



खान मंत्रालय
MINISTRY OF
MINES

Tranche I Auction - Offshore Areas Mineral Blocks

Roadshow – Porbandar, Gujarat

December 21, 2024



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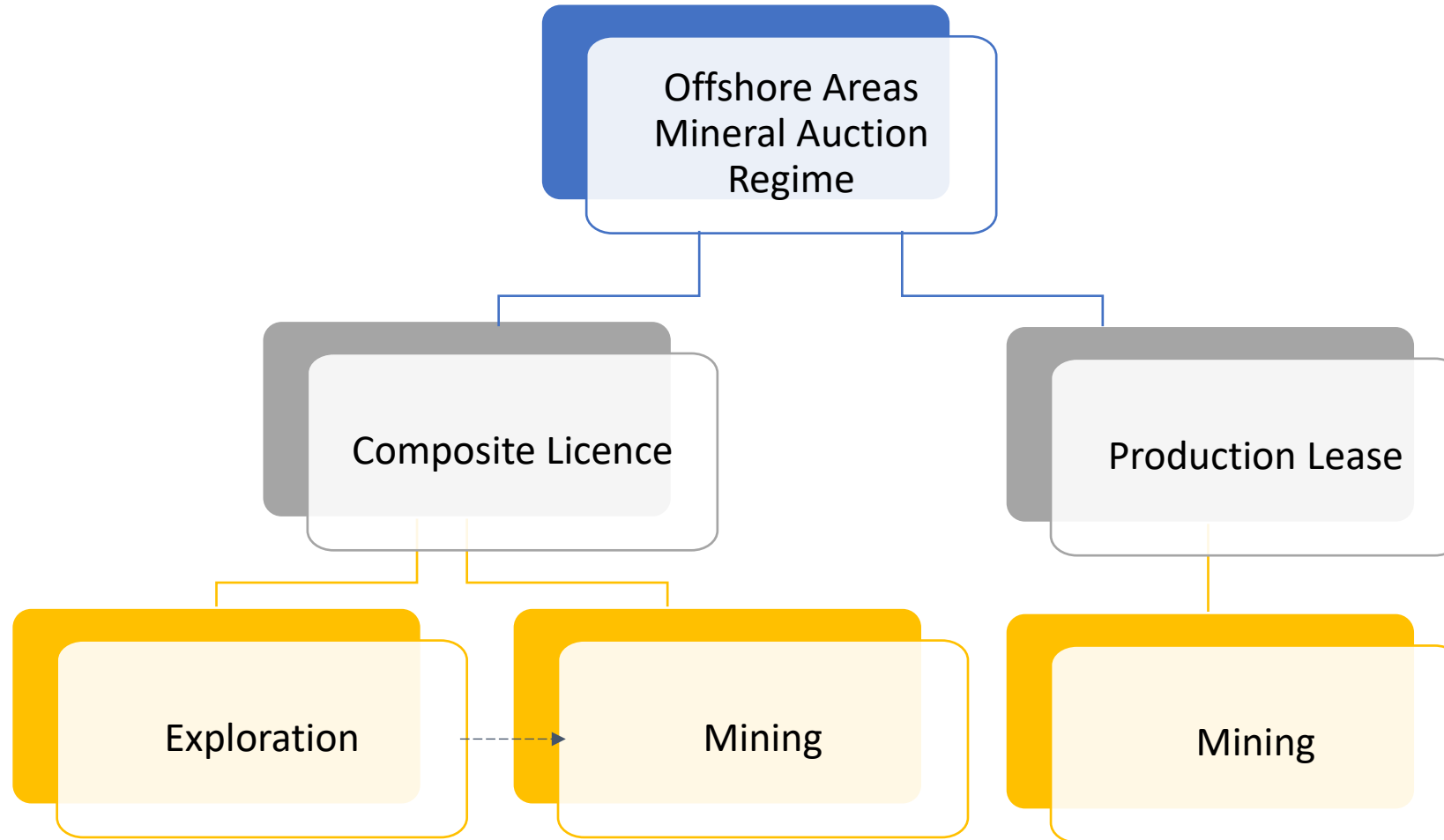
Background

OFFSHORE AREAS MINERAL POLICY IN THE COUNTRY

No.	Legislation/Rules	Date	Purpose/Details
1	Offshore Areas Mineral (Development and Regulation) Act, 2002	2002	Regulation and development of mineral resources in India's territorial waters, continental shelf, exclusive economic zone, and other maritime zones.
2	Offshore Areas Mineral (Amendment) Act, 2023	17.08.2023	Introduction of auction as the method for allocating operating rights in offshore areas.
3	Offshore Areas (Existence of Mineral Resources) Rules, 2024	06.06.2024	Regulate the exploration, assessment, and management of mineral resources in offshore areas
4	Offshore Areas Mineral Trust Rules, 2024	09.08.2024	Establish guidelines for the management, utilization, and governance of funds collected under the Offshore Areas Mineral Trust (OAMT)
5	Offshore Areas Mineral (Auction) Rules, 2024	14.08.2024	Govern the auction process for granting operating rights such as Production Lease and Composite Licence.
6	Offshore Areas Operating Rights Rules, 2024	16.10.2024	Address the operational aspects and obligations of operating rights holders in offshore areas

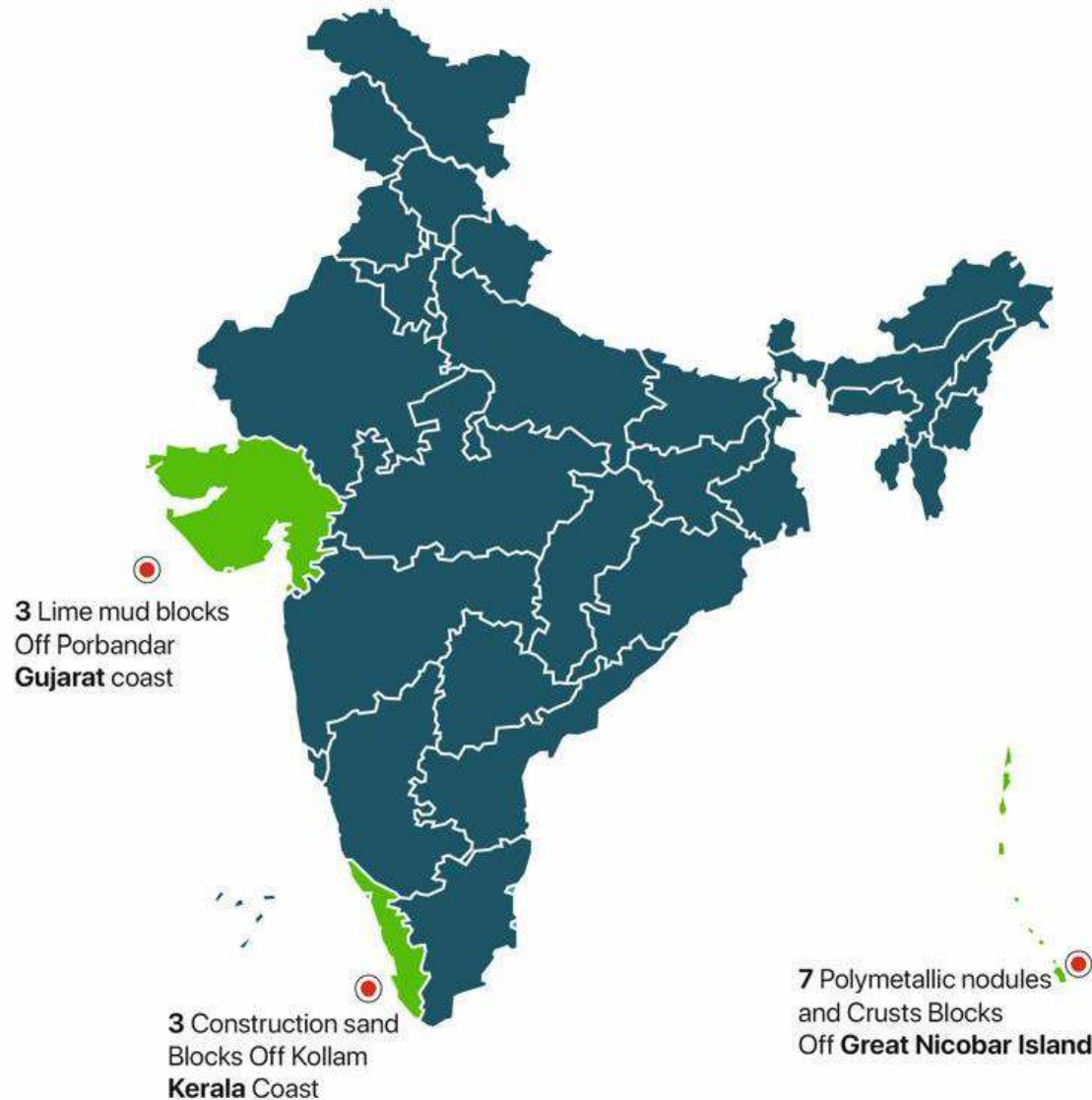
Note – Offshore Areas Mineral Conservation and Development Rules, and Offshore Areas illegal Mining Rules are at a draft stage.

OFFSHORE AREAS OPERATING RIGHTS GRANT REGIME IN INDIA



Details of Tranche I of Offshore Area Mineral Auction

TRANCHE I OF AUCTION OF OFFSHORE AREAS MINERAL BLOCKS



- Ministry of Mines through Administering Authority has issued Notice Inviting Tender (NIT) on November 28, 2024 for grant of **Composite Licence** for **13 Offshore Areas Mineral Blocks** under Tranche I.
- These 13 Blocks include 3 **G3** blocks of Lime mud Off the coast of Gujarat, 3 **G3** blocks of Construction Sand Off the coast of Kerala and 7 **G4** blocks of Polymetallic nodules and crusts Off the coast of Great Nicobar Island respectively.

BLOCK DETAILS

S. No.	Block Name	Nearest Port	Offshore Region	Area (in Sq. km)	Number of Standard Blocks	Commodity	Resources (in MT)
1.	Porbandar-1	Porbandar	Off Gujarat	66.64	21	Lime mud (CaO)	522.00
2.	Porbandar-2	Porbandar	Off Gujarat	69.81	22	Lime mud (CaO)	632.00
3.	Porbandar-3	Porbandar	Off Gujarat	66.64	21	Lime mud (CaO)	558.00
4.	Kollam Block-1	Kochi	Off Kerala	79.00	23	Construction Sand	100.33
5.	Kollam Block-2	Kochi	Off Kerala	78.00	23	Construction Sand	100.64
6.	Kollam Block-3	Kochi	Off Kerala	85.00	25	Construction Sand	101.45
7.	West-Sewell-Ridge-1	Port Blair	Off Great Nicobar Island	84.63	25	Polymetallic nodules and crusts	-
8.	West-Sewell-Ridge-2	Port Blair	Off Great Nicobar Island	84.63	25	Polymetallic nodules and crusts	-
9.	West-Sewell-Ridge-3	Port Blair	Off Great Nicobar Island	84.63	25	Polymetallic nodules and crusts	-
10.	West-Sewell-Ridge-4	Port Blair	Off Great Nicobar Island	84.63	25	Polymetallic nodules and crusts	-
11.	West-Sewell-Ridge-5	Port Blair	Off Great Nicobar Island	84.63	25	Polymetallic nodules and crusts	-
12.	West-Sewell-Ridge-6	Port Blair	Off Great Nicobar Island	84.63	25	Polymetallic nodules and crusts	-
13.	West-Sewell-Ridge-7	Port Blair	Off Great Nicobar Island	84.63	25	Polymetallic nodules and crusts	-

Important Timelines

IMPORTANT TIMELINES

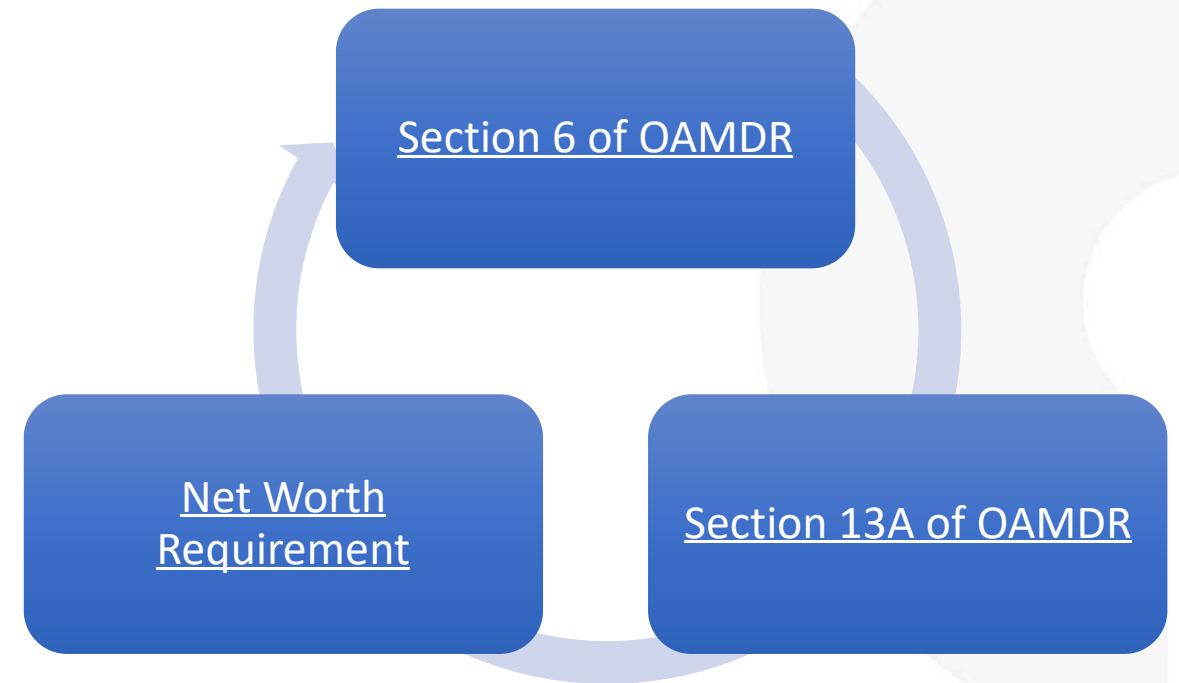
Event	Estimated Dates
Publication of NIT	Thursday, November 28, 2024
Commencement of sale of Tender Document	Tuesday, December 03, 2024
Pre-bid conference	Thursday, January 02, 2025
Last date of receiving queries from Bidders [on or before 17:00 hours (IST)]	Thursday, January 16, 2025
Last date for responses to queries by the Administering Authority	Wednesday, February 05, 2025
Last date for sale of Tender Document [on or before 17:00 hours (IST)]	Tuesday, February 18, 2025
Bid Due Date (Technical + initial price offer) [on or before 17:00 hours (IST)]	Thursday, February 27, 2025
Opening of the Technical Bids & Start date for examination of the Technical Bids	Friday, February 28, 2025
Training and mock-auctions for all the Bidders on e-auction platform	Monday, March 03, 2025 to Friday, March 07, 2025
Announcement of TQBs as per the tender document	Tuesday, March 25, 2025 to Monday, April 07, 2025
Opening of IPO, intimation to QBs and Conduct of ascending forward electronic auction	Wednesday, March 26, 2025 to Tuesday, April 08, 2025
Announcement of Preferred Bidder	Thursday, March 27, 2025 to Wednesday, April 09, 2025

Auction Process

ELIGIBILITY CONDITIONS

A Bidder shall-

- Submit only 1 Bid for a particular Mineral Block.
 - No Affiliate(s) of such Bidder shall submit a Bid for said Mineral Block.
 - In case an Affiliate(s) of a Bidder also submits a Bid for said Mineral Block, the Bids submitted by the Bidder and its Affiliate(s) will be rejected.
- Comply with eligibility conditions specified in Section 6 of the OAMDR Act.
- Comply with area limits specified in Section 13A and as prescribed in the eligibility conditions.
- Comply with the Net Worth Requirement



Bidder to quote a Percentage (%) equal to or more than the Reserve Price (which the Bidder is willing to share with the Government as revenue share) to be a Preferred Bidder

Amount Payable by the Successful Bidder will be the Auction Premium, paid on monthly basis as the said percentage quoted by the Successful Bidder on as the multiplication of:

- **Quantity of Mineral(s) dispatched** in a month

and

- **Average Sale Price (ASP)** of the mineral grade or concentrate published by IBM for the relevant month
*Minus**
 - The amount payable towards royalty calculated on the ASP published by IBM; and
 - Offshore Areas Mineral Trust calculated on the ASP published by IBM

** Provided that deduction of amount payable towards royalty and Offshore Areas Mineral Trust shall not be applicable for minerals, including polymetallic nodules and crusts, for which ASP is published on basis of London Metal Exchange or London Bullion Market Association price or any other index, publication or exchange.*

GENERAL OUTLINE OF AUCTION PROCESS

- It is a 2-stage Ascending Forward Online Electronic Auction
- The following are available on auction portal in public domain
 - Mineral Block Summary
 - Blank Tender Document
- Interested Bidder can register itself on the auction portal for participating in e-auction of Offshore Areas Mineral Blocks
- Bidders need to pay non-refundable tender document fee per mineral block to obtain
 - Block Specific Tender Document
 - Geological Report
- Bidders should regularly visit the MSTC website for any corrigendum/addendum/updates issued

AUCTION PROCESS

Round – I of e-auction

- Submission of Technical Bids
- Submission of IPO
 - Bidder to submit Technical Bid and Initial Price Offer
 - Top 50% technically qualified bidders (TQB) or 5 whichever is higher will proceed to Round II
 - If TQBs are less than 3, auction process will be annulled

Round – II of e-auction

- Opening of IPO
- Live forward auction
 - Highest Initial Offer in I Round will become Floor Price for II Round
 - Minimum increment in price bids shall be 0.05% (*subject to approval of TCRC*) during the live auction stage
 - At least one Final Price Offer (FPO) is needed for successful auction
 - Bidder who submits highest FPO is declared as Preferred Bidder (PB) immediately on conclusion of auction



SUBMISSION OF TECHNICAL BID

Online Submission

A

Scanned copies of all documents

B

Initial Price Offer (IPO)



**IPO must not be submitted
in physical form**



**Applicable for individual bidder only*

*** Certificate of Incorporation by Companies and Passport by Partners of Partnership Firm/ Proprietors of Proprietorships / Individuals*

List of documents as a Technical Bid (Physical documents to be hand delivered)

01

Bid Letter

02

Bid Security

03

Power of Attorney

04

Affidavit

05

Corporate Authorization

06

Networth Certificate

07

***GST certificates or Bank Letter**

08

****Proof of Nationality**

Payments

ONE TIME PAYMENTS

Tender Fee

- INR 3,00,000 per block (excluding GST)
- GST payable on reverse charge mechanism
- Tender Document Fee is Non-refundable, non-transferable



Bid Security

- 0.25% of VER or INR 10 crore, whichever is lower
- Where estimated resources have not been reported, Bid Security shall be INR 5 lakh per Standard Block
- Refundable, subject to certain conditions
- Payable by all participants

Upfront Payment*

Applicable to PL

- 0.25% of VER, not exceeding INR 50 Cr., payable in 3 instalments:
 - 10% before issuance of Lol
 - 10% before transition from PB to SB
 - 80% before signing PL Deed
- Non-refundable but adjustable against auction premium
- Payable only by PB

