.....  
hereby undertake oath and state as under:-

- (1) I / We are not having or had any litigation with the RSMML/any other company in relation to the work. In case of litigation with RSMML or any other company, I/we hereby undertake that such litigation will not restrict me/us in smooth execution of tendered work.
- (2) That no FIR has been lodged by RSMML against us in any issue in the past; and if yes, then it has been favorably settled (proof enclosed).
- (3) I/We have not been banned /suspended /de-listed by RSMML.
- (4) I/We declare that I/We have not mentioned any exception /deviation of the tender conditions in our offer
- (5) I/We declare that price bid is in prescribed performa & no conditions are attached to it  
.Even if any conditions /s found, those would be ignored at the risk & cost of us &
- (6) That we are registered under MSMED Act & registration number of the firm is ..... (Copy enclosed) or that we are not registered under MSMED Act.
- (7) That in case of award of work in our favour a detailed monthly statement of expenses incurred by us for execution of work will be provided to company along with necessary supporting documents/ papers conforming that the expenses have been carried out for execution of work as per format given in tender document.
- (8) I/We do hereby declare that I/We have fully read and understood the purpose and contents of all the terms and conditions of this contract, nature, quantum, contract period and scope of work of the tender document and all terms& conditions of this tender and these are acceptable to we/us.
- (9) I/We do hereby declare that I/We have fully read and understood the provision of Rajasthan Transparency in public procurement Rules 2013 and all terms& conditions mentioned therein are acceptable to we/us.
- (10) I/we hereby declare that as on date no default has been made by us towards payment of GST and all returns up to the last date of submission of bid have been filled by us

Signature of Tenderer (s)(Authorized signatory)  
With seal

Place:Date:

**Annexure-II**

Tender No. . RSMM/SBU&PC-LS/GGM(LS)/CONT-06/2022-23 **Dated: 14/03/2023**

**Affidavit for PF declaration in support of  
tender(On Non-Judicial Stamp Paper of  
Rs. 50/-)**

I \_\_\_\_\_ S/O \_\_\_\_\_

age \_\_\_\_ Years \_\_\_\_ Resident of \_\_\_\_\_

On behalf of the tenderer i.e. M/S \_\_\_\_\_

Hereby take oath and state as under:

1. That I/we have submitted a tender for \_\_\_\_\_.
2. That I/we have gone through the terms & conditions of the tender document.
3. That the provisions of the EPF & MP Act, 1952 including subsequent & amendments & notifications in respect of employees engaged for the work are not applicable on me/us (i.e.the above tenderer / contractor).
4. That in case during the currency of the contract, I/we come under the purview of the EPF &MP Act, 1952 including subsequent & amendments & notifications in respect of employees engaged for the work, then I/we will get myself/ourselves registered with the concerned PF Commissioners.

Deponent  
(Authorized signatory)

**Verification**

I, the above mentioned deponent make oath and state that my above statement is true and correct to my personal knowledge that no part of it is wrong and that nothing material has been concealed. Sohelp me god.

Deponent

(Authorized signatory)



**Annexure-III**

**PROFORMA OF GUARANTEE BOND FOR SECURITY DEPOSIT**

(To be issued by a PSU Bank/ICICI/Axis/HDFC having its Branch office at Jodhpur on non-judicial stamp paper of 0.25% value of SD/BG amount subject to maximum amount of Rs 25000/-)

B.G. \_\_\_\_\_ Dated 00.00.2022

This Deed of Guarantee made between \_\_\_\_\_ a PSU Bank/ICICI/Axis/HDFC, having its registered office at \_\_\_\_\_ and its head office at \_\_\_\_\_ and wherever the context so required include its successors and assignees (hereinafter called the Surety/ Bank) AND Rajasthan State Mines & Minerals Limited, a company incorporated and registered under Indian companies Act, 1956, having its registered office at C-89-90, Lal Kothi Scheme, Janpath, Jaipur and Corporate Office at \_\_\_\_\_, 4-Meera Marg, Udaipur, SBU&PC-Limestone office at 8- West Patel Nagar, Jodhpur and wherever its context so required includes its successors and assignees (hereinafter called 'the company),

Whereas the company having agreed to exempt M/s \_\_\_\_\_ a company/ partnership firm \_\_\_\_\_ (address of registered/H.O.) where ever the context so require include its successors and assignees (hereinafter called the Contractor) from the demand under the terms and conditions of letter of intent no. \_\_\_\_\_ dated \_\_\_\_\_

\_\_\_\_\_ issued in favour of the Contractor and agreement dated \_\_\_\_\_ entered into between RSMML and M/s \_\_\_\_\_ (contractor), hereinafter called ' the said letter of intent/agreement' which expression shall also include any amendment, modification or variations thereof made in accordance with the provisions thereof, of cash security deposit for the due fulfillment by the said letter of intent/ agreement on production of unconditional and irrevocable Bank Guarantee for Rs. \_\_\_\_\_ (Rs. \_\_\_\_\_) being equivalent to \_\_\_\_\_ % of Contract value of Rs. \_\_\_\_\_.

