

# COMPANY PROFILE OF ES LAB



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## Contents

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Introduction .....	3
Scopes of Services .....	4
Key Contact Person .....	5
Technical Personnel .....	6
List of Equipment Owned by ES Lab .....	8
Work Methodology .....	9
Standard Penetration Test .....	9
Moisture Content Determination .....	10
Wet Sieve Analysis .....	11
Sieve Analysis .....	11
Hydrometer Analysis.....	12
Atterberg Limit.....	12
Direct Shear Test.....	13
Unconfined Compression Test.....	14
One Dimensional Consolidation Test.....	15
Determination of Specific Gravity.....	16
Plate Load Test.....	16
Pile Load Test .....	17
Pile Integrity Test (PIT).....	18
Parallel Seismic Test (PSI).....	18
Ultrasonic Pulse Velocity (UPV) Test.....	19
Schmidt Hammer Test or Rebound Hammer Test.....	21
Digital Topographic Survey .....	22
Ferro Scanning .....	23
Core Cutting .....	26
Project List.....	26
CV Of Key Personnel .....	31
Work Order .....	32
Trade License, TIN & VAT.....	33
Our Valuable Clients.....	34

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## Introduction

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ES Lab is a multi-disciplinary design and consultancy firm providing consultancy, geotechnical investigation, laboratory testing, survey works and so on to individual and corporate clients. Our aim is to provide services to our client maintaining highest quality.

Our technical experts deliver sustainable solutions that cover the entire project life cycle from planning and design, through to delivery and management, as well as decommissioning and closure. We provide a full suite of multidisciplinary consultancy services across a diverse range of sectors. Through our integrated data acquisition, analysis and advice, we unlock insights from Geo-data to help you design, build and operate assets in a safe, sustainable and efficient manner.

We are focused on providing our clients with the best solutions for their challenges, no matter the scale or type of project. We pride ourselves on our responsive, pragmatic approach, which enables us to assist clients at any and every project stage. We understand the needs of our clients and can identify opportunities which others cannot. Together, we can deliver better outcomes.

## Scopes of Services

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**ES LAB provides the following services:**

**Soil Test:**

- 1) Field Data Collection**
  - a) Standard Penetration Test (SPT)
    - i) Percussion (Manual)
    - ii) Hydraulic Rotary Drilling
  - b) Undisturbed sample collection
    - i) Shelby Tube
    - ii) Piston Sampler
- 2) Laboratory Test**
  - a) Consolidation Test
  - b) Direct Shear Test
  - c) Unconfined Compression Test
  - d) Natural Moisture Content Test
  - e) Unit Weight/ Bulk Density & Void Ratio
  - f) Grain size Analysis
  - g) Atterberg/ Consistency Limit Test
  - h) Determination of Specific Gravity
  - i) Proctor Compaction Test
  - j) Field Density (Sand Cone Method)

**Load Test:**

- 1) Plate Load Test**
- 2) Pile Load Test**
- 3) Pile Integrity Test (PIT)**
- 4) Parallel Seismic Test (PSI)**

**Surveying:**

- 1) Digital Topographical Survey**
- 2) Digital Layout Survey**
- 3) Contour Survey**
- 4) Volume Calculation Survey**
- 5) Mouza Map Preparation**
- 6) River Survey**

**DT and NDT:**

- 1) Detail Ferro-Scanning**
- 2) Core Cutting & Testing**
- 3) Rebar Cutting & Testing**
- 4) Steel Plate Cutting & Testing**
- 5) Ultrasonic pulse velocity (UPV)**

## Key Contact Person

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**Engr. Kawsar Ahmed**

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Managing Director

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**M M Riaz Uddin**

**Director**

ES Lab

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## Technical Personnel

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**Md. Sajal Khan**

M.Sc. in Geotechnical Engineering, BUET;  
B.Sc. in Civil Engineering, BUET;

Technical Advisor

**Hamidul Ahsan Samrat**

M. Engg in Civil Engineering, IUT; B.Sc. in Civil  
Engineering, AUST.

Technical Advisor

**Md. Nayem Hasan**

M.Sc. in Geotechnical Engineering, MIST (Ongoing).  
B.Sc. in Civil Engineering, AUST.

Geotechnical Engineer

**Md. Tauhidul Islam Akanda Tonmoy**

B.Sc. in Civil Engineering, AUST.

Geotechnical Engineer

**Sharmin Aziz Apon**

B.Sc. in Civil Engineering, AUST.

Asst. Geotechnical Engineer

**Shahidul Islam**

B.Sc. in Civil Engineering, DIU.

Field & LAB Engineer

**Ibrahim Hossain**

Diploma in Civil Engineering

Field & LAB Engineer

**Ashzad Hossain**

Diploma in Civil Engineering

Field & LAB Engineer

**Md. Zahadul Alam**

Diploma in Civil Engineering

Field & LAB Engineer



**Md. Rokun Mia**  
Diploma in Civil Engineering

**Md. Hanif Munshi**  
Diploma in Civil Engineering

**Md. Atikur Rahman**  
Diploma in Civil Engineering

**Md. Torikul Islam**  
Diploma in Civil Engineering

**Md. Israk Khan**  
Diploma in Civil Engineering

**Md. Ridoy Hossin**  
Diploma in Civil Engineering

**Md. Zitu Hossin**  
Diploma in Civil Engineering

**Md. Habibur Rahaman**  
Diploma in Civil Engineering

Field & LAB Engineer

Supervisor Engineer (NDT)

Coordinate Engineer (NDT)

Field Engineer (NDT)

Field Engineer (NDT)

Field & LAB Engineer

Field & LAB Engineer

Field & LAB Engineer

## List of Equipment Owned by ES Lab

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### Soil Testing Equipment:

1. Consolidation Testing Machine – 8 Nos
2. Direct Shear Test Apparatus – 1 Nos
3. Hydrometer – 2 Nos
4. Cylinder – 12 Nos
5. Unconfined Compression Test Apparatus – 1 Nos
6. Mechanical Sieve Shaker with Accessories – 1 Nos
7. Pycnometer – 10 Nos
8. Digital Balance with Accessories – 4 Nos
9. Undisturbed Sample Remover – 1 Nos
10. Vernier Calipers – 4 Nos
11. Thermometer – 2 Nos
12. Pipette or Dropper – 5 Nos
13. Stop Watch – 20 Nos
14. Oven – 1 Nos
15. Casagrande Apparatus – 4 Nos
16. Compaction Mold & Hammer – 2 Nos
17. Permeability test equipment – 1 Nos
18. CBR test equipment – 1 Nos
19. Field Density Equipment – 1 Nos
20. Dynamic Cone Penetrator (DCP) – 1 Nos

### Surveying Equipment:

1. RTK Machine (Model- KTS-440 R10)
2. Total Station (Model-Sokkia CX-105, Leica TS06 Plus)
3. Alidade
4. Alidade table
5. Plane table
6. Dumpy level
7. Tape (surveying)
8. Measuring tape
9. Pole (surveying)
10. Surveyor's chain
11. Engineer's chain
12. Level staff
13. Ramsden surveying instruments
14. Ranging rod
15. Prism (surveying) (corner cube retroreflector)
16. Tripod (surveying)
17. Prismatic compass (angle measurement)
18. Land Demarcation Instrument

### Load Testing Equipment:

1. Eco Sounding – 1 Nos
2. Pile Integrity Tester (PIT) – 1 Nos
3. Parallel Seismic Instrument (PSI) – 1 Nos
4. Pulse Measuring Machine – 1 Nos
5. Schmidth Hammer – 2 Nos
6. Plate Load Tester – 1 Set
7. Static Load Testing Equipment – 1 Set
8. Dynamic Load Testing Equipment – 1 Set

### DT and NDT Equipment:

1. Laser Distance – 2 Nos
2. Core Cutter – 2 Nos
3. Ferro- Scanner – 2 Nos
4. UPV – 2 Nos

## Work Methodology

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### Standard Penetration Test

The standard penetration test is an in-situ test that is coming under the category of penetrometer tests. The standard penetration tests are carried out to determine the engineering properties of subsurface soil. The test is extremely useful for determining the bearing capacity, density, and angle of shearing resistance of any soil. It can be used to determine the angle of internal friction or angle of shearing resistance of cohesionless soil and unconfined compressive strength of cohesive soil. The main purpose of this test is to identify the type and nature of the soil and to determine penetration resistance of soil at various depths which can be used for geotechnical design purposes.

