

Job Description :

GIS Analyst

The consultant shall be hired on contract basis (coterminous with the project with renewal after every 11 months as per conditions) for the sub component of Formulation of GIS based Master Plan for the Towns and cities under AMRUT Mission to works under DTCP. The place of work will in the premises of UMC, KMDS. The duties and responsibilities of the GIS specialist /Analyst_ is to assist JD(UMC) and DTCP (Nodal agency) to meet the requirement in the process of implementation of this subcomponent for the Towns and cities under AMRUT Mission. In particular his /her duties would be and not limited to as below:

- To evaluate the deliverables made by contractor under AMRUT through the authorities i.e the project Implementing Units (PIUs) with respect to application of GIS and to prepare reports as and when required .
- To coordinate with the Authorities (PIUs) to clarify the issues if any raised with respect to application of GIS in Formulation of Master Plan under AMRUT
- To verify the outcome of each analysis carried out by the contractor and provide technical support to JD(UMC) and DTCP in decision making .
- Evolve standards, methods for carrying out analysis in planning by way of applying geographic information system.
- To carry out any other responsibilities assigned by JD(UMC) or DTCP in the interest of the Project.

. Job Description :

Socio Economic expert/statistician

The consultant shall be hired on contract basis (coterminous with the project with renewal after every 11 months as per conditions) for the sub component of Formulation of GIS based Master Plan for the Towns and cities under AMRUT Mission to works under DTCP. The place of work will in the premises of UMC, KMDS The duties and responsibilities of the Statistician/socio economic expert is to assist JD(UMC) and DTCP (Nodal agency) to meet the requirement in the process of implementation of this subcomponent. for the Towns and cities under AMRUT Mission. In particular his /her duties would be and not limited to as below:

- To evaluate the deliverables made by contractor under AMRUT through the authorities i.e the project Implementing Units (PIUs) with respect to socio-economic surveys and collection of data and prepare reports as and when required
- To coordinate with the Authorities (PIUs) to clarify the issues if any raised with respect to socio-economic surveys and collection of data for Formulation of Master Plan under AMRUT
- To verify the outcome of each analysis carried out by the contractor and provide technical support to JD(UMC) and DTCP in decision making
- Evolve standards, methods for carrying out analysis in planning by way of applying geographic information system
- To carry out any other responsibilities assigned by JD(UMC) or DTCP in the interest of the Project.

1	GIS Analyst	2	Qualification: 1. Education/ qualification, age and experience- 60 marks • BE/B-Tech civil, B-Arch, B-Plan with post graduation in Geo Informatics with 4 years of experience. in GIS field out of which minimum 1 year in urban projects which should include • creation and analysis of spatial data. • carrying out land suitability analysis • generation of geospatial database • documentation and presentation skills • programming knowledge required for data analysis The candidate Should possess good communication skill 2. Preferred: - 40 marks i. Involved in preparation of Master Plan in GIS for any town and city of India - Maximum 4 marks 1 towns- 2marks 2 and above 4 marks ii. Involved in preparation of Master Plan in GIS for any town and city of Karnataka State - Maximum 4 marks 1 towns- 2 marks 2 and above 4 marks • Kannada Language - to Read, Speak and Write. 4 marks • Experience in the field of survey and mapping using latest technologies like Total station, GPS, Drone etc., - 4 marks iii. Involved in preparation of Master Plan in GIS under AMRUT for any town and city of India -4marks iv. Practical test - 20 marks Note: Selection criteria: The applicant should posses minimum qualification (60 marks) to appear for practical test. A practical test will be conducted for eligible candidates to know the GIS skills and preparation of reports The decision of the committee is final in the selection.
2	Statistician/ Socio economic experts	1	Qualification: 1. Education/ qualification, age and experience- 60- marks • Post Graduate in Statistics/Sociology/ Economics/Geography with 4 years of experience in

			minimum 1 urban sectors which should include • conduction socio-economic surveys and collection of relevant data • projections, creation database using secondary sources • analysis of socio-economic data and drawing conclusions • Should have knowledge of Computers - MS-OFFICE, and possess good communication, documentation and presentation skills 2. Preferred: - Each carries • Worked on 2 or more urban projects -10 marks (maximum 10) • Having PhD in relevant field - 5 marks • Involved in preparation of Master Plan for any town in India .- 5 marks • Having the knowledge of Kannada Language - to Read, Speak and Write.-5 marks v. Interview - 20 marks Note: Selection criteria: The applicant should posses minimum qualification (60 marks) to appear for interview The decision of the committee is final in the selection.
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3	Transport Engineer	Qualification training, experience in urban related field, maps preparation etc. 1. Education/qualification, age and experience – 80 marks • Degree in civil/Transport Engineering having 6 years of experience in areas such as GIS, Basemap/Master plan generation for urban areas, preparation of transport plans, city circulation plans, mobility plans, etc. and conducting traffic, transport and socio-economic survey. - or • Degree in Civil with Post Graduation in Transport Engineering/Planning and Management having 3 years of experience in areas such as GIS, Basemap/Master plan generation, preparation of transport plans, city circulation plans, mobility plans, etc. and conducting traffic, transport and socio-economic survey Should have knowledge of Computers – MS-OFFICE software and possess good communication, documentation and presentation skills. • Should have knowledge of Computers-CAD/GIS software, MS-OFFICE, Project management software and possess good communication, documentation and presentation skills. 2. Preferred: - Each carries • Involved in preparation of Master Plan for any town and city of Karnataka State – 8 marks. • Experience in transportation surveys such as engineering survey for laying out or roads, or traffic count surveys etc. – 6 • Experience in the field of survey and mapping using latest technologies like Total station, GPS, Drone etc. – 4 marks. • Having the knowledge of Kannada Language – to read, speak and write – 2 marks.
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