COMPANY PROFILE



PT. Tellus Meridian Survey

Komplek DPRD/Baitussalam No. 58B,
Margasari, Kec. Buahbatu, Kota Bandung,
Jawa Barat 40286 - 0812 2232 3600

info@tellusmeridian.com www.tellusmeridian.com

ABOUT US

PT Tellus Meridian Survey (TMS) provides integrated surveying, mapping, positioning, geospatial, geotechnical, and geophysical services to support infrastructure, energy, mining, industrial, coastal, and marine projects.

Our capabilities include topographic and engineering surveys, UAV photogrammetry and LiDAR surveys, hydrographic and bathymetric surveys, positioning services, geospatial data processing and GIS, geotechnical investigations, and geophysical surveys. We integrate field survey activities with data processing and mapping to deliver reliable survey data and project deliverables in accordance with project requirements.

Supported by experienced personnel, survey equipment, and industry-standard software, TMS is committed to delivering accurate, efficient, and reliable survey solutions for a wide range of project requirements.



www.tellusmeridian.com

VISION

"To become a leading provider of surveying, mapping, geospatial, geotechnical, and geophysical services by delivering reliable, innovative, and high-quality solutions that support the needs of various industries."

MISSION

01 To deliver accurate, reliable, and high-quality survey data and services in accordance with project requirements.

02 To continuously improve our capabilities through the development of personnel, technology, and survey methodologies.

03 To provide efficient and practical solutions tailored to the specific needs of each project.

04 To maintain professionalism, safety, integrity, and responsibility in every project we undertake.

OUR VALUES

Quality

Delivering accurate, reliable, and high-quality services in accordance with project requirements.

Integrity & Trust

Upholding integrity, transparency, and trust in every project.

Competence

Maintaining professional expertise and technical capabilities to deliver effective survey solutions.

Solution-Oriented

Delivering practical solutions tailored to clients' needs and project requirements.

Responsibility

Taking responsibility for our work while maintaining safety and professional standards.

Human Resource Development

Continuously developing the knowledge, skills, and capabilities of our personnel.

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OUR SERVICES

PT Tellus Meridian Survey provides integrated surveying, mapping, positioning, geospatial, geotechnical, and geophysical services to support a wide range of project requirements. Supported by experienced personnel, survey technologies, and data processing capabilities, we deliver reliable survey data and project deliverables tailored to each project requirement.

- **Surveying & Mapping**
  - Topographic Survey
  - UAV Photogrammetry & LiDAR Survey
  - Hydrographic Survey
  - Positioning Survey Services
  - Spatial Data Processing (GIS)
- **Geotechnical Services**
- **Geophysical Services**

1. SURVEYING & MAPPING

A. Topographic Survey

- **Control Point Survey and Establishment**
  Establishing horizontal and vertical survey control points.
- **Digital Terrain Modeling**
  Generating DTM, DEM, contours, and terrain information.
- **Infrastructure Mapping and Inventory**
  Mapping existing infrastructure, utilities, and site features.
- **Cadastral and Boundary Survey**
  Determining and mapping land and property boundaries.
- **Ground Surface Deformation Monitoring**
  Determining and mapping land and property boundaries.



B. UAV Photogrammetry & LiDAR Survey

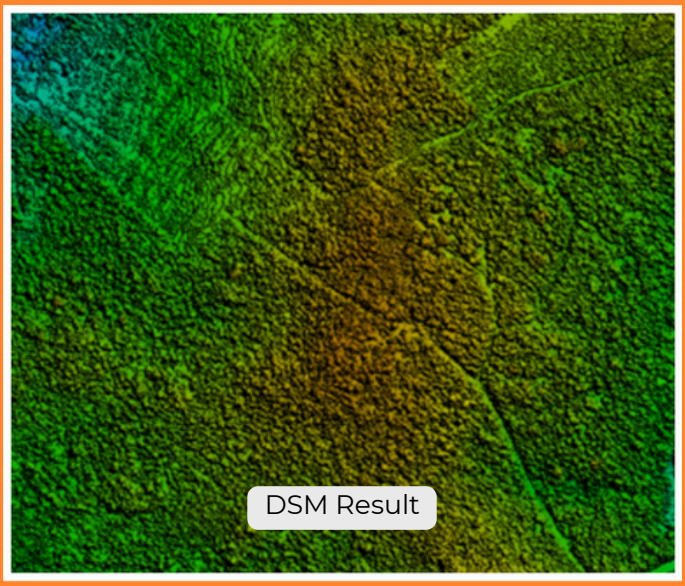
- **UAV Photogrammetry**

  Acquisition of aerial imagery using UAV/drone to generate orthophotos, Digital Surface Models (DSM), Digital Terrain Models (DTM), and high-resolution 3D models.