**Standard: ASTM D 1586**



Performing SPT using Rotary Rig



Collection of Soil Sample



SPT Using Manual Rig with Auto Hammer

### Moisture Content Determination

Moisture or Water Content (of a material) the ratio expressed as a percent of the mass of “pore” or “free” water in a given mass of material to the mass of the solid material. A standard temperature of  $110^{\circ}\pm 5^{\circ}\text{C}$  is used to determine these masses.

**Standard: ASTM D 2216**



Oven



Performing Moisture Content

### Wet Sieve Analysis

These test methods cover determination of the amount of material finer than a 75- $\mu\text{m}$  (No. 200) sieve by washing.

**Standard: ASTM D 1140**



Wash Sieve

### Sieve Analysis

Sieve analysis is a determination of the proportions of particles lying within certain size ranges in a granular material by separation on sieves of different size openings. This test method is used to separate particles into size ranges and to determine quantitatively the mass of particles in each range. These data are combined to determine the particle-size distribution (gradation). This test

method uses a square opening sieve criterion in determining the gradation of soil between the 3-in. (75-mm) and No. 200 (75- $\mu$ m) sieves. The gradation of a soil is an indicator of engineering properties.

**Standard: ASTM D 422**



Sieve Shaker



Sieve Set

### Hydrometer Analysis

The sedimentation or hydrometer method is used to determine the particle-size distribution (gradation) of the material that is finer than the No. 200 (75- $\mu$ m) sieve and larger than about 0.2- $\mu$ m. The test is performed on material passing the No. 10 (2.0-mm) or finer sieve and the results are presented as the mass percent finer versus the log of the particle diameter.

**Standard: ASTM D 422**



Performing Hydrometer Test



Hydrometer -152H



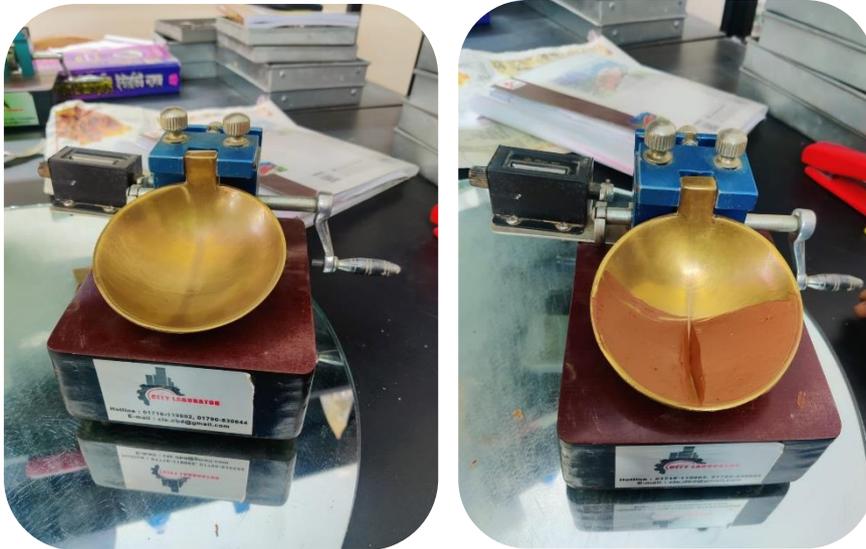
Hydrometer Cylinder

Atterb

Liquid limit (LL)— The liquid limit is determined by performing trials in which a portion of the specimen is spread in a brass cup, divided in two by a grooving tool, and then allowed to flow together from the shocks caused by repeatedly dropping the cup in a standard mechanical device.

Plastic limit (PL)—The plastic limit is determined by alternately pressing together and rolling into a 3.2-mm (1/8-in.) diameter thread a small portion of plastic soil until its water content is reduced to a point at which the thread crumbles and can no longer be pressed together and re-rolled. The water content of the soil at this point is reported as the plastic limit.

**Standard: ASTM D 4318**



Casagrande Apparatus



Performing Atterberg  
Limit Test

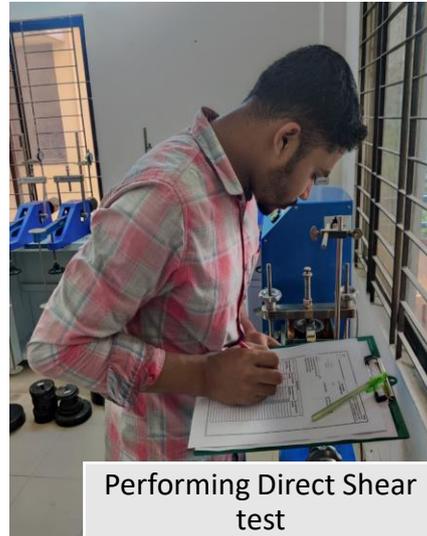
## Direct Shear Test

This test method covers the determination of the consolidated drained shear strength of one specimen of a soil material under direct shear boundary conditions. The specimen is deformed at a controlled rate on or near a single shear plane determined by the configuration of the apparatus.

**Standard: ASTM D 3080**



Direct Shear Apparatus



Performing Direct Shear test

## Unconfined Compression Test

In this test method, a cylindrical soil specimen is unconfined laterally while loaded axially at an axial strain rate between 0.5 to 2 %/min. Measurements are made of elapsed time, axial deformation, and axial load. The unconfined compressive stress,  $q_u$ , is calculated as the compressive stress at failure. The shear strength,  $s_u$ , is one half of the unconfined compressive strength.

**Standard: ASTM D 2166**

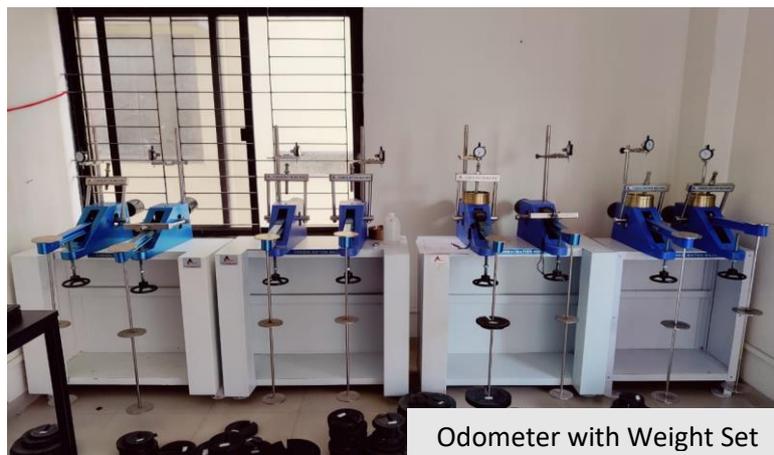
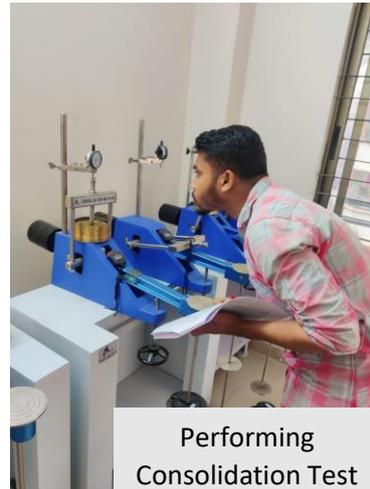


Unconfined Compression Test Apparatus

## One Dimensional Consolidation Test

The gradual reduction in volume of a soil mass resulting from an increase in compressive stress. These test methods cover procedures for determining the magnitude and rate of consolidation of soil when it's restrained laterally and drained axially while subjected to incrementally applied controlled-stress loading. Time deformation readings are taken throughout an increment, the rate of consolidation is evaluated with the coefficient of consolidation.

