



## **Government of Andhra Pradesh**

**NOTICE INVITING**

**EXPRESSION OF INTEREST (EOI)**

**FOR**

**EMPANELMENT OF**

**MINE SURVEYING AGENCIES (MSA) FOR**

**CARRYING OUT DGPS SURVEY OF LEASE BOUNDARIES AND PREPARATION OF MINING LEASES / PROSPECTING LICENSES MAPS WITH GEO-REFERENCING IN THE AREA APPLIED BY THE APPLICANT FOR GRANT OR RENEWAL OF QUARRY/LEASE IN THE STATE OF ANDHRA PRADESH.**

**Department of Mines & Geology, Government of Andhra Pradesh**

5<sup>th</sup> Floors, B-Block Sri Anjaneya Towers,  
Ibrahimpattanam, Krishna District, A.P.- 521456 Ph: 0866-2882170, e-mail:  
dmgap@ap.gov.in

**(Ref No. 1153/P-DB/2014 dated 27-10-2018)**

## 1. BACKGROUND

Department of Mines and Geology (DMG) is mainly concerned with development and regulation of mines and quarries in the State of Andhra Pradesh to the extent provided in the Mines and Minerals (Development & Regulation) Act and Rules there under, including issues concerning regulation and development of minerals in the State and matters connected therewith or included thereto.

Andhra Pradesh is one among the ten mineral rich States in the country. With the increasing demand from manufacturing sector, mineral production has assumed significant importance as a key input in the industrial growth. This has led to multi-fold growth of various activities associated with mining sector such as exploration, prospecting and mining. Mineral administration in the State includes promotion of mineral conservation with zero waste mining as well as regulation of mineral production and trade.

## 2. INTENT OF INVITING APPLICATIONS

Department of Mines and Geology, Andhra Pradesh invites sealed application on attached format from organization/ agency for Empanelment of Agencies for carrying out DGPS survey of lease boundaries and preparation of mining leases /prospecting licenses maps with Geo-referencing in the area applied by the applicant for grant or renewal of quarry/lease in the State of Andhra Pradesh.

Empanelled agencies will be on DMG's panel for carrying out DGPS works in the State for the above mentioned. This will enable the DMG to seek the services from the empanelled agencies by giving very short time notice. On empanelment, whenever need arises, for the specific requirement or specific scope of work, Limited tender enquiry (LTE) shall be floated among the Empanelled agencies. Acceptance of bids, evaluation of offers received and placement of order will be as per the terms and conditions laid down in the Limited tender enquiry (LTE).

## 3. Validity of Empanelled Agency

The empanelment shall be valid for three years and after that renewal may be considered on the basis of performance.

## 4. SCOPE OF WORK

The scope of work includes –

- i. Empanelled agencies have to conduct DGPS Survey in the applied area applied by the applicant for grant or renewal of leases in the Andhra Pradesh state.
- ii. The Department will provide details of spacial / global co-ordinates of GTS stations from SOI wherever required.
- iii. The empanelled agencies shall be responsible for the accuracy of the data collected during survey.
- iv. The co-ordinates of the boundary pillars shall be given in spacial co-ordinates including MSL height in the world geodetic system 1984 (WGS-84) as map datum, location or position format as hddd.mm.ss.sssss, units as metric units and north as True North and also in UTM (Universal Transverse Mercator) and UPS (Universal Polar Stereograph) co-ordinates.
- v. The empanelled agencies shall conduct DGPS survey in co-ordination with the ADM&G concerned and lease holders.
- vi. The accuracy level of each DGPS reading should be five (5) digits after decimal point in units of seconds.
  - a) In case of lease deed plans with Gunter links, the dimensions should be expressed in meters with conversion factor of 0.201168.
  - b) The plans should be given in scales of 1: 2000, 1:4000 and 1:8000.
  - c) The table of survey numbers with sub divisions and relevant extent s both in acres and Hectares.
  - d) Interior included angle should be given at each and every corner of polygon of lease area and tie-lines from base/ reference line.
  - e) Three Ground Control Point s (GCP's) have to be taken either on tri- junction or bi-junction or rock marks or other such types, with DGPS readings with physical paint marks on field. GCPs and polygon with lease points should be shown on Revenue Village Map and submitted to ADM&G concerned in Hard & Soft copy.
- vii. The duration for each and every DGPS reading should be not less than 20 minutes.
- viii. The empanelled agencies shall submit the survey final plan in Hard and Soft copies.
- ix. Whenever any inaccessible points / boundaries exists by any means, for such points DGPS readings shall be arrived by proper survey system by giving remarks.
- x. While submitting DGPS field readings on prepared plan any abnormal errors are noticed, those are recorded with narratings.
- xi. The plan should have proper stone identification marks.
- xii. In case of any lease plan with bearings, it has to be converted to interior included angles taking true north as reference.
- xiii. Each lease boundary pillar should have informatory details such as latitude,

longitude and elevation with clear paint markings.