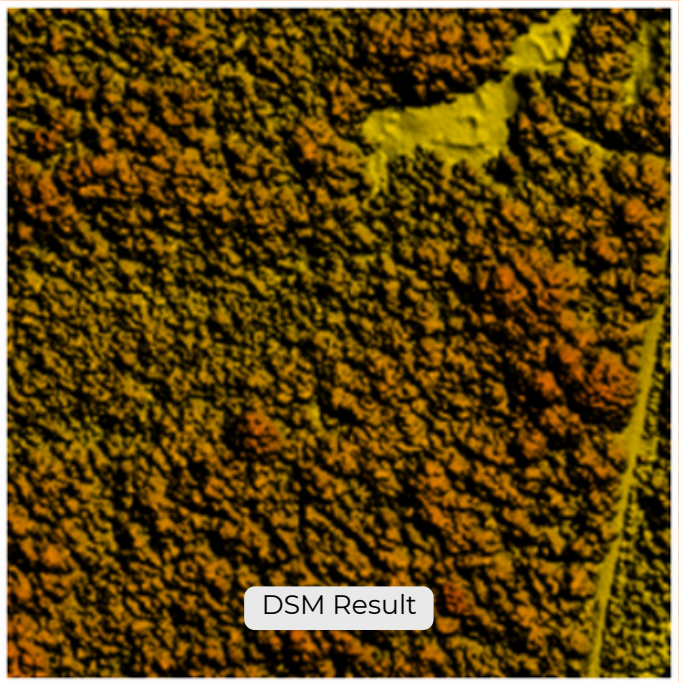
- **UAV LiDAR Survey**

  Utilizing Light Detection and Ranging (LiDAR) technology to generate point clouds, elevation data, and highly detailed terrain surface models with high accuracy.

