

SOME PROJECTS EXECUTED BY CGR

Sl. No.	Year	Project Name	Client	Description of Works
65.	2023	Existing Gas transmission and distribution line survey and GIS map preparation	Titas Gas Distribution and Transmission Co. Ltd. (TGDTCCL)	Gas pipeline detection and mapping using pipe locator and GNSS-RTK in Narshingdi and Tarabo area
64.	2023	Electric Pole Survey and data collection by mobile app.	Geospatial Works	Electric Pole Survey in 4 districts using GNSS RTK and physical data of pole by mobile apps (Project of PDB)
63.	2023	Piezometer Installation for the project “Assessment of Groundwater Resources in Bhasan Char”	Department of Geology, University of Dhaka	30 Nos. of piezometer installation in Bhasan Char up to 900 ft depth (Project of UNICEF)
62.	2023	Ground Control Point Collection	Geospatial Works	GCP collection using GNSS RTK in several districts (Land Zonning Project of Ministry of Land)
61.	2023	Physical Feature Survey	Engineering and Planning Consultants Ltd. (EPC)	Fast Static Survey, Topographic Survey, Road Centerline, Road edge, Structure, Utilities, Electric poles, Water body, Community facilities, Land use Survey for Mohammadpur, Salikha, Jagannathpur and South Sunamganj Upazila (Project of UDD)
60.	2023	GCP Collection	Geospatial Works	GCP Collection for Sattelite image georeferencing for Land zoning project for Ministry of Land

59.	2022	Supply of Water level meter and multi-parameter water quality test meter	Department of Geology, University of Dhaka	Supply, Installation and commissioning of Water level meter and multi-parameter water quality test meter
58.	2022	Execution of aquifer pump test, borehole camera and TRK survey in Bhasan Char	Department of Geology, University of Dhaka	Execution of 10 nos. of aquifer pump test, Video using borehole camera in 20 nos. of borehole, RTK point survey in 30 locations in Bhasan Char, Hatia, Noakhali.
57.	2022	Slug test in 24 location in Khagrachary District	Development Design Consultants Ltd. (DDC)	Slug test data collection and determination of Hydraulic Conductivity and Transmissivity of aquifers
56.	2022	Supply of Geological Exploration Core Drilling Machine with Standard Accessories	Department of Geology, University of Dhaka	Supply, Installation and commissioning of Geological Exploration Core Drilling Machine with Standard Accessories
55.	2022	Supply of UAV/Drone with extra Battery	Department of Geology, University of Dhaka	Supply, Installation and commissioning of UAV/Drone with extra Battery
54.	2022	Mouza map Georeferencing and Digitization for 3 polder area in coastal zones, Bangladesh	Knowledge Management Consultants (KMC) Ltd.	Mouza map Georeferencing and Digitization for 3 polder area in coastal zones for Bangladesh Water Development Board
53.	2021	Physiocal Features Survey including Layout Plan.	Shorgo Chaya Properties Ltd	Topographic Survey including Earth Volume Calculation, Mouza Map Digitization and Contour Map along with Layout Plan Map and Mouza map digitization for 2000 bighas/663 acres of land.
52.	2021	Supply of GNSS RTK with standard accessories	Department of Geology,	Supply, Installation and commissioning of Real Time

			University of Dhaka	Kinematics Global Navigation Satellite Systems (RTK GNSS) with standard accessories
51.	2021	GTCL Pipe line Survey and GIS Preparation for 2000 km Transmission line	Nippon Koei Co. Ltd, Japan	Survey of 2000 km National grid gas pipeline (Transmission line) using pipe locator and GNSS RTK
50.	2021	GNSS RTK Based Property Boundary Demarcation and Topographic Mapping for Land Development at Bhaluka, Mymensingh	RSPLHealth BD, RSPL Group, GMGI Solutions Ltd.	Cadastral Boundary Mapping, Digital Topographic Survey, Engineering Analysis for Land Development
49.	2021	Introductory Training on Geographic Information System (GIS) for Wash Team of Population Movement Operation (PMO), BDRCS	Swedish Redcross	2 Days Introductory GIS and QGIS software training to 20 participants of WASH Team at Cox's Bazar
48.	2020	UAV based topographic and Physical Feature Survey for Fateyabad New Township under Chittagong Development Authority.	Chittagong Development Authority(CDA), EagleX	UAV based topographic Survey for orthophoto, DTM, DSM, Contoure, Spot Level, physical feature survey, etc.
47.	2020	UAV/Drone Survey at Khatunganj, Chittagong for Study on Water Logging	UNDP	UAV based topographic Survey for orthophoto, DTM, DSM, Contoure, Spot Level.
46.	2020	Developing Industrial Sectors Risk Profile in Chittagong (P-5225)	Institute of Water Modeling (IWM)& UNDP, EagleX	UAV image collection, GCP and image processing and Photogrametry.
45.	2020	UAV Based Topographic Survey in Gazipur City Corporation under the Project "Masterplan for Gazipur City corporation"	Ocreeds Ltd & GCC	UAV image collection, GCP and image processing and Photogrametry.
44.	2020	Integrated Asset Management of DWASA at Pagla	R & D Project	UAV image collection, GCP and image processing and Photogrametry.
43.	2020	The Hydro-Morphological Study For Amla 2nd Bridge Over Shagorkhale River	Roads & Highway	Survey work and study report
42.	2020	The Hydro-Morphological Study For The Sreefaltala Bridge Over Daudkhali River	Roads & Highway	Survey work and study report