**Standard: ASTM D 2435**



## Determination of Specific Gravity

The ratio of the mass of a unit volume of a soil solids to the mass of the same volume of gas-free distilled water at 20°C.

These test methods cover the determination of the specific gravity of soil solids that pass the 4.75-mm (No. 4) sieve, by means of a water pycnometer.

**Standard: ASTM D 854**



Pycnometer used in Specific Gravity Determination

## Plate Load Test

Plate load tests provide a direct measure of load bearing capacity (strength), as well as deformation under load.

The load carrying capacity and extent to which a soil undergoes settlement under a given load must be known beforehand in order to design a foundation for the structures. In the field the ultimate bearing capacity and corresponding settlements can be determined with the help of plate load tests.

**Standard: BS 1377 Part 9: 1990**



Plate Load Test

## Pile Load Test

Static pile load testing is one of the most common methods for testing the actual in-situ capacity of a pile.

The test procedure is based on the direct measurement of pile head displacement in response to a physically applied load. The test pile is loaded using a calibrated hydraulic jack that applies the test load to the pile by pushing against a beam placed directly over the test pile. The test beam is restrained by an anchorage system consisting of reaction piles installed in the ground to provide tension resistance. Once the load test frame is installed and fully instrumented, the hydraulic jack applies the test load in a series of increments according to the testing requirements as per project specifications. Each load is held for a certain amount of time until either twice the design load or pile failure is reached, whichever comes first. Pile movement is recorded with each incremental load.

**Standard: ASTM D 1143**



## Pile Integrity Test (PIT)

PIT is a widely used non-destructive test method for the evaluation of pile quality, and integrity. The test can also be used to estimate the unknown length of existing piles and foundations. In the low strain impact integrity testing, the response of the pile to an impact on the head of the pile shaft is determined by a high precision transducer mounted on the pile head. The transducer can either be an accelerometer, or a velocity sensor. The test standard allows two different procedures to obtain acceleration and force information: 1) Pulse-Echo Method (PEM) or Sonic-Echo (SE) and 2) The Transient Response or Impulse-Response (IR).

**Standard: ASTM D 5882**



Performing PIT



Pile Integrity Tester

## Parallel Seismic Test (PSI)

Parallel Seismic is more accurate, more versatile than other nondestructive surface techniques for determination of unknown foundation depths.

Parallel Seismic (PS) systems are designed to determine the length and integrity of foundations when the top is not accessible or when the pile is too long and slender to test with echo techniques, or below a buried pile cap. Ultimately, Parallel Seismic testing provides information concerning the length and compressional velocity of foundations and can be used on concrete, wood, masonry, and steel foundations. This method also provides information about the soil below the foundation bottom.

**Standard: ASTM D 5882-07**



Performing PSI

## Ultrasonic Pulse Velocity (UPV) Test

Ultrasonic Pulse Velocity Tester is used to measure the velocity of propagation of ultrasonic pulses through concrete. A pulse of longitudinal vibrations is produced by an electro-acoustical transducer held in contact with one surface of the concrete under test. After traversing a known path length in the concrete, the pulse of vibrations is converted into an electrical signal by a second transducer and electronic timing circuits enable the transit time of the pulse to be measured.

BS EN 12504-4:2004 gives guidance on testing fresh concrete, hardened concrete and concrete in structures. It specifies a method for the determination of the velocity of propagation of pulses of ultrasonic longitudinal waves in concrete.

The measurement of pulse velocity can be used for the determination of the uniformity of concrete, the presence of cracks or voids, changes in properties with time and in the determination of dynamic physical properties.

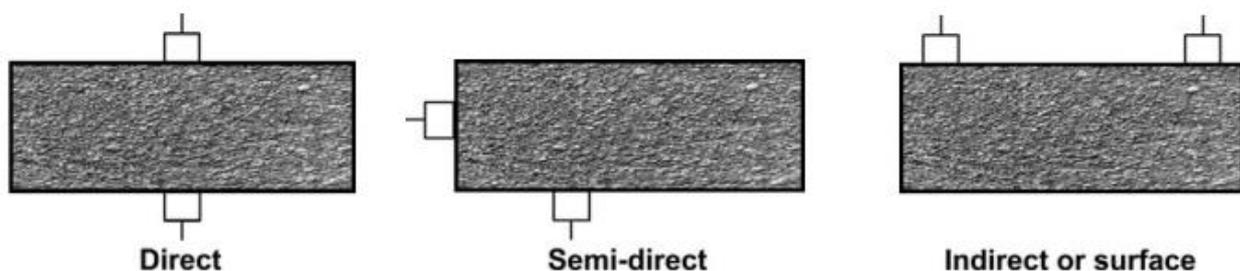


Performing UPV

**Standard: ASTM C 597-09**

### TRANSDUCER ARRANGEMENT

Three transducer arrangements are commonly used.



Wherever possible use the direct arrangement as this ensures the maximum signal transmission between the transducers. The semi-direct arrangement is less sensitive than the direct, but more sensitive than the indirect arrangement. The path length is the distance between the centers of each transducer.

The indirect method is particularly useful for determining crack depth, surface quality or in the case when only one surface is accessible.

## WORK METHODOLOGY

- It will be verified at first that the equipment is operating properly and a zero-time adjustment will be performed.
- Coupling agent will be applied to the transducer faces and the faces will be pressed together. The instrument uses a microprocessor to record this delay time, which is subtracted automatically from subsequent transit time measurements.
- Coupling agent will be applied to the ends of the reference bar, and the transducers will be pressed firmly against the ends of the bar until a stable transit time is displayed. The zero reference will be adjusted until the displayed transit time agrees with the value marked on the bar.
- The zero adjustment will be checked on an hourly basis during continuous operation of the instrument, and every time a transducer or connecting cable is changed.
- For testing existing construction, test locations will be selected in accordance with Practice C823, or by the requirement from client's end.
- Appropriate coupling agent will be applied (such as water, oil, petroleum jelly, grease, moldable rubber, or other viscous materials) to the transducer faces or the test surface, or both. The faces of the transducers will be pressed firmly against the surfaces of the concrete until a stable transit time is displayed, and the transit time will be measured. The straight-line distance between centers of transducer faces will be measured.

## Technical Specification of Apparatus:

### Pundit PL-200

#### Pundit PL-200 – The new Benchmark for Ultrasonic Pulse Velocity Testing

Best-in-class Ultrasonic testing instrument providing superior features for on-site testing:

- ✓ **Line Scans and Area Scans for concrete uniformity assessment**
- ✓ **Zoom and scroll for precise A-Scan inspection**
- ✓ **On board storage and review of waveforms**
- ✓ **Settings directly accessible on measuring screen**
- ✓ **Dual cursor for manual A-Scan evaluation**
- ✓ **Separate cursor to measure signal amplitude**
- ✓ **Improved surface velocity measurement**
- ✓ **Automatic and manual triggering and user adjustable trigger threshold**
- ✓ **A-Scan update rate up to 40 Hz**
- ✓ **Expandable with Pundit Pulse Echo transducer**