- xiv. In case of major minerals, the duration of DGPS reading should be 2 hours on each and every corner point / boundary and level of accuracy shall be five digits after point of units of seconds.
- xv. If empanelled agency conducts survey in a cluster of leases, both individual relevant plan and consolidated map, have to be prepared with proper index and submitted to the concerned.

**Other Responsibilities of the Selected Applicant:**

- i. The project work will be under the supervision and control of DMG, Andhra Pradesh.
- ii. The selected firm/firms will identify and nominate the representative(s) of their respective organization in carrying out the project successfully who will act as the Project Leader from the firm's side.
- iii. The firm/firms shall be responsible for any modification and the related costs if the output product does not (a) comply with the specifications as per its proposal or (b) rejected by DMG, Andhra Pradesh. Such modification work shall not exceed three weeks from the date of notification and shall adhere to the time schedule specified in the award or as may be mutually agreed upon. The cost of such modification/modifications will be borne by the firm/firms.
- iv. The firm/firms shall not reveal, give or sell the output/project information to any other party except DMG, Andhra Pradesh.
- v. The firm/firms shall make available the softcopies of all output/data base to DMG, Andhra Pradesh.
- vi. The firm shall/may be required to do all such things as shall be necessary to supply all the technical data and information and technical assistance in respect of the project before its implementation at the request of DMG, Andhra Pradesh.

**Proprietary Rights:**

- i. The survey output will be proprietary rights of DMG, Andhra Pradesh.
- ii. The firm/firms will keep the documents which contain or related to the development results for reference until such documents are delivered to DMG, Andhra Pradesh and shall promptly provide DMG, Andhra Pradesh with replacements thereof in case of loss or damage thereto. The firm/firms assume(s) liability for damages which are caused by the service/project before the same are handed over to DMG, Andhra Pradesh.
- iii. DMG, Andhra Pradesh represents and warrants that it has sufficient power, right and authority to enter into agreement and undertake the obligations set forth in the agreement.

## 5. Applicants Information

(To be submitted in Applicant's letter head)

1. Name of the Applicant
2. Name of the firm
3. Address of the Firm with e-mail, mobile details:
4. Registration & incorporation particulars of the firm (with certified Copies):
5. Principal place of business
6. GST Registration Details (with Certified Copies)
7. Name, address and contact nos. of Directors and Principal office
8. Power of attorney for the authorized signatory for submission of bid.
9. Name of the contact person  
Designation  
Address  
Telephone  
fax  
Email-ID
10. Bank details for RTGS/NEFT.

I/ We hereby declare that the information furnished above is true and correct.

Place:

Date:

Signature & Seal of the Applicant

## 6. Financial Details of the Company

	FY 2016-17	FY 2017-18
Revenue (INR Lakh)		
Profit Before Tax		
Supporting Document	a) Auditor Certified financial statements for the last two financial years; b) In case Auditor Certified financial statements is not available un-audited financial statements certified by the Company auditor for the latest year. c) The applicant shall have an average annual turnover of more than Rs. 10 Lakhs during the last two financial years.	

## 7. Experience of Applicant in Survey and Demarcation work with DGPS

For being considered, the Agencies shall meet the following minimum qualification criteria:

- a) The applicant shall be a Legal entity / Registered firm under the Companies Act/ Partnership Act
- b) Experience :

Experience/ Criteria	Tenderer's Experience
<ul style="list-style-type: none"> <li>a) During the last 5 years, the applicant should have successfully completed at-least 5 projects/works of DGPS survey and demarcation (Should Submit work order or completion certificate for the same).</li> <li>b) Applicant shall submit soft copy of work order and completion certificate</li> <li>c) Total Cost of the projects/works completed shall not be less than Rs 25 Lakhs</li> <li>d) Applicant should submit a list of completed DGPS survey and Demarcation works.</li> <li>a) Applicant should submit the procedure/methodology and technology used for DGPS survey and Demarcation works completed for mineral sectors.</li> </ul>	

### Supporting Documents:

The above information must be supported by essential documentary evidences including work orders and completion certificates duly certified by the Authorised Signatory.

## 8. Technical Resources of the Applicant

- 1 Applicant shall own at least 2 DGPS Instruments (dual frequency) (1 Base and 1 Rover).
- 2 Applicant shall submit a list of DGPS instruments owned by the Company/Agencies/Individual.
- 3 Applicant shall have experienced in-house team of technical staffs i.e. a minimum of 2 Surveyors and Supporting Manpower to carry DGPS and demarcation Work in

the field.