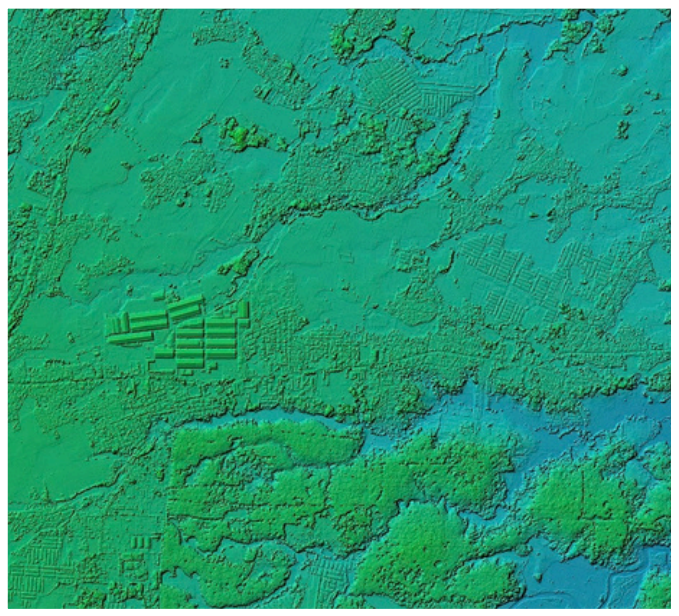



DSM Result


Ortophoto


DSM Result

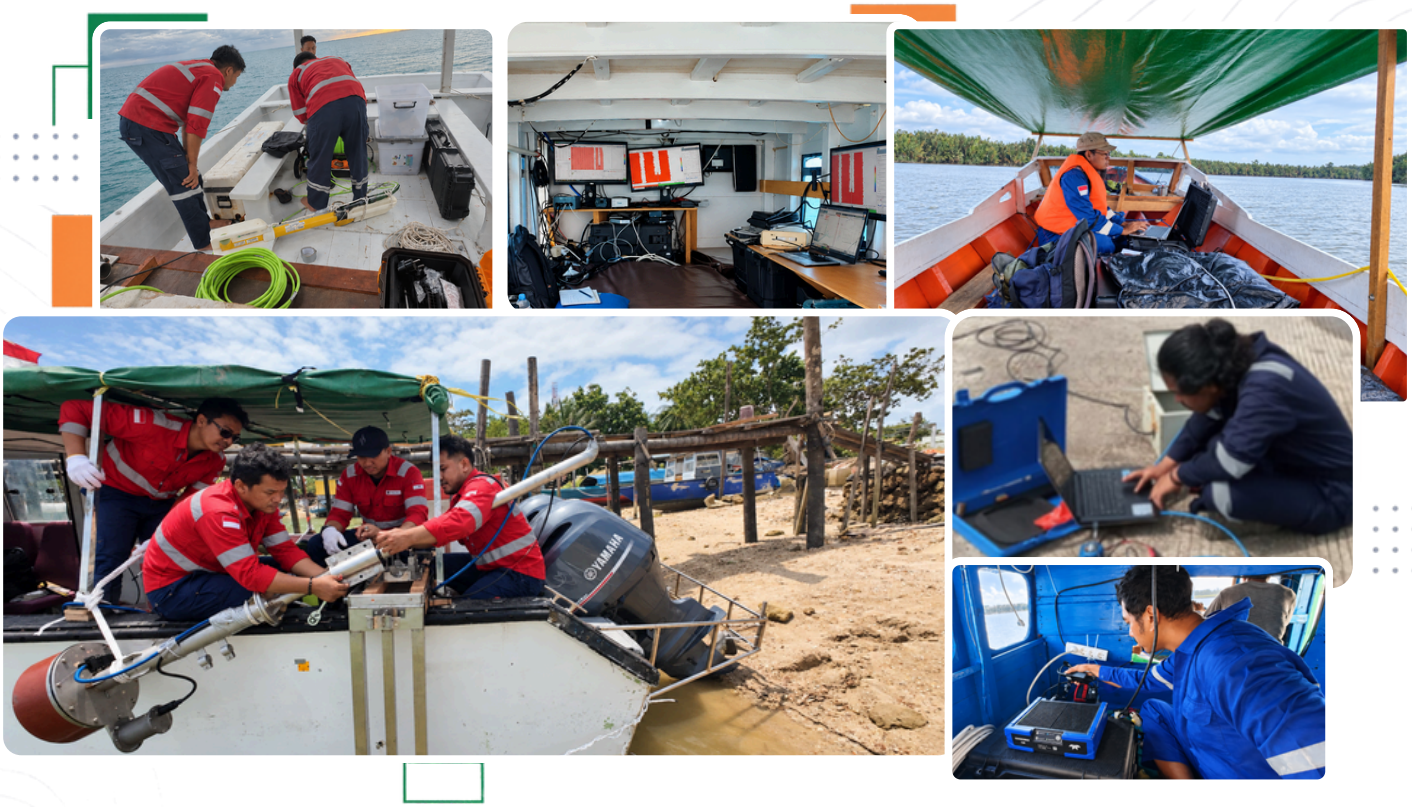

Ortophoto





C. Hydrographic Survey

- **Bathymetric Survey**
  Seabed depth mapping using singlebeam and multibeam echosounders.
- **Sub-Bottom Profiling**
  Mapping shallow sub-seabed layers and sediment structures.
- **Marine Magnetometer Survey**
  Detection of ferrous objects and magnetic anomalies.
- **Seabed Imaging**
  Conducting seabed imaging and underwater object identification using Side Scan Sonar (SSS).
- **Current Measurement**
  Utilizing Acoustic Doppler Current Profiler (ADCP) systems to analyze current characteristics and flow patterns.
- **Tide Observation and Analysis**
  Conducting tidal observations and analysis to support hydrographic and marine survey activities.



D. Positioning Survey & Services

Providing accurate positioning and navigation support for hydrographic surveys, nearshore works, marine construction, and offshore operations through integrated GNSS, navigation, telemetry, and project-specific positioning systems.