#### Technical Specification

	Pundit PL-200	Pundit PL-200PE
Range	0.1 – 7930 $\mu$ s	
Resolution	0.1 $\mu$ s (< 793 $\mu$ s), 1 $\mu$ s (> 793 $\mu$ s)	
Display	7" colour display 800x480 pixels	
Pulse Voltage	UPV	100 – 450 Vpp
	UPE	–   100 – 400 Vpp
Bandwidth	20 – 500 kHz	
Receiver Gain	1x – 10'000x (0 – 80dB) [11 steps]	
Memory	Internal 8 GB Flash memory	
Regional Settings	Metric and imperial units and multi-language supported	
Battery	Lithium Polymer, 3.6 V, 14.0 Ah	
Battery Lifetime	> 8h (in standard operating mode)	
Operating Temperature	0°C – 30°C (Charging, running instrument) 0°C – 40°C (Charging, instrument is off) -10°C – 50°C (Non-charging)	
Humidity	< 95 % RH, non condensing	
IP Classification	IP54	

## Pundit Lab<sup>+</sup>

<b>Transit time Measurement</b>	
Range	0.1 – 9999 $\mu$ s Auto ranging.
Resolution	0.1 $\mu$ s
<b>Display</b>	
79 x 21 mm passive matrix OLED	
<b>Transmitter</b>	
Optimized energizing pulse 125 V, 250 V, 350 V, 500 V, AUTO	
<b>Receiver</b>	
Selectable gain steps Pundit Lab	1x, 10x, 100x, AUTO
Selectable gain steps Pundit Lab <sup>+</sup>	1x, 2x, 5x, 10x, 20x, 50x, 100x, 200x, 500x, 1000x, AUTO
Bandwidth	20 kHz – 500 kHz
<b>Memory</b>	
Non volatile, > 500 measured values	
Regional Settings	Metric and imperial units supported
<b>Power Supply</b>	
Battery	4 x AA batteries (> 20 hours continuous use)
Mains:	5v, <500mA via USB Charger
PC	5v, <500mA directly via USB cable
<b>Mechanical</b>	
Dimensions	172 x 55 x 220 mm
Weight	1.3 kg (incl. batteries)
<b>Environmental conditions</b>	
Operating temperature	-10° to 60°C (0° to 140°F)
Humidity	<95% RH, non condensing
IP Classification	IP42

### CALCULATION

$$V = L/T$$

Were,

V = pulse velocity, m/s

L = distance between centers of transducer faces, m

T = transit time, s.

### REFERENCES

ASTM C597-09, "Standard Test Method for Pulse Velocity Through Concrete," ASTM International, West Conshohocken, PA, 2009, DOI: 10.1520/C0597-09.

### Schmidt Hammer Test or Rebound Hammer Test

Rebound hammer test method is based on the principle that the rebound of an elastic mass depends on the hardness of the concrete surface against which the mass strikes. The operation of the rebound hammer is shown in figure-1. When the plunger of rebound hammer is pressed against the concrete surface, the spring-controlled mass in the hammer rebounds. The amount of rebound of the mass depends on the hardness of concrete surface. Thus, the hardness of concrete and rebound hammer reading can be correlated with compressive strength of concrete. The rebound value is read off along a graduated scale and is designated as the rebound number or rebound index. The compressive strength can be read directly from the graph provided on the body of the hammer.

**Standard: ASTM C 805**



Schmidt Hammer



Performing Schmidt Hammer

### Digital Topographic Survey

ES Lab is recognized as one of the top digital land surveying firms in Bangladesh. ES Lab provides Surveying and Land Planning services for the development of private and public projects. ES Lab has helped hundreds of clients to maximize the value of their projects by finding potential opportunities.

Qualified engineers and skilled technicians were employed to compete with multinationals in terms of rate and quality. We can boldly say that our company achieved the firm due to the countless efforts of our employees. We also believe that our success depends on the experience and sincere efforts of our technical personnel and inspired collective management. Quality and accuracy of work are possible as we have sufficient modern equipment by which we can satisfy our clients.

Our range of services is inclusive of Topographical surveys, Geographical surveys, Hydrographical surveys, GPS & GNSS, Repairing & Maintenance, Lab Activities, Contour Survey, Volume Calculation Survey, Mouza Map Preparation. There is a great demand for these in varied kinds of project management requirements and civil and structural engineering. Our services are renowned for being prompt, relevant, effective and accurate. In our field operations, we use cutting edge technologies and all of the latest office processing and CAD software.

At ES Lab, we understand that it is the little things that make a big difference in your projects. Over the years, our clients have come to know and trust us for our consistent and thorough approach and also our dedication as a project partner. We are committed to help you building a successful project.



Total Station



Performing Digital Survey

## Ferro Scanning

The Ferro scan test is a non-destructive testing (NDT) method used to locate and map reinforcing bars in concrete. It is a rapid and accurate method that can be used to assess the condition of existing concrete structures, identify potential defects, and plan repairs or renovations.

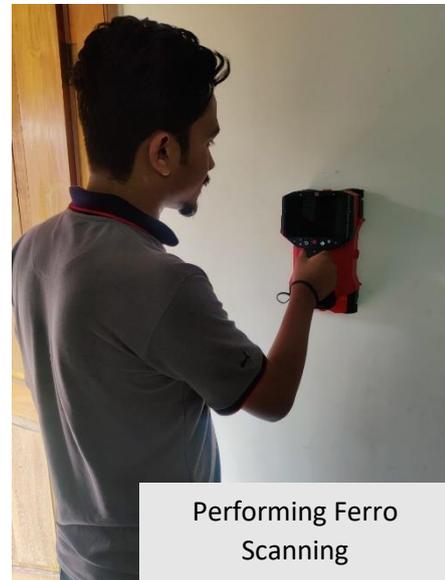
With Ferro Scanning we know where to drill, core, saw and cut in concrete structures on site helps to avoid costly repairs, saves time, prevents accidents and protects tools, drill bits and inserts.

Using specialist equipment we scan, detect and mark the position and depth of the rebar within concrete structures.

The marked positions can then be surveyed using a total station enabling drawings showing positions and depths to be produced. The information can be related to site grid.



PS300 Ferro-Scanner

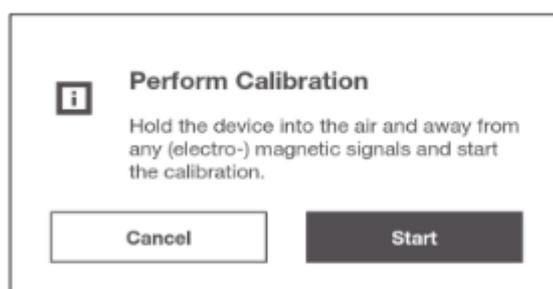


Performing Ferro Scanning

## WORK METHODOLOGY

The Ferro scan test method uses a handheld scanner that emits a magnetic field. The scanner is passed over the concrete surface, and the magnetic field induces an eddy current in the reinforcing bars. The eddy current, in turn, generates a secondary magnetic field that is detected by the scanner. The strength and shape of the secondary magnetic field are used to determine the location, depth, and diameter of the reinforcing bars.

- The concrete surface should be clean, dry, and free of debris. Any surface irregularities, such as cracks or spalling, should be repaired.
- The scanner will be calibrated before each use (Figure-01). This ensures that the scanner is measuring the magnetic field accurately.



- The scanner will be placed on the concrete surface and will be hold firmly against the surface. The scanner should be oriented so that the magnetic field is perpendicular to the reinforcing bars.
- The scanner will be moved slowly and evenly over the concrete surface. The scanner will collect data on the location, depth, and diameter of the reinforcing bars. Movement of the scanner will be detected by Hilti Detection (Figure-2).