- 4 Applicant shall submit details of the software used by Company for DGPS Survey and Demarcation.
- 5 Output of DGPS data shall be compatible to all the GIS software's in useable entire formats.
- 6 The agency shall have equipment for GIS software and software with well-established workshop for map and report preparation.
- 7 Applicant shall submit the CV of above mentioned surveyors and other key human resources who are to be engaged by the Company/Agencies/Individual.
- 8 The applicant shall have an average annual turnover of **more than Rs. 10 Lakhs** during the last two financial years i.e., 2016-17 & 2017-18. Supporting documents shall be furnished by the Tenderer.

## 9. General Terms and Conditions

- 1 Applicant will be requested to give presentation of their work, procedure and experiences of performing DGPS Survey Demarcation of Mineral Block before Technical Committee on informed date.
- 2 Applicant shall give One Field Demonstration while conducting the DGPS Survey on the field and submit the prepared DGPS plans to DMG office.
- 3 All the empanelled agencies have to nominate one person as authorised signatory who is having academic qualification of B. Tech in Mining/Civil or 2 Years experience in DGPS Surveying or experience in DGPS Surveying Diploma in Mining/Civil Engineering with 5 years.
- 4 The empanelment of the Tenderer shall be valid for three years from the date of deposit of Security Deposit. Further details of the empanelment are mentioned below:

The selected firms will be required to deposit an amount of Rs. 1,00,000/- (Rupees One Lakh only) in the form of Challan under the following Head of Account. Head of Account No: 8443-00-103-00-01 DDO Code: 27001307001. This will be an interest free refundable deposit. In case of deviation of agreed terms & conditions, the security deposit will be forfeited. In case the firm/firms want(s) to withdraw themselves from the Empanelment list, the security deposit may be refunded to the firm/firms after deducting receivables of DMG, Andhra Pradesh if any. Security deposit shall be refunded on expiry of validity period unless renewed by DMG, Andhra Pradesh. In case work order is issued and the firm/Agency does not complete the



work, the Security deposit shall be forfeited, provided situation on work site is proved to be beyond the control of the agency/ firm and same is acceptable by the competent authority then this condition shall be waived.

For execution of any work, DMG, Andhra Pradesh will select and invite firms from the empanelment list based on their suitability and capability matching the scope of the same project to participate in the tender for the project. Limited tender enquiry (LTE) shall be floated among the Empanelled agencies. Acceptance of bids, evaluation of offers received and placement of order will be as per the terms and conditions laid down in the Limited tender enquiry (LTE).

## 10. REGISTRATION FEE

A non-refundable registration fee of Rs 10,000/- to be paid either in Bank Demand Draft/ Pay Order in favour of the Director, Department of Mines and Geology, Government of Andhra Pradesh Payable at Ibrahimpatnam, Vijayawada along with the duly filled application.

## 11. INFORMATION TO BE SUBMITTED BY APPLICANT

Applicants are required to submit following details and documentary evidence towards fulfilment of pre – qualification criteria:

- i) Application Registration Fee of Rs. 10,000/- in the form of Demand Draft/Pay order.
- ii) Details required in Clause 5, Clause 6, Clause 7, Clause 8 in agencies/companies letter head along with signature of the applicant
- iii) A Copy of Power of Attorney for the authorized signatory for signing of bid shall be submitted along with bid
- iv) Letter of undertaking in format as at Annexure – I.

All the above prescribed documents duly signed by authorized signatory with official seal shall be kept in an envelope and super – scribed as **“EXPRESSION OF INTEREST (EOI) FOR EMPANELMENT OF MINE SURVEYING AGENCIES FOR CARRYING OUT DGPS OF LEASE BOUNDARIES AND PREPARATION OF MINING LEASES /PROSPECTING LICENSES MAPS WITH GEO-REFERENCING IN THE AREA APPLIED BY THE APPLICANT FOR GRANT OR RENEWAL OF QUARRY/LEASE IN THE STATE OF ANDHRA PRADESH.”** and addressed to:

The Director,  
Department of Mines & Geology,  
5th Floor, B-Block, Sri Anjaneya Towers,  
Ibrahimpatnam, Krishna District, A.P.- 521456 Ph: 0866-  
2882170, e-mail: [dmgap@ap.gov.in](mailto:dmgap@ap.gov.in)

