SPARKO GROUP

ASCON ENGINEERING

GIS AND INFRASTRUCTURE







COMPANY PROFILE

011-41714753 | 9540809244
asconeng.delhi@gmail.com
New Delhi, India

About Us:

"Ascon" is a leading infrastructure consultancy, providing services in the discipline of Engineering Construction (Road-Highway, Building, Bridges), Geospatial Services (Remote Sensing, Geographical Information System), Geotechnical Engineering, Urban Planning, Smart City Planning, Preparations of Detailed Project Report, Surveying & Mapping, for all type of Development projects. we have a rich experience of over 10 Years, in Government and Private Sector. we have a dedicated team of professional who can handle Infrastructure and Consultancy Projects.

ASCON operating a pan India, it is a part of Sparko Group of companies(M/S Sparko India, M/S Sparkwell safety Pvt. Ltd., M/S Revolix Surveying and Mapping Pvt. Ltd.,

We offer our cost-effective quality services to Government, Semi Government, Private Organization & Corporate.

Our site execution team consists of highly skilled, experienced engineers, surveyors and professionals. We own a wide variety of Advance Land Surveying & Mapping Instruments, including latest dual frequency DGPS receivers, DGCA type approved UAV/Drone, Leica Total Station, Digital Level, Heavy Construction Equipment's, etc.

Our Mission

To provide High Quality, cost-effective services of Construction (Road-Highway, Building, Bridges) works, Surveying & Mapping Services (using Mobile LiDAR Scanner, UAV (unmanned Aerial Vehicle)/ Drone, GPR (Ground Penetrating Radar), DGPS/GNSS), and Geospatial Services (Areal Photogrammetry, Aerial LiDAR Mapping, and GIS technology), to Customers.

Our Vision

To Contribute significantly to India's economy growth and become a global leader in infrastructure and geospatial services.



SERVICES

1.SURVEYING AND MAPPING

- Topographical Survey
- Hydro-graphical & Bathymetry Survey
- DGPS (Differential Global Positioning System) Survey
- Auto Level Survey
- Detailed Town Planning Surveys
- Digital Mapping
- Cadastral Surveys
- Transmission Line Surveys
- Road, Railways, Pipeline, Rope way Alignment Surveys
- L-Section & Cross-Section Surveys
- Construction Surveys
- Contour Survey
- Mining Survey
- City Survey
- Canal Survey
- River Survey
- Railway Survey







2. GEOSPATIAL SERVICES

REMOTE SENSING

- Agricultural mapping
- Crop Monitoring & Assessment/Damage Assessment
- Creation of Topographic Databases
- Land Use and Land Cover Classification
- Forest Mapping: Canopy Cover Analysis in Forest Area and Vegetation Index (VI)
- Water Resource Management/Watershed Management
- Coastal Ecosystem Monitoring
- Data acquisition
- Satellite Imagery Interpretation and Classification
- Digital Elevation Models (DEM)

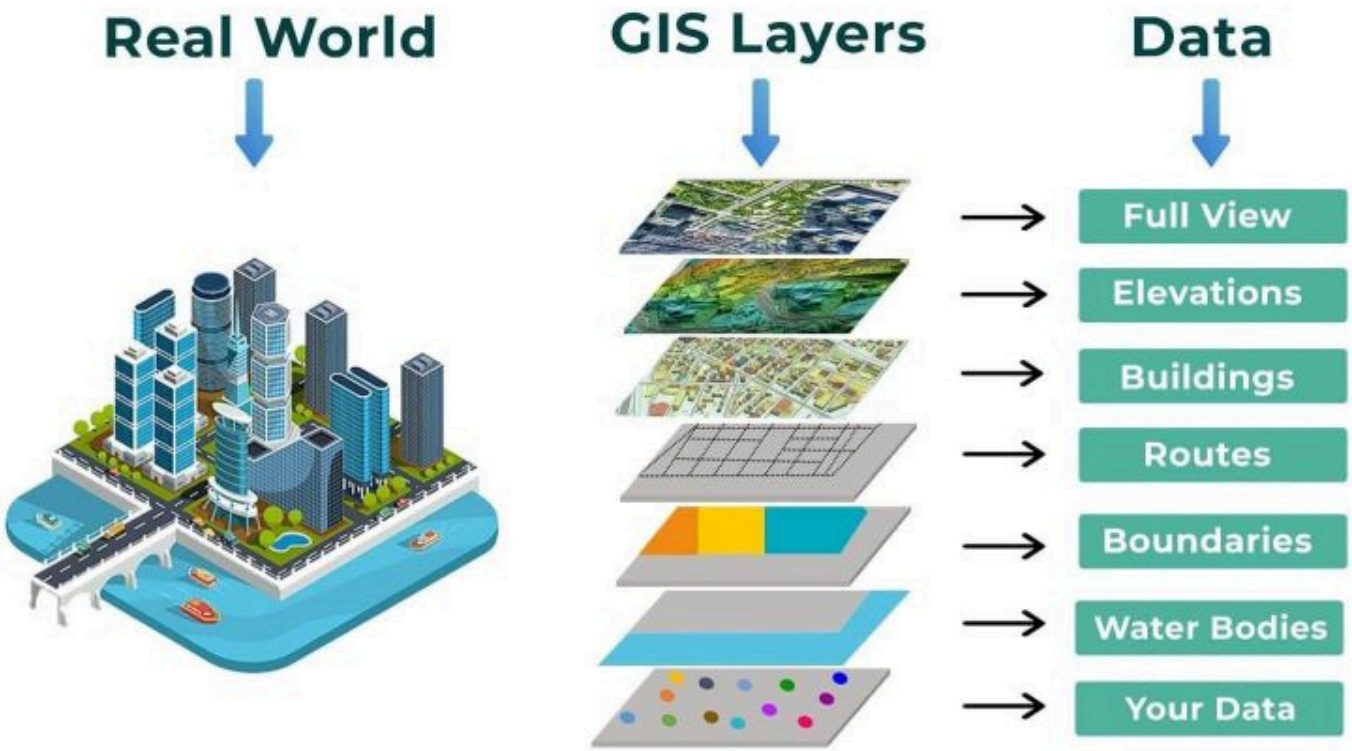
PHOTOGRAMMETRY

- DTM / DEM / Digital Surface Model
- Orthophoto Generation
- 3D Vector Mapping and Planimetric Mapping
- LiDAR Services
- LiDAR (Light Detection and Ranging) is a remote sensing method which is used for measuring the exact distance of an object on the earth's surface. This technology allows Mapping professionals to examine & analyze both natural & Man-made features with precision accuracy. LiDAR is used in a wide range of Land management services includes Forestry, Agriculture, Watershed Management & Geomorphological Mapping etc. Along with, it is highly instrumental in preservation of manmade assets such as Electrical & Highway etc.
- 2D Vector Mapping from Orthophotos
- (Applicable for Aerial Stereo Photos, Satellite Stereo Images and UAV/Drone Stereo Photography)



3. GIS(GEOGRAPHIC INFORMATION SYSTEM)

- GIS Services for Utility Mapping
- Gas, Water & Sewerage:
- GAS, Water, Sewerage Network Creation/Updation on Base Map of Project area
- Network Distribution for Gas Supply, Water Supply & Sewerage
- Monitoring & Management
- Outage Management for GAS Supply and Water Supply
- GIS Analytics:
- We provide location-based data analysis which is applicable for various sectors and industries such as- Education Centers, Hospitals and Health Facility, Banking Facility and ATMs, Charging Stations/Petrol Pumps/GAS Filling Stations, Business Centers,
- Waste Disposal Center, Geocoded locations.
- GIS Data Conversion
- GIS Mapping
- GIS Telecommunication Mapping



Sectors

- Mining
- Agriculture
- Railways and Metro
- Disaster Managements
- Powerline
- Solar Inspection
- Urban Planning
- Thermal Power
- Disaster Risk Management
- Forestry
- Water Resource and Irrigation
- Road and Highway
- Construction and Infrastructure

Achievements/Experiences

Drone Photogrammetry

- To Date, Our Company has successfully completed a areal survey/Drone Photogrammetry for the irrigation Project under NVWA and WRD, covering a total area of **1 Lack** hectors' GCA.