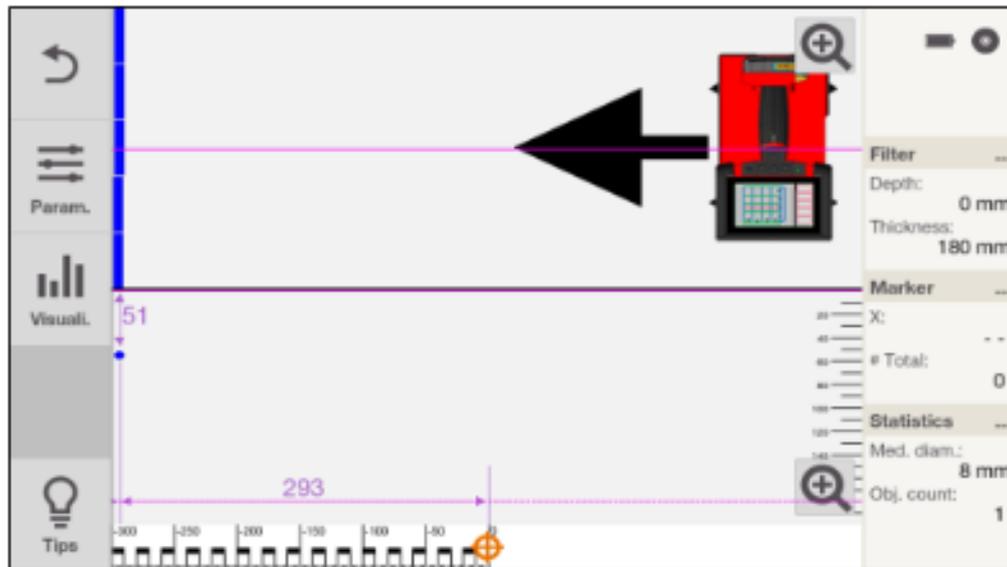


Figure 2

- The data collected by the scanner can be used to generate a map of the reinforcing bars in the concrete. This map can be used to assess the condition of the concrete, identify potential defects, and plan repairs or renovations. Sample of Scanning Path is attached in Figure-03.

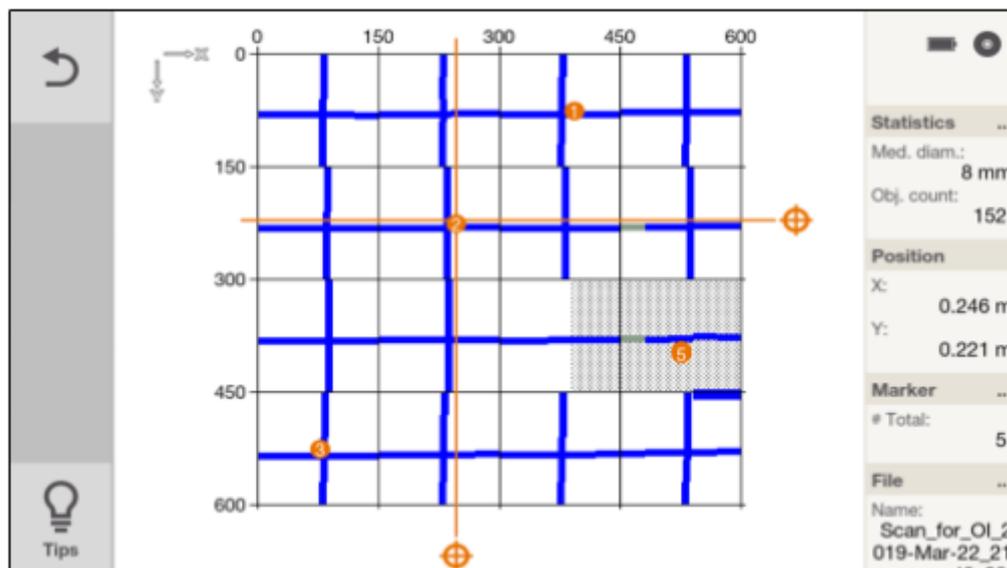


Figure 3

TECHNICAL SPECIFICATION OF APPARATUS:

	<b>PS 300</b>
<b>Maximum depth for measurement of coverage</b>	200 mm (7.9 in)
<b>Accuracy of localization</b>	1 % +/- 3 mm (0.12 in)
<b>Accuracy of cover measurement to a depth <math>\leq</math> 50 mm (1.97 in).</b>	+/- 1 mm (0.04 in)
<b>Rebar diameter</b>	4 mm ... 57 mm (0.2 in ... 2.2 in)
<b>Battery life under normal operating conditions</b>	4 h
<b>Maximum scanning speed</b>	0.50 m/s (1.64 ft/s)
<b>Memory type</b>	Built-in flash memory
<b>Memory capacity</b>	3 GB
<b>Data interface</b>	USB
<b>Data transfer rate</b>	Typically 4 Mbyte/s
<b>Weight</b>	1.95 kg (4.30 lb)
<b>Dimensions</b>	284 x 163 x 154 mm (11.18 x 6.42 x 6.06 in)
<b>Display type</b>	LCD
<b>Display size</b>	134.8 x 90.6 mm (5.31 x 3.57 in)
<b>Display resolution</b>	800 x 480 pixels
<b>Degree of protection, without battery</b>	IP 54
<b>Relative air humidity</b>	90 %
<b>Ambient temperature for operation</b>	-10 °C ... 50 °C (14 °F ... 122 °F)
<b>Storage temperature</b>	-25 °C ... 63 °C (-13 °F ... 145 °F)
<b>WiFi frequency, channels 1-11</b>	•/•
<b>WiFi frequency, channels 36-48</b>	•/•
<b>Maximum emitted transmission power, channels 1-11</b>	•/•
<b>Maximum emitted transmission power, channels 36-48</b>	•/•

REFERENCES

Zanona, J. (2009), Product Information – Hilti Ferroskan PS 200, Hilti Corporation, Liechtenstein.

Hilti Corporation (2007), Overview of Application Possibilities and Examples for Rebar Analyses, Schaan, Liechtenstein.

Hilti Corporation (2005), Operating Instructions – Hilti Ferroskan PS 200, Schaan, Liechtenstein.

Hilti Corporation (2004), Earthquake Resistant Installations, Schaan, Liechtenstein.

## Core Cutting

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Standard: ASTM C 42



## Major Project List

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9	Lantabur Apparels Ltd.	26	Lantabur group
10	Pacific Recycled Fiber Ltd.	24	NHT Holdings
11	Masjid and Maktab Complex at Bagerhat	20	Lantabur group
12	Bangabandhu Convention Center	20	O.Creeds Ltd.
13	Arbella Fashion Ltd.	18	Arbella Fashion Ltd.
14	Bay Economic Zone & Bay Office Building	19	Bay Group
15	Saiham Knit Composite Ltd.	17	Saiham Group
16	Proposed Garments Building	17	Rownak Textile Mills Ltd.
17	Mascom Knit Composite Ltd.	16	Mascom Knit Composite Ltd.
18	Reedisha Knitex Ltd.	15	Reedisha Knitex Ltd.
19	Proposed ETP & Boiler Building at Emon Fashion Ltd.	15	Emon Fashion Ltd.
20	7 Bridge over Canal for Excavation and Widening of 100 feet Khal	14	24 Engineering Construction Brigade
21	Jericho IMEX Ltd.	14	Jericho IMEX Ltd.
22	North Star Textile Ltd.	14	Abedin Group
23	Proposed Shed of DBL Ceramics	12	DBL Group
24	Lantabur Homes Ltd.	12	Lantabur Group
25	Good House Properties Ltd	12	Bay Group
26	Dockyard of Coast Guard	11	Bangladesh Coast Guard
27	Rupsha Tyres & Chemicals Ltd.	11	
28	Windy Dry and wet process Unit	11	Windy Group
29	Development of Water Supply System	10	DPHE, Tangail
30	Vintage Garments Ltd.	10	Windy Group
31	Proposed ETP at Emon Fashion Ltd.	10	Emon Fashion Ltd.

