

Haryana Rural Roads and Infrastructure Development Agency
A Society of the Government of Haryana in Public Works (B&R) Department
Haryana PWD (B&R) Complex, Nirman Sadan, Plot No. 1,
Sector 33-A, Chandigarh.

**“ADVERTISEMENT FOR INVITING APPLICATION FOR THE APPOINTMENT OF
GIS ANALYST IN HARRIDA (PMGSY)”**

1. INTRODUCTION

Pradhan Mantri Gram Sadak Yojna, Phase-III (PMGSY-III) follows an evidence based system driven approach for planning and selection of roads using GIS. Hence, the services of a GIS Analyst (GA) are required in Haryana Rural Road Infrastructure Development Agency (HaRRIDA). Further, Geo-spatial Rural Road Information System (GRRIS+) has been rolled out and though it is expected to be a transaction based system much like Online Management Monitoring & Accounting System (OMMAS) but there will be a strong use of GIS in even day-to-day functioning after planning & selection of the roads under PMGSY-III

HaRRIDA is hiring the GIS Analyst (GA) on contract basis to support the GIS Nodal Officer (GNO). GIS Analyst (GA) will be working hand available with GIS Nodal Officer (GNO) and report to the same and will be positioned in the HaRRIDA (HQ at Chandigarh).

2. QUALIFICATIONS AND EXPERIENCE

- i) The GIS Analyst (GA) should have basic knowledge of GIS, be able to operate QGIS/ ArcGIS and prepare/modify/update shape files as and when required and compile from various sources such as satellite imagery/toposheet, reports etc.
- ii) The GA should know operations such as buffer, spatial join and conducting geometry /topology checks.
- iii) The GA should be able to operate Google Earth and prepare KML files as and when required.

- iv) Experience in AutoCAD and GIS database management is a plus
- v) The GA should have relevant knowledge of IT systems and Excel.
- vi) Should have 3 + years of professional experience in GIS.
- vii) M.Sc./M.Tech/ M.Sc. (Tech) in Geo-Science/Geo-Informatics/Remote Sensing and GIS/
GIS/Geography/Earth Science.

3. JOB TO BE EXECUTED

The main responsibilities of the GIS Analyst will include the following:-

- i) Preparation/up-gradation/modification of Trace Maps for all the 22 Nos. districts of Haryana State.
- ii) Ensuring the accuracy, regularity, validity of the GIS data and Trace Maps being prepared with HaRRIDA, PIUs, Other relevant consultancy agency involved such as HARSAC/Other State Remote Sensing Centres or other private consultants.
- iii) He/she will be responsible for QC of GIS Database, inspect final compositions to ensure completeness and accuracy of map, troubleshoots problems or issues and provides meaningful feedback to co-workers and establish or refine procedures and processes to improve accuracy of GIS Data.
- iv) Ensuring that there are no data gaps with respect to GIS and OMMAS and submission of QC report to NRIDA/CDAC for approval.
- v) The GIS Analyst will be responsible for operating the GRRIS+website and liaison with PIUs as well as C-DAC/NRIDA/MoRD officials for proper implementations of the works.
- vi) Working in close collaboration with ITNO and assisting ITNO in making entering on OMMAS for the GIS related issues pertaining to roads and habitations.
- vii) Resolution of any other day-to-day GIS issues which are highlighted by NRIDA/C-DAC.
- viii) Any other work related to GIS assigned by the authority/management of HaRRIDA (Head Office) from time to time.

4. SALARY

The GIS Analyst (GA) can be paid salary between Rs 30,000 - Rs 45,000 per month depending on their skill and experience in GIS.

5. TIME/PERIOD

The services of GIS Analyst (GA) will be purely on contract basis for a period of 01 (One) year in HaRRIDA (PMGSY), which can be further extended upto 1 more year.

6. SELECTION CRITERIA

The criteria marks for selection of the candidate will be as under:-

Sr. No.	Qualification/ Experience	Marks Criteria	Remarks
1.	12 th Class	10 Marks	Proportionate marks obtained in 12 th class
2.	Graduation	10 Marks	Proportionate marks obtained in Graduation.
3.	M.Sc./M.Tech/ M.Sc.(Tech) in Geo-Science/Geo-Informatics/Remote Sensing and GIS/GIS/Geography/Earth Science	15 Marks	Proportionate marks obtained in M.Sc./M.Tech/M.Sc.(Tech)
4.	Computer Knowledge	20 Marks	Knowledge of GIS, QGIS/ ArcGIS, shape files, satellite imagery/toposheet, Google Earth, KML files, AutoCAD and GIS database management is a plus.
5.	Relevant Experience	0 to 20 Marks (depending upon the years of experience)	3 years-10 marks 4 years-15 marks 5 years and more -20 marks
6.	Marks for interview	25 Marks	The emphasis for interview will be on knowledge and experience of the candidate.

7. DATE OF SUBMISSION FOR APPLICATION

The GIS Analyst (GA) should submit their documents in the office of the **Executive Engineer, (PMGSY) Room No. 408 (3rd floor) Nirman Sadan, Haryana PWD (B&R) Complex, Plot No.1, Sector 33-A, Chandigarh-160020 latest by Extended date 15th May, 2020 till 5.00 PM.**

HaRRIDA (PMGSY) reserves the right to reject all or any of application without assigning any reason thereof.

**Issued by
Executive Engineer (PMGSY)
For Secretary General (HaRRIDA)**