1. We, \_\_\_\_\_ (Bank) do hereby undertake to pay to the company as amount not exceeding Rs. \_\_\_\_\_ against any loss or damage caused to or suffered or would be caused to or suffered by the company by reason of any breach by the said contractor of any terms and/or conditions contained in the Letter of Intent/ Agreement. The decision of the Company, as to any such breach having been committed and loss/ damage suffered to shall be absolute and binding on us.
2. We, \_\_\_\_\_ (Bank) do hereby undertake without any reference to the Contractor or any other person and irrespective of the fact whether any dispute is pending between the Company and the Contractor of the fact whether any dispute is pending between the company and the Contractor before any court or tribunal or Arbitrator relating thereto, to pay the amount due and payable under this guarantee without any demur, and/or protest merely on the very first demand from the Company stating that the amount claimed is due by way of loss or damage caused to or suffered by or would be caused to or suffered by the Company by reason of any breach by the said contractor of any of the terms and condition contained in the said Letter

of Intent/ agreement by reason of the said contractor's failure to perform the covenants contained in said letter of intent/ agreement. Any such demand made on the bank shall be conclusive absolute and unequivocal as regards the amount due and payable by the bank under this guarantee. However bank's liability under this guarantee shall be restricted to an amount not exceeding Rs..

3. We, \_\_\_\_\_(Bank) further agree that the guarantee herein above contained shall remain in full force and effect during the period that would be taken for the performance of the agreement and that it shall continue to be enforceable till all the dues of the company under or by virtue of the agreement have been fully paid and its claim/s satisfied or discharges or till the company certifies that the terms and the conditions of the said Letter of Intent/ agreement have been fully and properly carried out by the said contractor and

Accordingly discharges the guarantee, unless a demand or claim under this guarantee is made on the bank in writing on or before .....(Scheduled completion date plus six months), the bank shall be discharges from all liability under this guarantee thereafter unless otherwise further extended by the bank.

4. In order to give full effect to the guarantee herein contained the company shall be entitled to act as if, we (bank) are your principal debtor in respect of all your claims against the Contractor hereby guaranteed by us as aforesaid and we hereby expressly waive all our rights of surety-ship and other rights, if any which are in any way inconsistent and/or contrary to the above or any other provision of this guarantee, the bank's guarantee to pay hereunder will not be determined or affected by your proceeding against the Contractor and the bank will be liable to pay the said sum as and when demanded by you merely on first demand being made on the bank by you and even before any legal or other proceedings taken against the contractor. Any letter of demand delivered at the bank's above branch/divisional office or Jodhpur branch office under the signatures of the company's Financial Advisor and/or Group General Manager of SBU&PC-Limestone or any of the Directors shall deemed to be sufficient demand under this guarantee.

5. We, \_\_\_\_\_(Bank) further agree that the company shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said Letter of Intent/ agreement or to extent time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the company against the said contractor and to forbear or enforce any of the terms and conditions relating to the Letter of Intent/ Agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said contractor or for any fore bearance act, or omission on the part of the company or any indulgence of the Company to the said Contractor or by any such matter or things whatsoever which under the law relating to the sureties would but for this provisions have effect of so relieving us.

6. This guarantee herein contained would come into force from the date of issue and would not be affected by any change in the constitution of the contractor or ourselves or liquidation or winding up or dissolution or insolvency of the contractor not shall it be affected by any change in company's constitution or by any amalgamation or any absorption thereof or there with but shall ensure for and be available to and enforceable by absorbing or amalgamated company or concern till the payment or amount not exceeding Rs. 00/-is made by the Bank.

7. The guarantee will not be discharged or affected if the company holds/ obtain any other security/guarantee/ promissory note from any person and/or the contractor and this guarantee shall be in addition to any such guarantees.

8. We, \_\_\_\_\_(Bank) lastly undertake not to revoke this guarantee during this currency except with the previous consent of the company in writing.

9. The bank has power to issue this guarantee in favour of the Company and the undersigned has full powers to do so under power of Attorney dated granted to him by the bank.

