

Expression of Interest (Eol)

**For Integrated IT Solutions or other latest
Technology Solutions/Systems
related to activities of Mines**

Event	Date	Time
Last date for Receipt of Eol	15.10.2020	15.00 Hrs
Date of Presentation	22.10.2020	11.00 Am on wards

**Department of Mines & Geology,
Hydel Building , Sector 18, Madhya Marg
Chandigarh**

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1. **Background:** Department of Mines & Geology, Punjab(Client), India invites expression of interest from reputed companies who have similar experience and have relevant IT solutions OR Technology Solutions/Systems related to monitoring and management of activities related to Mining department.
2. The department has allotted 196 mines in 7 mining blocks. Moreover, environmental clearance for 34 of these mines have been transferred in the name of contractors. On August 17, 2020 during the State Level Environment Impact Assessment Authority (SEIAA) meeting -18 more mines were considered for transfer of environmental clearance to the contractors. 6 of them have been approved by SEIAA.
3. The process for obtaining environmental clearance for the rest of the mines is under progress. Total number of operational mining sites in the states is likely to be more than 100 in near future.
4. **Objectives of Eol:** The Department of Mines & Geology, Government of Punjab has been pursuing to initiate establishing a monitoring system in the State for various revenue sources of the Department, which is essential for revenue augmentation, improving the service delivery and achieving the development goals of the Department. This initiative supports the Department in achieving a reasonable progress in parameters such as maintaining a database pertaining to mines, registered agencies, lease period, renewals, tracking and monitoring the movement of minerals, payment processes, recovery procedures, and so on. Currently, the processes are handled manually. As a result, monitoring & reporting is delayed and there is no end to end tracking of the minerals from quarry till the final destination.
5. As a result, it becomes difficult for Department to keep track of the actual quantity of minerals excavated.The deliberations during various

consultations with the Department personnel (several internal deliberations and consultations) led to the notion of integrated IT enabled processs and technology intervention for minerals such as Sand, Gravel/Stones and Earth available in the State. The need for an integrated and sound monitoring system gains significant attention in the recent years and will be considered a necessary condition for assisting government decision makers in performing their jobs effectively, efficiently and economically. The objectives and coverage of the IT enabled system and technology intervnetions are enunciated in this report.

6. As the state of Punjab expands its network of available mines, it is imperative that checks and measures be put in place to ensure the mining activity is undertaken within the scope of approval of Environmental clearance and safeguard the interest of the state exchequer. Moreover, the balance of mining activity versus the natural replenishment of minerals is needed to be maintained by tracking the quantity and scale of restoration of minerals by the river. Following are the areas of intervention:
 - a. Check whether the contractor is adhering to the stipulations as per relevant clauses of agreement and environmental clearance. Some of the mining sites are very vast in size, ranging from 50-100Ha.
 - b. Unadulterated and in-full transport of mined material from mining site to delivery point.
 - c. Assessment of existing and fresh areas for viability of mining activity in the future.
 - d. Monitoring of illegal mining prone areas.
7. IT solutions and Technology Interventions are aimed at supporting in addressing the following key priorities and objectives of the Department:

- a. Better realization of revenue from available Minerals in State
- b. Prevent leakage of revenue through royalty evasion attempts, pilferage or illegal sourcing of material
- c. Registration of deeds of settlements/allotments
- d. Generating timely, reliable and accessible revenue information
- e. Strengthening external oversight of public expenditure linked to physical performance activities in Department
- f. Prevent / Control Loss of revenue due to Mineral excavation without approval of Mining Plan, non/short realization of royalty from brick kiln owners, short realization of royalty & interest from lease of stone query, non-levy of penalty for illegal uses of minerals etc.,
- g. Monitoring of vehicles transporting minor minerals using GPS or any other relevant Technology.
- h. Monitoring of excavators deployed on mining activity
- i. Regular surveillance and quantitative assessment of allotted mining sites
- j. Monitoring of illegal mining prone areas with help of Drones etc.
- k. Online registration of complaint along with the location of such illegal mining,
- l. Assessment of deposition of minerals in riverbeds to assess replenishment of sites.
- m. Night Mode Surveillance of illegal activity
- n. Integration/Digitisation of new initiatives with existing portal of Dept.
- o. Receiving complaints through online medium with photo and location of complaint site.

8. All Companies/Agencies/Firms registered in India having relevant experience can apply.
9. The bidders are required to submit their proposal including following:
 - a. Company Profile (Registration details, Turnover of last 3 years)
 - b. Relevant Experience details
 - c. Technical Solution proposed
 - d. Hardware/Software solutions used to fulfil requirements, If any
 - e. Understanding of Requirements
 - f. Approach and Methodology to implement the solution in both online and offline mode
 - g. Appx. Cost of implementation.
10. The above information is required to be submitted on or before last date as mentioned in the document in hard and soft copy (Via Email in PDF format) to department. Email ID:chiefminingpb@gmail.com
11. After the presentation and evaluation of proposals, a RFP shall be issued covering qualification criteria, scope of work, payment terms, timelines and other terms and conditions of contract.
12. Conditions under which EOI is issued:
 - a. This EOI is not an offer and is issued with no commitment.
 - b. Department reserves the right to withdraw/cancel the EOI and change or vary any part thereof at any stage.
 - c. Department also reserves the right to disqualify any party, should it be so necessary at any stage.
 - d. Any further action pursuant to this EOI shall ultimately be determined by department at its sole discretion.
 - e. No agreement, conversation, commitment either in writing or verbal or in any other form made by any official, agent or employee of

Department shall affect or modify any of the terms of this EOI and shall not be binding on Department, unless such action is by way of Official Communication in writing executed by the duly Authorised Officers of the Corporations.

- f. Neither the Applicant nor any of the Applicant's representatives shall have any claims whatsoever against Department or any of their respective officials, agents or employees arising out of, or relating to this EOI or these procedures (other than those arising under a definitive agreement with the Applicant in accordance with the terms thereof).
- g. Applicants who are found to canvass, influence or attempt to influence in any manner the qualification of selection process, including without limitation, by offering bribes or other illegal gratification, shall be disqualified from the process at any stage and is liable to be barred from the prospective Tender if any that may evolve from the EOI.
- h. Each Applicant shall submit only one proposal and if more than one proposal is received, both the proposals will be rejected.
- i. Participation in this EOI or any further discussion consequent to the submission of proposal by any party would not cast any obligation on Department to purchase the equipment/service from any Applicant or to utilize their technology.