32	Wintage Garments	8	Wintage Garments
33	Proposed 10 Storied Residential Building	7	
34	Fecal Sludge and Solid Waste Treatment Plant	6	Public Works Department
35	Proposed 8 Storied Residential Building at Nimtoli Bridge	7	
36	JL Sweaters	7	JL Sweaters Ltd.
37	Fashion Packers Ltd.	6	Apparel Mart Packaging Ltd.
38	Proposed 10 storied Residential Building at Chattogram	5	
39	Concept Knitting Unit Ltd.	3	Masco Group
40	Proposed Substation & Overhead Water Reservoir	3	Coats Bangladesh Ltd.
41	Concord Rubber and Plastic	3	Concord Group
42	Daffodil International College	3	Daffodil International College
43	Extension of Administration Building	3	Dhaka WASA
44	Mohammadpur Project-1	3	Alokito Biddut Housing
45	R.G. Enterprise	2	R.G. Enterprise

SL No.	Test Name	Test Load	Test Number	Name of the Client
1	Static Pile Load Test	300 ton	2	Soorty Textiles (BD) Ltd.
2	Static & Dynamic Load Test	150 ton	6	Geotech & Structures
3	Static Pile Load Test	220 ton	1	Masco Group
4	Static Pile Load Test	90 ton	2	Signature 11
5	Static Pile Load Test	90 ton	1	Dhaka South City Corporation
6	Plate Load Test	8 ton	3	KDS Textile Mills Ltd.

7	Plate Load Test	5 ton	1	Gava Pvt. Ltd.
8	Plate Load Test	5 ton	2	Gava Pvt. Ltd.

## Major Project List (Ferro-Scan & UPV)

SL No.	Project Name	Name of the Client
1	Vintage Garments Ltd. Ashulia, Savar, Dhaka	Windy Group
2	Union Sportswear Expansion Project, Pagar, tangi, Gazipur	Windy Group
3	Magpie Composite Textile Ltd. Ashulia, Savar Dhaka	Magpie Composite Textile Ltd.
4	Nasa Hitech Style Ltd Sreepur, Gazipur.	Nasa Hitech Style Ltd
5	Argon Denims Ltd Gorgoria, Masterbari, Gazipur	Evince Group
6	New Star Hilo Co. Ltd. DEP, Savar, Dhaka	New Star Hilo Co. Ltd.
7	Axis Knitwears Ltd. Mawna, Sreepur, Gazipur.	Axis Group
8	Lantabur Apparels Sreepur, Gazipur.	Lantabur Group
9	Lantabur Textile Ltd. Trisal, Maymansing.	Lantabur Group
10	Fountain Garments Mfg. Ltd. Ashulia Gazipur	Fountain Garments Mfg. Ltd.
11	National Sports Council tower. Gulistan, Dhaka.	National Sports Council tower.
12	Intrigal Apparels (Anupom Fashion) Mazukhan, Tongi, Gazipur.	Intrigal Group
13	Arbella Fashion Sreepur Gazipur, Dhaka	Arbella Fashion Ltd.
14	Avant Fine Chemical Ltd.	Avant Fine Chemical Ltd.
15	WASA Saidabad, Dhaka.	WASA
16	Saiham Textile Mills Ltd. Habigang,	Saiham Group



## CV Of Key Personnel

# KAWSAR AHMED

01687009919

[eslabbd@gmail.com](mailto:eslabbd@gmail.com)

Membership – The Institute of Engineering, Bangladesh;

## EXPERIENCE

**IN TOTAL MORE THAN 8 YEARS EXPERIENCE FROM AUGUST 1, 2014 TO TILL DATE**

**TEAM LEADER & MANAGING DIRECTOR, ES LAB**

### KEY RESPONSIBILITIES:

- Oversees all activities within a team.
- Distribute information to team members and stakeholders.
- Keep track of and structuring various tasks, employees and documents.
- Decides how to approach tasks and develop a plan to accomplish them.
- Determine the goals that members will work toward.
- Develop team strengths and improve weaknesses
- Create an inspiring team environment with an open communication culture
- Monitor team performance and report on metrics
- Motivate team members
- Discover training needs and provide coaching
- Listen to team members' feedback and resolve any issues or conflicts
- Recognize high performance and reward accomplishments
- Encourage creativity and risk-taking
- Suggest and organize team building activities

## EDUCATION

**B.SC IN CIVIL ENGINEERING, BUET**

## SKILLS

- Interpersonal and communication skill
- Organizational skills
- Ability to delegate
- Confident work ethic
- ETABS
- SAP 2000
- STAAD PRO
- STAAD FOUNDATION ADVANCED
- RAM CONNECTION
- ACECOMS GEAR
- SHORING SUITES etc.

# MD SHAJAL KHAN

eslabbd@gmail.com

Membership – The Institute of Engineering,  
Bangladesh; Rajshashi Development Authority

## EXPERIENCE

**IN TOTAL 10 YEARS 1 MONTH EXPERIENCE FROM AUGUST 1, 2012 TO TILL DATE**

**JUNE 2021 – TILL DATE**

**TECHNICAL ADVISOR, ES LAB**

### KEY RESPONSIBILITIES:

- Application of Bangladesh National Building Code (BNBC 2006 or BNBC 2020) and several international codes such as ASCE 41, ASCE 7, ACI, AISC, AWS and so on for structural analysis, design and drawing.
- Developing the concept drawing specially for critical drawing for major structural elements and detailing for both concrete and steel frames building as well as concrete shear wall buildings.
- Coordination work with client and respective stakeholders for several projects such as UNICEF, WFP, FAO, BBC Dhaka and so on.
- Monitoring the geotechnical investigation tests and special geotechnical vulnerability assessment such as soil liquefaction and site amplification analysis using both analytical and numerical methods, foundation design and etc.
- Concept developing and assisting to identify technical problems, analysis, design and construction drawing to other sub ordinates or team members.
- Acting as executive member for company's business development, system management and other logistic facilities.

## EDUCATION

**B.SC IN CIVIL ENGINEERING, BUET**

**M.SC IN CIVIL AND GEOTECHNICAL ENGINEERING, BUET (ON-GOING)**

## SKILLS

- Interpersonal and communication skill
- Planning capability and analytical ability
- Problem identification and solving skill
- ETABS
- SAP 2000
- SAFE
- PERFORM 3D
- PLAXIS 2D & 3D
- AUTOCAD

# MD HAMIDUL AHSAN; PENG

Membership – [The Institute of Engineering, Bangladesh](#);  
Member – [International Code Council](#)  
Member – [Bangladesh Professional Engineers Registration Board](#)

## EXPERIENCE

**IN TOTAL MORE THAN 8 YEARS EXPERIENCE FROM DECEMBER, 2013 TO TILL DATE**

**JUNE 2021 – TILL DATE**

Technical Advisor, ES LAB

### KEY RESPONSIBILITIES:

- Application of Bangladesh National Building Code (BNBC 2006 or BNBC 2020) and several international codes such as ASCE 41, ASCE 7, ACI, AISC, AWS and so on for Foundation Design and analysis.
- Monitoring the geotechnical investigation tests and special geotechnical vulnerability assessment such as soil liquefaction and site amplification analysis using both analytical and numerical methods, foundation design and etc.
- Concept developing and assisting to identify technical problems, analysis, design and construction drawing to other sub ordinates or team members.
- Acting as executive member for company's business development, system management and other logistic facilities.
- Seismic vulnerability assessment of Foundation based on Shear wave velocity.
- Slope stability assessment, retaining wall design.
- Soil improvement design depending on soil strata.

## EDUCATION

**B.SC IN CIVIL ENGINEERING, AUST**

**M.ENGG IN CIVIL ENGINEERING, IUT (ON-GOING)**

## SKILLS

- Interpersonal and communication skill
- Planning capability and analytical ability
- Problem identification and solving skill
- ETABS
- SAP 2000
- CSI Bridge
- SAFE
- GEO5
- PLAXIS 2D & 3D
- AUTOCAD
- REFLEX W

# M M RIAZ UDDIN

01703543179

[eslabbd@gmail.com](mailto:eslabbd@gmail.com)

## EXPERIENCE

**IN TOTAL MORE THAN 10 YEARS EXPERIENCE FROM September 20, 2015 TO TILL DATE**

**DIRECTOR, ES LAB**

KEY RESPONSIBILITIES:

- Soil-structure interaction and numerical modeling of Geotechnical problems
- NDT Testing Responsibility
- Topography Survey, Drone Survey, RTK Survey Responsibility
- Design of slopes & embankments
- Design and Construct experience
- Reinforced earth / soil nailing
- Investigation of any failures / problems
- Maintains administrative staff by recruiting, selecting, orienting, and training employees.
- Administrative personnel by communicating job expectations, appraising job results, and disciplining employees.
- Sets policies and procedures for training, coaching, counseling, and career development for staff.
- Initiates and coordinates goals, deadlines, and projects for their department.
- Develops and implements policies and procedures to improve operations and function of the department.
- Monitors and procures needed supplies for office and site
- Ensures a safe, secure, and well-maintained facility that meets environmental, health, and security standards

## EDUCATION

B.Sc. & M.Sc. Engineering, BUET

## SKILLS

- Geo technical, NDT & Survey work With Japanese, Malaysian, Singapore, Norway etc. countries company.
- Team leader of Testing
- Written and verbal communication skills
- Scheduling and planning
- Leadership
- Organizational skills
- Attention to detail
- Administrative writing and reporting skills

# TANIA RAHMAN

eslabbd@gmail.com

## EXPERIENCE

**IN TOTAL MORE THAN 5 YEARS EXPERIENCE FROM MAY 1, 2017 TO TILL DATE**

**JULY 2022 – TILL DATE**

**TENDER & DOCUMENT CONTROL ENGINEER, ES LAB**

### KEY RESPONSIBILITIES:

- Handling intake, scanning, verification, and storing documents.
- Filing and archiving relevant documentation.
- Designing templates for documents, file types, and document databases.
- Checking and editing documents for accuracy and compliance.
- Controlling the flow of documents in and out of the department.
- Reporting errors or developments regarding document storage.
- Updating and maintaining document management systems and physical records.
- Maintaining the security of confidential documents.
- Identifying opportunities for tender proposals.
- Developing strategies to win new projects.
- Writing and editing proposals.
- Performing risk assessments and addressing concerns of clients and company staff.
- Assisting employees with accessing documents through our document management system.

## EDUCATION

**B.SC IN CIVIL ENGINEERING, EUB**

## SKILLS

- Administration skills
- Thorough and pay attention to detail
- Able to work well with others
- Able to use initiative
- Able to work well under pressure
- Flexible and open to change

# MD NAYEM HASAN

eslabbd@gmail.com

## EXPERIENCE

**IN TOTAL MORE THAN 4 YEARS EXPERIENCE FROM APRIL, 2018 TO TILL DATE**

**OCTOBER 2022 – TILL DATE**

**GEOTECHNICAL ENGINEER, ES LAB**

### KEY RESPONSIBILITIES:

- Preparation of Laboratory Test Report according to ASTM Standard.
- Monitoring the geotechnical investigation tests and special geotechnical vulnerability assessment such as soil liquefaction and site amplification analysis using both analytical and numerical methods.
- Soil improvement design depending on soil strata.
- Maintain coordination in between all parties.
- Implementation of Project in accordance with client requirement and management guidance.
- Field test supervision once or twice for every project
- Proposing Schedule for the project.
- Preparing BOQ for tendering and Sub Contractor Packages.
- Providing Technical Support to Site Engineers.

## EDUCATION

**B.SC IN CIVIL ENGINEERING, AUST**

**M.SC IN GEOTECHNICAL ENGINEERING, MIST (ON-GOING)**

## SKILLS

- Supervising Geotechnical Sites
- Foundation Design
- Liquefaction Analysis
- Geotechnical Laboratory Tests Including Consolidation, Tri Axial Tests
- SPT, CPT, SCPT, SDHT, PIT etc.
- ETABS
- SAFE
- GEO5
- PLAXIS 2D & 3D
- AUTOCAD
- Surfer
- CPT Explorer

# MD TAUHIDUL ISLAM AKANDA

eslabbd@gmail.com

## EXPERIENCE

**IN TOTAL MORE THAN 4 YEARS EXPERIENCE FROM APRIL, 2018 TO TILL DATE**

**FEBRUARY 2022 – TILL DATE**

**GEOTECHNICAL ENGINEER, ES LAB**

### KEY RESPONSIBILITIES:

- Preparation of Laboratory Test Report according to ASTM Standard.
- Monitoring the geotechnical investigation tests and special geotechnical vulnerability assessment such as soil liquefaction and site amplification analysis using both analytical and numerical methods.
- Soil improvement design depending on soil strata.
- Maintain coordination in between all parties.
- Implementation of Project in accordance with client requirement and management guidance.
- Field test supervision once or twice for every project
- Proposing Schedule for the project.
- Preparing BOQ for tendering and Sub Contractor Packages.
- Providing Technical Support to Site Engineers.

## EDUCATION

**B.SC IN CIVIL ENGINEERING, AUST**

## SKILLS

- Supervising Geotechnical Sites
- Foundation Design
- Liquefaction Analysis
- Geotechnical Laboratory Tests Including Consolidation, Tri Axial Tests
- SPT, CPT, SCPT, SDHT, PIT etc.
- ETABS
- SAFE
- GEO5
- PLAXIS 2D & 3D
- AUTOCAD
- Surfer
- CPT Explorer

# MD. SHAHIDUL ISLAM

eslabbd@gmail.com

## EXPERIENCE

**IN TOTAL MORE THAN 5 YEARS EXPERIENCE FROM SEPTEMBER 1, 2017 TO  
TILL DATE**

**NOVEMBER 2021 – TILL DATE**

**SITE COORDINATOR & LAB TECHNICIAN, ES LAB**

### KEY RESPONSIBILITIES:

- Supervising field tests like SPT, SDHT
- Make observations of soil characteristics including color, texture, structure in site.
- Collect samples of soil for laboratory analysis and performing tests to determine physical & Mechanical properties of the soil.
- Perform test in an accurate, complete, timely, and understandable fashion in accordance with applicable testing procedures
- Record data and measurements taken during soil analysis.
- Ensure that project requirements are met and are compliant with project specifications, requirements, and company policies or procedures
- Complete daily time and labor reports accurately in accordance with company policy.

## EDUCATION

**B.SC IN CIVIL ENGINEERING, DIU**

## SKILLS

- Field supervision
- Physical properties of soil determination.
- Mechanical properties of soil determination.
- Visual inspection of soil

# MD. IBRAHIM HOSSAIN

eslabbd@gmail.com

## EXPERIENCE

**IN TOTAL MORE THAN 3 YEARS EXPERIENCE FROM JULY 1, 2019 TO TILL DATE**

**NOVEMBER 2021 – TILL DATE**

**SITE COORDINATOR & LAB TECHNICIAN, ES LAB**

### KEY RESPONSIBILITIES:

- Supervising field tests like SPT, SDHT
- Make observations of soil characteristics including color, texture, structure in site.
- Collect samples of soil for laboratory analysis and performing tests to determine physical & Mechanical properties of the soil.
- Perform test in an accurate, complete, timely, and understandable fashion in accordance with applicable testing procedures
- Record data and measurements taken during soil analysis.
- Ensure that project requirements are met and are compliant with project specifications, requirements, and company policies or procedures
- Complete daily time and labor reports accurately in accordance with company policy.