## 12. INSTRUCTION TO APPLICANTS

- i) The applicant shall apply for all categories of works as per the scope of work.
- ii) DMG reserves the rights to curtail or modify any items indicated against Scope of work and Qualification criteria of the EoI notice during the tender enquiry.
- iii) No Joint venture or Consortium of firms shall be allowed and the Applicants should meet all the stated qualification criteria/ requirements individually.
- iv) The past experience in similar works should be supported by certificates or equivalent. In case the work experience of other than Govt. /Semi Govt. / PSUs, the completion certificate shall be supported with copies of Work order issued by owner for the work executed duly certified.
- v) All the applications received, will be evaluated on the basis of information and documents provided by the agency. In case the agency is not found suitable, its bids shall not be considered.
- vi) All information called for in the enclosed forms should be furnished against the relevant columns. If information is furnished on a separate sheet, this fact should be mentioned against the relevant column. Even if no information is to be provided in a column, a "NIL" or "NO SUCH CASE" entry should be made in that column. If any particulars / query are not applicable in case of the applicant, it should be stated as "not applicable". The applicants are cautioned that not giving complete information called for in the application forms or not giving it in clear terms or making any change in the prescribed forms or deliberately suppressing the information may result in the applicant being rejected.
- vii) The applicant should sign and stamp each page of the application. Overwriting should be avoided. Correction, if any, should be made by neatly crossing out, initialing, dating and rewriting.
- viii) The applicant may furnish any additional information which (s)he thinks is necessary to establish her/his capabilities to successfully complete the works. The applicants are however, advised not to furnish superfluous information. No information shall be entertained after submission of pre-qualification documents unless it is called for by DMG.

## 13. DECISION MAKING AUTHORITY

DMG reserves the right to modify the eligibility criteria, to decide on cut-off date of implementation, to accept or reject any application, to annul the PRE-QUALIFICATION process, to reject all applications or accept new applications at any time, without assigning any reason or incurring any liability to the applicants. This empanelment shall not be binding on DMG for any liability till the award of contract.

## 14. SIGNING AUTHORITY

A person signing the bid or any documents forming part thereof on behalf of the applicants shall be deemed to warrant that he has the requisite authority to sign such document. A Copy of Power of Attorney for the authorized signatory for signing of bid shall be submitted along with bid. If, subsequently it is revealed that the person so signing has no authority to do so, DMG may, without prejudice to any other civil and criminal remedies, cancel the empanelment and hold the signatory liable for all costs and damages.

## 15. VALIDITY

The applications submitted should be valid for minimum of 3 years from the date of submission of bid. Tenders with inadequate validity will be rejected.

## 16. CONFIDENTIALITY

All the information, in any form, provided by the Company to the Agency and vice-versa in connection with future tenders shall be kept "Strictly Confidential" by the applicant.

## 17. CONTACT ADDRESS FOR FURTHER INFORMATION

Any clarification / request for further information regarding this EoI should be directed to the following address:

G Srinivasa Chowdary, Deputy Director (Mines)  
Department of Mines & Geology,  
5th Floor, B-Block, Sri Anjaneya Towers,  
Ibrahimpattanam, Krishna District, A.P.- 521456  
Ph: +91 9100688811, e-mail: gs.chowdary@ap.gov.in

**LETTER OF UNDERTAKING**

(To be submitted in Applicant's letter head)

From:

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To,  
The Director  
Department of Mines & Geology,  
5th Floor, B-Block, Sri Anjaneya Towers,  
Ibrahimpattanam, Krishna District, A.P.- 521456  
Ph: 0866-2882170, e-mail: dmgap@ap.gov.in

Sir,

We..... have read the terms and conditions and other documents for EoI, Ref No. 1153/P-DB/2014 date: .10.2018, for empanelment of agencies for carrying out DGPS Survey works in Andhra Pradesh for carrying out DGPS survey of lease boundaries and preparation of mining leases /prospecting licenses maps with Geo-referencing for grant or renewal of quarry/lease for all minor minerals in the State of Andhra Pradesh as per the revised conditions. We hereby submit our qualification and relevant documents.

1. We hereby certify that all the statements made and information supplied in the EoI Document and accompanying statements are true and correct.
2. We have furnished all information and details necessary for pre-qualification and have no further pertinent information to supply.
3. We have submitted the requisite performance reports and authorize the Department of Mines & Geology, Government of Andhra Pradesh or their representatives to approach individuals, employers, firms and corporations to verify our submittals, competency and Rate reputation.
4. We hereby confirm that we have read and understood all the stipulations given in this prequalification documents and the decision of DMG with regard to our prequalification shall be final and binding on us.

5. We have submitted the certificates in support of our meeting the minimum qualifying criteria of completed work(s) for having successfully completed the following works:

Yours faithfully,

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Enclosures:

Date:

Place: