

# Inspection, Engineering & Survey (IES) Limited

An experienced Survey & Valuation Company



### **About IES**

**Inspection, Engineering & Survey (IES) Limited** is a highly reputed trustworthy Valuation & Survey company in Bangladesh, who provides multi services of land, building machinery assessment including DIGITAL SURVEY. IES was formed in 2009 and with the passage of time, has earned the rating as a first class trustworthy company in the field of Survey & Valuation in Bangladesh through its high skills, dependable activities, dedications, sincere activities and honesty. IES Limited is always appreciated by its honorable clients for their smooth services. IES is now providing services as working partner for the 35 highest reputed Banks and financial organizations in Bangladesh including Bangladesh Bank and various group of industries & first class reputed companies of Bangladesh.

IES Limited employs cutting-edge technology and innovative methods while upholding the **International Valuation Standards Council's (IVSC) IVS Standard.** This globally recognized standard is adopted by more than 37 countries worldwide, including being endorsed by the Bangladesh Bank.

IES Limited was founded by honorable Mr. Delower Hossain who is very famous in Survey & Valuation Sector in Bangladesh for his mastery knowledge and practical skills. He is giving direction as a Managing Director in IES Limited. He is also founder member and Vice President of



A group of Engineers & Surveyors of IES Team

the "Bangladesh Survey & Valuation Companies, Firms & Individuals Concern Association (BSVCFICA)" which association member of IVSC. A group of talented, hardworking, skillful teams are exerting their professional talent in IES Limited. IES limited assigns responsibility to high skilled and well-trained employees all over Bangladesh.

Head Office of the company is situated at Motijheel C/A in Dhaka and branches office is situated at Chottagram, Khulna, Sylhet, Rangpur and Gazipur. Within a very short span of time, IES Limited will set up new branches at Rajshahi, and Bogura to provide smooth services for honorable clients.

IES Limited prides itself on its commitment to quality and client satisfaction, ensuring that every valuation and survey is conducted with the utmost precision and care. The company utilizes advanced technology and innovative techniques in its DIGITAL SURVEY offerings, setting a benchmark in the industry. This cutting-edge approach not only enhances accuracy but also significantly reduces the time required to complete assessments, making IES a preferred choice for banks and financial organizations that demand efficiency alongside reliability.

The management at IES Limited believes in continuous improvement and invests in regular training sessions and workshops for its employees, keeping them updated with the latest industry trends and practices. This dedication to professional development has fostered a culture of excellence within the organization. Employees at IES are encouraged to share their insights and ideas, contributing to an environment where creativity and innovation thrive.

Furthermore, IES Limited is committed to sustainability and ethical practices in all its operations. By adhering to strict guidelines and regulations, the company ensures that its services do not adversely affect the environment or local communities. This commitment to responsible business practices has garnered IES a loyal clientele that appreciates not only the quality of service but also the company's integrity.

As IES Limited looks to the future, its expansion plans include not only new branch offices but also the introduction of additional services aimed at meeting the diverse needs of its clients. The management envisions establishing partnerships with international organizations to bring world-class survey and valuation techniques to Bangladesh.

In conclusion, Inspection, Engineering & Survey (IES) Limited stands as a beacon of trust and professionalism in the valuation and survey sector. With visionary leadership, a dedicated workforce, and a commitment to excellence, IES is poised to further enhance its reputation and continue providing unparalleled services to its esteemed clients across Bangladesh.

### Motto

With a view to secure the investment of honorable clients, IES Team collect required information from all probable & possible sources, make sure the authenticity of the information, focuses minimization of business risk and finally help making honorable client's Business safe.

### **Our Services**



We professionally prepare personal financial statements for visa purposes for foreign trips to countries such as Canada, Australia, England, Europe, and America. These reports are accurately valued to meet the requirements of the visa application process.

We conduct various property valuations for financial reports, including land, buildings, industrial facilities, machinery and equipment, vehicles, and ships etc.

We conduct digital surveys to ensure precise land measurement, particularly for dema rcation in accordance with Dag.

Identification and verification of schedule of land with the help of physical inspection, consulting mouza map and due searching from the office of the concerned land offices.



### **Our Services**

- (i) Identification of land and other properties,
- (ii) Identification and verification of schedule of land with the help of physical inspection, consulting mouza map and due searching from the office of the concerned land offices,
- (iii) Provides separate search and valuation report as and when asked for,
- (iv) Valuation of

Land,

Building (Residential, Industrial, School, college, Hospital and all sorts of civil structures), Car, ships, vessels, etc.,

Machinery & equipment, and

Inventory (for both trading and manufacturing business), etc.

- (v) Preparation of Project profile comprising of management, technical, financial and economic aspects including estimated cost of the project (covering civil, machinery, erection and installation cost for machinery and other cost of the project, etc.),
- (vi) Soil test,
- (vii) Architectural and structural design of residential, commercial and industrial structures followed by details cost estimation,
- (viii) Digital survey,
  - \* Topographic Survey: To Collect elevation data to map the contours and features of the land.
  - \* Boundary Survey: To Mark and measure the boundaries of the land parcel, ensuring legal descriptions match actual ground conditions.
  - \* GPS Surveying: To use GPS systems for georeferencing and determining precise locations of features on the land.
  - \* Drone Aerial Survey: To Deploy drones to capture aerial imagery and generate orthophotos and 3D terrain models.
  - Photogrammetry: To use images captured by drones or other means to create 3D models of the land.
  - \* LiDAR Scanning (if required): To use LiDAR (Light Detection and Ranging) to create highly detailed digital terrain models, especially useful for areas with dense vegetation.
- (ix) Asset valuation for foreign trip, study, etc. purpose, and
- (x) Structural Assessment Report
- (xi) Any other work, not mentioned at above, but within the purview of a valuator under the law of the land.

### **List of Working Partner**

We are working as working partner with following Bank & Financial Organizations.

- 1. Sonali Bank PLC.
- 2. Agrani Bank PLC.
- 3. Pubali Bank PLC.
- 4. Janata Bank PLC.
- 5. Rupali Bank PLC.
- 6. Islami Bank Bangladesh PLC.
- 7. Eastern Bank PLC.
- 8. City Bank PLC.
- 9. Prime Bank PLC.
- 10. Shahjalal Islami Bank PLC.
- 11. EXIM Bank PLC.
- 12 Al Arafah Islami Bank PLC.
- 13. Bangladesh Development Bank PLC.
- 14. NCC Bank PLC.
- 15. Bank Asia PLC.
- 16. Standard Bank PLC.
- 17. Union Bank PLC.
- 18. Citizens Bank PLC.
- 19. National Bank Ltd.
- 20. NRB Bank Ltd.
- 21. NRBC Bank PLC.
- 22. Global Islami Bank PLC.
- 23. Bengal Commercial Bank PLC.
- 24. South Bangla Agriculture Bank PLC.
- 25. Mid Land Bank PLC.
- 26. Shimanto Bank PLC.
- 27. Padma Bank PLC.
- 28. National Bank of Pakistan
- 29. IIDFC Finance PLC.
- 30. International Leasing & Financial Services Limited
- 31. IPDC Finance PLC.
- 32. Meridian Finance Limited.
- 33. Midas Financing PLC.
- 34. Islamic Finance PLC.
- 35. CVC Finance Limited.
- 36. BD Finance Limited.
- 37. Insfrustructure Development Company Limited
- 38. FAS Finance & Investment Limited





### **Digital Survey**



### The importance of Digital Surveys in today's technological landscape

The use of a total station is very necessary in various fields due to its precision, efficiency, and versatility. Here are some key reasons why a total station is essential:

### 1. High Precision and Accuracy

**Critical Measurements:** Total stations provide highly accurate measurements of both distances and angles, which are crucial for tasks requiring exact positioning, such as boundary surveys, construction staking, and alignment of infrastructure. **Error Minimization:** The instrument's ability to automatically calculate coordinates reduces human error, leading to more reliable data.

### 2. Efficiency in Complex Projects

**Time-Saving:** Total stations combine several functions (angle measurement, distance measurement, data recording) into one device, making the surveying process faster and more efficient.

### 3. Versatility Across Applications

**Multiple Functions:** A total station can be used for various tasks including topographic surveys, construction layout, volume calculations, and monitoring structural deformation.

Adaptability: It can be employed in diverse environments, from urban construction sites to remote land surveys, making it a versatile tool for different projects.

### 4. Data Integration and Automation

**Seamless Data Management:** Total stations store data digitally, which can be easily transferred to software for further analysis, mapping, or integration with Geographic Information Systems (GIS).

Automated Features: Advanced models offer automation in tracking, targeting, and data processing, reducing the likelihood of errors and increasing productivity.

### 5. Necessity in Regulatory Compliance

**Meeting Standards:** In many regions, land surveys and construction projects must meet strict regulatory standards for accuracy and precision, which can often only be achieved with a total station.

**Documentation:** The precise data collected by total stations is essential for creating legal documents, such as property deeds, and ensuring compliance with building codes and safety regulations.

### 6. Essential for Complex Construction and Engineering Projects

**Infrastructure Alignment:** For projects like roads, bridges, and tunnels, precise alignment and positioning are critical. A total station ensures that these structures are built according to the exact specifications.

**Monitoring Deformations:** In large-scale engineering projects, total stations are used to monitor the deformation and displacement of structures over time, ensuring safety and structural integrity.

### 7. Environmental and Archaeological Surveys

**Topographical Mapping:** Accurate topographical maps created using total stations are vital for environmental studies, flood modeling, and urban planning.

**Archaeological Documentation:** In archaeology, the ability to document the exact location of finds and features is crucial, and a total station is the best tool for this purpose.

### 8. Cost-Effectiveness in Long-Term Projects

**Reduced Rework:** The accuracy provided by a total station reduces the likelihood of costly errors and rework in constructionand surveying projects, leading to long-term cost savings.

**Investment in Quality:** While the initial cost of a total station may be high, the investment pays off in terms of the quality and reliability of the data it provides, making it a necessary tool for professionals who need to ensure the success of their projects.

In summary, the use of a total station is necessary for professionals in surveying, construction, and engineering due to its unmatched accuracy, efficiency, and adaptability across a wide range of applications. Its role in ensuring precision, meeting regulatory standards, and enhancing productivity makes it an indispensable tool in modern project management.

# **CERTIFICATE** OF PARTICIPATION

**IVSC** 

PROUDLY PRESENTED TO

Md. Dalowar Hossain

This is to certify that Md. Dalowar Hossain has successfully completed the program on 'IVS and its Application in Bangladesh'

organized by Bangladesh Survey & Valuation Companies, Firms and Individual Concerns Association (BSVCFICA) with technical assistance by Assessors & Registered Valuers Foundation (AaRVF) on the 22nd Dec 2023, at Dhaka, Bangladesh.

We congratulate Md. Dalowar Hossain for showing interest and enthusiasm in learning about IVS and its application in Bangladesh, and hope that this program will enhance their knowledge and skills in valuation.

Issued on 22nd Dec 2023 Jasim Uddin Chowdhury President, BSVC.FICA Sourabh Sourabh Sourabh Managing Director, AaRVF Managing Director, AaRVF



# VALUATION PATHSHALA

This is to certify that

Md. Dalower Hossain

Bangladesh

of

has successfully completed The 22 hours training programme on General Standards (IVS 101 - IVS 105) of The International Valuation Standards

held during September 2021 to January 2022

- Kom Ob.