41.	2020	High Voltage Power Line Inspection in Gozaria	R & D Project	GNSS RTK survey
40.	2020	3D Documentation of SonargaonPanam City for Restoration of Cultural Heritage	R & D Project	GNSS RTK survey
39.	2020	Integrated Asset Management for Mobile Phone Towers in Bangladesh	R & D Project	GNSS RTK survey
38.	2020	Physical Feature Survey for Integrated Asset Management for LR Groups in Tarbao Round About	Ocreeds Ltd & Inspace Studio Ltd	UAV image collection, GCP and image processing and Photogrammetry
37.	2020	Volumetric Calculation and Topographic Survey for Solid Waste Management in NCC	Acumen Engineers, Architects & Planners Ltd & NCC	UAV image collection, GCP and image processing and Photogrammetry.
36.	2020	UAV Based Topographic Survey for WDN in SikakundaUpazila	OCREEDS Ltd and DSK Ltd	UAV image collection, GCP and image processing and Photogrammetry.
35.	2019	Corridor Survey of 8.5 km Highways from Mukhtarpur to Mirkadim	GSC & BBA	GNSS RTK and Total station survey
34.	2019	UAV Based Topographic Survey for WDN in TaraboPourashav	OCREEDS Ltd and DSK Ltd	UAV image collection, GCP and image processing and Photogrammetry.
33.	2019	Dealing Dengue with Drones for Integrated Mosquito Control in Dhaka City (DNCC)	R & D Project with CDC, Group Mappers& EagleX	UAV image collection, GCP and image processing and Photogrammetry.
32.	2019	UAV Based Topographic Survey for AdbulMonem Economic Zone Limited, GozariaMunshiganj	AdbulMonem Economic Zone Limited (AMEZL), EagleX	UAV image collection, GCP and image processing and Photogrammetry.
31.	2019	Digital Survey & 3D modelling of AM Auto Bricks and Ready Mix Site	Abdul Monem Group Limited, EagleX	UAV image collection, GCP and image processing and Photogrammetry.
30.	2019	Digital Physical Feature Survey and Photogrammetric 3D modelling for Jail Khal&LakutiaKhal in Barisal City Corporation	Urban Development Directorate (UDD), Barishal	UAV image collection, GCP and image processing, Photogrammetry and Physical Feature Survey

29.	2019	Survey Mapping and Preparing 3D models of Kollyanour Khal Area using UAV	PorisharUpodesta, EagleX	UAV image collection, GCP and image processing and Photogrammetry.
28.	2019	Physical Feature and Land Level Survey of 120 acres in Chondraghona in Chottogram using UAV	Global Survey Consultants, EagleX	UAV image collection, GCP and image processing and Photogrammetry.
27.	2019	Boundary Demarcation and Land Level Survey in Keraniganj	Sarkar Engineering and Constructions, EagleX	Boundary demarcation by Total station
26.	2019	Ponds Survey by UAV methods in Satkhira District	OSMBDF , WaterAid&EagleX	UAV image collection and processing, GCP collection.
25.	2019	Topographic Survey for a Corridor of 130 km along the four major rivers around Dhaka City	BIWTA, IWM, EagleX	UAV image collection and processing, GCP collection.
24.	2019	Topographic Mapping of DoharPourshava (Bazar Area)	DoharPourshava, EagleX	UAV image collection and processing, GCP collection.
23.	2019	Topographic Mapping of BUET Residential Hall (Dr M A Rashid)	BUET, EagleX	Demonstration Project
22.	2019	Consultant GIS & Survey Expert Support for the JAICA funded "Chittagong-Cox's Bazar High Way Improvement Project (CCHIP)"	Nippon Koei Bangladesh Ltd. and Knowledge Management Consultant (KMC)	Consultant support for GIS and Survey Expert, Mouza Map Georeferencing& Digitalization Task
21.	2019	GNSS RTK Survey for UAV/Photogrammetric Data Acquisition by Ocreeds-Eaglex for DSK at Tarabo, Narshingdi, Bangladesh.	DSK, Ocreeds-Eaglex	Ground Control Point (GCP) collection for UAV/Photogrammetric data acquisition.
20.	2019	Topographic Survey for Proposed 5 MW solar power plant in BeraUpazila, Pabna	Institute of Energy, University of Dhaka	Topographic Survey using GNSS/RTK and Total Station and reporting with land development.
19.	2019	Feasibility study for 60 MW (AC) grid connected PV solar	North-West Power Generation Company Limited&Institute of Energy,	Topographic Survey using GNSS/RTK and Total Station