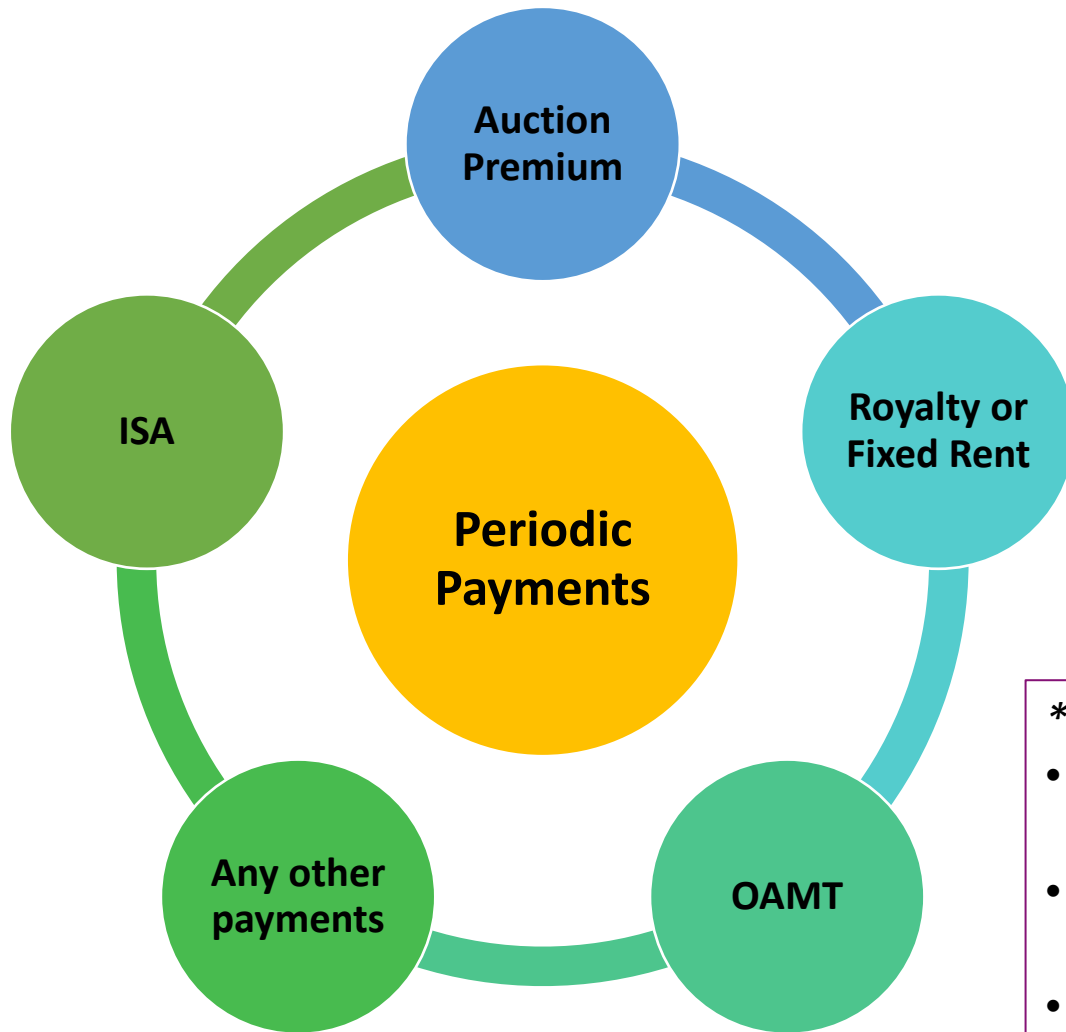


Performance Security

- **PL** – Lower of 0.50% of VER, or INR 100 Cr.
- **CL** – Lower of 0.25% of VER, or INR 50 Cr.
- Where resources are not estimated, PS: INR 150 lakhs
- To be enhanced, to 0.50% of VER, prior to issuance of PL, not exceeding INR 100 Cr.
- Refundable, subject to conditions
- Payable only by PB

** Upfront Payment shall be adjustable in full at the earliest against the amount of Auction Premium payable on commencement of production*

PERIODIC PAYMENTS



The PL holder (Successful Bidder) is required to pay

- Auction Premium: Percentage of Value of Mineral dispatched
- Royalty for each mineral (or Fixed Rent) as applicable
- Contributions to Offshore Areas Mineral Trust (OAMT) (10% of Royalty)
- Contributions to International Seabed Authority (ISA) (if, applicable)*
- Any payments as required under Applicable Law, including the Act and the rules framed thereunder

*** Note:**

- *The International Seabed Authority (ISA) guidelines are currently in the draft stage.*
- *Payments will be made in accordance with Article 82 of the United Nations Convention on the Law of the Sea (UNCLOS).*
- *These payments and contributions pertain to the exploitation of the continental shelf beyond 200 nautical miles from the baseline.*

- Where, subsequent to the e-auction, any new minerals is discovered, which is specified in [Part D of the First Schedule](#) or the [Seventh Schedule to the MMDR Act, 1957](#), [10% of the Auction Premium](#) quoted by the Successful Bidder shall be applicable
- For other newly discovered minerals not covered in the above categories, the [same percentage](#) of the Value of Mineral Dispatched as quoted by the Successful Bidder shall be applicable

- OMDPA is an agreement between the Central Government and Successful Bidder that comprises
 - Conditions for Grant of Production Lease
 - Performance Security and Events of Appropriation
 - for failure to comply with the [Minimum Production and Dispatch Requirement](#)
 - for failure to comply the provisions of the Mine Development and Production Agreement as listed in it
 - Utilization of Mineral(s)
 - Payments and Modes of Payment
 - General Rights and Obligations
 - Assignment and Security for Financing

CONTACT DETAILS

1. **Shri Vivek Kumar Bajpai**, Administering Authority and Joint Secretary, Ministry of Mines

 aa-mom@gov.in

2. **Shri Dheeraj Kumar**, Deputy Secretary, Ministry of Mines

 dheeraj.kumar83@gov.in

 +91 94347 77186

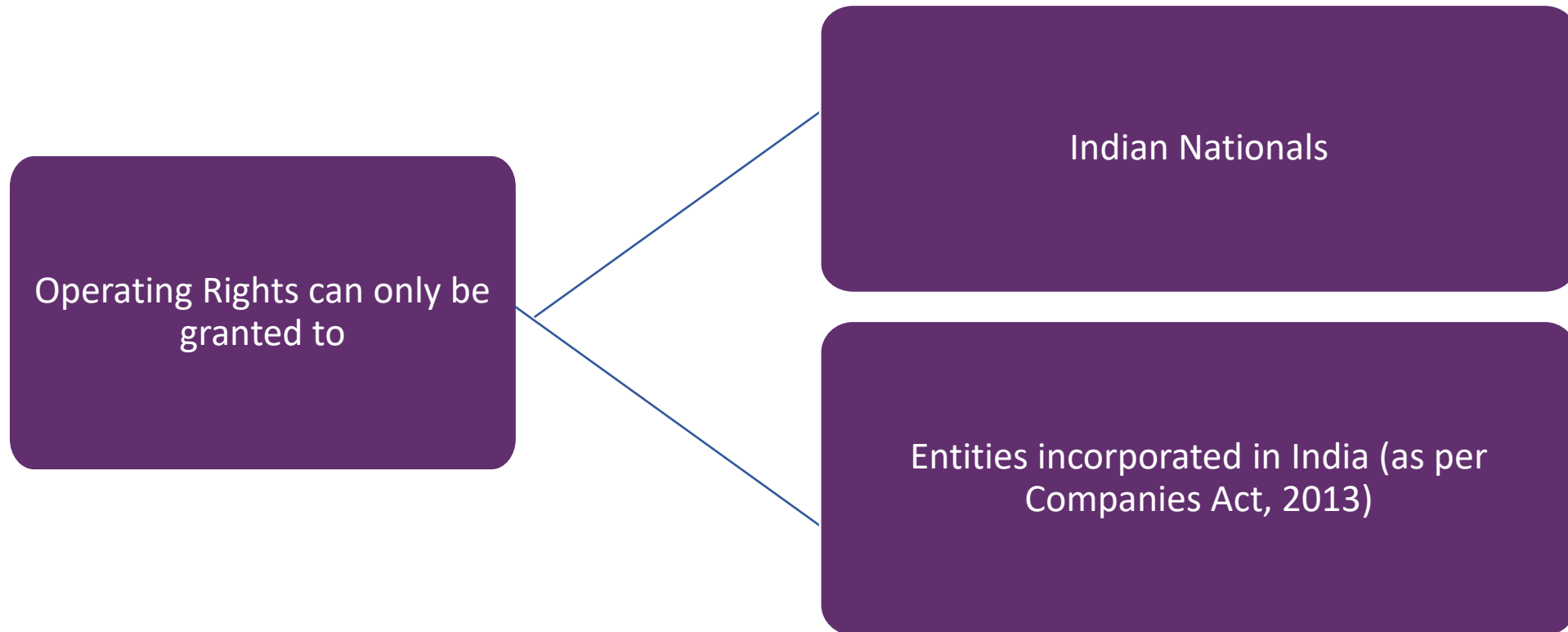
3. **Shri Lovesh Singla**, Vice President, SBI Capital Markets Limited, Transaction Advisor to Ministry of Mines

 lovesh.singla@sbicaps.com

 +91 88602 42450



Thank You



- **Explanation and implication of the Act**

- Section 13A of the Act lays restriction on holding of operating rights in respect of any mineral or a group of associated minerals, all taken together and covering a total area of more than **forty-five minutes latitude by forty-five minutes longitude**.
- It disallows participation of persons who are holding or may, in the event of becoming highest bidders in the auction, hold the area in excess of the area limit under Section 13A of the OAMDR Act.
- Provided that if the Central Government is of the opinion that in the interest of the development of any mineral or industry, it is necessary so to do, it may increase or decrease the aforesaid area limits in respect of any mineral or any specified category of deposits of such mineral or such group of associated minerals.



NET WORTH REQUIREMENT ...1

Bidder shall meet the prescribed Net Worth Criteria given in ***“SCHEDULE I Terms and conditions of eligibility”*** of *Offshore Areas Mineral (Auction) Rules, 2024*

- For **Production Lease** (*with an upper limit of INR 100 Crore*)

VER	Net Worth
Equal to or more than INR 1,000 crore	More than 2% of VER
Between INR 100 crore and INR 1,000 crore	More than 1% of VER
Less than or equal to INR 100 crore	More than or equal to 0.5% of VER

- For **Composite Licence** (*with an upper limit of INR 50 Crore*)

VER	Net Worth
More than INR 100 crore	More than 1% of VER
Equal or less than INR 100 crore	More than 0.5% of VER

For blocks where estimated resources have not been reported (and thus VER cannot be calculated), the required networth shall be INR 25 crore

NET WORTH REQUIREMENT ...2

Quantity of Estimated Mineral Resources (in tonne) as per geological report

× (multiplied by)

Last 12-month average price of mineral (per tonne) as published by IBM (grade-wise)

Illustration	
Total estimated quantity of resources in an identified Mineral Block	100 MT
Last 12-month average price of mineral (per tonne) as published by IBM (grade-wise and state-wise)	Rs. 470/Tonne
Value of Estimated Resources	Rs. 4,700 crore
Net worth Requirement ($> 2\% \times \text{Rs. 4,700 Cr}$)	$> \text{Rs.94 crore}$

NET WORTH REQUIREMENT ...3

Explanation for the calculation of Net Worth:

- **Company (*From Rules*):**

- Net worth shall be the sum of paid-up share capital and the free reserves
- As on the last day of the financial year ended immediately preceding the date of NIT
- In case of Bidder using the Net Worth of Holding Company, the Shareholding Pattern for establishing the relationship between the Holding Company of the bidder shall be of the last day of the financial year.

- **Individual (*From Rules*):**

- Net worth of Individual may include instruments like amount in savings bank accounts, free and un-encumbered FDs, Kisan Vikas Patra, NSCs, Bonds, Shares of Listed Companies, Listed Mutual Funds, Unit Linked Insurance Plan, PPF, Surrender Value of Life Insurance policies, un-encumbered immovable property, etc.
- The valuation of unencumbered (*as per rules*) immovable property shall be based on the relevant circle rate (*not provided in rules*).



ILLUSTRATION – BIDDERS FOR ROUND II OF AUCTION

No. of Technically Qualified Bidders*	No. of Bidders Allowed to Participate in Second Round of e-Auction
1	Auction will be annulled
2	Auction will be annulled
3	All 3 bidders
4	All 4 bidders
5	All 5 bidders
6-10	Top 5 bidders
11	Top 6 bidders
12	Top 6 bidders

** Assuming there are no ties in the IPOs quoted by the bidders*



ILLUSTRATION - ASCENDING FORWARD AUCTION

Round I of Auction

(Price Discovery)

Say, the **Initial Price Offers** were:

10%

9.5%

8.1%

5.7%

3.5%

Reserve Price in Tender Document

1%

Ascending Forward Auction (% share of Value of Mineral dispatched)

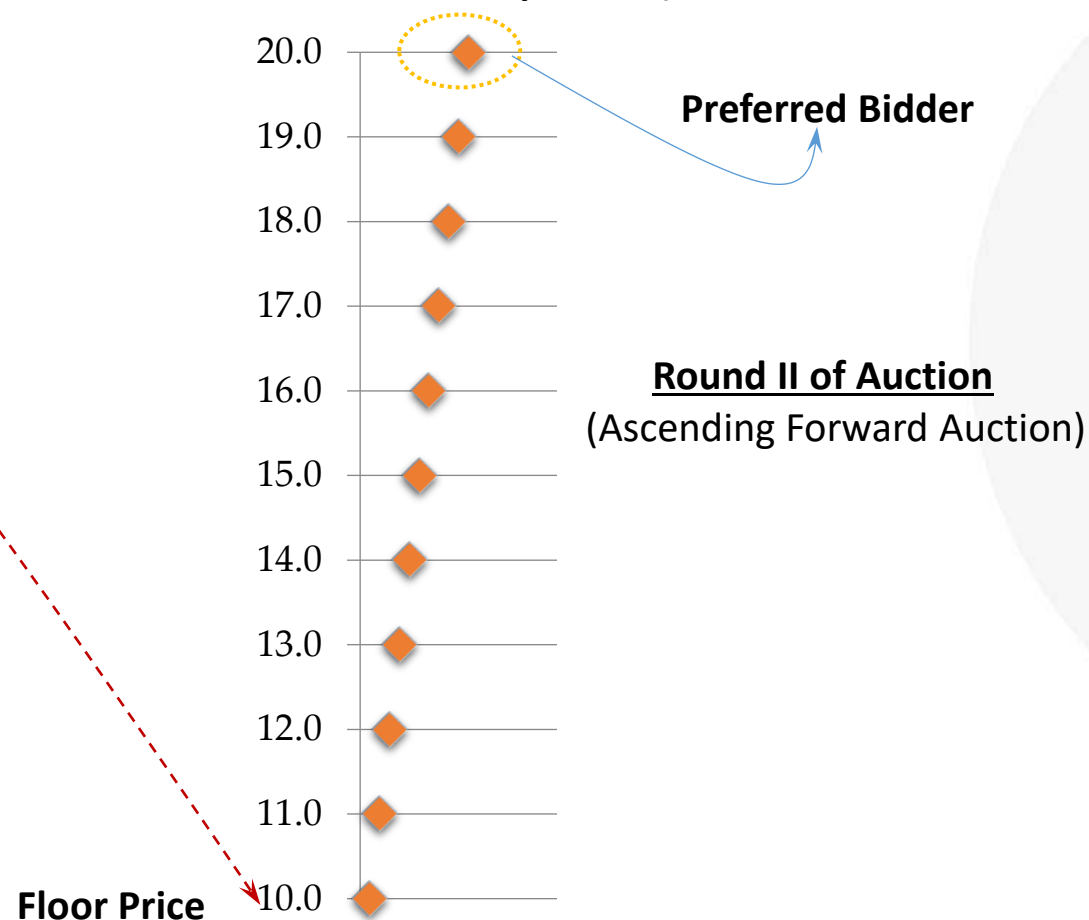


ILLUSTRATION OF AMOUNT PAID BY PRODUCTION LESSEE

Particulars	Details
Mineral dispatched in a month [A]	1 MT
Sale price of Mineral for the month (grade-wise price published by IBM) [B]	INR 10/tonne
Amount payable towards royalty calculated on the ASP [C]	10% * INR 10 = INR 1
Contribution towards OMET	10% on Royalty
Amount payable towards royalty calculated on the ASP [D]	10% * INR 1 = INR 0.1
Percentage share quoted by the Successful Bidder [E]	20%
Amount payable* by holder of Production Lease	$A \times [B - C - D] \times E$ $= 10,00,000 \times [10 - 1 - 0.1] \times 20\%$
	INR 17,80,000

** Provided that deduction of amount payable towards royalty and Offshore Areas Mineral Trust shall not be applicable for minerals, including polymetallic nodules and crusts, for which ASP is published on basis of London Metal Exchange or London Bullion Market Association price or any other index, publication or exchange.*



ILLUSTRATION|AMOUNT PAYABLE FOR MORE THAN ONE MINERALS

Mineral for which the Block has been won by the Bidder: **Mineral A**

Action Premium: **20%**

Discovery of New Mineral –

- **Mineral B** - Applicable mineral u/s 3 of the OAMDR Act
- **Mineral C** - Part D of Schedule I or Schedule VII to the MMDR Act

Mineral	Auction Premium
Mineral A	20% x ASP x Quantity
Mineral B	20% x ASP x Quantity
Mineral C	20% x 10% x ASP x Quantity

** Amount payable is over and above Royalty, DMF, NMET contribution and other applicable payments*



MIN. PRODUCTION AND DISPATCH REQUIREMENT | VIRGIN BLOCK

Year (since commencement of PL)	Minimum Production and Dispatch Requirement (% of yearly production as per approved Production Plan)	Value of Performance Security to be appropriated
Year 1	0% of production as stated in approved Production Plan	12% of Average sale price of relevant mineral published by IBM as applicable during the year of shortfall (multiplied by) shortfall in dispatch [Minimum Production and Dispatch Requirement (minus) actual annual dispatch]
Year 2	10% of production as stated in approved Production Plan	
Year 3	20% of production as stated in approved Production Plan	
Year 4	40% of production as stated in approved Production Plan	
Year 5	50% of production as stated in approved Production Plan	

Example:

Particulars	Details
Year of consideration	Year 4
Production stated in Approved Production Plan	100 MT
Minimum Production and Dispatch Requirement as per MDPA	40 MT (40% of production as stated in Approved Production Plan)
Actual Production & Dispatch by Lessee	25 MT
Value of Performance Security to be appropriated	$12\% \times \text{ASP} \times (40 - 25) \text{ MT}$ $= 12\% \times \text{ASP} \times 15 \text{ MT}$



LIST OF MINERALS NOTIFIED IN PART D OF FIRST SCHEDULE

Sl. No.	Name of Mineral Blocks
1.	Beryl and other beryllium bearing minerals.
2.	Cadmium bearing minerals
3.	Cobalt bearing minerals
4.	Gallium bearing minerals
5.	Glaucosite
6.	Graphite
7.	Indium bearing minerals
8.	Lithium bearing minerals

Sl. No.	Name of Mineral Blocks
9.	Molybdenum bearing minerals
10.	Nickel bearing minerals
11.	Niobium bearing minerals
12.	Phosphate (without uranium)
13.	Platinum group of elements bearing minerals
14.	Potash
15.	Minerals of the "rare earths" group not containing Uranium and Thorium
16.	Rhenium bearing minerals

Sl. No.	Name of Mineral Blocks
17.	Selenium bearing minerals
18.	Tantalum bearing minerals
19.	Tellurium bearing minerals
20.	Tin bearing minerals
21.	Titanium bearing minerals and ores (ilmenite, rutile and leucoxene).
22.	Tungsten bearing minerals
23.	Vanadium bearing minerals
24.	Zirconium bearing minerals and ores including zircon



