

Our Services

Comprehensive engineering, surveying, and technology solutions.

Surveying Services

High-accuracy surveying and mapping across Lebanon with direct DLRC coordination for official cadastral work.

- Topographic & Boundary Surveys
- Cadastral Surveys — DLRC coordination for official land registration
- Engineering & Construction Staking
- GPS/GNSS Control Networks
- Land Development & Subdivision per GDUP zoning

OEA-certified | Decision 186/1926 | Decree 3339

Drone Scanning & Aerial Surveys

DGCA-permitted UAV operations for photogrammetry, terrain mapping, and construction monitoring.

- Aerial Photogrammetry & High-Resolution Orthophotos
- LiDAR Point Cloud Acquisition (Drone-Mounted)
- Construction Progress Monitoring & Reporting
- Volumetric Earthwork Measurements
- Infrastructure Inspection & Damage Assessment

DGCA Registered | LAF Coordinated | Fully Insured

3D Land Modeling & Digital Surveys

Advanced terrain modeling, laser scanning, and GIS integration for BIM-ready deliverables.

- Digital Terrain Models (DTM/DSM)
- 3D Laser Scanning & As-Built Documentation
- Combined LiDAR + Photogrammetry Point Clouds
- BIM Integration from Survey Data
- GIS Mapping & Spatial Analysis

Pix4D | ArcGIS | Agisoft Metashape | CNRS/NCRS Compatible

Engineering & Design

Structural design and seismic analysis compliant with LIBNOR NL135, certified through the OEA.

- Structural Design (RC, Steel, Composite)
- Seismic Analysis per NL135 (0.25g–0.30g)
- Architectural Consultancy & BIM
- OEA-Certified Plan Preparation
- Technical Control Office Coordination

NL135 | Decree 7964/2012 | Eurocode 8 | OEA Certified

Construction & Civil Works

Turnkey execution compliant with Lebanese Construction Law 646/2004.

- Residential & Commercial Execution
- Infrastructure & Utility Structures
- Project Management & Site Supervision
- Quality Control & Budget Management
- Building Permit Coordination (OEA, GDUP, Municipality)

Law 646/2004 | Decree 7964/2012 | EIA Decree 8633/2012

Specialized Waterproofing

Membrane systems and injection technology engineered for Lebanon's Mediterranean climate.

- Membrane Systems (ASTM D7832/C957)
- Injection Technology & Crack Repair
- Flat Roof Rehabilitation
- Below-Grade & Foundation Protection
- Condition Assessments & Inspections

ASTM D7832 | ISO 91.120.30 | Sika/Mapei Certified
