

*Title of Project:*

## Nazul Survey of Naya Raipur Using High Resolution Satellite Image and DGPS Survey

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<b>Name of Funding Agency</b>	Nava Raipur Atal Nagar Vikas Pradhikaran (NRANVP), Chhattisgarh Government
<b>Tenure of Project</b>	March 2017- March 2019 (Continue)

### Summary of Project:

Naya Raipur areas under the three layers Nazul survey of 23703.2 hectare comprising 13 core villages and 28 partial villages mapping has been done for Nazul area using high resolution satellite images and modern survey technology to convert the map of 1: 4000 scale into 1: 500 scale.

For effective management and land monitoring, geo web portal has developed for integrated mobile and web application. Major activities of the Project are:

- Establishment of Ground Control Network.
- DGPS Survey for Primary, Secondary and Tertiary GCPs.
- Procurement and ortho rectification of Satellite Data.
- Integration of Geo Spatial Data.
- Khasra Naksha Geo Referencing and Transformation through DGPS and HRSI.
- Feature Extraction of Parcel / Plot Boundary and Building Outline.

Generation of Geospatial Database.