LIST OF 7TH SCHEDULE MINERALS

Sl. No.	Mineral	Sl. No.	Mineral	Sl. No.	Mineral
1.	Apatite	11.	Lithium bearing minerals.	21.	Silver
2.	Beryl and other beryllium bearing minerals	12.	Molybdenum bearing minerals	22.	Tantalum bearing minerals
3.	Cadmium bearing minerals	13.	Niobium bearing minerals	23.	Tellurium bearing minerals
4.	Cobalt bearing minerals	14.	Nickel bearing minerals.	24.	Tin bearing minerals
5.	Copper bearing minerals	15.	Potash	25.	Titanium bearing minerals and ores (ilmenite, rutile and leucosene).
6.	Diamond	16.	Platinum group of elements bearing minerals	26.	Tungsten bearing minerals
7.	Gold	17.	Minerals of 'rare earths' group	27.	Vanadium bearing minerals
8.	Graphite	18.	Rhenium bearing minerals*	28.	Zinc bearing minerals
9.	Indium bearing minerals*	19.	Rock Phosphate	29.	Zirconium bearing minerals and ores including zircon
10.	Lead bearing minerals	20.	Selenium*		

** These minerals do not have any primary source and are associated with primary ores of base metals. Currently, India does not produce these mineral commodities.*







भारतीय भूवैज्ञानिक सर्वेक्षण GEOLOGICAL SURVEY OF INDIA

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- **GSI is mandated to carry out mapping and exploration within the EEZ of India**

R. V. Samudra Ratnakar (Since 2014)



R. V. Samudra Shaudhikama (Since 1983)



R. V. Samudra Kaustubh (Since 1983)



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THE OFFSHORE ACTIVITIES OF THE GEOLOGICAL SURVEY OF INDIA (GSI)

➤ Available in NGDR portal

BASILINE SURVEY

Bathymetry

Gravity Data

Magnetic Data

Sub-bottom Profiling

Seismic Data

Oceanographic Data

Surface and Subsurface sediment data

- Based on the baseline data and exploration data Offshore Prospective Area (OPA)

R. V. Samudra Ratnakar
(Since 2014)



MINERAL EXPLORATION

- G4 land G3 level exploration in OPA

R. V. Samudra Shaudhikama
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BLOCK GENERATION

- Resource estimation and mineral block delineation for auctioning

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Offshore thematic Programs

OFFSHORE MINERAL EXPLORATION (OMINEX)



OPA
37,570 Sq. km

OPA COVERED
6,204 Sq. km

REMAINING OPA
31,366 Sq. km

LIMEMUD

OPA
1,32,300 Sq. km

OPA COVERED
1,17,920 Sq. km

REMAINING OPA
14,380 Sq. km

CONSTRUCTION SAND



OPA
47,823 Sq. km

OPA COVERED
21,486 Sq. km

REMAINING OPA
26,337 Sq. km

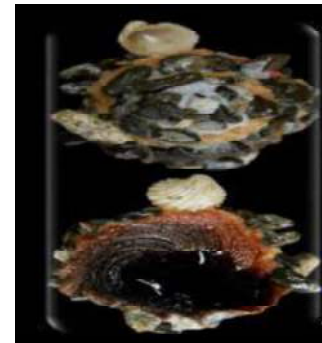
POLYMETALLIC CRUST AND NODULES

OPA
1,37,100 Sq. km

OPA COVERED
60,955 Sq. km

REMAINING OPA
76,145 Sq. km

HEAVY MINERAL PLACERS



OPA
1,10,000 Sq. km

OPA COVERED
34,683 Sq. km

REMAINING OPA
75,317 Sq. km

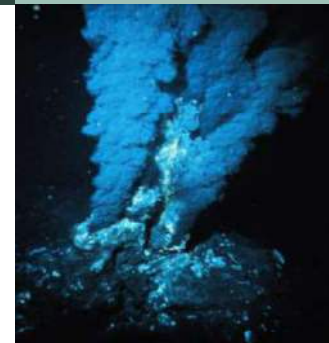
PHOSPHORITE

OPA
1,04,367 Sq. km

OPA COVERED
53,576 Sq. km

REMAINING OPA
50,791 Sq. km

HYDROTHERMAL MINERALS



G4 & G3 level exploration and mineral block delineation for auctioning

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OFFSHORE MINERAL BLOCKS WITHIN THE EEZ OF INDIA

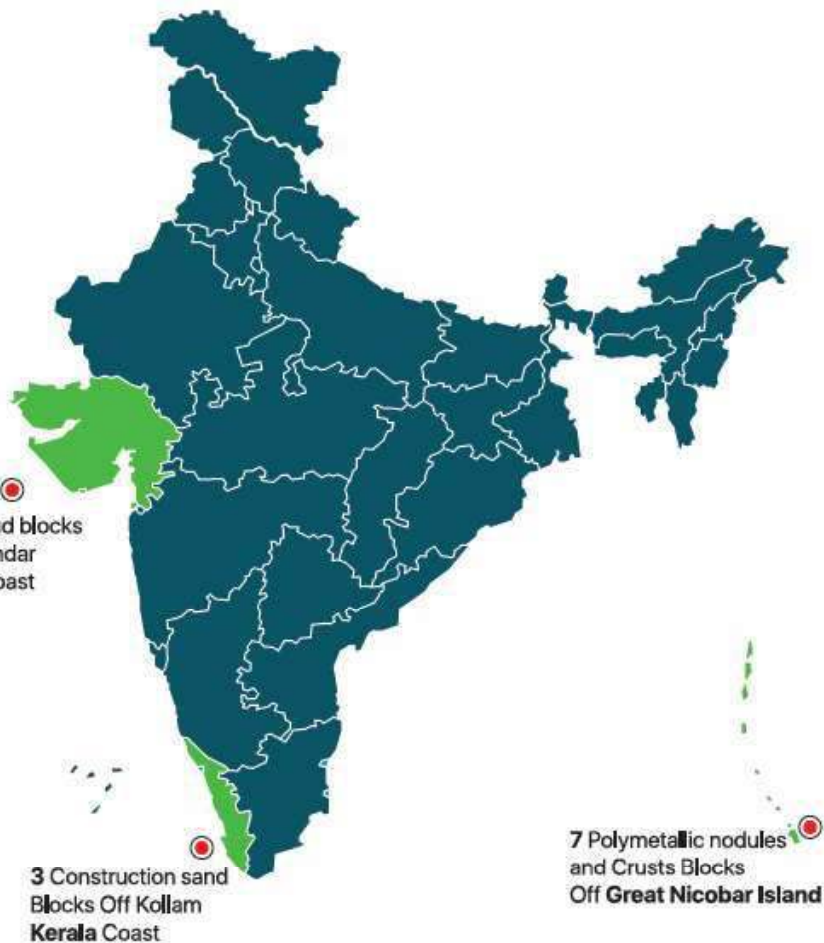
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Offshore Mineral Blocks Generated By GSI



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SL No	Name of the Block	Mineral	Offshore Region	Coast/Sea
1	Porbandar LM Block-1	LIMEMUD	Off Gujarat	West Coast, Arabian Sea
2	Porbandar LM Block-2			
3	Porbandar LM Block-3			
4	Kollam CS Block-1	CONSTRUCTION SAND	Off Kerala	West Coast, Arabian Sea
5	Kollam CS Block-2			
6	Kollam CS Block-3			
7	West Sewell Ridge PMNC Block-1	POLYMETALLIC NODULES AND CRUSTS	Off Great Nicobar Island	Andaman Sea
8	West Sewell Ridge PMNC Block-2			
9	West Sewell Ridge PMNC Block-3			
10	West Sewell Ridge PMNC Block-4			
11	West Sewell Ridge PMNC Block-5			
12	West Sewell Ridge PMNC Block-6			
13	West Sewell Ridge PMNC Block-7			



07

Geological memorandums of Polymetallic Nodules & Crusts Off Nicobar Island, Andaman in 592 Sq. Km area

03

Geological memorandums of limemud off Gujrat accounting to 1712 million tones in 203 Sq. Km area

03

Geological memorandums of Construction Grade Sand off Kerala accounting to 302 million tones in 242 Sq. Km area

13

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Properties:

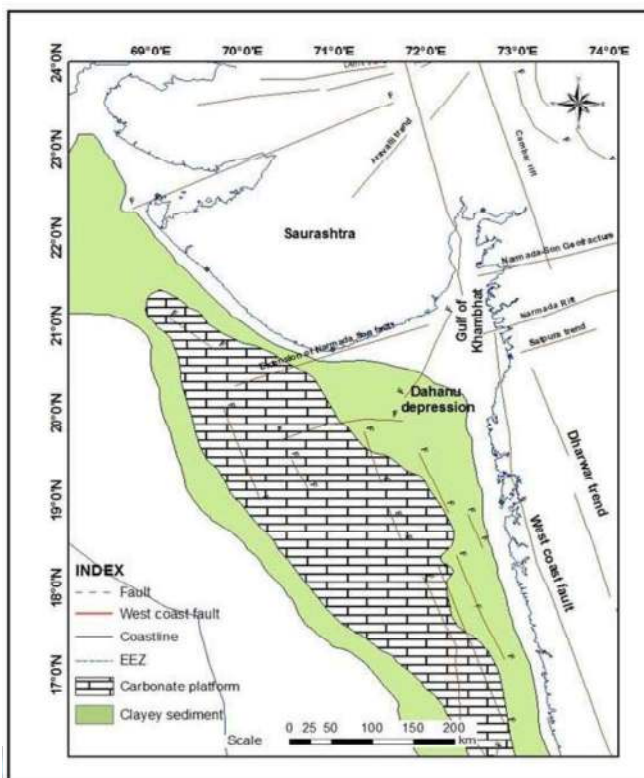
Compositionally
 CaCO_3

Amorphous,
homogeneous

Creamy white,
soft and non
sticky sediments



Limemud sample



Carbonate Platform

Uses:

- Steel
- Filler
- Pharmaceuticals
- Food
- Cement

is on:





OFFSHORE LIMEMUD: A SUSTAINABLE ALTERNATIVE TO HIGH-GRADE CARBONATE MATERIALS

01 Enriched in CaCO_3

02 Easy to Extract

03 High Tonnage

04 Zero-Waste Utilization

05 No Land Acquisition



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Geoscientific data utilized for the carving out of the Limemud blocks

01

Multibeam survey @ 500 m or less interval to prepare a 1:50,000 scale bathy map

02

Sub-bottom profiling @ 2 km interval

03

2 km x 2km grid spaced sampling and generation of sub-samples @ 1 m interval

04

Sedimentological/mineralogical studies

05

Chemical analysis

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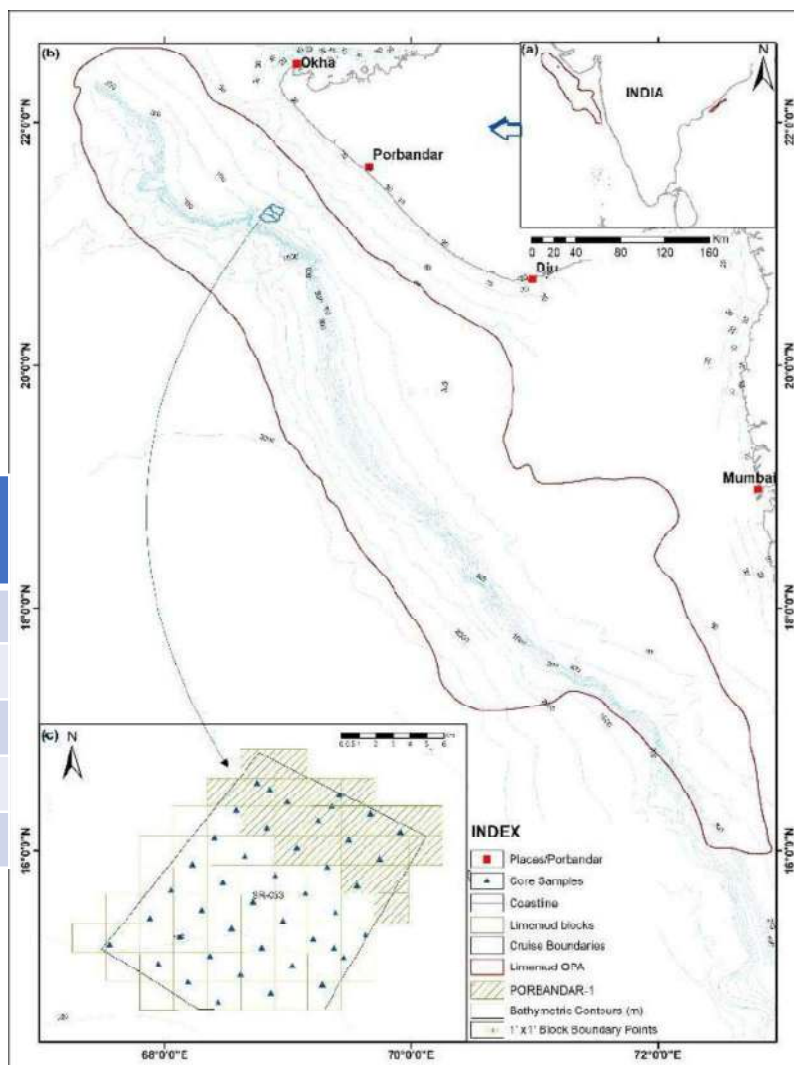


PORBANDAR LIMEMUD BLOCK-1 OFF GUJARAT

CaO values ranges
from 40.14 to 50.74 %

Avg.
46.84 %

	Min %	Max %	Avg%
CaO	40.14	50.74	46.84
Fe ₂ O ₃	0.3	1.85	0.88
MgO	0.54	1.46	0.92
SiO ₂	2.95	13.11	6.65
Na ₂ O	0.48	0.71	0.58



General Information

- ❖ Area- 66.64 Sq. Km
- ❖ No of standard Blocks-21

Resource

- ❖ 522 million tonnes
- ❖ Resource estimated upto 6m

Location

- ❖ West coast, Arabian Sea
- ❖ Distance from the shore-100 Km
- ❖ Water Depth-120 to 160 m

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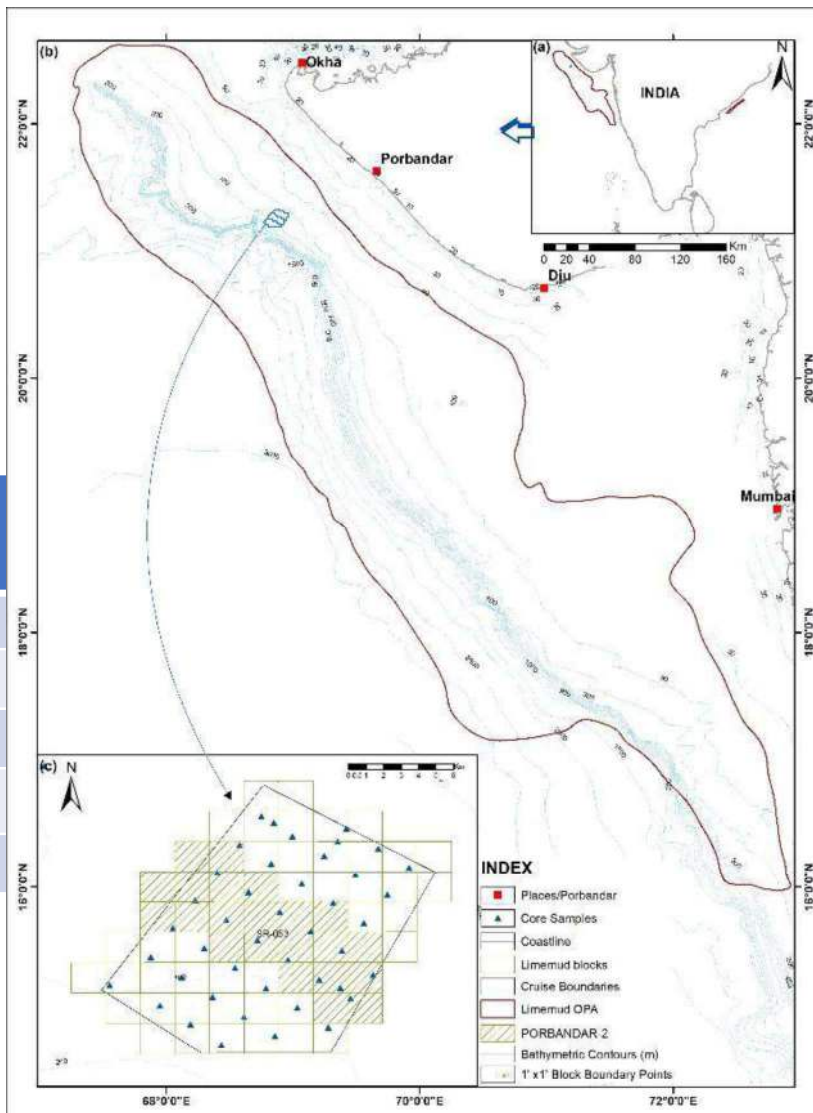


PORBANDAR LIMEMUD BLOCK-2 OFF GUJARAT

CaO values ranges
from 42.62 to 51.2 %

Avg.
49.79 %

	Min %	Max %	Avg%
CaO	42.33	52.97	50.89
Fe ₂ O ₃	0.12	1.58	0.33
MgO	0.24	1.31	0.56
SiO ₂	1.04	10.57	2.58
Na ₂ O	0.46	0.7	0.50



General Information

- ❖ Area- 69.81 Sq. Km
- ❖ No of standard Blocks-22

Resource

- ❖ 632 million tonnes
- ❖ Resource estimated upto 6m

Location

- ❖ West coast, Arabian Sea
- ❖ Distance from the shore-100 Km
- ❖ Water Depth-100 to 120 m

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www.gsi.gov.in

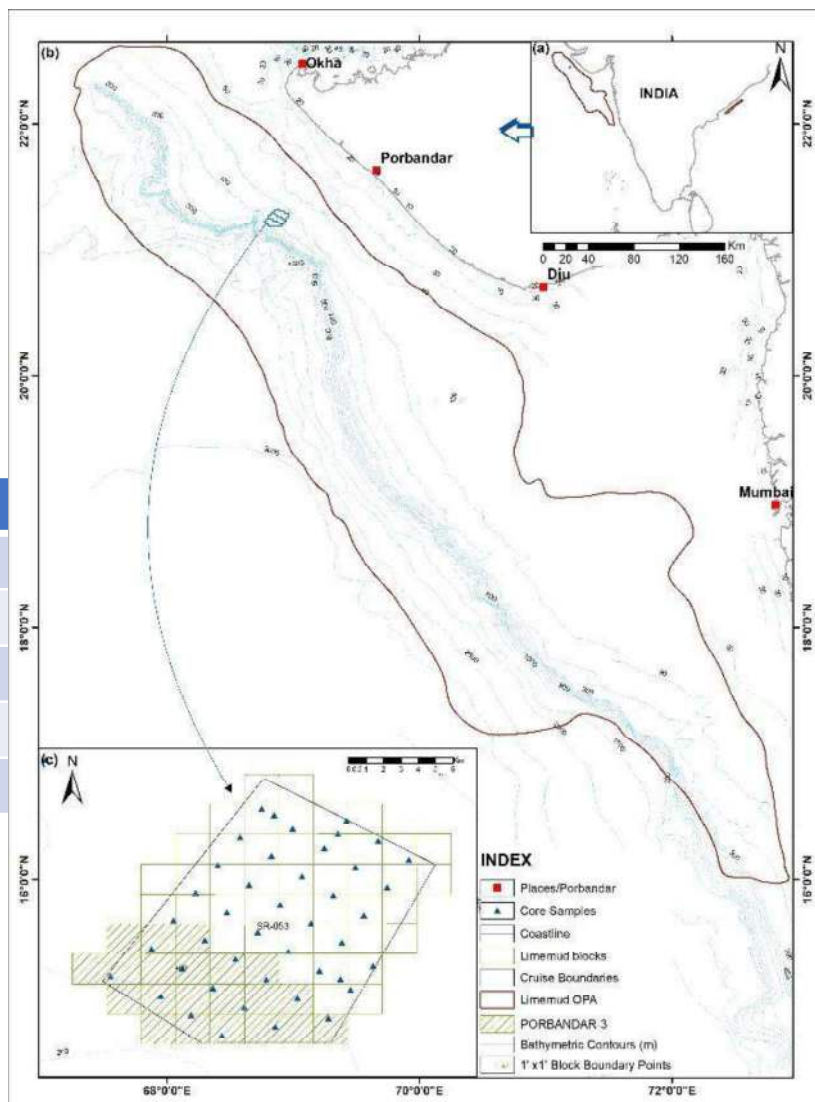


PORBANDAR LIMEMUD BLOCK-3 OFF GUJARAT

CaO values ranges
from 42.33 to 52.97 %

Avg.
50.89 %

	Min %	Max %	Avg%
CaO	42.33	52.97	50.89
Fe ₂ O ₃	0.12	1.58	0.33
MgO	0.24	1.31	0.56
SiO ₂	1.04	10.57	2.58
Na ₂ O	0.46	0.7	0.50