(Sandip Kumar Deb) Founder & Principal

(Syamales Datta) Faculty

Issued in Kolkata, India on 15th November 2022

Anstitute of Government of The People's Republic of Bangladesh · 105234 Certificate This is to certify that Md. Daloware Hossain satisfactorily completed the <u>courese</u> on Financial Modeling & Valuation For Analyst organized by the Institute from <u>December</u> 09, 2023 to \_\_\_\_\_ December 11. 2023 Md. Raziliul Hoque Co-ordinator Md Mar Director General Ihaka Dec. 11. 2023



# CERTIFICATE OF PARTICIPATION

This is to certify that

## MD. DELOWAR HOSSAIN

of

Inspection, Engineering & Survey (IES) Ltd.

has participated the **"TRAINING WORKSHOP ON LEGAL AND REGULATORY FRAMEWORK OF LAND VALUATION IN BANGLADESH- THE ROLE OF VALUERS**" organized by Bangladesh Evaluation Society (BES) in association with Land Administration Training Centre (LATC) on 31 August 2024 at LATC, Nilkhet, Dhaka-1205, Bangladesh.

Jafor Raja Chowdhurv Workshop Director

Md. Nuruzzaman, Ph.D.

President

BES 24-039



### Scope of work/technical matters;

- 1) Identification of land (if required) with the assistance of mouza map/Google map. In case of any mismatches/lapses, reasons there against are properly found out/addressed;
- 2) Establishment of ownership of the reported land with the assistance of land related legal documents (such as sales deeds, bia deeds, mutation records, ground rent receipts, etc.) and verification of the same by physical observations/findings. In case of any mismatches/ lapses, reasons there against, as found in physical observation are properly found out/ addressed;
- 3) Find out the boundaries of the reported land by physical observations and verify the same with those mentioned in the legal documents. In case of any mismatches/lapses, reasons there against, as found in physical observation are properly found out/addressed;
- 4) Identification of classification of land (Residential/commercial/industrial/agricultural) as well as nature of the same (low/high/pond, etc.);
- 5) Find out Legal Issue: (Problem during conducting Survey/valuation) as under (but not limited to):
  - \* Threats related to the property
  - \* Future plan regarding the property
  - \* Probability of acquire/acquisition by Government
  - \* Master plan of Government for area (if any)
  - \* Status in Master Plan (DAP)
- 6) Find out the Possibility of future improvement or further disadvantage factor in connection with the reported land;
- 7) We also incorporate the following features of the land, derived from physical observation as well as discussions with the concerned govt./local govt. authority:
  - i Road Connectivity/Access Road/Transport/Communication facilities
  - ii Demarcation Mode [Details]
  - iii Present use/ Statusof the Property
  - iv Whether Land is under physical Possession of the owner[s]
  - v Importance/Utility facilities in and around the reported property
  - vi Location of site / Distance from nearby Important Place /establishment
  - vii Location Tracking
- 8) Plotting hand sketch map, showing the location of the reported land;
- 9) Valuation: We assess the value of the reported land by inquiring local people with a view to arrive at an average consensus rate as to the market price of the land in the locality, also considering location, configuration, Route communication, Access Road and market price of recent transfer of the land in same vicinity and the infrastructure in and around and future prospects of the locality.

### **CONTACT US**

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### Branch Office / District Office :

Chattogram office	Bab E Elias, Flat 8 D, Bakalia Access Road, Chawkbazar, Chawkbazar, Chattogram.
Khulna office	15, Moulovipara Mosjid Lane, Khulna Sadar, Khulna.
Sylhet office	111, Rahman Villa, Hazrat Kalashah Mazar Road, Borobazar, Amberkhana, Sylhet.
Rangpur office	174, Vogi Bala Para, Idal Moor, Rangpur Sadar, Rangpur.
Gazipur office	Plot No-221, Anonda Bazar, Kapatiapara, Mawna Sreepur, Gazipur.



www.ieslimitedbd.com

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# Inspection, Engineering & Survey (IES) Ltd.

### Contact us - 01714-278826



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# Proper Land Solution