

EXPRESSION OF INTEREST
FOR
Preparation of District Survey Reports (DSR) for Sand Mining in
Telangana State

August 2025

Issued By:

Telangana Mineral Development Corporation Ltd .,
3rd floor, HMWS&SB Building, Rear Block, Khairatabad, Hyderabad

Website: tgmdc.telangana.gov.in

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Objectives of EOI :

The Telangana Mineral Development Corporation Limited (TGMDC), is nodal agency to monitor and explore the opportunities in mineral exploration and working on behalf of the Government of Telangana, invites Expression of Interest (EOI) from reputed, experienced, and technically competent agencies/consultancy firms for the preparation of District Survey Reports (DSR) for Sand Mining exploration and resources in districts of Telangana State.

The preparation of these reports shall strictly conform to the Ministry of Environment, Forest & Climate Change (MoEF&CC) Guidelines, namely:

- Sustainable Sand Mining Management Guidelines, 2016, and
- Enforcement & Monitoring Guidelines for Sand Mining, 2020

These DSRs are a mandatory prerequisite for environmental clearances (ECs) for sand mining activities and form the basis for scientific and sustainable sand mining management in the State.

The primary objective of preparing a District Survey Report (DSR) is to ensure the following:

- **Identification of permissible mining areas** – areas of aggradation or deposition where sand mining can be allowed.
- **Identification of restricted/prohibited areas** – areas prone to erosion and those in proximity to infrastructure or sensitive installations where mining should be prohibited.
- **Assessment of replenishment rate** – calculation of the annual rate of replenishment and determining the required time for natural replenishment before mining can recommence.
- **Assessment of mineral wealth** – identification and quantification of the mineral wealth available in the district.

The DSR shall provide a detailed study of sand mining locations, the extent of areas, and an overview of existing mining activities in the district. It will comprehensively cover relevant geological and mineral features of replenishable and non-replenishable areas of rivers, streams, and other sand sources.

The **mineral potential** shall be calculated based on the Joint Inspection by the District Level Sand Committee (DLSC). The areas identified for mineral extraction in rivers or streams shall be determined considering geomorphology and other relevant environmental factors.

The DSR will serve as the baseline document for:

- Submission of applications for Environmental Clearance (EC).
- Preparation of technical and environmental reports.
- Appraisal of sand mining projects by the competent authorities.

EOI Issuing Authority

The Vice Chairman & Managing Director, Telangana Mineral Development Corporation Limited (TGMDC) invites through Expression of Interest for Preparation of District Survey Reports (DSR) for Sand Mining in Telangana State

Name of the work: EoI for Preparation of District Survey Reports (DSR) for Sand Mining in Telangana State

In order to provide the information in brief for the convenience of the agencies, certain salient features of the EOI are furnished hereunder: (However, the tenderers are requested to rely only on the detailed information as provided in the tender document under relevant heads). The successful participants shall be referred to as "Supplier/Agency".

S. No.	Item	Description
1	EoI Title	EoI for Preparation of District Survey Reports (DSR) for Sand Mining in Telangana State
2	Contact Email	tgmdcltd@gmail.com
3	Contact Details	Shri N. Yellaiah, GM(S&M)
4	Website	tgmdc.telangana.gov.in
5	EoI Document Fee	Rs.11,800/- (Rs. 10,000/- + GST) shall be paid into TSMDC Ltd Account No.0002102000063993, IFSC CODE: IBKL00000002, IDBI Bank Basheerbagh Branch, Hyderabad. The copy of UTR No. shall be submitted
6	EMD	Rs.1,00,000/- In words, Rs. One Lakh Only, Online/DD to be drawn in favor of the VC&MD, TSMDC Ltd