General Information

- ❖ Area- 66.64 Sq. Km
- ❖ No of standard Blocks-21

Resource

- ❖ 558 million tonnes
- ❖ Resource estimated upto 6m

Location

- ❖ West coast, Arabian Sea
- ❖ Distance from the shore-100km
- ❖ Water Depth-80 to 100 m

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Further exploration requirements

Multibeam survey with 50% overlap to prepare a 1:5,000 scale bathy map

Sub-bottom profiling @ 1 km interval

1 km x 1 km grid spaced sampling upto a depth of 10 m and generation of sub-samples 1 m interval

Sedimentological/mineralogical studies and bulk chemical analysis

EIA

- ***Time required for data acquisition – approximately 40 to 50 day voyage***
- ***Equipment requirements – DP 1 vessel with a multibeam echosounder, sub-bottom profiler, sampler for a maximum of 10 m recovery***

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Limemud Mining Methods

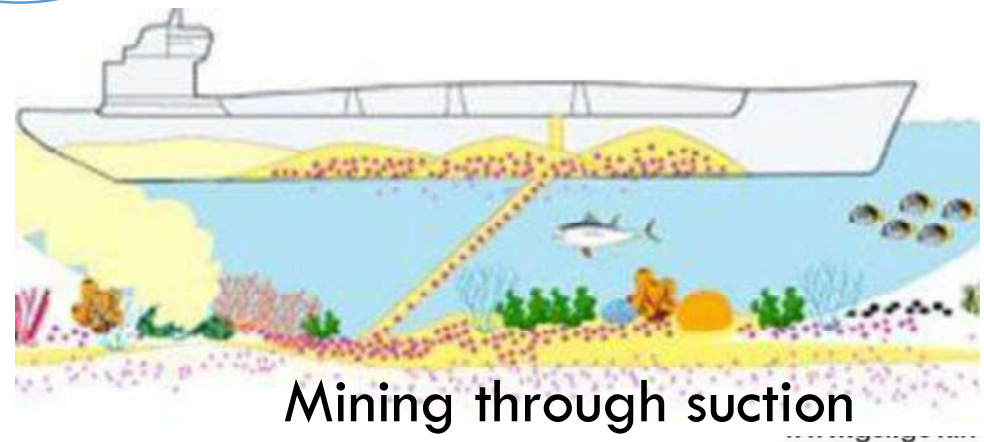
Have high levels of
calcium carbonates and
magnesium

Mining method is dredging
(e.g., clam-shell and suction)

Cost of separation is
reduced owing to the
low degree of mixing



Clam-shell dredger



Mining through suction

Follow us on:





1

Sand is a loose granular material

2

Particle sizes less than 4 mm and more than 0.0625 mm

3

Most common component is Silica

4

The economic viability of sand resources depends on factors such as grain size, shape, and the presence of shell content.

Uses:

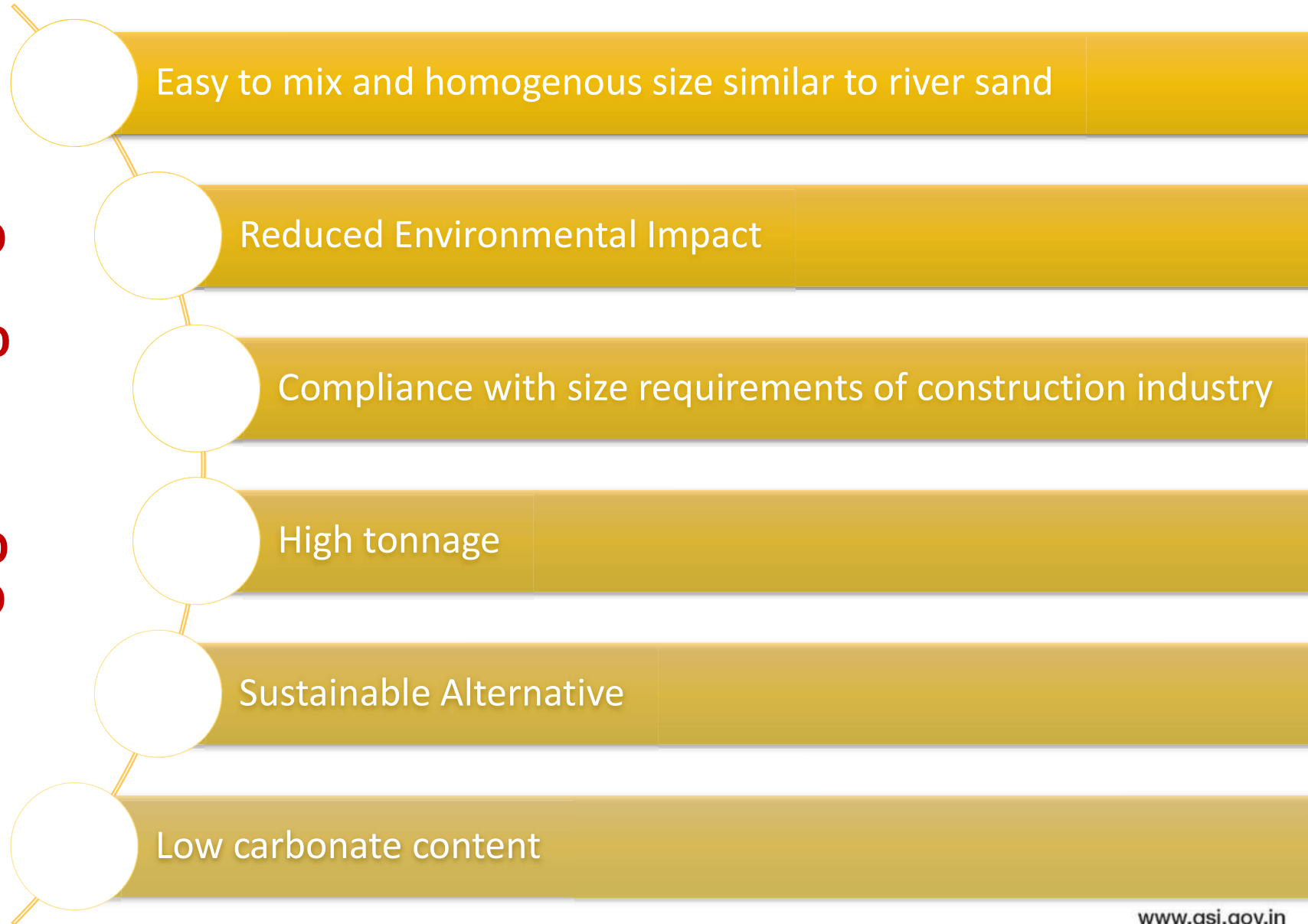
- Construction

is on:





SUITABILITY AND BENEFITS OF OFFSHORE SAND FOR CONSTRUCTION COMPARED TO RIVER SAND AND MANUFACTURED SAND (M-SAND)



Follow us on:





Geoscientific data utilized for the carving out of construction sand blocks

01

Bathymetric map in 1:50000 scale prepared with single beam echo sounder @ 500 m or lesser intervals

02

Shallow seismic survey @ 2 km interval

03

2 km x 2km grid spaced sampling and generation of sub-samples @ 1 m interval

04

Sedimentological/mineralogical studies

05

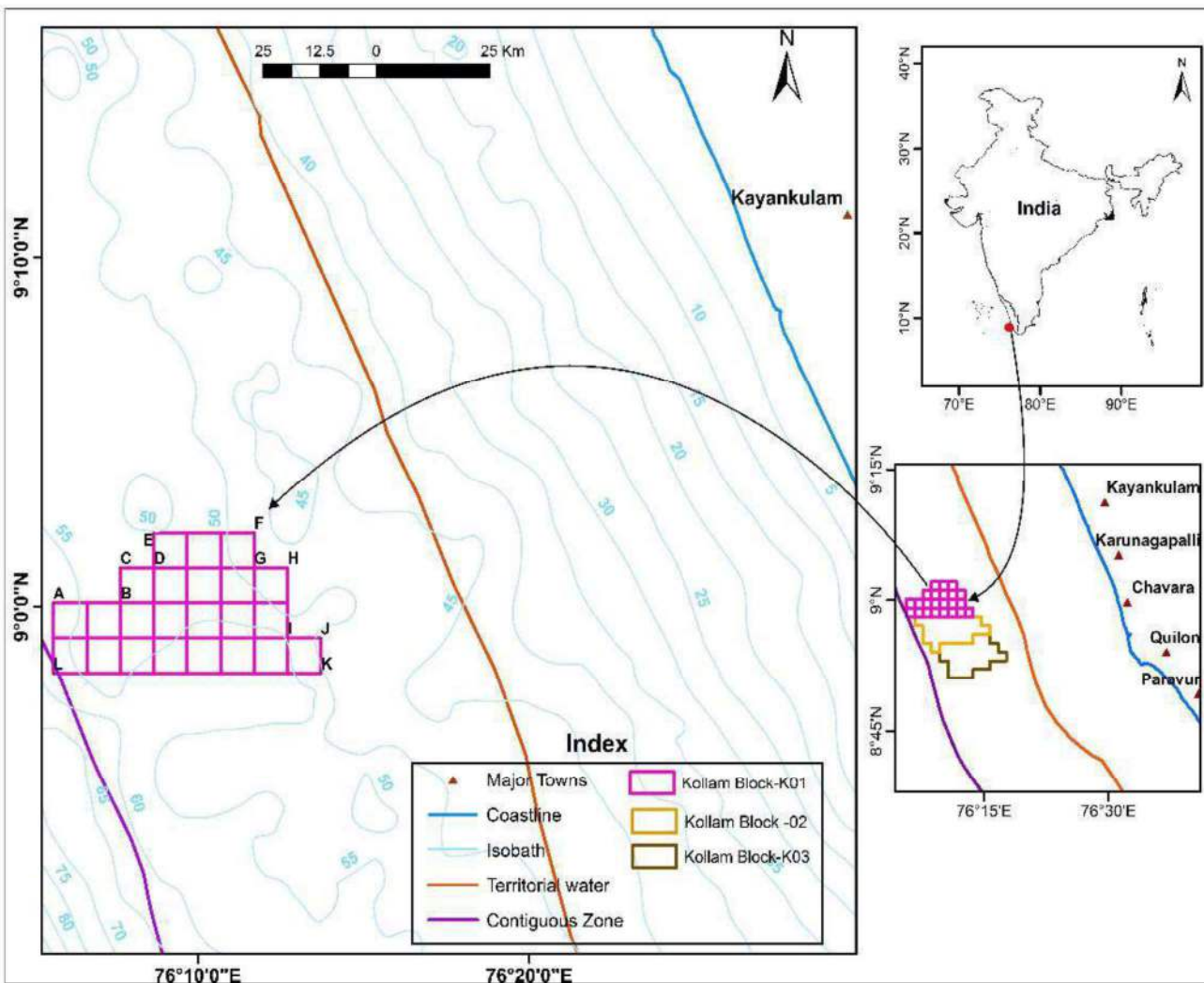
Chemical analysis

Follow us on:





KOLLAM CONSTRUCTION SAND BLOCK-1 OFF KERALA



General Information

- ❖ Area- 79 Sq. Km
- ❖ No of standard Blocks-23

Resource

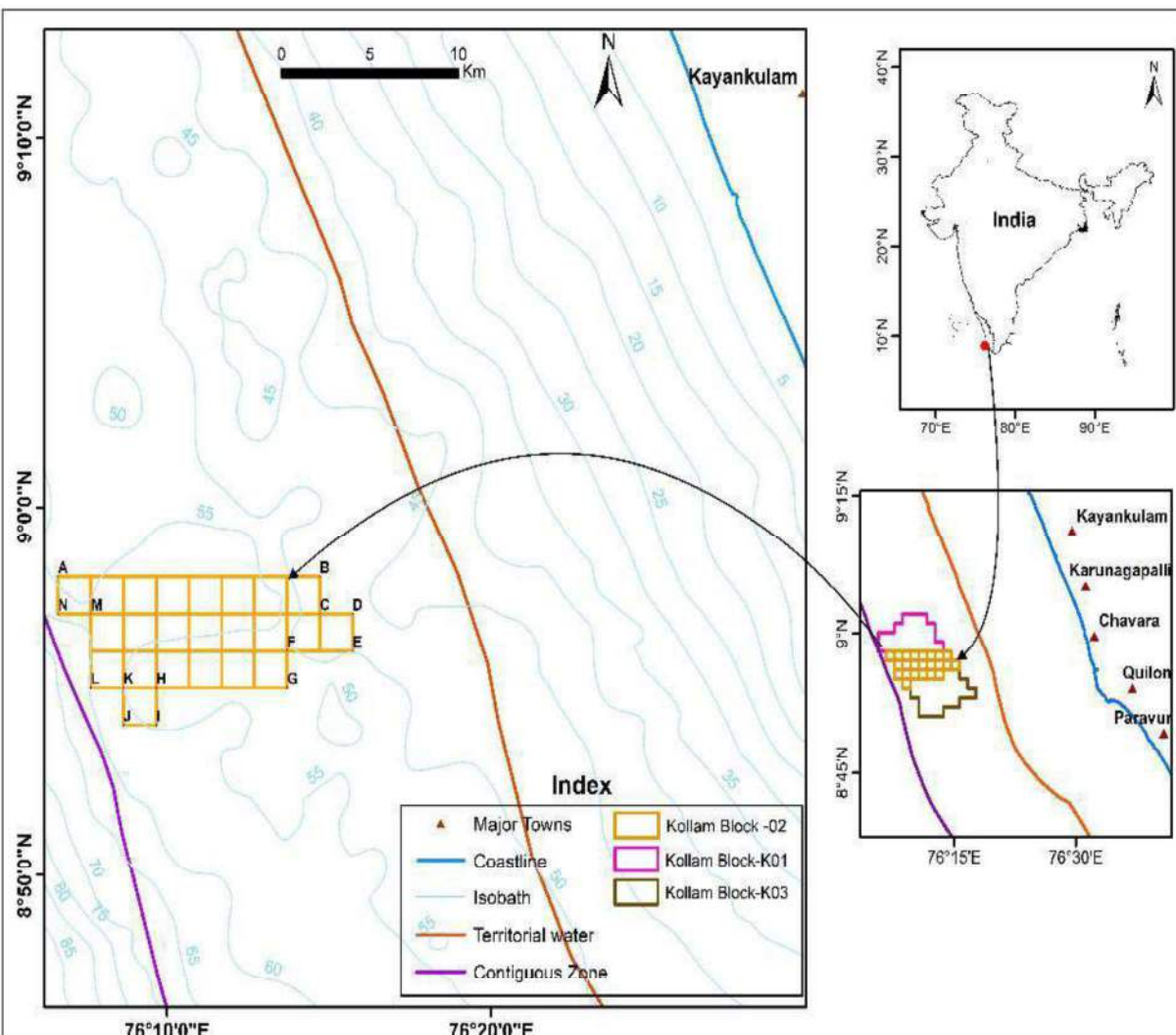
- 100.33 million tonnes (2m bsf)
- ❖ Sand % =24 to 93 (Avg. 56)

Location

- ❖ West coast, Arabian Sea
- ❖ Distance from the shore-33 km
- ❖ Water Depth-53.3 to 62.5m



KOLLAM CONSTRUCTION SAND BLOCK-2 OFF KERALA



General Information

- ❖ Area- 78 Sq. Km
- ❖ No of standard Blocks-23

Resource

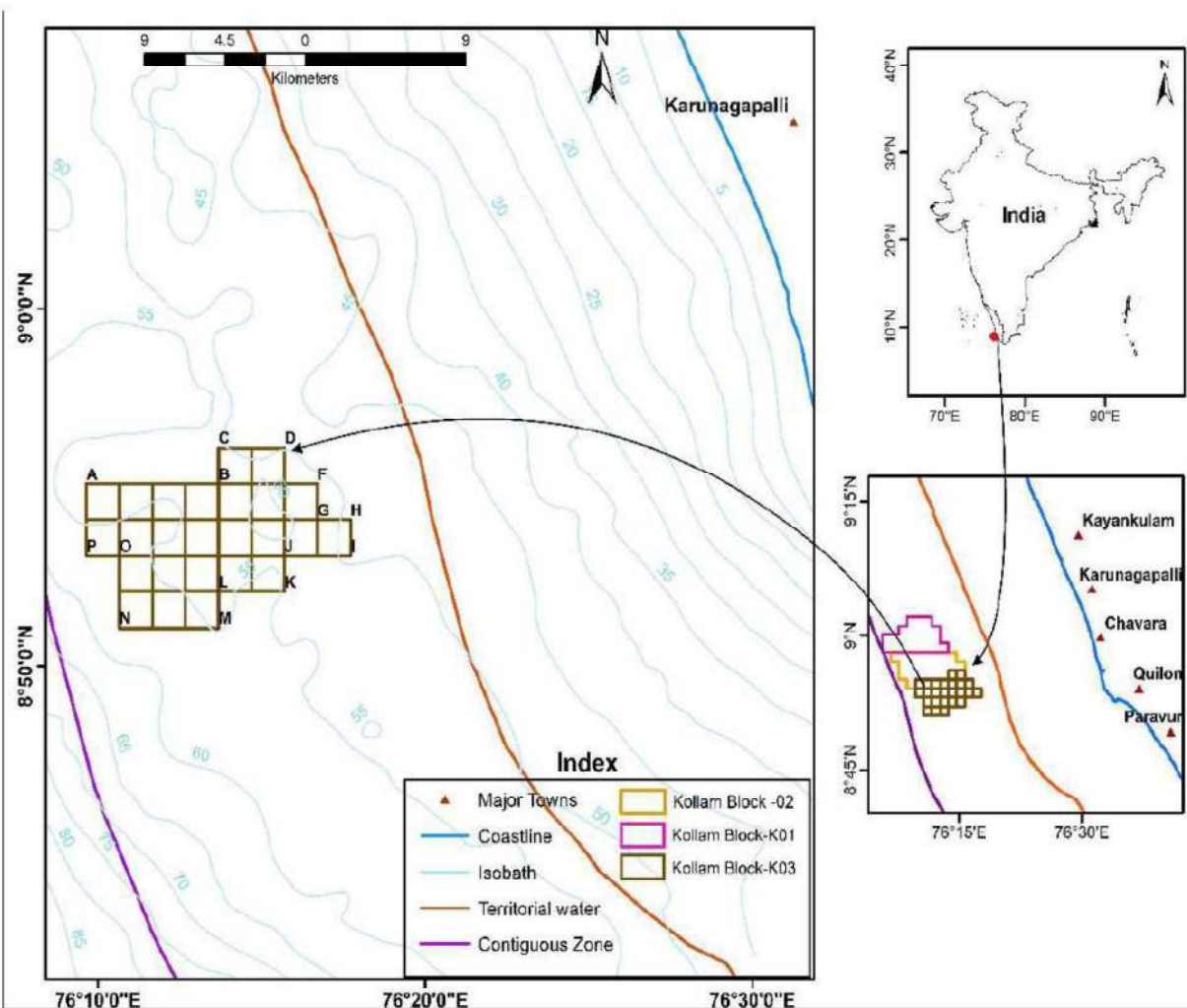
- 100.64 million tonnes (2m bsf)
- ❖ Sand % =17 to 87 (Avg. 53)

Location

- ❖ West coast, Arabian Sea
- ❖ Distance from the shore-30 km
- ❖ Water Depth-48.4 to 61.4m