- **Survey Vessel Navigation**

  Providing real-time positioning and navigation support through continuous monitoring of vessel position, heading, course, and speed.

- **Marine & Offshore Positioning**

  Providing accurate positioning support for marine surveys, nearshore activities, offshore operations, and marine construction works.

- **Multi-Vessel Tracking & Telemetry**

  Integrating GNSS, navigation, and telemetry systems for real-time monitoring and coordination of multiple survey and support vessels.

- **Positioning System Setup & Verification**

  Conducting system setup, offset measurements, DGNSS verification, and heading checks to support reliable positioning performance.

- **Marine Asset & Anchor Positioning Support**

  Providing positioning and navigation support for marine assets, anchor deployment, and other project-specific offshore operations.



E. Spatial Data Processing (GIS)

- **Geospatial Data Management and Analysis**

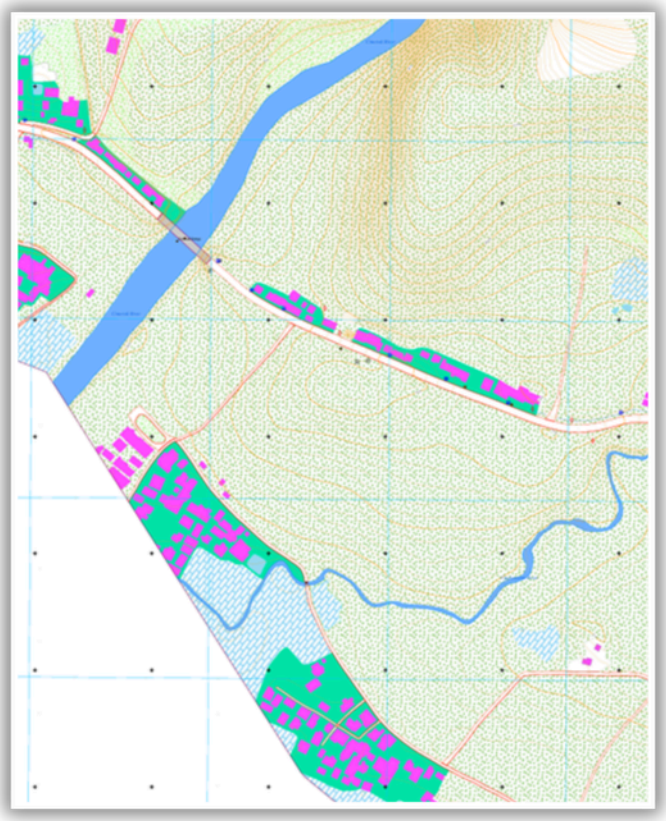
  Managing, integrating, and analyzing geospatial data to support location based decision making.

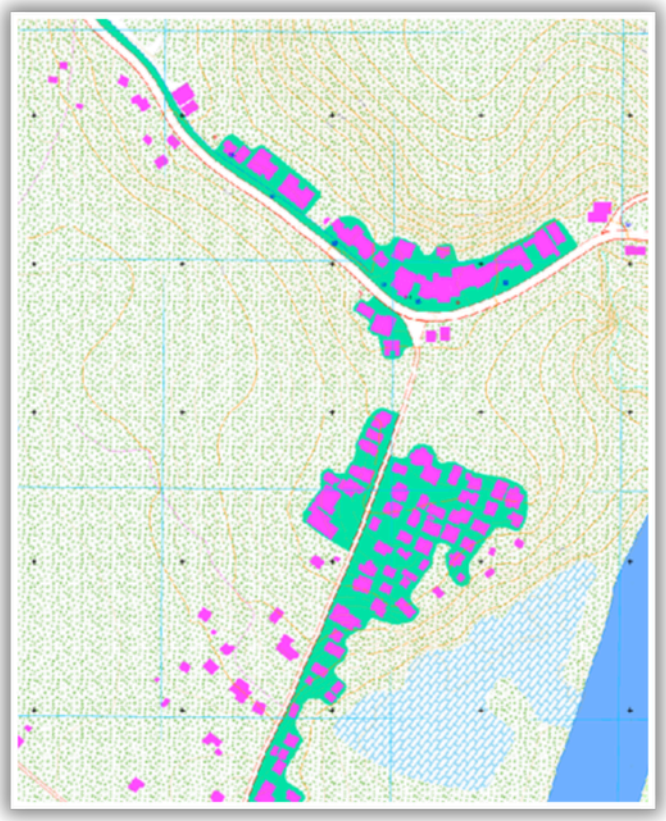
- **GIS Data Processing and Integration**

  Compilation, standardization, and integration of geospatial data from various sources for mapping and thematic analysis purposes.