10. For the purpose of enforcing legal rights in respect of this guarantee Jodhpur Courts in the state of Rajasthan alone shall have jurisdiction.

IN WITNESSETH I, HEREBY \_\_\_\_\_ SON OF-----  
(designation)\_\_\_\_\_ (branch) constituted attorney of the said bank  
have set mysignatures and bank seal on this guarantee which is being  
issued on non-judicial stamp ofproper value as per Stamp Act prevailing in  
the state of \_\_\_\_\_ executed at  
\_\_\_\_\_ this the \_\_\_\_\_ date of \_\_\_\_\_

**Compliance with the Code of integrity and No Conflict of Interest**

Any person participating in a procurement process shall:

- (a) not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process.
- (b) not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation.
- (c) not indulge in any collusion, Bid rigging or anti competitive behavior to impair the transparency, fairness and progress of the procurement process;
- (d) not misuse any information shared between the procuring Entity and the Bidders with an intent to gain unfair advantage in the procurement process;
- (e) not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process.
- (f) not obstruct any investigation or audit of a procurement process.
- (g) disclose conflict of interest, if any; and
- (h) disclose any previous transgressions with any Entity in India or any other country during the last three years or any debarment by any other procuring entity.

**Conflict of Interest:**

The Bidder participating in a bidding process must not have a Conflict of Interest.

A Conflict of Interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.

- i. A Bidder may be considered to be in Conflict of Interest with one or more parties in a bidding process if, including but not limited to:
  - a. have controlling partners/shareholders in common; or
  - b. receive or have received any direct or indirect subsidy from any of them; or
  - c. have the same legal representative for purposes of the Bid; or
  - d. have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or
- e. the Bidder participates in more than one Bid in a bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the Bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one Bid; or
- f. the Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the Goods. Works or Services that are the subject of the Bid; or
- g. Bidder or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as engineer-in-charge/consultant for the contract.

**Annexure-B**

**Declaration by the Bidder regarding Qualifications**

**Declaration by the Bidder**

In relation to my/our Bid submitted to ..... For procurement of ..... in response to their Notice Inviting Bids No. .... Dated .....

I/We hereby declare under Section 7 of Rajasthan Transparency in Public Procurement Act, 2012, that:

1. I/we possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity.
2. I/we have fulfilled my/our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the Bidding Document.
3. I/we are not insolvent, in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons.
4. I/we do not have, and our directors and officers not have, been convicted of any criminal offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding of commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;
5. I/we do not have a conflict of interest as specified in the Act, Rules and the Bidding Document, which materially affects fair competition;

Date

Place

Signature of bidder

Name:

Designation:

Address:

The designation and address of the First Appellate Authority is –

.....

The designation and address of the Second Appellate Authority is –

**(1) Filing an appeal**

If any Bidder or prospective bidder is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the Act or the Rules or the Guidelines issued there under, he may file an appeal to First Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be, clearly giving the specific ground or grounds on which he feels aggrieved:

Provided that after the declaration of a Bidder as successful the appeal may be filed only by a Bidder who has participated in procurement proceedings:

Provided further that in case a Procuring Entity evaluates the Technical Bids before the opening of the Financial Bids, an appeal related to the matter of Financial Bids may be filed only by a Bidder whose Technical Bid is found to be acceptable.

(2) The officer to whom an appeal is filed under para (1) shall deal with the appeal as expeditiously as possible and shall endeavor to dispose it of within thirty days from the date of appeal.

(3) If the officer designated under para (1) fails to dispose of the appeal filed within the period specified in para (2), or if the Bidder or prospective bidder or the Procuring Entity is aggrieved by the order passed by the First Appellate Authority, the Bidder or prospective bidder or the Procuring Entity, as the case may be, may file second appeal to Second Appellate Authority specified in the Bidding Document in this behalf within fifteen days from the expiry of the period specified in para (2) or of the date of receipt of the order passed by the First Appellate Authority, as the case may be.

**(4) Appeal not to lie in certain cases**

No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely:-

- (a) determination of need of procumbent;
- (b) provisions limiting participation of Bidders in the bid process;
- (c) the decision of whether or not to enter into negotiations;
- (d) cancellation of a procurement process;
- (e) applicability of the provisions of confidentiality.

**(5) Form of Appeal**

(a) An appeal under para (1) or (3) above shall be in the annexed Form along with

as many copies as there are respondents in the appeal.

- (b) Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payment of fee.
- (c) Every appeal may be presented to First Appellate Authority or Second Appellate Authority, as the case may be, in person or through registered post or authorized representative.