KOLLAM CONSTRUCTION SAND BLOCK-3 OFF KERALA



General Information

- ❖ Area- 85 Sq. Km
- ❖ No of standard Blocks-25

Resource

- 101.45 million tonnes (2m bsf)
- ❖ Sand % =23 to 97 (Avg. 49)

Location

- ❖ West coast, Arabian Sea
- ❖ Distance from the shore-27 km
- ❖ Water Depth-49.3 to 59m



Further exploration requirements

Multibeam survey with 50% overlap to prepare a 1:5,000 scale bathy map

Shallow seismic profiling @ 1 km interval

1 km x 1 km grid spaced sampling upto a depth of 6 m and generation of sub-samples @ 1 m interval

Sedimentological/mineralogical studies and bulk chemical analysis

EIA

- ***Time required for data acquisition – approximately 40 to 50 day voyage***
- ***Equipment requirements – DP 1 vessel with a multibeam echosounder, shallow seismic system, sampler for a maximum of 6 m recovery***

Follow us on:





Current offshore sand mining methods



Plain suction dredges - vacuum up unconsolidated material



Rotary cutter dredges - Have a cutting tool at the suction inlet to dislodge more consolidated material

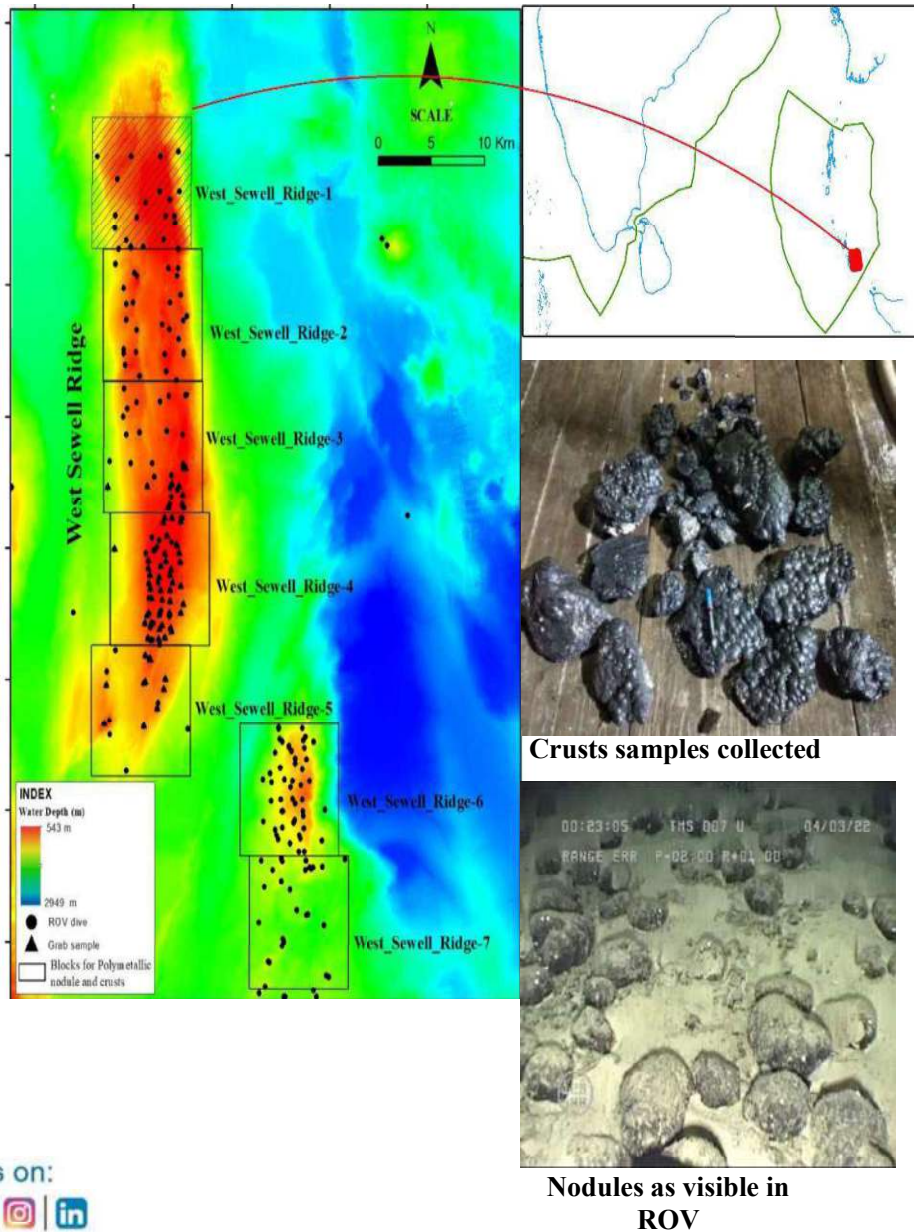


Bucket dredges- Drag a bucket along the sea floor

Follow us on:



POLYMETALLIC NODULES AND CRUST IN THE ANDAMAN SEA



7 blocks each 5' x 5' in West Sewell Ridge, Andaman Sea



- 592.41 Sq. Km has been demarcated
- Based on visual interpretation of ROV footage and chemical analysis of samples



Remotely Operating Vehicle - ROV



● Depth of occurrences - 500 and 1500m

● Manganese and iron, also contain nickel, copper, cobalt, and lead

● Besides Rare Earth Elements

● Main target areas: West Sewell Ridge (WSR), and Sewell Rise (SR) in Andaman Sea



Follow us on:





A viable alternative, with an approximate 1% of Cu, Ni, and Co and Total REE

Reducing waste and selective extraction of multiple metals (Mn, Ni, Cu, Co).

Lower environmental footprint

**Less impact on indigenous populations.
Avoids direct human exposure to hazardous conditions**

Follow us on:





Geoscientific data utilized for the carving out of polymetallic crust and nodule blocks

01

Multibeam bathymetric map in 1:50000 scale

02

Sub-bottom profiling

03

5 km x 5 km grid spaced sampling

04

5 km x 5 km ROV aided video footages

05

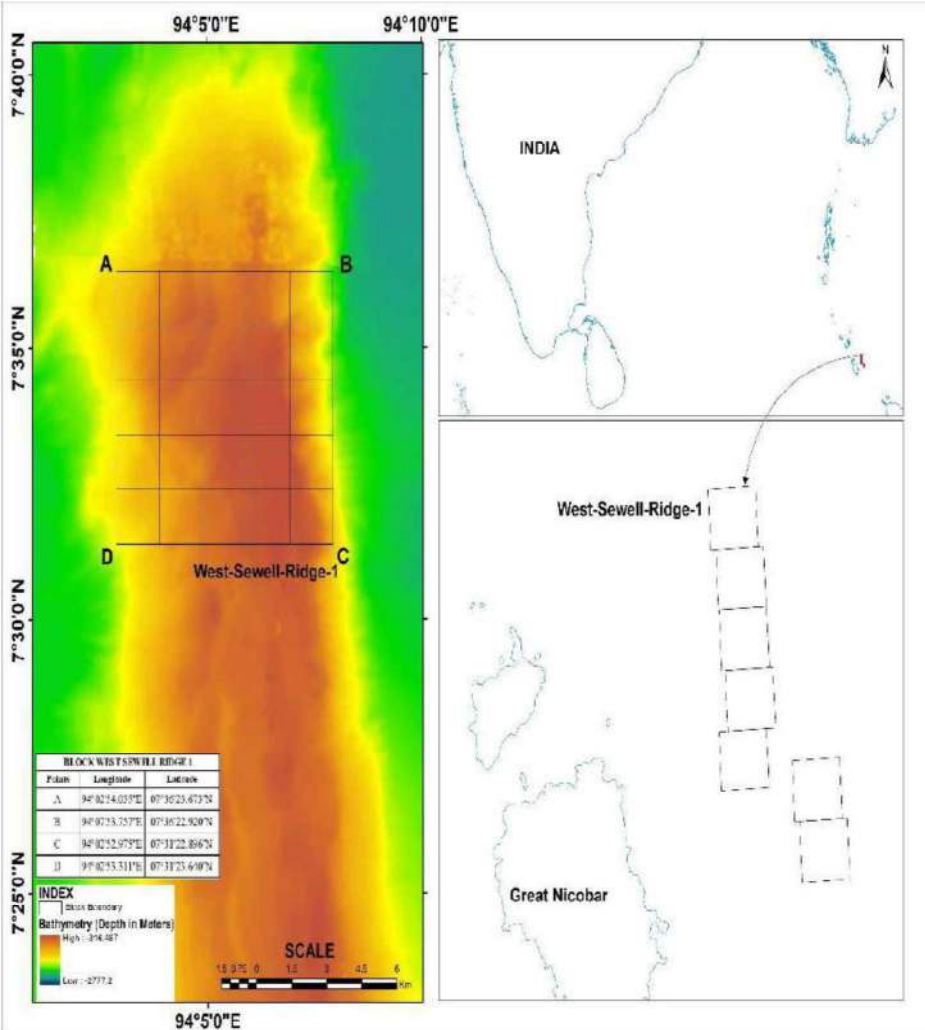
Mineralogical/petrological studies and
Chemical analysis

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WEST SEWELL RIDGE PMNC BLOCK-1



Elemental concentration up to (ppm)

Ba 2661

Co 1893

Cr 844

Cu 464

Ni 5823

Pb 2039

As 1338

Σ REE 1474

General Information

- ❖ Area- 84.63 sq. km
- ❖ No of standard Blocks-25

Resource

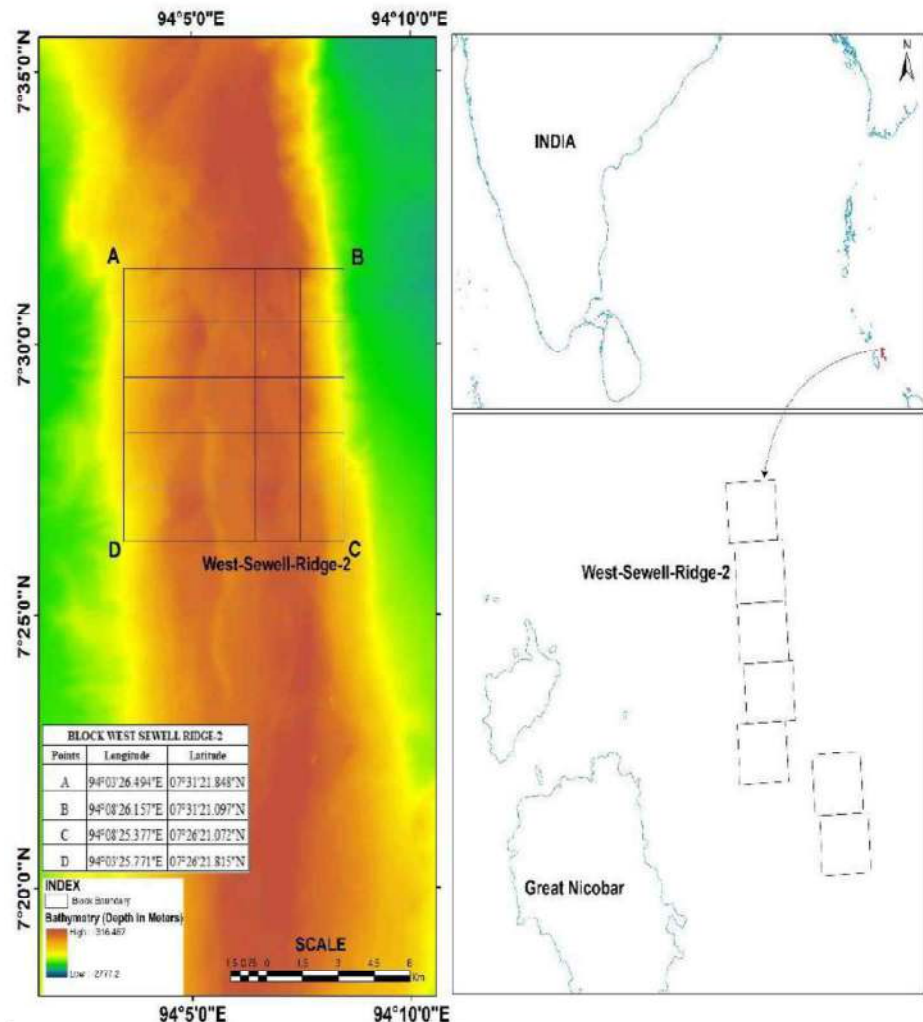
Established the occurrence of PMNC (Reconnaissance mineral exploration).

Location

- ❖ Great Nicobar Island, EEZ of India
- ❖ Distance from the shore-19-50 km
- ❖ Water Depth-552 to 1153 m



WEST SEWELL RIDGE PMNC BLOCK-2



Elemental concentration up to (ppm)

Ba	3518
Co	2226
Cr	1062
Cu	966
Ni	6238
Pb	2189
Zn	757
Sr	1581
Li	158
V	844
Mo	436

ΣREE 1605

General Information

- ❖ Area- 84.63 sq. km
- ❖ No of standard Blocks-25

Resource

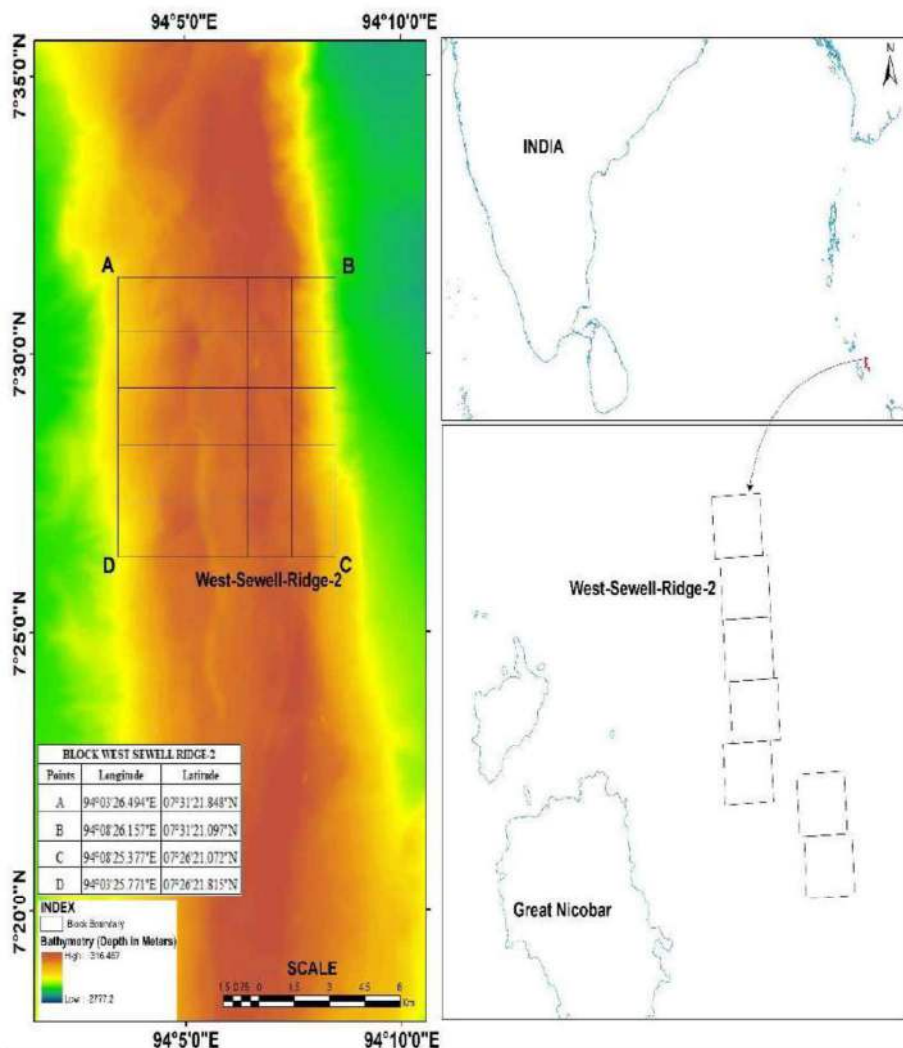
Established the occurrence of PMNC (Reconnaissance mineral exploration).

Location

- ❖ Great Nicobar Island, EEZ of India
- ❖ Distance from the shore-19-50 km
- ❖ Water Depth-600 to 1057 m



WEST SEWELL RIDGE PMNC BLOCK-3



Elemental concentration up to (ppm)

Ba	2997
Co	1924
Cr	1523
Cu	404
Ni	5884
Pb	1525
Zn	764.5
Zr	278.7
As	932
V	892
Yb	29.42
Sc	94

ΣREE 1742

General Information

- ❖ Area- 84.63 sq. km
- ❖ No of standard Blocks-25

Resource

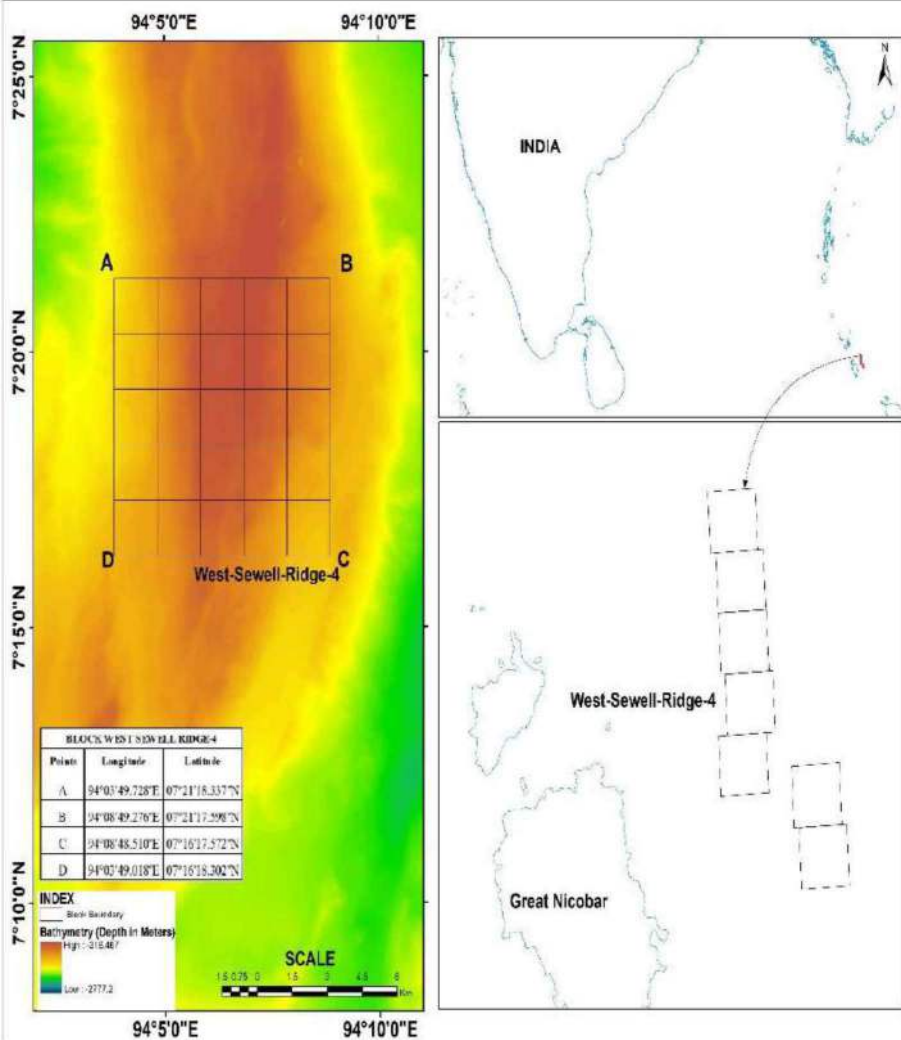
Established the occurrence of PMNC (Reconnaissance mineral exploration).