- **Spatial Data Visualization and Presentation**

  Developing digital maps, 3D models, and interactive dashboards to support diverse industry requirements.





2. GEOTECHNICAL SURVEY

- **Soil Investigation**

  Assessing soil characteristics and bearing capacity to support engineering design and infrastructure development.

- **Drilling**

  Conducting drilling operations and collecting soil and rock samples to assess subsurface geological conditions.

- **Dynamic Cone Penetration Test (DCPT)**

  Assessing soil density and consistency using a dynamic penetration testing method.

- **Test Pit**

  Conducting open excavations to directly observe soil layers, collect samples, and identify subsurface conditions.

- **Groundwater Monitoring**

  Measuring and monitoring groundwater level fluctuations to assess hydrogeological conditions that may affect soil and structural stability.



3. GEOPHYSICAL SURVEY

Geophysical survey services are conducted to identify subsurface soil and rock characteristics in support of infrastructure planning, natural resource exploration, and geological investigations.

- **Ground Penetrating Radar (GPR)**

  Utilizing electromagnetic waves to detect buried objects and subsurface structures, as well as to map shallow soil conditions.

- **Electrical Resistivity Survey**

  Identifying geological conditions, groundwater potential, and material characteristics through electrical resistivity measurements.

- **Gradiometer & Magnetic Locator Survey**

  Analyzing magnetic anomalies to detect geological structures, underground utilities, and other metallic objects.



PERSONNEL



IMAM SATRIA YUDHA, ST. MT

Bachelor's and Master's degrees in Geomatics Engineering from Institut Teknologi Sepuluh Nopember. Experienced in topographic, hydrographic, GNSS, photogrammetry, and terrestrial surveys. Dynamic, adaptable, and results-oriented, with a strong commitment to contributing to the company's growth and success.



CHAIRUL ANAM, ST.

Bachelor's Degree in Marine Engineering from Institut Teknologi Sepuluh Nopember. Experienced in hydrographic surveys, current and wave measurements, with expertise in bathymetric surveys, marine data processing, and coastal and offshore operations.



BARKEN ADIKA CANDRA, ST. MT.

Bachelor's Degree in Geodetic Engineering and Master's Degree in Applied Geophysics from Institut Teknologi Bandung (ITB). Over 20 years of experience in the oil and gas industry and offshore operations, with expertise in geospatial, hydrographic, and geophysical surveys, as well as project management.



WIRYO FEBDILA, S.KOM.

Bachelor's Degree in Informatics Engineering from Institut Teknologi Sepuluh Nopember (ITS). Experienced in managing survey and mapping projects, with a focus on project coordination, planning, scheduling, and team management to support effective project delivery.



HERI KOSWARA A.Md

Diploma Degree in Geodetic Engineering from UNWIM. Over 20 years of experience in terrestrial and hydrographic surveys, with expertise in topographic surveys, UAV photogrammetry, and bathymetric surveys.



DITA ARVIENDRI, ST.

Bachelor's Degree in Geodetic Engineering from Institut Teknologi Padang (ITP). Experienced in survey and mapping projects, with a focus on project administration and management.

SURVEY EQUIPMENT

01

GNSS & POSITIONING

- Trimble R4 Dual-Frequency GNSS
- CHC i80 GNSS
- ComNav T300
- Tersus Oscar Basic
- eSurvey E300 Pro – Atlas L-Band / aRTK
- Magellan MJ-3008-GM4-QZS – MADOCA-PPP





02

OPTICAL SURVEY

- Trimble M1 DR Total Station
- Sokkia SET02N Total Station
- Leica TC803 Total Station
- Sokkia B40 Automatic Level

03

UAV & AERIAL SURVEY

- Nimbus 1800 VTOL
- Striver Fixed-Wing VTOL
- DJI Matrice 350 RTK + Zenmuse L1 (UAV LiDAR)
- DJI Mavic 3 Enterprise