**(6) Fee for filing appeal**

- (a) Fee for first appeal shall be rupees two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non refundable.
- (b) The fee shall be paid in the form of bank demand draft or banker's cheque of Scheduled Bank in India payable in the name of Appellate Authority concerned.

**(7) Procedure for disposal of appeal**

- (a) The first Appellate Authority or Second Appellate Authority as the case may be, upon filing of appeal, shall issue notice accompanied by copy of appeal, affidavit and document, if any, to the respondents and fix date of hearing.
- (b) On the date fixed for hearing, the First Appellate Authority or Second Appellate Authority, as the case may be, shall:-
  - (i) hear all the parties to appeal present before him; and
  - (ii) peruse or inspect documents, relevant records or copies thereof relating to the matter.
- (c) After hearing the parties, perusal or inspection of documents and relevant records or copies thereof relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.
- (d) The order passed under sub-clause(c) above shall also be placed on the State Public Procurement Portal.

**Memorandum of Appeal under the Rajasthan Transparency in Public Procurement Act, 2012**

Appeal No. .... of .....  
Before the ..... (first/second Appellate Authority)

1. Particular of appellant:

- (i) Name of the appellant:
- (ii) Official address, if any:
- (iii) Residential address:

2. Name and address of the respondent(s):

- (i)
- (ii)

3. Number and date of the order appealed against and name and designation of the officer/authority who passed the order (enclosed copy, or a statement of a decision, action or omission of the Procuring Entity in contravention to the provisions of the Act by which the appellant is aggrieved:

4. If the Appellant proposes to be represented by a representative, the name and postal address of the representative:

5. Number of affidavits and documents enclosed with the appeal:

6. Ground of appeal :  
.....  
.....(Supported by an affidavit)

7. Prayer:

.....  
.....  
.....

Place .....  
Date .....  
Appellant's Signature



**Additional Conditions of Contract**

**1. Correction of arithmetical errors**

Provided that a Financial Bid is substantially responsive, the Procuring Entity will correct arithmetical errors during evaluation of Financial Bids on the following basis:

- i. if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Procuring Entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected.
- ii. if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- iii. if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (i) and (ii) above.

If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security shall be forfeited or its Bid Securing Declaration shall be executed.

**2. Procuring Entity's Right to Vary Quantities**

- (i) At the time of award of contract, the quantity of Goods, works or services originally specified in the Bidding Document may be increased or decreased by a specified percentage, but such increase or decrease shall not exceed twenty percent, of the quantity specified in the Bidding Document. It shall be without any change in the unit prices or other terms and conditions of the Bid and the conditions of contract.
- (ii) If the Procuring Entity does not procure any subject matter of procurement or procures less than the quantity specified in the Bidding Document due to change in circumstances, the Bidder shall not be entitled for any claim or compensation except otherwise provided in the Conditions of Contract.
- (iii) In case of procurement of Goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the additional quantity shall not be more than 25% of the value of Goods of the original contract and shall be within one month from the date of expiry of last supply. If the Supplier fails to do so, the Procuring Entity shall be free to arrange for the balance supply by limited Bidding or otherwise and the extra cost incurred shall be recovered from the supplier.

**Standard Operating Procedures under sub rule (5) of rule 34A of MCDR, 2017 for carrying out drone survey and submission of Digital Aerial Images of Mining areas to Indian Bureau of Mines**

**Contents**

<b>Introduction .....</b>	<b>2</b>
<b>PART-I .....</b>	<b>5</b>
<b>Standard Operating Procedure for carrying out Drone Survey and submission of digital images to Indian Bureau of Mines .....</b>	<b>5</b>
<b>(See sub rule (1) and (5) of Rule 34A of Mineral Conservation &amp; Development Rules, 2017.....</b>	
1. Drone Agency Registration and Permissions .....	5
2. Drone Specification .....	5
3. Sensor/Camera Specification and output data resolution .....	5
4. Drone flying path and flying height .....	5
5. Survey Area .....	6
6. Ground Control Points (GCPs) for Drone Survey .....	6
7. Drone Survey Time .....	6
8. Co-ordinate Reference system.....	6
9. Preservation of Raw and Processed Data .....	6
10. Data output and formats .....	7
11. Submission of Data to IBM.....	7
<b>Standard Operating Procedure for submission of Satellite Imageries to Indian Bureau of Mines</b>	<b>9</b>
<b>(See sub rule (2) of Rule 34A of Mineral Conservation &amp; Development Rules, 2017.</b>	
.....	
1. Satellite image specification.....	9
2. Ground Control Points (GCP) for Satellite image .....	9
3. Procurement of Satellite image .....	9
4. Co-ordinate Reference system.....	10
5. Data output and formats .....	10
6. Submission of Data to IBM .....	11

## **Introduction**

To leverage the use of technology, it has been proposed to use a combination of digital aerial (Drone and satellite) images to monitor mining activities in the country.

The digital aerial images as an emerging technology is increasingly being used in agriculture, environmental, geology, mining, town planning and forestry applications and other applications.

Through Satellite imagery, one can view the activities that took place on the ground without human interventions. This can be applicable to the mining sector and mining activities can be monitored through the space. Based on the time series satellite imageries for different periods, change detection study in the mining activities of a mine could be studied mainly pertaining to lateral changes in a broad view. Volumetric calculations can also be done based on stereo pair satellite imageries with certain degree of error.

Drone, typically operate at much lower altitudes as compared to satellites and are also able to provide unique data with regard to spatial resolution and angle of view. Compared to satellite images, drone images can provide lower ground sample distances (GSD) or higher spatial resolutions on the ground.

Drone technology can be extensively applied in the mining sector, i.e. for

- i. Carrying out overall survey of mine for monitoring the mining and allied activities in and around the mining area.
- ii. Lease boundary demarcation using the Ground Control Points (GCPs) and geo-referencing of the leases, monitoring of illegal mining activities etc.
- iii. Volumetric estimation of excavation, reclamation and periodical stock piles monitoring.
- iv. Change detection analysis over a period of time using previously surveyed data.
- v. Monitoring of land use and environmental impact in and around mining area.
- vi. Virtual inspection of mines for regulatory purpose.
- vii. Preparation of contour survey and survey map for filing to various regulatory agencies as well internal use of the industry.

The advantages of Drone Survey are

- (i) Drone Survey in mining improve the overall efficiency of large mine site and quarry management by providing accurate and comprehensive data detailing site conditions in a very short time.
- (ii) The data accuracy and authenticity is better than the traditional survey.

- (iii) High resolution (cm level) data of Drone provides high accuracy and more precise volumetric measurements than traditional surveying methods.
- (iv) Stockpiles of irregular shape and exhibiting craters can be easily surveyed with great precision than using traditional methods.
- (v) Drone Survey is faster, less human intervention in mine and easily- repeatable mining surveys at low cost.
- (vi) Changes between two surveys can be tracked and highlighted automatically.
- (vii) Drone aerial images can be used to generate point clouds, digital surface models, digital terrain models and a 3D reconstruction of a mining site, including its stockpiles.
- (viii) Helps in creating a digital data base which can be used and retrieved at ease and compared.
- (ix) Data generated over a period of time can be stored in digital platform and the time series data can be compared. The data can be used for systematic and scientific mine closure planning, monitoring of reclamation, rehabilitation activities in lease area.

With the above objectives in view, Government of India, Ministry of Mines has amended Mineral Conservation and Development Rules (MCDR), 2017 in the year 2021 requiring submission of digital images by the lessee/ preferred bidders to the IBM. The provisions of rule 34A of MCDR are as follows:

**“Rule 34A —(1) Every lessee having—**

- (a) *an annual excavation plan of one million tonne or more in a particular year;*  
*or*
- (b) *leased area of fifty hectare or more,*

*shall carry out a drone survey of the leased area and upto hundred metres outside the lease boundary in the month of April or May every year and submit the processed output [digital elevation model (DEM) and Orthomosaic] images obtained from such survey or any other format as may be specified by Indian Bureau of Mines to the Controller General, Indian Bureau of Mines on or before 1st day of July every year:*

*(2) Every lessee, other than those covered under sub-rule (1), shall submit soft copy of high resolution Georeferenced Orthorectified Satellite images of the leased area and upto hundred metres outside the lease boundary taken in the month of April to June of every year, to the Controller General, Indian Bureau of Mines on or before 1st day of July of the that year in the standards formats such as GEOTIFF along with metadata, or any other format as may be specified by Indian Bureau of Mines in this regard:*

*Provided that the lessee who has submitted images under sub-rule (3) shall not be required to submit the images under this sub-rule for the year in which images are submitted under sub-rule (3).*

*(3) Every lessee shall carry out a drones survey of his leased area and upto hundred metres outside the lease boundary within six months before submission of any mining plan document or modification thereto to the Indian Bureau of Mines for approval and shall submit processed output [digital elevation model (DEM) and Orthomosaic] images obtained from such survey to the concerned Regional Controller of Mines and the Controller General, Indian Bureau of Mines along with the application for approval or modification of mining plan:*

*Provided that the lessee who has submitted the images under sub-rule*

*(1) on or before the 1<sup>st</sup> day of July falling immediately before submission of mining plan document, shall not be required to submit the same under sub- rule (3).*

*(4) All preferred bidders who are issued with a letter of intent for grant of a mining lease shall carry out a drone survey of the mining block granted through auction and upto hundred metres outside the block boundary and submit the processed output [digital elevation model (DEM) and Orthomosaic] images obtained from such survey along with the mining plan to the Regional Controller and the Controller General, Indian Bureau of Mines.*

*(5) The standard operating procedure for carrying out the drone survey and form of the data to be submitted shall be specified by Indian Bureau of Mines from time to time:*

*Provided that the Indian Bureau of Mines may prescribe any alternate mechanism for survey and submission of data or images other than the mechanism specified in sub-rules (1) to (4), in case of any restriction on use of drones under any law for the time being in force regulating the use of drones”.*

Accordingly the following standard operating procedure is proposed to be followed for carrying out drone survey and submission of digital aerial images and satellite imageries to IBM by the mineral concession holders.

## **PART-I**

### **Standard Operating Procedure for carrying out Drone Survey and submission of digital images to Indian Bureau of Mines.**

(See sub rule (1) and (5) of Rule 34A of Mineral Conservation & Development Rules, 2017.)

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#### **1. Drone Agency Registration and Permissions**

Registration with IBM is not required for taking up the drone survey in mining areas. Drone Agencies desirous to undertake mine surveys shall adhere to all the rules, regulation, guidelines etc. notified by Directorate General of Civil Aviation (hereafter referred as DGCA) from time to time. Drone Survey must be conducted as per rules prescribed by the Ministry of Civil Aviation.

The survey may also be carried out by lessee themselves by following all the applicable rules and guidelines as mentioned above.

Prior to flying of Drone, the lessee shall check the airspace map published by DGCA in the given link <https://digitalsky.dgca.gov.in/airspace-map/> or published by DGCA from time-to-time and shall obtain necessary DGCA permission prior to flying in Red and Yellow zones.

#### **2. Drone Specification**

Drones used for the survey should be DGCA approved and should possess mandatory safety features as notified by DGCA from time to time.

#### **3. Sensor/Camera Specification and output data resolution:**

The camera used in the Drone should be of minimum 20 mega pixel or above resolution RGB camera with capability to capture high quality undistorted pictures. Camera should have the resolution to capture the images less than 5 cm Ground Sample Distance (GSD) or 5 cm per pixel.

The Resolution of Digital Elevation Model (DEM) should be 15 cm per pixel or better.

#### **4. Drone flying path and flying height:**

In order to ensure the generation of a height model photogrammetrically (e.g. Digital Surface or Digital Terrain model, DSM & DTM), images should be acquired with proper overlap. The Drone survey should be planned in such a way that the forward (front) overlap should be minimum 80% and lateral (side) overlap should be minimum 70%.

The Flying Height of the Drone should be as per DGCA prescribed limits, however, the resolution of the Drone image should be very high i.e. up to

5cm GSD or 5cm per pixel or better. Camera angle nadir direction should be vertically downwards (90-degree angle) while carrying out survey.

## **5. Survey Area:**

The survey should cover the entire mining lease area capturing all mining, allied activities and **100m** beyond periphery of the mine lease boundary to monitor the environmental impact and ascertaining any excavation therein. The flight path plan & the numbers of flights taken to cover the entire area shall be provided to IBM along with the output data. For leases having common mine boundary, the survey may be limited up to the lease boundary for the sides the lease shares common boundary with another lease.

## **6. Ground Control Points (GCPs) for Drone Survey:**

Before undertaking Drone Survey, each mine must establish at least five GCPs per sq. km. of lease area or part thereof with calibrated/certified DGPS instrument. If the area is less than one sq. km. the minimum GCPs required shall be four nos. The GCPs should be well distributed all over the Survey area. GCP must be easily visible in the images obtained from Drone survey. The Dimensions of GCPs thus established should be minimum 50 cm by 50 cm (marked as X with high contrast colours). At least three permanent GCP shall be placed at undisturbed locations and has to be covered in the subsequent surveys to cross check the error in change detection and other analysis. The error of GCP should be less than 5 cm. The Boundary pillars should not be considered as permanent ground control points.