Location

- ❖ Great Nicobar Island, EEZ of India
- ❖ Distance from the shore-19-50 km
- ❖ Water Depth-557-1491.38 m



WEST SEWELL RIDGE PMNC BLOCK-4



Elemental concentration up to (ppm)

Ba	1967
Co	3476
Cr	674
Cu	380
Ni	5108
Pb	1648
Zn	556
Zr	768
Sr	2213
Rb	186
Σ REE	1742
PGE+ Au (ppb)	29.09

General Information

- ❖ Area- 84.63 sq. km
- ❖ No of standard Blocks-25

Resource

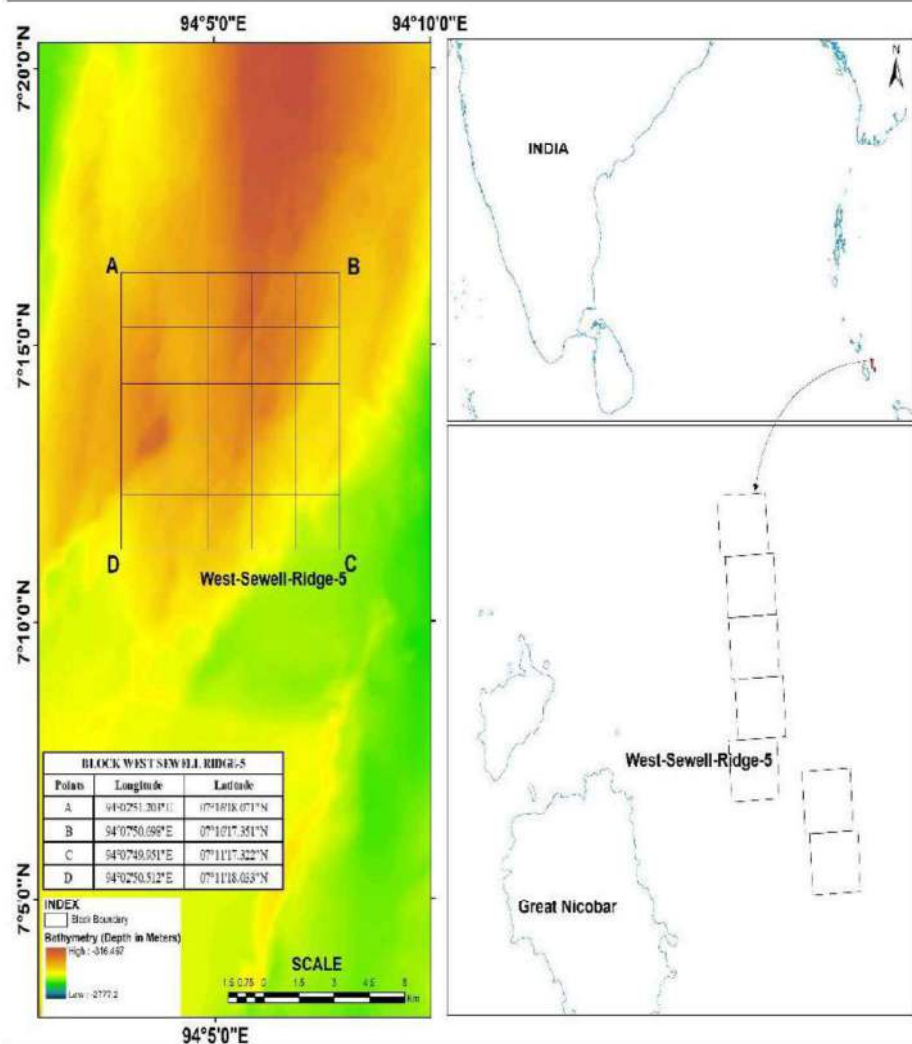
Established the occurrence of PMNC (Reconnaissance mineral exploration).

Location

- ❖ Great Nicobar Island, EEZ of India
- ❖ Distance from the shore-19-50 km
- ❖ Water Depth-592-1328 m



WEST SEWELL RIDGE PMNC BLOCK-5



Elemental concentration up to (ppm)

Ba	2771
Co	1152
Cr	63
Cu	526
Ni	6365
Pb	1119
Zn	638
V	477
Σ REE	1267
PGE+ Au (ppb)	267

General Information

- ❖ Area- 84.63 sq. km
- ❖ No of standard Blocks-25

Resource

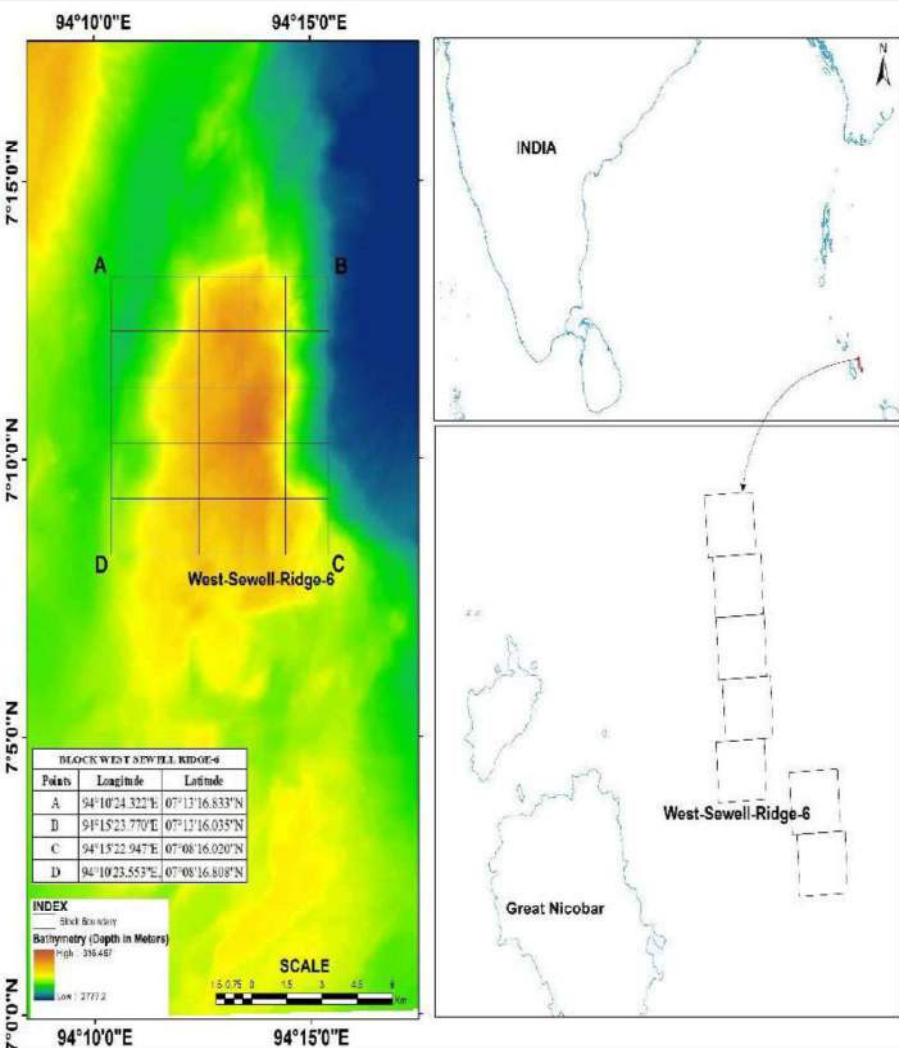
Established the occurrence of PMNC (Reconnaissance mineral exploration).

Location

- ❖ Great Nicobar Island, EEZ of India
- ❖ Distance from the shore-19-50 km
- ❖ Water Depth-788-1386 m



WEST SEWELL RIDGE PMNC BLOCK-6



Elemental concentration up to (ppm)

Ba	4620
Co	943
Cr	745
Cu	334
Ni	1958
Pb	612
Zn	436
Zr	345
V	334
Σ REE	576
PGE+ Au (ppb)	672

General Information

- ❖ Area- 84.63 sq. km
- ❖ No of standard Blocks-25

Resource

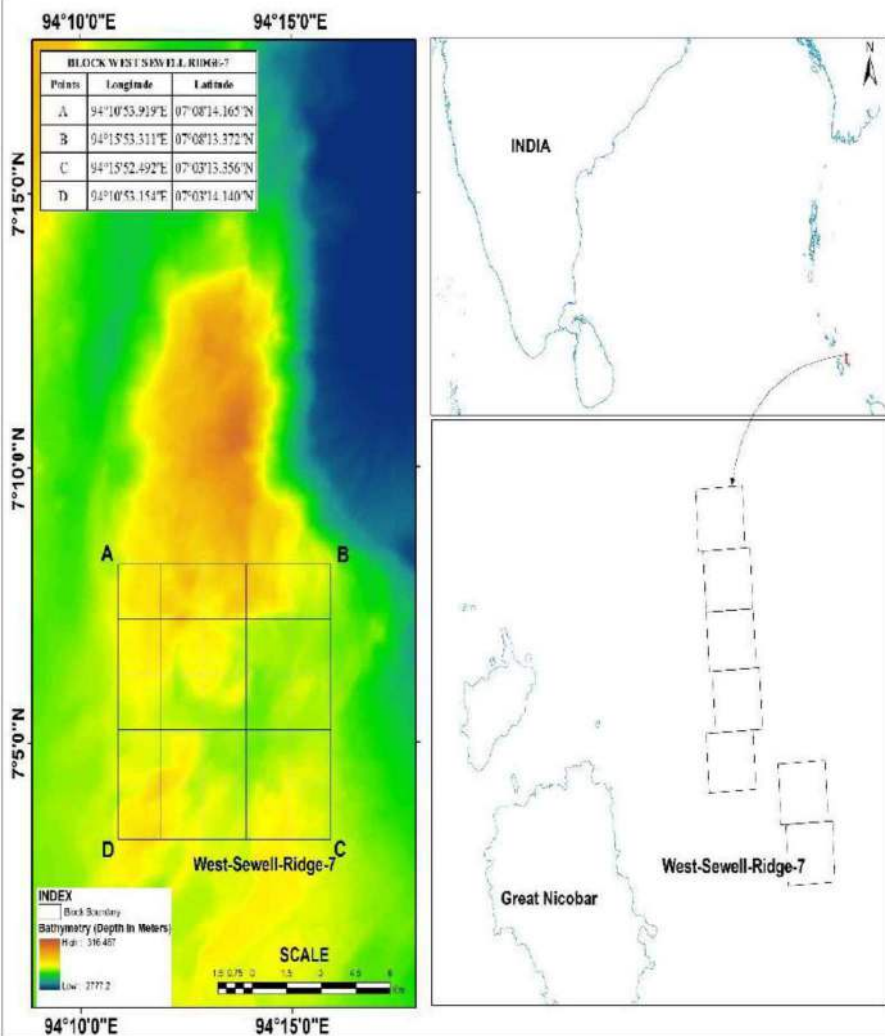
Established the occurrence of PMNC (Reconnaissance mineral exploration).

Location

- ❖ Great Nicobar Island, EEZ of India
- ❖ Distance from the shore-19-50 km
- ❖ Water Depth-922-1461m



WEST SEWELL RIDGE PMNC BLOCK-7



Elemental concentration up to (ppm)

Ba	3539
Co	1183
Cr	663
Cu	432
Ni	1692
Pb	833
Zn	465
Zr	176
V	321

Σ REE 1259.07

General Information

- ❖ Area- 84.63 sq. km
- ❖ No of standard Blocks-25

Resource

Established the occurrence of PMNC (Reconnaissance mineral exploration).

Location

- ❖ Great Nicobar Island, EEZ of India
- ❖ Distance from the shore-19-50 km
- ❖ Water Depth-1145-1571m



Further exploration requirements

Multibeam survey with 50% overlap to prepare a 1:5,000 scale bathy map

Sub-bottom profiling @ 1 km interval

1 km x 1 km grid spaced sampling upto a depth of 1 m

Sedimentological/mineralogical studies and bulk chemical analysis

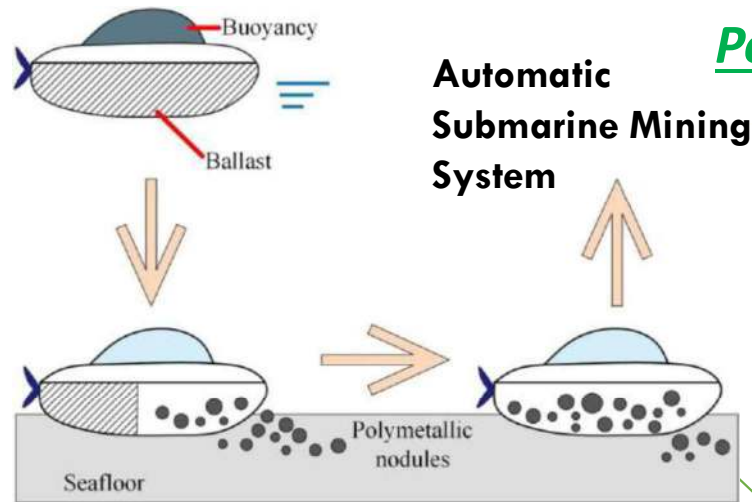
Laboratory scale beneficiation studies

EIA

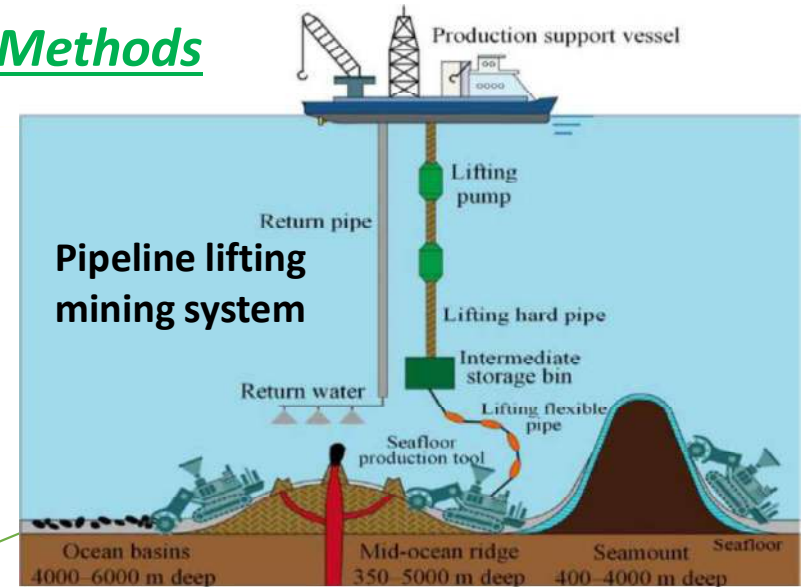
- ***Time required for data acquisition – approximately 40 to 50 day voyage***
- ***Equipment requirements – DP 1 vessel with a multibeam echosounder, sub-bottom profiler, Remotely Operated Vehicle with manipulator for sample recovery, dredge sampler***

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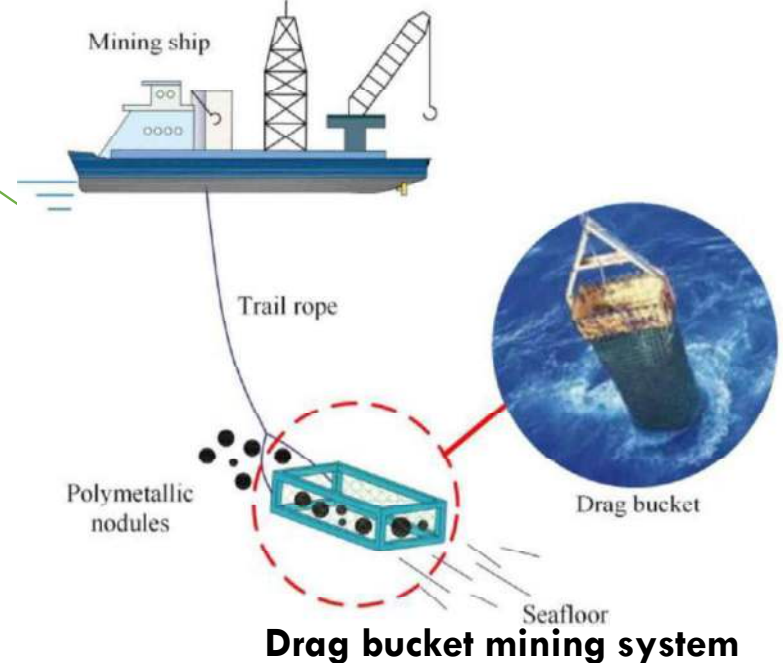
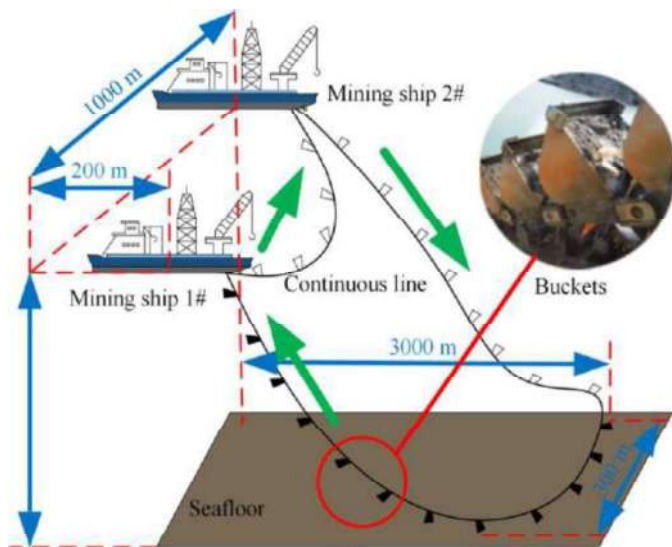




Possible Mining Methods



Deep-sea mining systems



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Continuous line bucket mining system.



Exploratory Mining Trials were conducted in the Andaman Sea for polymetallic nodules by NIOT using indigenously built seabed mining machine, Varaha-3 in Oct 24



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Contact Us:

Deputy Director General & HoD
Marine & Coastal Survey Division
Pandeshwar, Mangaluru
Karnataka 575001

Email: hod.mw@gsi.gov.in

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Offshore Area Mineral Block Auctions

Presentation on e-Auction
portal for MLCL of Offshore
Minerals.



Offshore Mineral Home Page



Mineral Block Auction

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Mining Leases and Composite Licenses

Click for Highlights **Important: Bidders/Applicants are**

Critical Minerals
Mineral Block Auction
Exploration Licences
Offshore Minerals

75th ANNIVERSARY
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e-Bidding Portal for Critical Minerals, Mining Leases and Composite Licenses, Exploration Licenses & Offshore Area Mineral Blocks

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2. Login as Seller
3. Login as TCM

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Offshore Mineral Home Page



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Offshore Area Mineral Block Auctions

Click for Highlights **Important: Bidders/Applicants are advised to check the contents of this website**

Critical Minerals
Mineral Block Auction
Exploration Licences
Offshore Minerals

Model Tender Document
Mine Block Summary
Notice Inviting Tender

e-Bidding Portal for Critical Minerals, Mining Leases and Composite Licenses, Exploration Licenses & Offshore Area Mineral Blocks

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https://mstcecommerce.com/auctionhome/container.jsp?title_id=Mine%20Block%20Summary&linkid=0&main_link=y&sublink=...

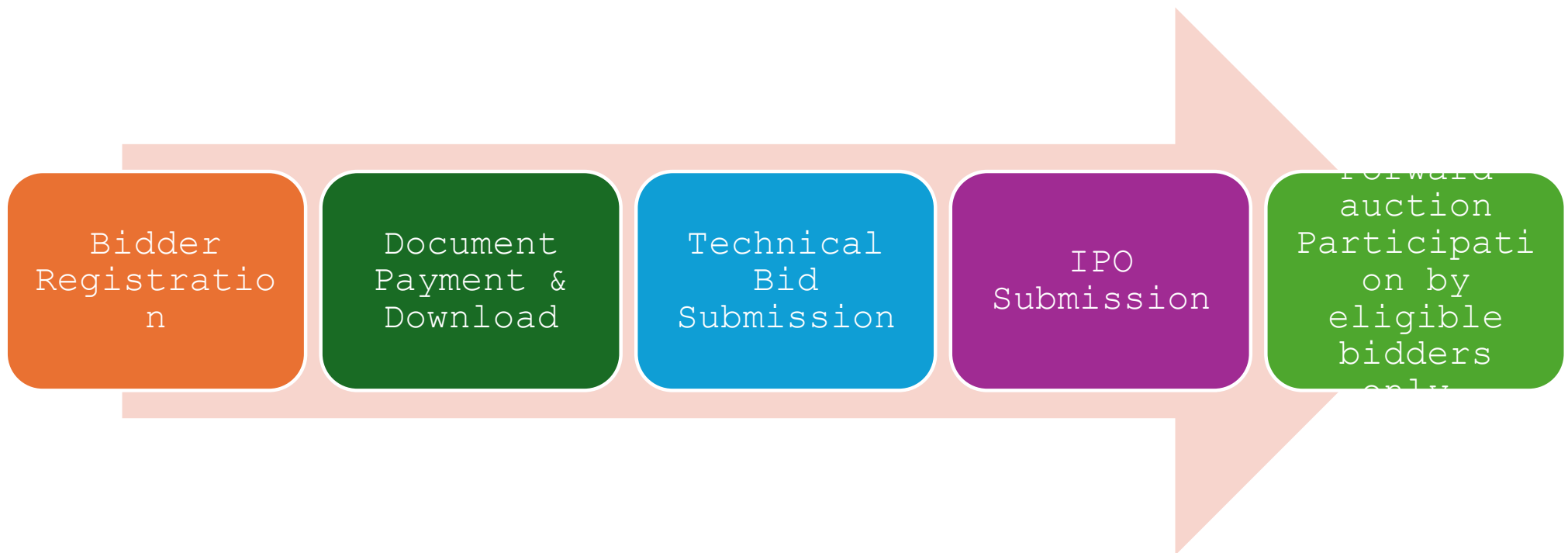
MSTC LIMITED
Street No. – 175, Plot No. – CF 18/2, Action Area – 1C
Newtown, Kolkata-700 156, India
Phone : (033) 2340-0000/0011/0012/0013

Mine Block Summary

MBS_WSR_PMNC_Block-2
MBS_Kollam_CS_Block-1
MBS_Kollam_CS_Block-2
MBS_Kollam_CS_Block-3
MBS_Porbander_LM_Block-1
MBS_Porbander_LM_Block-2
MBS_Porbander_LM_Block-3
MBS_WSR_PMNC_Block-1
MBS_WSR_PMNC_Block-3
MBS_WSR_PMNC_Block-4
MBS_WSR_PMNC_Block-5

5:17 PM
10-Dec-24

Steps to be followed in the bidding process:





STEP 1: BIDDER REGISTRATION

- Registration has to be done on the [Mineral Block Auction](#) portal of MSTC.
- Bidder shall require Class III , Signing plus encryption type DSC for registration and participation in the Auction.



Bidder - Registration



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Click for Highlights **Important: Bidders/Applicants are advised to check the contents of the**

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e-Bidding Portal for Critical Minerals, Mining Leases and Composite Licenses, Exploration Licenses & Offshore Area Mineral Blocks

Registration

karora

.....

☒ Bidder ☐ Seller ☐ TCM

Select State

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Forgot Password

5:19 PM 10-Dec-24

Bidder Registration Process



Browser tabs: InPrivate (2), General Terms and Conditions

Address bar: <https://cma.mstcauction.com/auctionhome/Layouts/register.html>

Navigation bar: Admin Login Page..., Welcome to MCL A..., Admin Dashboard, Auction catalog, EMD Status, Favourites, Bid sheet, Search Buyer, Seller Info, Other favorites

Header banner: MSTC logo, keyboard keys (Insert, Delete, End), pie chart, line graph

Navigation links: Home, About Us, Contact Us, Help, www.mstcindia.co.in

GENERAL TERMS & CONDITIONS OF e-AUCTION

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1. WELCOME TO MSTC

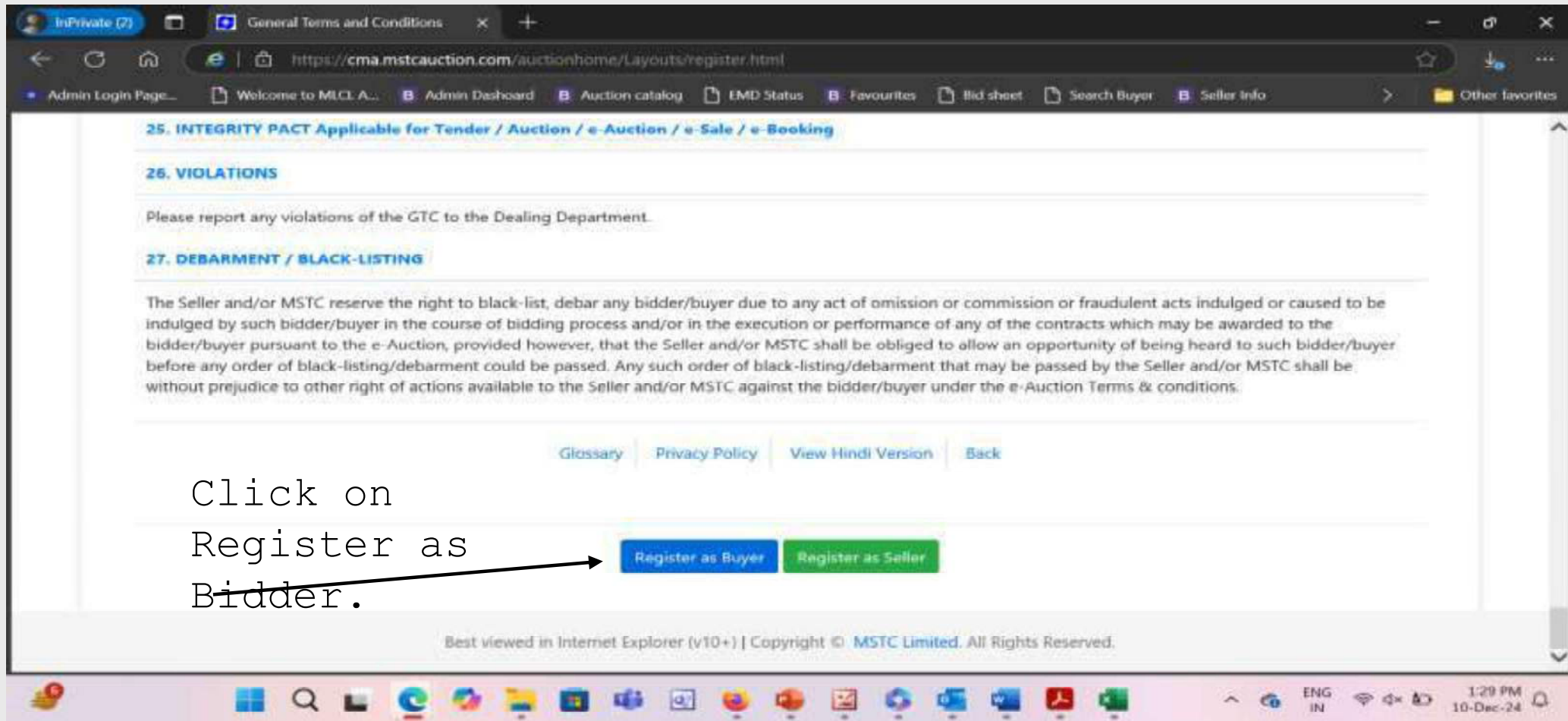
This unique service of auction on the internet is offered to you, subject to the following General Terms & Conditions of Service ("GTC"), which may be updated by MSTC from time to time without notice to you. You can review the most current version of the GTC at any time at www.mstcecommerce.com. In addition, when using particular MSTC services, you and MSTC shall be subject to any Guidelines or Rules applicable to such services which may be posted from time to time. All such Guidelines or Rules are hereby incorporated by reference into the GTC. MSTC may offer other services from time to time, which are governed by different General Terms & Conditions of Services.

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You are responsible for obtaining access to the Service and that access may involve third party fees (such as Internet service provider or airtime charges). You are responsible for those fees. In addition, you are responsible for all equipment necessary to access the Service.

Windows taskbar: ENG IN, 1:28 PM, 10-Dec-24

Bidder Registration Process



The screenshot shows a web browser window with the URL <https://cma.mstcauction.com/auctionhome/Layouts/register.html>. The page content includes sections for Integrity Pact, Violations, and Debarment/Black-listing. At the bottom, there are two buttons: "Register as Buyer" (blue) and "Register as Seller" (green). An arrow points from the text "Click on Register as Bidder." to the "Register as Buyer" button.

25. INTEGRITY PACT Applicable for Tender / Auction / e-Auction / e-Sale / e-Booking

26. VIOLATIONS

Please report any violations of the GTC to the Dealing Department.

27. DEBARMENT / BLACK-LISTING

The Seller and/or MSTC reserve the right to black-list, debar any bidder/buyer due to any act of omission or commission or fraudulent acts indulged or caused to be indulged by such bidder/buyer in the course of bidding process and/or in the execution or performance of any of the contracts which may be awarded to the bidder/buyer pursuant to the e-Auction, provided however, that the Seller and/or MSTC shall be obliged to allow an opportunity of being heard to such bidder/buyer before any order of black-listing/debarment could be passed. Any such order of black-listing/debarment that may be passed by the Seller and/or MSTC shall be without prejudice to other right of actions available to the Seller and/or MSTC against the bidder/buyer under the e-Auction Terms & conditions.

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Reg Process Contd.



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https://cma.mstcauction.com/auctionhome/mstc/registration/buyer_reg_new.jsp

Admin Login Page New Welcome to MLC Ad... Admin Dashboard Auction catalog EMD Status Favorites Bid sheet Search Buyer Seller Info Other Bookmarks Finish setup

कृपया ध्यान दें कि आपका पंजीकरण डेटा हटा दिया जाएगा यदि आपका पंजीकरण इस ऑनलाइन फॉर्म को जमा करने की तारीख से 30 दिनों के भीतर सक्रिय नहीं किया गया है।
Please note that your registration data shall be deleted if your registration is not activated within 30 days from the date of submission of this online form.
यदि बोलीदाता के पास पहले से ही उसी पैन / जीएसटी नंबर के साथ एक निष्क्रिय खाता है जिसके साथ वर्तमान पंजीकरण किया गया है, तो एमएसटीसी आपके नए पंजीकरण को सक्रिय करने में सक्षम नहीं हो सकता है।
In case bidder already has a deactivated account with the same PAN/GST number with which the current registration is done, MSTC may not be able to activate your new registration.

कंपनी का प्रकार / Company Type*:	Individual
केता का प्रकार / Buyer Type*:	Non Coal Mines
कंपनी का नाम/व्यक्ति का नाम / Company Name / Name of individual	Keshav Arora Limited
अधिकृत व्यक्ति का नाम / Name of Authorized Person* :	Keshav Arora
डाक पता/ Postal Address*:	New Delhi
शहर / City*	Delhi
पिन / Pin*:	110063
राज्य/ केंद्र शासित प्रदेश / State/Union Ter.*:	Delhi
देश / Country*:	INDIA
ई मेल / E Mail*:	offshorebuyer1@mailinator.com
फोन / Phone*:	9830430434
फैक्स / Fax:	

2:46 PM 10-Dec-24

Reg Process Contd.



Bidder Registration x ludhiana pin code - Google Se: x

https://cma.mstcauction.com/auctionhome/mstc/registration/buyer_static.jsp

Admin Login Page New Welcome to MLCL Ad... Admin Dashboard Auction catalog EMD Status Favourites Bid sheet Search Buyer Seller Info Other Bookmarks Finish setup

MSTC

Home About Us Contact Us Help www.mstcindia.co.in

You are registered successfully.

Dear Sir/Madam,

Company/Individual Name: Harsha Metals

Thank You for registering with us. A confirmation mail has been sent to your email. Please follow the instructions in the mail.

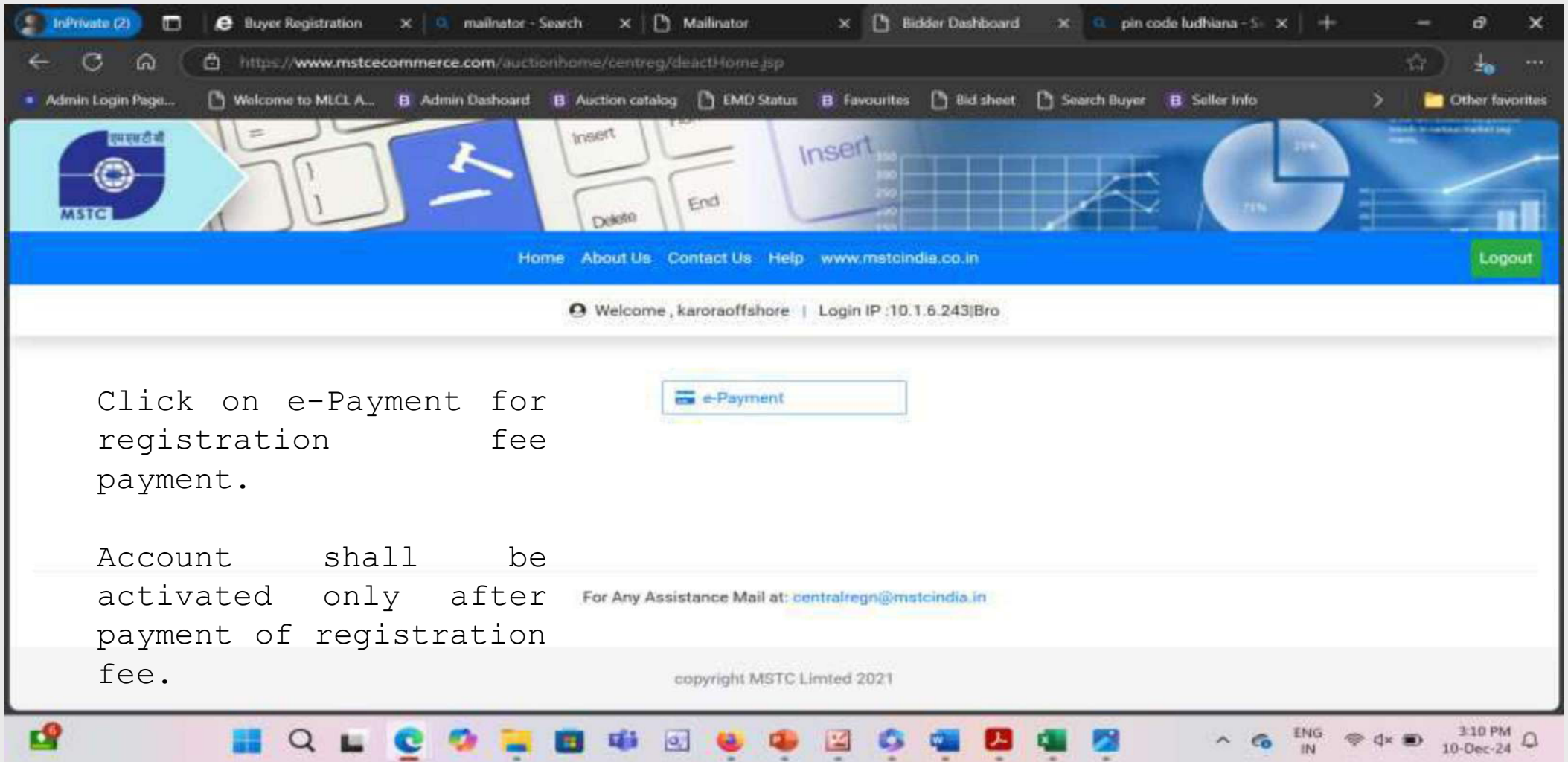
Regards,

MSTC Admin

https://www.mstcecommerce.com/auctionhome/mlc/index.jsp

ENG IN 2:53 PM 10-Dec-24

Reg Process Contd.



The screenshot displays the MSTC e-commerce portal. The browser address bar shows the URL <https://www.mstcecommerce.com/auctionhome/centreg/deactHome.jsp>. The page features a blue header with the MSTC logo, navigation links (Home, About Us, Contact Us, Help, www.mstcindia.co.in), and a Logout button. Below the header, a welcome message reads "Welcome, karoraoffshore | Login IP :10.1.6.243|Bro". The main content area contains a large button labeled "e-Payment" and a text instruction: "Click on e-Payment for registration fee payment." Below this, it states: "Account shall be activated only after payment of registration fee." A link for assistance is provided: "For Any Assistance Mail at: centralregn@mstcindia.in". The footer includes the copyright notice "copyright MSTC Limited 2021". The Windows taskbar at the bottom shows the time as 3:10 PM on 10-Dec-24.

Click on e-Payment for registration fee payment.

Account shall be activated only after payment of registration fee.

For Any Assistance Mail at: centralregn@mstcindia.in

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Reg Process Contd.



Browser tabs: InPrivate (2), Buyer Registration, mailinator - Search, Mailinator, Registration Fee Paym..., pin code ludhiana - 5...

Address bar: https://www.mstcecommerce.com/auctionhome/centreg/deactPayment_payu.jsp

Navigation: Admin Login Page..., Welcome to MLCL A..., Admin Dashboard, Auction catalog, EMD Status, Favourites, Bid sheet, Search Buyer, Seller Info, Other favorites

Header banner: MSTC logo, keyboard keys (Insert, Delete, End), auctioneer gavel, charts, and graphs.

Navigation bar: Home, About Us, Contact Us, Help, www.mstcindia.co.in, Logout

Welcome, karoraoffshore | Login IP: 10.1.6.243|Bro

Registration Payment

Registration Amount:

Payment Type: ☐ NEFT/RTGS ☐ Onlinepay

[Proceed To Payment](#)

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Best viewed in Internet Explorer (v10+)

Taskbar: Windows Start button, Search, Task View, Edge, Chrome, File Explorer, Mail, Photos, OneDrive, Word, PowerPoint, Excel, Outlook, and system tray with date/time (3:10 PM, 10-Dec-24).

Bidder - Login



Browser tabs: Admin, EMD St, Auction, MLCL, Close, MSTC, MSTC, retailm, Mineral

Address bar: <https://mstcecommerce.com/auctionhome/mlcln/login.jsp>

Navigation bar: Admin Login Page, Welcome to MLCL A, Admin Dashboard, Auction catalog, EMD Status, Favourites, Bid sheet, Search Buyer, Seller Info, Other favorites



Offshore Area Mineral Block Auctions

Click for Highlights **Important: Bidders/Applicants are advised to check the contents of th**

Critical Minerals

Mineral Block Auction

Exploration Licences

Offshore Minerals



e-Bidding Portal for Critical Minerals, Mining Leases and Composite Licenses, Exploration Licenses & Offshore Area Mineral Blocks

Registration

Login

karora

☒ Bidder ☐ Seller ☐ TCM

Select State

Login

Forgot Password

Windows taskbar: 5:19 PM 10-Dec-24

Login as Bidder



Enter the user id



Enter password



Select "Bidder"



Select state as Offshore Minerals - GOI

STEP 2: Purchase of Paid Documents.



Free documents can be downloaded by visiting the [Mineral Block Auction](#) portal of MSTC.



Only registered bidders shall be allowed to make payment for and download paid documents.

E-payment for Paid Documents



Welcome to MSTC Auction Site

cma.mstcauction.com/auctionhome/mstc/category_select_micl.jsp

Data Entry | Welcome to MLCL A... | Admin Login | MSTC WEBMAIL INT... | Office | Auction Catalog Re... | Net Banking Report | Search Buyer | All Bookmarks

01.02.2024, are exclusively available on the new portal. for bidding/Opening bid events, please go to the old portal. Reports for old as well as new events will be visible on both portals

Click on e-Payment for payment towards purchase of paid documents.

AUCTION

View Live / Forthcoming Auctions »

Change Password | General T&C | Buyer T&C

Download Document | **e-Payment** | Download Paid Document

Upload Cancelled cheque / Bank Mandate form | Delete DSC | Update Bank Details

For Any Assistance Mail At: miclmstc@mstcindia.in

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https://cma.mstcauction.com/auctionhome/mstc/scrap_netbankingmicl.jsp

ENG IN 4:40 PM 10-Dec-24

e-Payment



Scrap Netbanking

cma.mstcauction.com/auctionhome/mstc/scrap_netbankingmlcl.jsp

Data Entry Welcome to MLCL A... Admin Login MSTC WEBMAIL INT... Office Auction Catalog Re... Net Banking Report Search Buyer All Bookmarks

e-Payment for MINE Block [Home](#)

Choose the Block(s) :	KOLLAM CONSTRUCTION SAND BLOCK-1 demo ▾
Mine Name :	KOLLAM CONSTRUCTION SAND BLOCK-1 demo
Event No :	MSTC/NRO/Demo II Designated Officer/3/Shastri Bhawan/24-25/1696 [e-Tender for MLCL]
Enter Amount :	100000.0
Netbanking	RTGS/NEFT

Windows taskbar: 4:40 PM 10-Dec-24

Download Paid Documents



Browser tabs: Welcome to MSTC Auction Site, DOWNLOAD PAID DOCUMENT

Address bar: cma.mstcauction.com/auctionhome/docmgntsystem/paiddoc/download_paid_doc.jsp

Navigation bar: Data Entry, Welcome to MLCL A..., Admin Login, MSTC WEBMAIL INT..., Office, Auction Catalog Re..., Net Banking Report, Search Buyer, All Bookmarks

DOWNLOAD PAID DOCUMENTS

File Name	Download File
KOLLAM CONSTRUCTION SAND BLOCK-1 demo	Download

Bidder shall be allowed to download the documents for only those Mine block against which payment has been successfully paid to MSTC.

Taskbar: Windows icons, Search, ENG IN, 5:31 PM 10-Dec-24

Auction Process



Click on “Click for Auctions” link to proceed for file upload and bid submission.



Click on Stage 1 Bid Submission for technical cum IPO submission.

- Step 3: Technical Bid submission.



Technical bids can be submitted only against the Mine blocks for which the Tender document fee has been paid by the bidder.



Uploading and attaching documents is mandatory for submitting the technical bid.

Auction Process



Click on "Upload Documents" to upload files

Click on "Attach Documents" to attach the files with a particular tender.

Click on "Bid Floor Manager" for submission of online Technical Cum IPO.

Upload Documents



Browser window showing the upload page for documents. The URL is `cma.mstcauction.com/auctionhome/docmngtssystem/upload_file_multiple_mcl...`.

A message box from `cma.mstcauction.com` says: "Please attach document to respective events". The message box has an "OK" button.

The page content includes a link to "Back To Stage I" and a section titled "Documents". The text states: "Documents are same to any event. If the documents are not attached to the respective event, documents have to be **attached** through the 'Attach Documents' link to the respective conditions for submission of technical bids."

There is a section for "Upload" with a button "Upload File(s)" and a "Search By Title" dropdown menu set to "all".

UPLOAD DATE	FILE TITLE	REMOVE
-------------	------------	--------

The browser's taskbar at the bottom shows various application icons and the system clock indicating 4:48 PM.

Attach Documents



Attach File To Event

cma.mstcauction.com/auctionhome/docmgntsystem/attach_detach_documents_mlc.jsp

Data Entry Welcome to MLC A... Admin Login MSTC WEBMAIL INT... Office Auction Catalog Re... Net Banking Report Search Buyer All Bookmarks

Back

Select Event For Attaching File : KOLLAM CONSTRUCTION SAND BLOCK-1 demo - MSTC/NRO/Demo II Designated Officer/3/Shastri Bhawan/24-25/1696[37788] ▼

[Disclaimer](#)

- Click [Attach](#) to attach file to selected event
- Click [Detach](#) to detach file from selected event

Search By Title

SL NO.	FILE NAME	TYPE	ATTACH/DETACH FILE	FILE TITLE
1	Signed_AL_MSTC_NRO_24-25_4734.pdf	pdf	Detach	demo

Windows taskbar: 4:48 PM 10-Dec-24

Bid Floor



Event Details

cma.mstcauction.com/auctionhome/mlcl/admin/e_tender_tech_bid_user.jsp

Hi KESHAV ARORA

EVENT INFO [Back](#)

Current Server Time: 10.12.2024 16:45:21 IST

Event No	Event Type	Event Start Time	Event Close Time	Currency
MSTC/NRO/Demo II Designated Officer/3/Shastri Bhawan/24-25/1696	Stage I Technical-cum-IPO Submission	10.12.2024 16:37:00	19.12.2024 14:30:00	INR

No	Name	Technical Bid	Initial Price Offer	Bid Status
1	KOLLAM CONSTRUCTION SAND BLOCK-1 demo	Technical Bid	Initial Price Offer	No Bid Saved

Once the documents has been attached bidders would be required to submit the technical bid first and then the Initial price offer.

4:45 PM 10-Dec-24

Technical Bid Submission



Browser address bar: cma.mstcauction.com/auctionhome/mlcl/admin/tech_bid_cover_1.jsp

Navigation bar: Data Entry, Welcome to MLCL A..., Admin Login, MSTC WEBMAIL INT..., Office, Auction Catalog Re..., Net Banking Report, Search Buyer, All Bookmarks

Name of Contract : KOLLAM CONSTRUCTION SAND BLOCK-1 as per KRF Number : Demo

1.1 TECHNO COMMERCIAL SPECIFICATION		
1	We have read the terms and conditions in the Tender document and confirm acceptance for the same. Further we confirm that we have reviewed the information provided about the Block before submitting our bid. DEMO	AGREE
2	We confirm that technical bid and IPO is submitted as per the provisions of the tender document. DEMO.	AGREE
3	We have reviewed the terms of tender document and hereby unconditionally and irrevocably accept , agree and acknowledge the terms thereof. DEMO	AGREE
4	We confirm that documents accompanying the technical bid are true copies of their respective originals. DEMO	AGREE
5	We confirm that we have uploaded and attached electronically all the relevant documents required as per the provisions of the tender document. DEMO	AGREE
6	We confirm that original physical copy of all the relevant documents are submitted as per the provisions of tender document. DEMO	AGREE
7	We confirm that we satisfy all the eligibility conditions prescribed in the tender document and have submitted all the documents to evidence compliance with the tender document. DEMO	AGREE

Save

Windows taskbar: 4:45 PM, 10-Dec-24

Technical Bid Submission



Browser address bar: cma.mstcauction.com/auctionhome/mlcd/admin/tech_bid_cover_1.jsp

Navigation links: Data Entry, Welcome to MLCL A..., Admin Login, MSTC WEBMAIL INT..., Office, Auction Catalog Re..., Net Banking Report, Search Buyer, All Bookmarks

Name of Cont	YOU AM CONSTRUCTION CAMP BLOCK 1	DEP Number	Date
1.1 TECHN			
1	We h accep provi		
2	We c tende		
3	We h irrev		
4	We confirm that documents accompanying the technical bid are true copies of their respective originals. DEMO	AGREE	
5	We confirm that we have uploaded and attached electronically all the relevant documents required as per the provisions of the tender document. DEMO	AGREE	
6	We confirm that original physical copy of all the relevant documents are submitted as per the provisions of tender document. DEMO	AGREE	
7	We confirm that we satisfy all the eligibility conditions prescribed in the tender document and have submitted all the documents to evidence compliance with the tender document. DEMO	AGREE	

Bid Signing

Please Sign the bid with your registered DSC. Your unique challenge code is 337104.

Proceed To Sign

Close

Windows taskbar: 4:45 PM, 10-Dec-24

IPO Submission

 HI KESHAV ARORA

EVENT INFO

[Back](#)

Event Details	Current Server Time:	10.12.2024 16:46:46	IST	
Event No	Event Type	Event Start Time	Event Close Time	Currency
MSTC/NRO/Demo II Designated Officer/3/Shastri Bhawan/24-25/1696	Stage I Technical-cum-IPO Submission	10.12.2024 16:37:00	19.12.2024 14:30:00	INR

Technical Bid Successfully Accepted

No	Name	Technical Bid	Initial Price Offer	Bid Status
1	KOLLAM CONSTRUCTION SAND BLOCK-1 demo	Technical Bid	Initial Price Offer	Technical Bid Saved

Once the technical bid has been submitted the bidder would be allowed to submit the Initial price offer.

IPO Submission



Browser address bar: cma.mstcauction.com/auctionhome/mlcl/admin/tech_bid_cover_2_new.jsp

Navigation links: Data Entry, Welcome to MLCL A..., Admin Login, MSTC WEBMAIL INT..., Office, Auction Catalog Re..., Net Banking Report, Search Buyer, All Bookmarks

Hi KESHAV ARORA [Back](#)

Event Details		Server Time : 2024/12/10 16:48:58		
Event No.	Event Type	Event Start Date	Event Close Date	Currency
MSTC/NRO/Demo II Designated Officer/3/Shastri Bhawan/24-25/1696	Stage I Technical-cum-IPO Submission	10.12.2024 16:37:00	2024-12-19 14:30:00.0	INR

Initial Price Offer

PLEASE ENTER ALL VALUES AND CLICK ON SAVE BUTTON TO SAVE YOUR QUOTE

KOLLAM CONSTRUCTION SAND BLOCK-1 as per RFP Number : Demo

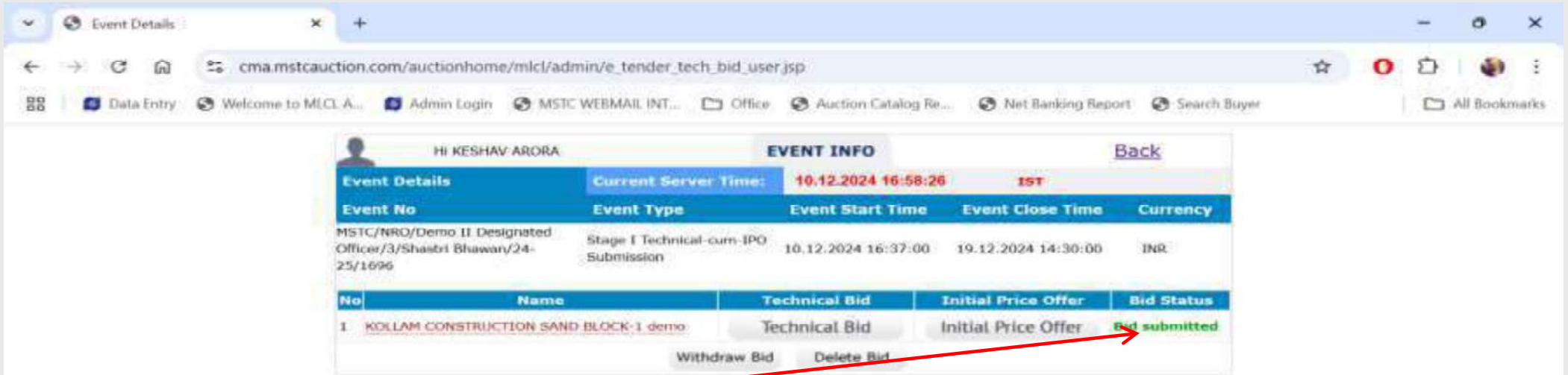
Percentage of Value of Mineral Dispatched.

Bid Value : Two point Zero

Final Submission

Windows taskbar: 4:48 PM 10-Dec-24

Bid Submission



The screenshot shows the MSTC auction portal interface. At the top, the user is logged in as "HI KESHAV ARORA". The "EVENT INFO" section displays the following details:

Event No	Event Type	Event Start Time	Event Close Time	Currency
MSTC/NRO/Demo II Designated Officer/3/Shastri Bhawan/24-25/1696	Stage I Technical-cum-IPO Submission	10.12.2024 16:37:00	19.12.2024 14:30:00	INR

Below the event details, a table shows the submitted bid:

No	Name	Technical Bid	Initial Price Offer	Bid Status
1	KOLLAM CONSTRUCTION SAND BLOCK-1 demo	Technical Bid	Initial Price Offer	Bid submitted

A red arrow points from the "Bid submitted" status to the text box below.

Once IPO is submitted, the status changes to **Bid Submitted**

Bidder has is given an option to Delete his bid and resubmit after this stage.

IPO Bid is signed using DSC.



Browser window showing the MSTC auction portal. The URL is cma.mstcauction.com/auctionhome/mlcl/admin/tech_bid_cover_3_new.jsp. The page displays a "Bid Signing" dialog box with the message: "Please Sign the bid with your registered DSC. Your unique challenge code is 1002160." Below the message is a green button labeled "Proceed To Sign" and a red button labeled "Close". The background shows a form for entering bid details, including "KOLLAM CONSTRUCTION SAND BLOCK-1 as per RFP Number : Demo", "Percentage of Value of Mineral Dispatched" (set to 2), and "Bid Value : Two point Zero". A "Final Submission" button is visible at the bottom of the form.

PLEASE ENTER ALL VALUES AND CLICK ON SAVE BUTTON TO SAVE YOUR QUOTE

KOLLAM CONSTRUCTION SAND BLOCK-1 as per RFP Number : Demo

Percentage of Value of Mineral Dispatched. 2

Bid Value : Two point Zero

Final Submission

Stage 1: Tender Process

At Bid Floor Manager.

- The bidder may submit the technical bid and IPO.

Status of the bid

- The status of the bid will be shown as Bid Submitted.

After Final Submission, the Bidder can

- Withdraw its bid by Withdraw button
- Delete its bid by Delete button

Step 4: Participation in Forward Auction. (Stage II)



ONLY BIDDERS WHO ARE
FOUND TECHNICAL
QUALIFIED ARE
ELIGIBLE TO
PARTICIPATE IN THE
FORWARD AUCTION.



THE HIGHEST BID
RECEIVED IN THE
INITIAL PRICE
OFFERING (IPO) WILL
SERVE AS THE FLOOR
PRICE FOR THE
FORWARD AUCTION.



THERE WILL BE AUTO
EXTENSION TIME IN
THE AUCTION SHALL BE
8 MINUTES.



IF NO BIDS ARE
RECEIVED IN THE LAST 8
MINUTES OF THE
AUCTION, THE AUCTION
SHALL END

Stage II : Forward Auction



Browser address bar: cma.mstcauction.com/auctionhome/mid/admin/fwd_select_live_cb.jsp

Browser tabs: YouTube, Maps, Translate, GSTIN check, Bard, Key details - Securi..., Email: Inbox, Java Forums at the..., english to hindi tra..., JAR File Download e..., JSP CRUD - Coding..., All Books

MSTC **एम एस टी सी**

Critical Minerals, GOI

Home | About Us | www.mstcindia.co.in | Help | Contact Us | Logout

michrob2 You last logged in at :: 2023-12-13 16:36:57.809111

LIVE AUCTIONS

Test Critical - MSTC/NRD/Demo Designated Officer/10/Shastri Bhawan/23-24/2446

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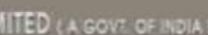
Activate Windows

एम एस टी सी
MSTC


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Auction No

MSTC/NRO/Demo Designated Officer/10/Shastri Bhawan/23-24/2446

Opening Date & Time

13-12-2023::17:10:00

Closing Date

14-12-2023

SLNo

SL.No	Contract Name	Close Time	Floor Price *	Last Bid *	Your Bid in INR/BLOCK	Bid	Bid Info
Test2	Test Critical	14-12-2023 17:20:00	2.87	2.87	2.97	Bid	Hide SL.No. Test2 Bid History Hi Check

* Price in INR BLOCK

Bid Floor Contd.



Browser: cma.mstcauction.com/auctionhome/mstc/auct_floor_live.mstc.jsp

Navigation: Home | Contact us | Logout

mstc auction

Current Time : 2023/12/13 12:11:57

Auction No

Opening Date & Time

Closing Date

SLNo

SLNo	Contract Name	Closing Date
Test2	Test Critical	14-12-2023

* Price in INR/BLOCK

Certificate Name

Serial No

Issuer Name

Validity Date

mstc (6)	56 ce 84 ce	CN=MSTC258, OU=MS	Mon Sep 00 11:34:58 L...
mstc (4)	6d 7a ad 9f	CN=MSTC1, CRM, C1, CN	Fri Oct 06 12:03:48 L...
mstc (3)	16 da ef 41	CN=MSTC25A, OU=MS	Mon Sep 00 16:15:50 L...
mstc	27 13 ef 46	CN=MSTC2514, OU=MS	Mon Sep 00 16:22:53 L...
mstc (19)	88 bf 1b 01	CN=MSTC254, OU=MS	Mon Sep 00 10:41:04 L...
mstc	66 57 91 8e	CN=MSTC256, OU=MS	Mon Sep 00 16:22:37 L...
mstc (13)	53 d0 85 40	CN=MSTC2510, OU=MS	Mon Sep 00 11:35:56 L...
mstc (31)	18 6d 7a 7b	CN=MSTC255, OU=MS	Mon Sep 00 10:41:23 L...
mstc (7)	57 60 78 1e	CN=MSTC2512, OU=MS	Mon Sep 00 16:22:18 L...
mstc (11)	5d f5 5a 31	CN=MSTC2513, OU=MS	Mon Sep 00 16:22:29 L...
mstc (21)	0e 6e ad 4a	CN=MSTC 254U, OU=MS	Wed Oct 16 16:31:13 L...
RUPALI PANDEY	83 86 82 15	CN=Capgemini CA 2014...	Sun Jan 07 12:48:05 L...
mstc (3)	68 7c 75 94	CN=MSTC252, OU=MS	Mon Sep 00 10:40:11 L...
mstc (5)	02 43 11 48	CN=MSTC1, URS4, OU=MS	Mon Jul 11 18:54:54 L...
mstc (1)	0f 20 20 65	CN=MSTC257, OU=MS	Mon Sep 00 16:23:36 L...

OK Cancel View Details

INR/BLOCK

Bid

Bid Info

Hide SLNo, Test2

Bid History

Hi Check

Bid Floor - Bid History



← → ↻ Not secure | cma.mstcauction.com/auctionhome/mstc/bid_history_mid.jsp ☆ ★ □ \$ ⋮

Gmail YouTube Maps Translate GSTIN check Bard Key details - Securi... Email: Inbox Java Forums at the... english to hindi tra... Jar File Download e... JSP,CRUD - Coding... All Bookmarks

 **MSTC LIMITED** (A GOVT. OF INDIA ENTERPRISE) 

Home Contact us Logout

mstc auction

Bid History

Mine	Test Critical
Opening	2023-12-13:::17:10:00

Bid Amount	Date	Time
3.42	2023-12-13	17:15:49
3.17	2023-12-13	17:14:56
3.07	2023-12-13	17:13:04
2.92	2023-12-13	17:11:56

[Back To Auction Floor](#)

Bid Floor – H1 Check

← → ↻ Not secure | cma.mstcauction.com/auctionhome/mstc/auct_floor_live_mcl.jsp

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indi tra... Jar File Download e... JSP CRUD - Coding... All Bookmarks

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Home Contact us Logout

mstc auction

Current Time : 2023/12/13 17:16:7

Auction No MSTC/NRQ/Demo Designated Officer/10/Shastri Bhawan/23-24/2446

Opening Date & Time 13-12-2023::17:10:00

Closing Date 14-12-2023

SLNo

Sl.No	Contract Name	Close Time	Floor Price *	Last Bid *	Your Bid in INR/BLOCK	Bid	Bid Info
Test2	Test Critical	14-12-2023 17:20:00	2.87	3.42		Bid	Hide SLNo. Test2 Bid History H1 Check

* Price in INR/BLOCK



Thank You

URL for website :

<https://mstcecommerce.com/auctionhome/mlcln/index.jsp>

For any queries, kindly reach out to MSTC on the below mentioned numbers:

MSTC Help Desk : 01123212357, 01123215163, 01123217850

1. Setu Dutt Sharma , Senior Manager: 7878055855