04

HYDROGRAPHIC SURVEY

- WASSP S3 MBES
- Teledyne Odom Echotrac E20-SC
- Teledyne Odom Echotrac E20-DC
- Valeport TideMaster
- Valeport miniSVP

EXPERIENCE

CLIENT	PROJECT/SCOPE	YEAR
PT Offshore Works Indonesia	Inshore and Diver Survey – Trans Global Cable System, Tg. Bemban & Tg. Pakis	2025
PT Offshore Works Indonesia	Topographic Survey – Trans Global Cable System, Tanjung Bemban & Tanjung Pakis	2025
PT Sele Raya Belida	Topographic Survey for Well Pad Locations, Road Access Using LiDAR Method & Benchmark Installation	2024
PT SGS Indonesia	Topographical & UAV Photogrammetric Survey – EDF R Timor-Leste	2024
Badan Informasi Geospasial	Paket Pekerjaan Pengadaan Barang Data Geospasial Dasar dan Unsur Peta Rupabumi Indonesia (RBI) Wilayah Laut dan Pantai Skala 1:5.000 Dengan Metode Survei BatimetriSinglebeam Echosounder di Wilayah Hutan Paket 4 (KALTARA)	2024
PT Mahakarya Geo Survey	Service Personnel & Survey Equipment – Cilacap	2024
PT Mahakarya Geo Survey	Service Personnel & Survey Equipment – Kuningan	2024
PT SGS Indonesia	Topographic Survey Using LiDAR – PT Indocement Tunggal Perkasa Tarjun	2023
PT. Suryamas Cipta Perkasa	Pekerjaan Pemetaan Dasar Sungai Muara Sebangau dan Muara Sungai Jeruju	2023
PT Arutmin Indonesia	Bathymetric Survey at Jumbang Using SBES & SBP	2023
PT Bintang Subsea Indonesia	Topographic Survey for Onshore Project Location – Cilegon	2023
PT Mahakarya Geo Survey	Service Personnel & Survey Equipment – Pekalongan	2023
PT Mahakarya Geo Survey	Service Personnel & Survey Equipment – Tasikmalaya	2023
PT Mahakarya Geo Survey	Service Personnel & Survey Equipment – Cilacap	2023
PT. Cipta Revorma Bersama	Survei GPS/GNSS Geodetik dan Survei Inspeksi/Topografi	2022
PT SGS Indonesia	Topographical Survey and UAV Photogrammetric Survey on Site the Sancang Windfarm	2022

CLIENT	PROJECT/SCOPE	YEAR
PT. Teknotama Lingkungan Internusa	Pekerjaan Survey Topografi Lahan Plant Tuban	2022
PT Mahakarya Geo Survey	Service Personnel & Survey Equipment – Sumedang & Pekalongan	2022
PT Mahakarya Geo Survey	Service Personnel & Survey Equipment – Kotawaringin Barat	2022
PT. Bintang Subsea Indonesia	Topographic Survey within BMH Jakarta Landing for Bifrost Inshore Cable Route Survey, Manado	2022
PT. Yodya Karya (Persero)	Pekerjaan Pengukuran Foto Udara, Video Drone Dan Light Detection And Ranging (Lidar)	2022
PT. Bintang Subsea Indonesia	Topographic Survey at BMH Jakarta Landing for the Bifrost Inshore Cable Route Survey, Pantai Mutiara, Jakarta	2021
Institut Teknologi Bandung	Pengadaan Jasa Data input, modeling dan testing Sistem Basis Data sumur pantau penurunan tanah	2021
PT. Petrotec Guna Perkasa	Jasa Survey Topografi Survey s/d DED, Pulau Buru, Maluku	2021
PT Offshore Works Indonesia	Penyediaan Survei dan Layanan Platform Geophysical & Geotechnical Piperoute untuk Pembangunan Bukit Panjang, Blok Katapang, Lepas Jawa Timur	2021
PT Arutmin Indonesia	Bathymetric Survey For Void Kud Nusantara	2021
PT. Petrotec Guna Perkasa	Jasa Survey Topografi dan Geoteknik, Bitung, Sulawesi Utara	2021
PT Gamindra Mitra Kesuma	Survei Topografi di dalam wilayah IUP PT Gamindra Mitra Kesuma di Pasaman, Sumatera Barat	2021
ATR/BPN Kabupaten Pamekasan	Kegiatan Pemeriksaan Mutu Pekerjaan Pengukuran dan Pemetaan Binang Tanah Pendaftaran Tanah Sistematis Lengkap Tahun 2020 Paket 1 Kantor Pertanahan Kabupaten Pamekasan	2020
Institut Teknologi Bandung	Pengadaan Jasa Pengukuran Lahan Revitalisasi Kawasan Ganesha	2020
ATR/BPN Kabupaten Konawe Selatan	Pengadaan Jasa Lainnya Pengukuran dan Pemetaan Bidang Tanah Peta Bidang Tanah (Pihak Ketiga) Kategori II Tahun 2020-Konawe Selatan	2020
ATR/BPN Kabupaten Gorontalo Utara	Pengadaan Jasa Lainnya Pengukuran Dan Pemetaan Bidang Tanah Peta Bidang Tanah (Pihak Ketiga) Kategori III Tahun 2020-Gorontalo	2020
ATR/BPN Kabupaten Bandung Barat	Pengukuran, Pemetaan Dan Informasi Bidang Tanah (Paket 1 10.000 Bidang)	2020