		Power Plant at Sujanagar, Pabna, Bangladesh	University of Dhaka	and reporting with land development.
18.	2019	Ground Control Point (GCP) Survey using gnss/RTK for 1000 locations in Teknaf and UkhiaUpazila, Cox's Bazar, a project of UNISEF.	Department of Geology, University of Dhaka.	Ground Control Point (GCP) collection for 1000 points for Hydro-Geological Survey.
17.	2019	Supply goods and related services for Physical feature & GIS mapping by Drone/UAV Image.	Urban Development Directorate, Barishal Regional Office.	Collection of Drone/UAV Image and physical feature extraction & GIS mapping.
16.	2019	Ground Control Point (GCP) Survey and Ground Station GPS Observation using gnss/RTK for Airborne Lidar Survey of 120 sq.km Haor Area, Bangladesh"	SKM GISAIR Oy, Finland (BWDB/IWM-Megatech JV)	Ground Control Point (GCP) Survey and Ground Station GPS Observation using gnss/RTK for Airborne Lidar Survey
15.	2019	GNSS/RTK Survey for 10 Boreholes at Madhyapara Granite Mining Area, Madhyapara, Parbatipur, Dinajpur, Bangladesh under John T BOY'D –ME (JV) Company	Mahesswari Mining Pvt. Ltd. India	GNSS/RTK Survey for Precise Borehole location for preparing 3D Geological model of the extended Madhyapara Granite Mine Area.
14.	2018	350 MW Grid connected Solar Power Plant (AC) Project	Shanghai Electric Investment Co. Ltd. & Risen (Honh Kong) Co. Ltd.	Establish Geodetic Control network for physical feature and topographic survey, Digitize and Georeference Mouza Maps and GCP Collection for Ground Trothing of High Resolution Satellite Imageries and Preparation of Digital Elevation Model (DEM)

13.	2018	Hydro-Geological Survey under Preparation of Payra-Kuakata Comprehensive Plan Focusing on Eco-Tourism	Urban Development Directorate (UDD)	Ground water modelling (3D), water quality mapping, salt water intrusion map.
12.	2018	Shallow monitoring well establishment (40 nos.) in Khulna Division area.	Creative soil Investigation	Drilling of 300 meter monitoring well, sample collection, laboratory tests, reporting.
11.	2018	Geotechnical Investigation in Chittagong City Corporation area	Creative Soil Investigation	SPT drilling, Laboratory analysis for engineering properties, reporting.
10.	2018	200 MW Grid connected Solar Power Plant (AC) Project at Trishal, Mymensingh	China Energy Engineering Corporation and the Sunland Holdings Company Limited	Establish Geodetic Control Network for Physical Features and Topographic Survey, Digitize and Georeference Mouza Maps and GCP Collection for Ground Truthing of High Resolution Satellite Imageries and Preparation of Digital Elevation Model (DEM) for Sunbase Energy Bangladesh Ltd.
9.	2017	Acquisition of Topographic Map (Possible highest scale) from the Survey of Bangladesh.	Sunbase Energy Bangladesh Ltd.	Map Collection from SOB
8.	2017	Hydro-Geological Survey under Development Plan for Mirsharai Upazila (MUDP)	Urban Development Directorate (UDD)	Ground water modelling (3D), water quality mapping, flash flood vulnerability assessment.
7.	2017	GCP collection for Ground Truthing of High Resolution Satellite Imageries.	Megatech, GNBD-IWM-SKM GIS Air Oy & BWDB	RTK points collection and high resolution image processing.

6.	2016	Acquisition and Process High Resolution (30 cm) Satellite Orthophoto under Access to Land Project , DLRS, Ministry of Land.	NIRAS A/S Denmark. (Access to Land Project-DLRS)	Acquisition and Process High Resolution (30 cm) Satellite Orthophoto.
5.	2016	Subsurface Geological investigation, Resistivity and porosity test in Natural Gas Efficiency Project.	SMEC, Bangladesh.	SPT drilling, sampling, testing, trial pit, 2D resistivity imaging, permeability measurement.
4.	2015	Monitoring well and Porosity & Permeability Test.	Standard Soil and Foundation Engineers	Drilling of Monitoring wells, casing, gravel packing, continous water drawdown measurement for 3 months, porosity and permeability calculation.
3.	2010-2014	Subsurface Geological Investigation in 15 projects.	SBD Properties Ltd.	SPT drilling, sampling, testing, digital topographic survey, piling
2.	2010	Mineral Sand Exploration in Kurigram district, Bangladesh.	Carbon Mining Bangladesh Ltd.	Continous sand sampling, surface and ground water level monitoring and water level mapping
1.	2010	Subsurface Geological Investigation and surface water drainage management for Land development project.	PurbachalBestway City Ltd.	SPT drilling, sampling, testing, topographic survey, GIS mapping and analysis