## **7. Drone Survey Time**

In order to maintain consistency in quality of images, it is recommended to carry out the Drone survey in better light condition when the sun is overhead to minimise the shadows in photographs and it is also suggested to avoid partly cloudy days and high winds.

## **8. Co-ordinate Reference system**

The Co-ordinate reference system to be used for acquiring the Drone survey images will be Geographic Coordinate System (GCS) with WGS84 Datum and Decimal Degrees / Degree Minute Seconds as units. The ortho-mosaic shall be submitted in the Universal Transverse Mercator (UTM) with WGS-84 datum and units as Meters. The GCPs survey data and boundary pillar co-ordinates data shall be submitted in latitude and longitude (Deg. Min. Sec.) format in WGS 84 datum. The precision of the data submitted in GCS with WGS84 Datum should be in the format as (DD MM SS.SSSSSS)".

## **9. Preservation of Raw and Processed Data**

As per rule 34A of MCDR 2017, Lessee shall submit processed output images obtained from drone survey to IBM. The lessee shall keep the raw and processed data of each survey in safe custody with them for a minimum period of five years and if at any stage the raw and processed data are required by IBM for verification purpose then the same will be made available to the IBM.

## 10. Data output and formats

The following data output will be provided by each lessee to IBM for the preceding financial year;

Sl. No.	Data type	Format
1.	Orthomosaic image of lease area including 100m buffer zone.	.tiff (geo tiff)
2.	Digital Elevation Model (3D) – DSM & DTM	.tiff (geo tiff)
3.	GCPs data (Datum-WGS 84, GCS)	.shp and MS-Excel
4.	RMSE Report	.txt/.doc
5.	<b>Map</b> of the mining lease showing area of; a) actual excavation (mineral and waste), b) Mineral storage c) Subgrade dump, d) Waste dump, e) Afforestation, f) Backfilled, reclaimed and rehabilitated area Within the lease for the preceding financial year;	.shp (in WGS 84 Datum in UTM Projected Coordinate system)
6.	Lease boundary pillar co-ordinates (as authenticated by state government should be submitted both in GCS and PCS in Datum WGS 84)	.shp and MS-Excel
7.	Drone Survey log sheet	.doc

## 11. Submission of Data to IBM

The processed output data of the drone survey as per Para ten above shall be submitted in soft copy only in storage media (i.e. external hard disk) on or before 1<sup>st</sup> day of July every year along with the details of the survey carried out as per the format annexed to this SOP at the following addresses.

(1) The Chief Mining Geologist, Indian Bureau of Mines,  
GM&MM Cell, 1<sup>st</sup> Floor, A-Block  
Indira Bhavan, Civil Lines,  
Nagpur- 440001, Maharashtra

(2) Respective Regional Offices  
Indian Bureau of Mines



**Output data submission form for Drone survey for the year.....**

<b>Sl. No.</b>	<b>Particulars</b>	<b>Details</b>
1.	Name of the Mine	
2.	Name of the lessee, Address, Phone and email	
3.	Location of the mine (Village/taluka/District/State)	
4.	Total Lease Area (Ha)	
5.	Mine code	
6.	IBM Registration Number under rule 45 of MCDR, 2017	
7.	Mineral	
8.	Method of mining (Opencast/Underground)	
9.	Name of the Drone Agency	
10.	Remote Pilot license No.	
11.	Unique Identification Number (UIN No.) of Drone	
12.	Category of Remotely Piloted Aircraft (Nano/ Micro/ Small/ Medium/ Large)	
13.	Type of Drone (fixed wing/multi rotor) with specification	
14.	Survey Start Date and End Date and time (DD/MM/YYYY) complete log sheet to be provided	
15.	Name of the pilot and observation during the survey (if any)	
16.	Type of Sensor/camera used along with specification	
17.	Height of the flight (above ground level) and altitude (meter) of ground where Drone flired	
18.	Total Number of GCP's	
19.	Device used for the collection of GCP	
20.	Total RMSE (Root Mean Square Error)	
21.	Name of the Agency who have processed the output data	
22.	Software used for processing the data	
23.	Proposed excavation during the preceding year as per Mining Plan (in cu.m) ( mineral and waste)	
24.	Actual excavation during the preceding year in cu.m ( mineral and waste) as per Annual Return submitted to IBM	
25.	Data folder name and size	
26.	UTM Zone considered in Projected Coordinate System	

Date:

Place:

Signature of Lessee

## **PART- II**

### **Standard Operating Procedure for submission of Satellite Imageries to Indian Bureau of Mines.**

(See sub rule (2) of Rule 34A of Mineral Conservation & Development Rules, 2017.)