- To Date, Our Company has successfully completed a Drone Lidar Areal survey completed 1000 KM for Railways, Road, Rivers, etc.

Bathymetry Survey/Hydrography Survey

- To Date, Our Company has successfully completed a Hydrography Survey using Eco-sounder for irrigation project covering a total area **3 lakhs** hectares.

Topographic Survey

- To Date, Our Company has successfully completed a comprehensive survey for the water supply projects, covering a total length of 50,000 KM. this includes for multiple village schemes, and the JJM(Jal Jeevan mission) Schemes.

- To Date, Our Company has successfully completed a Road Project including NH, SH covering a total length of up to 1200 KM.

- To Date, Our Company has successfully completed a comprehensive survey for the irrigation Project WRD Bihar , covering a 4500 KM.

Equipment's and Machinery

1. Auto-Level - 05 No's - Sokkia And Lecia
2. Total Station - 03 No's- Topcon ES-102, Leica TS 01, And South 362R4
3. DGPS- 06 No's - South Galaxy G7, G1s, S86T, and HI target V90
4. Drone -04 No's - Idea forge- Rayno Light-01, DGI M350 -01, Customized VTOL -01, Talon(Fix Wing) -01.
5. Computers and Laptops - 15 No's - Desktop - 07 and Laptop - 08
6. Eco Sounder - 02 - South and HI target

Field Images















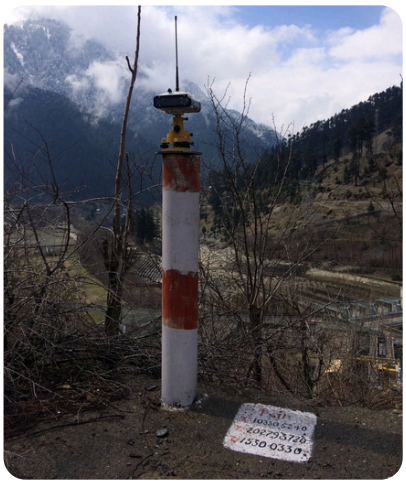




GPS-3



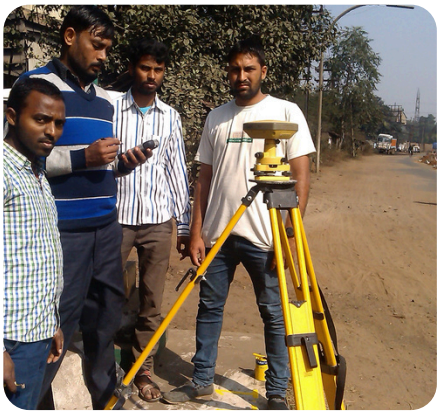

















FAUJI THE DHABA FAMILY RESTAURENT


X-UAV


GPS Map Camera
Parapatti-1, Madhya Pradesh, India
WFM6+C95, Parapatti-1, Madhya Pradesh 471315, India
Lat 24.933514°
Long 79.460371°
01/10/24 09:51 AM GMT +05:30
Google


Latitude: 24.541938
Longitude: 79.303277
Elevation: 338.21±3.34 m











CONTACT US

Corporate Office: B67/4, 3rd Floor, Block-B, Mayapuri Ind. Area, Phase-1, New Delhi-110064
Ph. 011-41714753 || 9540809244
Email: asconeng.delhi@gmail.com

Reg. Office: Opposite Sasaram Railway Station, Gopalganj, Sasaram, Bihar - 821115

Branch Office: Patna, Ranchi, Bhopal

INQUIRES

For any inquiries, Questions or Commendation
Please Call: +91-9540809244

Thank You.....