6	Submission Mode	<p>The physical documents should submit in sealed at O/o TGMDC Ltd, 3rd floor, HMWS&SB, Rear Block, Khairatabad, Hyderabad</p> <p>Should submit in 2 separate sealed covers, and the sealed cover should be written by :</p> <p>Cover 1: Technical Proposal for District Survey Reports for Sand Mining in Telangana State.</p> <p>Cover 2: Commercial Proposal</p>
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Tentative Calendar of Events

S. No.	Milestone	Date
1	Release of Expression of Interest (EOI)	22.08.2025, 03:00PM
2	Last date for Submission of Response to EOI	29.08.2025, 03:00PM
4	Opening of EOI Responses	29.08.2025, 03:30PM
5	Declaration of Shortlisted Firms	30.08.2025, 03:00PM

PROJECT DETAILS

Introduction

As the initial step, the District Collector shall constitute a committee and convene a meeting with the following officers for the preparation and compilation of the District Survey Report on Sand at the District Level (the similar structure may be followed at Sub Divisional level)

S. No.	Name of the Department	Designation of the Officer	Remarks
1	Revenue Department	District Collector	Chairman
2	Mines and Geology	Asst. Director	Member
3	TGMDC	Project Officer	Member
4	Groundwater	Asst. Director	Member
5	Forest Department	District Forest Officer	Member
6	Irrigation	Executive Engineer	Member
7	Pollution Control Board	Asst. Engineer	Member
8	Public Works Department (PWD)	Executive Engineer	Member

(The other departments, if necessary, shall be added)

Tentatively the following data requirements identified for preparation of DSR, this may change during the submission or final preparation of report and also additional scope informed by TGMDC or District Collector during the collection of the information at field level may also need to include in the report:

S. No.	Department	Data to be submitted
1	Revenue	District profile & Land use pattern, Revenue
2	Mines and Geology	Overview of Mining Activities, Geology & Mineral wealth, List of Mining Leases, Royalty/Revenue of Last 3 Years
3	TGMDC	Existing Sand Mining Leases, Production of Sand
4	Groundwater	Month-wise Rainfall, Availability & Potential (Sand &

S. No.	Department	Data to be submitted
		Gravel)
5	Forest Department	Forest area & Eco-sensitive areas
6	Irrigation	Sand Sources (Rivers/Streams), Classification of Rivers & De-silt areas
7	Planning	Census Data

Scope of Work

This EoI aims to empanel the agencies to provide the services for the Preparation of District Survey Reports (DSR) for Sand Mining in all the Districts of Telangana State

1. Name/Scope of the work:

Based on the reports and related data submitted by the above officers, the selected agencies will be responsible for the preparation of District Survey Reports (DSRs) for the following 15 Districts in the Telangana State,

1. Jayashankar Bhupalpally
2. Mulugu
3. Bhadradi Kothagudem
4. Mancheri
5. Peddapally
6. Karimnagar
7. Khammam
8. Rajanna Siricilla
9. Nalgonda
10. Nizamabad
11. Mahabubnagar
12. Narayanpeta
13. Suryapeta
14. Kamareddy
15. Jogulamba Gadwal

The DSR should be covering:

- District Profile: The agency should cover the district profile along with natural resources, demographic details of the district, and other profile details of the district.
- Baseline Data Compilation: the DSR should cover the detailed information related to natural resources, minerals, irrigation sources, available rivers , agriculture sources, Soil information, Rainfall status etc

- **Identification of Sand Sources:** Should cover the scope for sand excavation along with the details of sand availability (Approx), available of riverbeds, Mapping of river beds streams, and other potential sand-bearing areas along with the details of existing sand excavation information.
- **Field Survey & Mapping:** The DSR should provide the opportunities for Sand excavation sources along with the details of existing Mining activities, Lease details (Sand & Gravel), The preparation of DSR should be using with the tools/data of Remote Sensing, Toposheets (Survey of India), Satellite Imagery (for change detection) & GIS techniques. These include the Preparation of thematic maps should cover the district drainage maps, mineral resource maps, land use/land cover maps, and environmental sensitivity maps.
- **Environmental Sensitivity Analysis:** The DSR should be prepared by covering all the environmental guidelines, State and Central mining rules, and covering any other forest guidelines and it should also be mentioned in the report when submitting it to the district and state functionaries. Also should be covered the details following Identification and mapping of river stretches falling under prohibited, restricted, or safe categories, covering eco-sensitive zones, forest land, wetlands, floodplains, aquifer recharge areas, and habitations.
- **Draft & Final DSRs:** Preparation of Draft DSRs in the MoEFCC prescribed format, conduct of stakeholder consultation and submission of the Final DSR in both Hard copy and Editable Soft copy with GIS layers in 3 sets of CDs and other required modes of the department. The agency is also responsible to provide the information and make the convenient to accept the DSR to the district-level and state level committees.

2. Eligibility Criteria

Firms/agencies must satisfy the following criteria:

1. Legal Status:

- Registered Indian entity with valid Incorporation Certificate, PAN, GST. Should be valid registration certification with more than 5 years.

2. Experience:

- Minimum 3 years of demonstrated experience in mining sector reports such as DSRs, EIA/EMP reports, hydrological and environmental studies. Should have experience in preparation of 5 Survey reports with the value of Rs. 05.00 Lakhs for each project(Relevant work order copies should be submitted)

3. Technical Capability:

- In-house or associated experts in Geology, Hydrology, Remote Sensing, GIS & Environmental Science.
- Minimum team strength: 3 Geologist, 1 Environmental Scientist, 2 GIS/Remote Sensing Expert with the total manpower of 20 members in the company payroll.

4. Financial Capacity:

- Minimum average annual turnover of ₹50 Lakhs in the last 3 financial years (2024-25, 2023-24, 2022-23).

5. Certification:

The agency should be empanelled under Ministry of Environment, Forest and Climate Change (MoEF&CC), Government of India or State Environment Impact Assessment Authority (SEIAA)

6. Track Record:

- Entities not blacklisted by any Government/PSU.

7. Local Presence:

The Company should have a local office in Telangana; if not, within 30days of the award of the contract should be set up.

Selection Method:

- Evaluation will be based on Eligibility, Technical Qualification, Relevant Experience, and Financial Strength.
- Shortlisted firms may be called for Technical Presentation/Interaction.
- Final appointment will follow the L1-based system as per Government norms for the qualified agencies in technical evaluation criteria.
- The agencies should qualify in the technical evaluation by securing more than 70 Marks in the technical evaluation criteria.

Technical Evaluation:

The agencies should follow the following technical qualification criteria to proceed further for bid evaluation:

Sno	Criteria	Maximum Marks
1	A company with experience in the preparation of similar DSR for Governments: 5<=10 No.of Projects=5 Marks More than 10 Projects=10 Marks	10 Marks
2	Company Financial Turnover: 50 Lakh<=1.00 Cr= 5 Marks Above 1.00 Cr=10 Marks	10 Marks
3	No.of employees in the company : 25<= 50 no.of employees= 5 Marks More than 50 employees = 10 Marks	10 Marks
4	Proposed resource profiles: <ul style="list-style-type: none">• GIS expert- 5 Marks• Environmental specialist- 5 Marks• Project Lead- 5 Marks• Geologist- 5 Marks	20 Marks
5	Certification : NABET Accreditation + MoEF&CC Recognition	10 Marks

6	Technical Presentation: A detailed proposal should cover the following details and technical presentation : Timelines Road Map for Data Preparation Technical details for the preparation of DSR Data Submission formats	40 Marks
	Total	100 Marks

Note :

For the evaluation of the commercial proposal, the agency should qualify with 70 Marks in the technical evaluation stage.

Time lines:

The agencies need to follow the following timelines for submission of DSR in accordance with the activities mentioned:

Stage	Activity	Suggested Timeline
1	Issuance of work order	T
2	District Level Meeting under Collector (committee constitution & kickoff)	T+1week
3	Collection of data from various departments (Revenue, Mines & Geology, Irrigation, Forest, etc.)	T+3 weeks
4	Compilation of data into Draft DSR (satellite analysis, maps, hydrology inputs)	T+5 weeks
5	Publication of data in the public domain (District Website, Notice Board)	T+5 weeks
6	Incorporation of comments & preparation of Final DSR	T+8 weeks
7	Submission of Final DSR to SEIAA/SEAC via TGMDC	T+10 Weeks

EOI SUBMISSION GUIDELINES

Submission of Cover Letter

To The Vice Chairman & Managing Director TGMDC Ltd 3rd Floor, HMWS&SB, Khairatabad, Hyderabad	From: <<Name of agency>> <<Address of the agency>>
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Interested bidders are invited to submit their EOI Proposal in sealed cover, superscribed as:

“EOI for Preparation of District Survey Reports (DSR) for Sand Mining in Telangana”

The submission shall include:

- Company Profile with supporting legal documents (PAN, GST, Incorporation certificate).
- Evidence of relevant experience (work orders, completion certificates).
- Details of technical manpower (CVs of key experts).
- Details of software/hardware/technical infrastructure.
- Audited financial statements of the last three financial years.
- Methodology & work plan for preparation of DSRs in line with MoEF&CC guidelines.

Date & Place:

Signature of Authorized signatory & Stamp

Note: To be submitted on the letterhead

General Terms

- The EOIs must remain valid for 180 days from the last date of submission.
- TGMDC reserves sole right to accept/reject/modify/cancel the process without assigning any reason.
- Submission of EOI does not guarantee award of contract.

Annexure – I

Prescribed Structure of District Survey Report (DSR) for Sand Mining

(As per MoEF&CC Guidelines, 2016 & 2020)

The DSR shall be a scientific, data-driven, map-supported report prepared in the following structure:

1. Introduction (District profile, purpose, objectives, regulatory framework).
2. Overview of Mining Activity in the District (status of leases, production trends).
3. Details of Rivers/Streams & Sand Sources.
4. Drainage System with rivers/tributaries, catchment details & maps.
5. Salient Features of Important Rivers & Streams (cross-sections, hydrology, replenishment).
6. Mineral Wealth of District (emphasis on sand).
7. Sediment Deposition Process and natural replenishment analysis.
8. General Profile of District (demography, agriculture, water, ecology).
9. Land Utilization Pattern with GIS-based maps.
10. Physiography (terrain, slopes, soil types).
11. Climate & Rainfall Data.
12. Geology & Mineral Wealth with maps.
13. Replenishment Studies & Safe Mining Potential.
14. Identification of Mining vs Non-Mining Zones.
15. Environmentally Sensitive Areas (Forests, ESZs, wetlands, heritage).
16. Transportation Infrastructure for Sand Evacuation.
17. Summary of Potential Sand Mining Areas (tabulated with GPS coordinates).
18. Recommendations & Conclusion (sustainable mining strategies, safeguards).
19. Annexures & References (maps, survey data, GIS outputs, photographs).

Data Outputs Required:

- Maps: District boundary, drainage map, geology, land use, sand potential, sensitivity analysis.
- GIS Datasets: Shapefiles/kml of sand potential zones.
- Reports: Draft & Final (Hard + Editable Soft copies).

Commercial Bid Format

Name of the Bidder:

Name of the Project:

FIN-I-Commercial form

S. No.	Item Description	Total Price in Rs.(X)	Taxes and Other Duties in Rs. (Y)	Total Rs. (X+Y)
1	Preparation of DSR			
	Grand Total			

In Words: _____

Note:

1. All other tasks pertinent to the project even though may not have been mentioned in the bid document are assumed to have been included in the work.
2. Deduction of taxes at source will be made as per applicable laws from the payments to be made to the bidder.
3. The Proposal inclusive of all installation and transportation charges to the mentioned locations.

Date

Signature of Bidder & Stamp

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