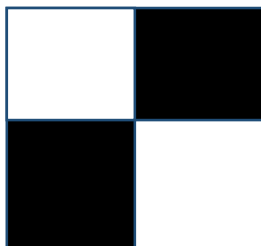
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#### **1. Satellite image specification**

Satellite image to be submitted to IBM should be of high resolution preferably 1.12m or better, multispectral (RGB) and cloud free Geo- referenced Orthorectified satellite image covering the lease boundary with at least 100m buffer taken in the month of April to June of every year.

#### **2. Ground Control Points (GCP) for Satellite image**

For geo-referencing of satellite image, each mine shall establish at least 3 permanent GCP in or around the mines area with calibrated certified DGPS instrument. The GCP shall be marked in a cover free and open to sky place so that it can be identified in satellite image. The dimension of the GCP shall be 2.5 times the resolution of the satellite image so as to be clearly visible in the satellite image. For example: If the satellite image is having resolution of 1m then the dimension of GCP shall be 2.5m. The permanent GCPs can be established over the top of the mine office or some other permanent site within the mine clearly visible to sky.



Example of GCP marking

#### **3. Procurement of Satellite image**

The National Remote Sensing Centre (NRSC) of the Indian Space Research Organisation (ISRO)/DOS is vested with the authority to acquire and disseminate all satellite remote sensing data in India, both from Indian and foreign satellites. Lessee may approach NRSC to order the satellite images through User Order Processing System (UOPS) an online web application maintained by NRSC. Users can specify their area and period of interest along with the sensor and product selection. The url of NRSC website is <https://www.nrsc.gov.in>

#### **4. Co-ordinate Reference system**

The Co-ordinate reference system to be used for acquiring the satellite image will be Geographic Reference System with WGS84 Datum and Decimal Degrees / Degree Minute Seconds as units. The geo-referenced orthorectified satellite image shall be submitted in the Universal Transverse Mercator (UTM) with WGS-84 datum and units as Meters. The GCPs survey data and boundary pillar co-ordinates data shall be in latitude and longitude (Deg. Min. Sec.) format in WGS 84 datum.

#### **5. Data output and formats**

The following data output will be provided by each lessee to IBM for the preceding financial year;

<b>Sl. No.</b>	<b>Data type</b>	<b>Format</b>
1.	Georeferenced Orthorectified satellite image of lease area including 100m buffer zone	.tiff (geo tiff)
2.	Meta data	.txt/ .doc
3.	GCPs data (Datum-WGS 84, GCS)	.shp and MS-Excel
4.	RMSE Report	.txt/.doc
5.	Map of the mining lease showing area of: a) Actual excavation (mineral and waste) b) Mineral storage c) Subgrade dump d) Waste dump e) Afforestation f) Backfilled, Reclaimed and rehabilitated area Within lease during the preceding year.	.shp (in WGS84 Datum in UTM Projected Coordinate system)
6.	Lease boundary pillar co-ordinates (as authenticated by state government should be submitted both in GCS and PCS in Datum WGS 84)	.shp and MS-Excel

## 6. Submission of Data to IBM

The high resolution orthorectified Satellite images shall be submitted in soft copy only in storage media (i.e. external hard disk) on or before 1<sup>st</sup> day of July every year along with the details of the survey carried out as per the format annexed to this SOP at the following addresses.

- (1) The Chief Mining Geologist, Indian Bureau of Mines, GM & MM Cell, 1<sup>st</sup> Floor, A-Block  
Indira Bhavan, Civil Lines,  
Nagpur- 440001, Maharashtra
  
- (2) Respective Regional Offices  
Indian Bureau of Mines

**Output data submission form for satellite image for the year.....**

<b>Sl. No.</b>	<b>Particulars</b>	<b>Details</b>
1.	Name of the Mine	
2.	Name of the lessee, Address, Phone and email	
3.	Location of the mine (Village/taluka/District/State)	
4.	Total Lease Area (Ha)	
5.	Mine code	
6.	IBM Registration Number under rule 45 of MCDR, 2017	
7.	Mineral	
8.	Method of mining (Opencast/Underground)	
9.	Details of Satellite from which image has been taken	
10.	Date of acquisition of image	
11.	Total Number of GCP's	
12.	Device used for collection of GCP	
13.	Total RMSE (Root Mean Square Error)	
14.	Proposed excavation during the preceding year as per Mining Plan (in cu.m) (mineral and waste)	
15.	Actual excavation during the preceding year in cu.m (mineral and waste) as per Annual Return submitted to IBM	
16.	Data folder name and size	

Date:

Place: