

Government of Jammu & Kashmir  
**DIRECTORATE OF GEOLOGY & MINING**

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The Director,  
Department of Information and Public Relations,  
J&K, Jammu/Srinagar.

No: 565/C-Adm/DGM/VTS-MCC/2021/3469-70 Dated: 11-08-2021

Subject: EoI for empanelment of Vendor alongwith Vehicle Tracking System and Load Sensor for Mineral Transporting Vehicles in the UT of Jammu and Kashmir.

Sir,

Kindly find enclosed herewith the EoI for empanelment of Vendor alongwith Vehicle Tracking System and Load Sensor for Mineral Transporting Vehicles in the UT of Jammu and Kashmir with the request to publish the same in the two leading Dailies (both in English and Hindi) in Jammu, and Kashmir for information of the General Public.

Yours faithfully,

Encl: A/A

  
Director,  
Geology & Mining Department,  
JK (UT) Govt., Jammu.

Copy to:-

1. Officer Incharge Website, Geology and Mining Department, Jammu for information and necessary action.

upload

11-08-2021

to website

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**EoI for Empanelment of Vendor along with  
Vehicle Tracking System and Load Sensor  
for Mineral Transporting Vehicles in the UT  
of Jammu and Kashmir**

**Issued by:**

**Department of Geology & Mining J&K,  
Jammu 4<sup>th</sup> Floor J L Nehru Udhyog Bhawan,  
Rail Head Complex, Jammu Phone-  
01912477903 Email ID-dgmjak@gmail.com**

## Empanelment of Vendors along with VTDs for Minerals Carrying Vehicles in the UT of Jammu & Kashmir

### About Department of Geology and Mining Jammu and Kashmir

The department of Geology and Mining J&K stands established in 1960 with the objective to explore the mineral wealth and groundwater resources a hidden treasure of the State, by Geological explorations. Since then it has been able to identify and establish various important mineral deposits like Limestone, Gypsum, Bauxite, Magnesite, Dolomite, Quartzite, Borax, Fuel Minerals like Coal, Lignite, decorative/building stones like Granite, Marble, Slate, Bauxite, China clay, Bentonite and Gemstone like Sapphire, Garnet, Tourmaline etc. Geo-hydrological Survey and Groundwater inventory is being carried out to explore Groundwater potential and its subsequent development on requisition basis as well as departmental exploration program. Geotechnical studies of Engineering assignments/ projects besides, Administration of minerals under M&M (D & R) Act 1957 and the Rules made there-under are also its domain. The Department of Geology and Mining has played a significant role in overall economic development of the state by proving various mineral deposits, which enabled the State Government in granting of many Mining Leases/Prospecting Licenses for the establishment of Mineral Based Industries and generation of Employment in J&K UT.

### 1. Background, Empanelment Process and its Objectives

#### 1.1 Background

a. Department of Geology and Mining has decided to introduce Vehicle Tracking Devices (VTD) based vehicle tracking system for mineral transporting vehicles operating in the UT. As a part of this, installation of VTD in vehicles registered with Department for transportation of minerals in the UT has been made mandatory.

b. The fitment of VTD on mineral transporting vehicles shall enable on-line, real time monitoring of their movement and effective enforcement.

#### 1.2 Project Description

Department wants to implement GPS based Vehicle Tracking System (VTS) for mineral transporting vehicles in the UT of J&K for bringing efficiency to logistics and prevent illegal mining. For this purpose, installation of Vehicle Tracking

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Device (VTD) in all trucks used for transportation of minerals in the UT of J&K will be made mandatory. All such vehicles will be required to be suitably equipped with VTD procured by the vehicle owners from the vendors that will be empanelled by the Department. The fitment of VTD on mineral transporting vehicles will enable on-line, real-time monitoring of their movement and effective enforcement through a web-based Vehicle Tracking Application Solution that is also proposed to be developed and deployed. Department is carrying out this "Empanelment Process" with an objective to evaluate and enlist the VTD(s) meeting the prescribed criteria outlined in this document in response to the applications received in this behalf from the interested and eligible entities.

### 1.3 VTDs for Mineral Transporting Vehicles

It is expected that the Mineral Transporting vehicles will be fitted with a AIS140 Certified Vehicle Tracking Device (VTD) standards as per MoRTH connecting to the backend application which will be provided by the Empaneled GPS Vendors. Geology and Mining Department, Govt. of J&K ("Empanelment Process") with an objective to evaluate and register the VTD(s) meeting the prescribed criteria outlined in this document ("VTD"), in response to the applications received in this behalf from the interested and eligible entities.

### 1.4 Empanelment Process and its Objectives

The objective of the EOI Process is to empanel vendors along with their VTD models along with VTS meeting the prescribed criteria detailed in this empanelment Process document.

- a. Unless the Empanelment of any VTD(s) model is revoked / cancelled by Geology and Mining Department, Govt. of J&K in accordance with the Terms and Conditions Governing the Empanelment, the empanelment shall remain valid so long as such VTD model continues to comply with the requirements based on which the same was Empaneled.
- b. The evaluation of Application for Empanelment would be carried out on the compliance of the technical specification of GPS Devices.
- c. Geology and Mining Department, Govt. of J&K reserve the right to change the Terms and Conditions Governing Empanelment at any point of time.
- d. LOI will be issued to only selected parties as per the technical compliance of the EOI.

### 2. Eligibility of Applicant for Empanelment

Applications are invited from the manufacturers and authorized Distributors of VTDs meeting the following qualification criteria:

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1. Tenderer shall be ISO 9001:2015 & ISO 27001: 2013 Certified Company in GPS tracking System.
2. Company shall be MSME Registered.
3. Tenderer shall be either manufacturer or authorized distributor over 5 years.
4. Tenderer should have successfully implemented at least one Mining projects with any Government in India during last 5 years.
5. Tenderer should have completed minimum 5000 installation of GPS tracking System within the last 5 years in Jammu & Kashmir (Enclose Work Order).
6. Tenderer must have their own service center and more than 20 Field staff in Jammu & Kashmir to support the operation or give an undertaking to open and place Field Staff for the Same within one month.
7. The bidder shall submit following documents:
  - (a) purchase order/ Agreement copy.
  - (b) Model approval of AIS 140 GPS System on ARAI / ICAT.
  - (c) GST number.
  - (d) PAN Card and IT return (for financial year 2017-18, 2018-19 and 2019-20) of the Bidder.
  - (e) The constitution of the company of bidder shall be enclosed.
  - (f) Power of Attorney.
  - (g) Audited Balance Sheet & P/L account of previous last 3 years confirming Turnover of minimum 20 crore-average.
  - (h) Proof of executing orders of GPS system received from Govt./Govt. undertaking of PSU.
  - (i) An affidavit by the bidder in proof of not being blacklisted /debarred by any Govt. or Semi Govt. Organization on date.
  - (j) Office in Jammu & Kashmir. Provide certificate or undertaking.

### **3. Document and Earnest Money Deposit Cost**

The Applicant together with their Application shall submit a demand draft of Rs. **2. Lacs only** in favour of **Director Geology & Mining J&K** as the cost of application document for VTD model and also submit a demand draft of Rs. **15 lacs only** in favor of "**Director Geology & Mining J&K**" as the Earnest Money Deposit. The cost of application document paid to **Director Geology & Mining J&K** shall be non-refundable. An Application not accompanied by the aforesaid payment shall be considered as non-responsive and the same would be liable for rejection.

### **4. Sealing and Marking of Applications**

An application needs to be submitted in a sealed envelope clearly bearing the following identification:

**"Expression of Interest"**

Empanelment of Vendor along with VTDs for Mineral Transporting Vehicles in J&K

"Submitted by Name, Address and Contact Phone No. of the Applicant"

### **5. Application Preparation Cost**

The Applicant shall be responsible for and shall bear all costs and expenses associated with the preparation of its Application and its participation in the Empanelment Process. It is clarified that Department shall not be responsible or in any way liable for such costs and expenses regardless of the conduct or outcome of the Empanelment Process.

### **6. Evaluation of Applications**

The Applications found complete in all respects shall be considered towards processing for Empanelment of VTDs on technical compliance of the VTDs and VTS. Department would issue an Empanelment letter to the Applicant concerned, in respect of each of their VTD that Geology and Mining Department, Govt. of J&K Empanel here under, in the form as set out and the details thereof would be published as registered VTD, on their respective web sites. It is clarified that the Applicant can supply such registered VTDs to the permit holders of the Vehicles.

Department reserves the right to verify all statements, information and documents submitted by the Applicant along with their application in response to

this Empanelment Process document. Any failure of Department to undertake such verification shall not relieve the Applicant of their obligations or liabilities here under to submit true and correct information nor will it affect any rights of Department.

If any information or documentation provided by an applicant is found to be false or misleading during the Empanelment process or during the Period, such application would be liable for rejection and if the Vendor has been Empaneled, such Empanelment would be liable for being cancelled/withdrawn. Further, applicant may be considered for blacklisting.

Decision of Department regarding Empanelment / rejection of the VTDs submitted by Applicants seeking Empanelment under this process shall be final and binding upon Applicants and no correspondence in this regard will be entertained by Geology and Mining Department, Govt. of J&K.

**7. Right to Accept or Reject any of the Applications**

Not with standing anything contained in this document, Department reserves the right to accept or reject any Application and to annul the Empanelment Process and reject all the Applications, at any time without any liability or any obligation for such acceptance, rejection or annulment, and without assigning any reasons thereof. Department reserves the right to reject any Application if:

- a. At any time, a material misrepresentation and/or concealment of any facts /materials is made or discovered,
- or
- b. The Applicant does not respond promptly and diligently to requests for supplementary information required for the evaluation of the Application and/or integration of their VTD submitted therewith,
- or
- C. If the Applicant engages in a corrupt, fraudulent, coercive, undesirable or restrictive practice in Governing Empanelment.

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Application Cover Letter

(On the Official Letter Head of the Applicant)

Date:

To,

**Director Geology & Mining,**

**J&K, Jammu**

Sub: Empanelment of VTD for the Minerals Transporting Vehicles, J&K

Sir,

We have reviewed and fully understood the requirements of the process for "Empanelment of VTD for the Specified Mineral Transporting Vehicles in J&K" and are submitting our application for Empanelment of the following VTD(s) together with the required details and other information as per the Empanelment Process document:

VTD / Load Sensor Model to be Empaneled

1. Manufactured By
2. Manufactured at (address of manufacturing facility)
3. AIS140 Standards Certifying Agency

In relation to our application, you may also note the following:

1. Our Application is unconditional.
2. All information provided in the Application is true and correct.
3. We hereby declare that the VTD(s) being submitted for Empanelment complies with the specification's asset out in the Empanelment Process document.
4. We shall make available to Department for any additional Information that they may find necessary or require to clarify, supplement or authenticate the application.
5. We acknowledge the right of Department to reject our application without assigning any reason.
6. We understand that you may cancel the Empanelment Process at any time and that you are not bound to accept any Application that you may receive without incurring any liability to the Applicants.



7. We declare that we satisfy and meet the requirements as specified in the Empanelment Process document and are eligible to submit Application in accordance with the terms of the said Empanelment Process document.

8. We undertake that in case due to any change in facts or circumstances during the Empanelment Process, we are attracted by the provisions of disqualification; we shall intimate Geology and Mining Department, Government of J&K of the same immediately.

9. We represent and confirm that neither we nor any of our promoters/directors are barred by Department or blacklisted by any state government or central government / department / agency in India from participating in bids, as on the date of submission of this Application.

10. We undertake to open Sales/Service centers in J&K, UT within 1 months of date of empanelment to facilitate the vehicle owners for fitting of Vehicle Tracking Devices in their vehicles and providing after sales services. We also undertake to intimate the details of such sales/service centers to Geology and Mining Department, Government of J&K

11. We agree to keep and confirm that our application is valid up to [minimum One Hundred and Eighty (180) days from the date of submission of Application].

Sincerely,

[Name and Designation of the Authorized Signatory]

[Signature of the Authorized Signatory]

[Contact address including phone, fax and E-mail]

#### **Minimum Technical Specifications**

The VTD(s) being submitted for Empanelment must comply with the minimum specifications. The VTD(s) should have the AIS140 Certification.

#### **1. Minimum Specifications of the VTDs**

The minimum specifications of the vehicle mounted VTDs are as follows:

a) Compliance by the Applicant against the minimum technical specification below needs to be submitted together with documentary evidence as listed against each parameter:

▪ The applicant should attach AIS140 certificate standards as per MORTH from any of the test agencies in Central Motor Vehicle Rules (CMVR) for testing related to automobiles and AIS 140 guidelines, mentioned below covering all the points as per the requirement set out in below as applicable:

o Automotive Research Association of India (ARAI)

o International Centre for Automotive Technology (ICAT)

▪ Component data sheet/specification sheet from component manufacturer

▪ Checklist to be submitted by Applicant from any of the authorized labs Certificate against the testing parameters (part of the AIS140 certificate issued to the Applicant) below needs to be submitted by Applicant, over and above the same shall be subjected to demonstration by the Applicant and/or testing by Geology and Mining Department, Government of J&K for validation.

**1. Technical Specification of Vehicle Tracking System AIS 140.**

Input range: DC 9-36V

Supports IRNSS

Supports Multiple accessories

RS232 interfaces or above

Supports OTA upgrading

Supports to connect engine cut relay, remote to control the vehicle

Real-time GPS tracking, History playback, Blind data storage, cornering compensation

Built-in 850mah backup battery, which is able to work 8 hours

Up to 40000 pcs of data storage or above

IP67 waterproof

Interface		RS232 interface or above
Data transmission		Packet data GPRS and SMS
Positioning method		GPS
Storage		4MB FLASH, up to 40000 GPS data storage
Power	Working Voltage	9-36VDC
	Working Current	Max.: <200mA@13.8/27.6VDC Average: <100mA@12V DC

GPS		Channels: 50 Sensitivity: -147dBm Position accuracy:5-10m Accuracy: 5m CEP Cold start: <27s Hot start: <1s
Cellular		Frequency GSM/GPRS 850/900/1800/1900 MHz Working voltage: 3.3 – 4.5 V (recommend 4.0V) Transmitted power: 2 W, 850/900 MHz 1 W, 1800/1900 MHz
Battery		Built in 850mAH battery,3.6V, Lithium polymer battery, 8 hours working
3-axis G-sensor		For vehicle motion and static status detection
LED Indication		GPS/Cellular/
Antenna	Cellular	Internal
	GPS	Internal
Accessories		
Environment	Working Temperature	-20°C ~ +70°C
	Storage Temperature	-40°C ~ +85°C
	Humidity	5%~95% (no fog)

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2. Technical Specification of Load Sensor System.

Model	USLC
Capacity	Virtually $\infty$
Application	Vehicles which based on suspension
Hysteresis	0.03%
Max rated output	8.5 Volts
Repeatability	0.30%
Sensitivity on Climate	0.00%
Insulation Resistance	0.12 to 1.3 + 15ohms
Excitation Voltage (RECOMD.)	12 Volts
Supply current (12 Volts)	34 mA
Temperature range (Operational)	-15 to 80 °C
Safe Overload	Displayed easily
Ultimate Overload	Virtually $\infty$
Material used in LOAD cell	ABS
Accuracy	0.9mm
Dimensions	11x6x21 cm
Resolution	0.5mm
Protection rate	IP64
Wire connectivity	Amour Cable
Compensated temperature range	Virtually $\infty$

**List of Submission**

Application needs to contain the information / documents listed hereunder in a sealed envelope bearing the identification "Empanelment of VTDs for Minerals Transportation Vehicles in J&K" along with the name of the Applicant:

(a) Details of the Applicant

(i) Name

(ii) Place of incorporation

(iii) Date of incorporation and/ or commencement of business

(iv) Address of the corporate headquarters and its branch office(s), if any

(v) Details of the VTD manufacturing facilities (also mention whether – owned or contracted its capacity, third party etc.)

(vi) Details of Applicant’s authorized dealers/Sales &Service centers who will sell its registered VTDs in J&K

(vii) Certifications of company, (Like ISO and above etc.).

(viii) Brief description of the Applicant including details of its main lines of business.

(ix) Website URL

(x) Particulars of the Authorized Signatory of the Applicant:

(A) Name:

(B) Designation:

(C) Address:

(D) Phone Number:

(E) Mobile Number:

(F) Fax Number:

(G) Email Address:

(b) Documents in support of compliance of the Applicant with regard to criteria mentioned in this document.

**Supporting Documents Provided with the application Format**

1 Power of Attorney (POA) in original for the person signing the Application.

2 Certificate of Incorporation of the Applicant issued by Competent authority / Certificate for Commencement of Business of the Applicant issued by Competent authority, as applicable

3 Purchase Order/ Contract copies/ Invoices evidencing that the Applicant has supplied at least 5000 devices in last 5 years in J&K (From the date of publication of this document) together with client contact details.

4 DD towards Document Cost

5 VTD and related details

- Two samples of each of the models of VTD applied for Empanelment.
- AIS140 Certificate
- VTD brochure(s).
- Do's / Don'ts and user manual.
- VTD Protocol(s) / API Document explaining all the messages, fields and their values.

6 Statement of compliance of the VTDs being submitted with the minimum technical specifications together with the following documents, as applicable:

- Self-certification by Applicant against each parameter
- Certification issued by Testing Agency
- Supporting document in the form of standard product/component data sheet, brochures in support of compliance of the VTDs with the required specifications other certifications for VTD standard's compliance (CE, FCC, RoHS, PTCRB etc.).
- International Centre for Automotive Technology (ICAT)
- Automotive Research Association of India (ARAI)

7 Empanelment Process document together with any addendum issued, duly signed by the authorized signatory of the Applicant on each page.