CLIENT	PROJECT/SCOPE	YEAR
ATR/BPN Kabupaten Kapuas Hulu	Pengukuran dan Pemetaan Bidang Tanah Pendaftaran Tanah Sistematis Lengkap (PTSL) Kabupaten Kapuas Hulu	2020
PT. Seven Gates Indonesia	Jasa Pekerjaan Survey Topografi dan Monitoring Reklamasi di PT. Lotte Chemical Indonesia	2019
PT Energi Mega Persada Tbk (EMP)	Bathymetry Survey Services at Gebang Block, North Sumatera	2019
ATR/BPN Kota Administrasi Jakarta Selatan	Pengukuran, Pemetaan dan Informasi Bidang Tanah Tahun 2019 di Kantor Pertanahan Kota Administrasi Jakarta Selatan	2019
PT. Tri Mitra Resources	Marine Cable Route Survey, Sea Cable Communication System – Capital District (SKKL–IKK) Tarjun to Stagen, Kotabaru, South Kalimantan	2018
Badan Informasi Geospasial	Pekerjaan Pembuatan Peta Koridor Perbatasan RI-RDT	2018
ATR/BPN Tangerang Selatan	Pengukuran, Pemetaan dan Informasi Bidang Tanah Pendaftaran Tanah Sistematis Lengkap Kota Tangerang Selatan Paket I	2018
Badan Informasi Geospasial	Survei Hidrografi Dan Survei Garis Pantai Konektivitas Malahayati, Belawan, Jambi dan Palembang	2018
PT. Maritel Bahtera Abadi	Gyro Calibration and DGPS Verification Survey	2018
ATR/BPN Kabupaten Bandung Barat	Pengukuran, Pemetaan Dan Informasi Bidang Tanah (Paket 1 10.000 Bidang)	2018
Direktorat Jenderal Bina Marga	Survey Topografi Jalan Akses Non Tol BIJB Kertajati Bathymetric Survey	2017
PT. Hydrocore	Bathymetric Survey for Reclamation Work in Makassar	2016
PT Offshore Works Indonesia	Onshore Mapping Service and Soil Investigation for Bunyu OPF, Bunyu Oil Terminal, and Onshore Proposed Pipeline Route, Bunyu, North Kalimantan	2016
PT Offshore Works Indonesia	Onshore Survey Services New ALT-2B Pipeline Route and New ORF Area, Tanjung Awar, Tuban	2015
PT Offshore Works Indonesia	Onshore Survey Services For Alternative 1 and 2 Proposed Pipeline Route Tanjung Awar, Tuban	2015
PT. Jaya Cipta Kencana – PT. Siemens Indonesia	Topography Survey within Proposed Electrical Transmission Line along Ulubelu Unit 3 and 4 Geothermal Power Plant, Ulubelu, Lampung	2015

Our Clients



CONTACT INFORMATION

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