## EDUCATION

**B.SC IN CIVIL ENGINEERING, EUB (ONGOING)**

## SKILLS

- Field supervision
- Physical properties of soil determination.
- Mechanical properties of soil determination.
- Visual inspection of soil

# ASHZAD HOSSAIN

eslabbd@gmail.com

## EXPERIENCE

**IN TOTAL MORE THAN 5 YEARS EXPERIENCE FROM SEPTEMBER 1, 2017 TO  
TILL DATE**

**DECEMBER 2021 – TILL DATE**

**LAB TECHNICIAN, ES LAB**

### KEY RESPONSIBILITIES:

- Supervising field tests like SPT, SDHT
- Make observations of soil characteristics including color, texture, structure in site.
- Collect samples of soil for laboratory analysis and performing tests to determine physical & Mechanical properties of the soil.
- Perform test in an accurate, complete, timely, and understandable fashion in accordance with applicable testing procedures
- Record data and measurements taken during soil analysis.
- Ensure that project requirements are met and are compliant with project specifications, requirements, and company policies or procedures
- Complete daily time and labor reports accurately in accordance with company policy.

## EDUCATION

**DIPLOMA IN CIVIL ENGINEERING, FENI POLYTECHNIC**

## SKILLS

- Field supervision
- Physical properties of soil determination.
- Mechanical properties of soil determination.
- Visual inspection of soil

# HANIF MUNSHI

eslabbd@gmail.com

## EXPERIENCE

**ABOUT 7 YEARS EXPERIENCE FROM OCTOBER 2016 TO TILL DATE**  
**SUPERVISOR ENGINEER (NDT), ES LAB**

### KEY RESPONSIBILITIES:

- Prepare physical documentation for scanning in accordance with file preparation procedure
- Quality check completed scanned document
- Check Reinforcement Quantity, Placement, Quality, Dia / Size Confirmation
- Check Reinforcement Spacing both side
- Check Clear cover of reinforcement to Concrete
- Check other unethical element like cable, Pipe Etc.
- Examine previous records and evidence to ensure data accuracy
- Quality check completed scanned document
- Supervise and provide guidance to field staff
- Report on results and present findings to clients
- Collaborate with engineers and architects on several projects
- DT & NDT report preparation
- Crack investigation
- Retrofitting Detail drawings both steel & RCC

## EDUCATION

**DIPLOMA IN CIVIL ENGINEERING, GRASSROOTS COLLEGE OF TECHNOLOGY**

## SKILLS

- Interpersonal and communication skill
- Organizational skills
- Ability to delegate
- Confident work ethic
- AutoCAD
- Revit Structural
- ETABS
- Tekla
- Lumion
- SketchUp

# ATIKUR RAHAMAN

eslabbd@gmail.com

## EXPERIENCE

**ABOUT 5 YEARS EXPERIENCE FROM OCTOBER 2018 TO TILL DATE**

**COORDINATOR ENGINEER (NDT), ES LAB**

### KEY RESPONSIBILITIES:

- Preparation of report.
- Check Reinforcement Quantity, Placement, Quality, Dia / Size Confirmation
- Check Reinforcement Spacing both side
- Check Clear cover of reinforcement to Concrete
- Check other unethical element like cable, Pipe Etc.
- Examine previous records and evidence to ensure data accuracy
- Quality check completed scanned document
- Supervise and provide guidance to field staff
- Report on results and present findings to clients
- Collaborate with engineers and architects on several projects
- DT & NDT report preparation
- Crack investigation

## EDUCATION

**DIPLOMA IN CIVIL ENGINEERING, GRASSROOTS COLLEGE OF TECHNOLOGY**

## SKILLS

- Ferro Scan
- UPV
- Core Cutting
- Field supervision
- Interpersonal and communication skill
- Organizational skills
- Ability to delegate
- Confident work ethic
- AutoCAD
- Revit Structural
- ETABS
- Tekla
- Lumion
- SketchUp

# MD. TORIKUL ISLAM

[eslabbd@gmail.com](mailto:eslabbd@gmail.com)

## EXPERIENCE

**IN TOTAL MORE THAN 6 YEARS EXPERIENCE FROM MARCH 1, 2017 TO TILL DATE**

**FEBRUARY 2022 – TILL DATE**

**SENIOR FIELD ENGINEER, ES LAB**

### KEY RESPONSIBILITIES:

- Check Reinforcement Quantity, Placement, Quality, Dia / Size Confirmation
- Check Reinforcement Spacing both side
- Check Clear cover of reinforcement to Concrete
- Check other unethical element like cable, Pipe Etc.
- Examine previous records and evidence to ensure data accuracy
- Quality check completed scanned document
- Supervise and provide guidance to field staff
- Report on results and present findings to clients
- Collaborate with engineers and architects on several projects

## EDUCATION

**DIPLOMA IN CIVIL ENGINEERING, DINAJOUR POLYTECHNIC INSTITUTE**

## SKILLS

- Ferro Scan
- UPV
- Digital land Survey
- Road survey
- Hydro survey
- Layout
- Plan & Sectional survey of Bridge/River
- Drafting

# ISRAK KHAN

eslabbd@gmail.com

## EXPERIENCE

**ABOUT 4 YEARS EXPERIENCE FROM FEBRUARY 2019 TO TILL DATE**  
**FIELD ENGINEER (NDT), ES LAB**

### KEY RESPONSIBILITIES:

- Preparation of report.
- Check Reinforcement Quantity, Placement, Quality, Dia / Size Confirmation
- Check Reinforcement Spacing both side
- Check Clear cover of reinforcement to Concrete
- Check other unethical element like cable, Pipe Etc.
- Examine previous records and evidence to ensure data accuracy
- Quality check completed scanned document
- Supervise and provide guidance to field staff
- Report on results and present findings to clients
- Collaborate with engineers and architects on several projects
- DT & NDT report preparation
- Crack investigation

## EDUCATION

**DIPLOMA IN CIVIL ENGINEERING, GRASSROOTS COLLEGE OF TECHNOLOGY**

## SKILLS

- Ferro Scan
- UPV
- Core Cutting
- Field supervision
- Interpersonal and communication skill
- Organizational skills
- AutoCAD
- Revit Structural
- ETABS
- Tekla
- Lumion
- SketchUp

# RIDOY HOSSIN

eslabbd@gmail.com

## EXPERIENCE

**ABOUT 3 YEARS EXPERIENCE FROM JANUARY 2020 TO TILL DATE**  
**FIELD ENGINEER (NDT), ES LAB**

### KEY RESPONSIBILITIES:

- RCC Structural drawing & detailing
- Steel Structural drawing & detailing
- As Built drawing & detailing
- Construction site visit when needed
- **Retrofitting site visiting when needed**
- Plumbing detail drawing
- Electrical detail drawing
- DT & NDT report preparation
- Crack investigation
- Retrofitting Detail drawings both steel & RCC
- Co-ordinate the drawing section

## EDUCATION

**DIPLOMA IN CIVIL ENGINEERING, GRASSROOTS COLLEGE OF TECHNOLOGY**

## SKILLS

- Interpersonal and communication skill
- Organizational skills
- Ability to delegate
- Confident work ethic
- AutoCAD
- Revit Structural
- ETABS
- Tekla
- Lumion
- SketchUp



# Work Order

# INSTRUMENT OF AGREEMENT

This **Contract** is made **BETWEEN**

**UNOPS**, an organ of the United Nations (hereinafter called the “**Employer**”);

AND

**JV of ES LAB & ARTISTIC CONSULTANT & CONSTRUCTION LTD.**, a proprietorship company incorporated under the laws of Bangladesh and having its registered address at House No: 27 & 29, Road: 13, Nikunja-2, Khilkhet, Dhaka-1229, Bangladesh (hereinafter called the “**Consultant**”).

**WHEREAS** the Employer intends to implement the Project construction of PSA plant building with a generator shed including the construction of automatic oxygen pipe system at 29 locations in Bangladesh and the Services known as Geotechnical Investigation services as defined within this Contract are an integral part of the Project. The Services shall be performed by the Consultant, and the Employer has accepted an offer or proposal by the Consultant for the performance and completion of the Services.

## THE EMPLOYER AND THE CONSULTANT AGREE AS FOLLOWS:

- A.** In the Contract, words and expressions shall have the same meanings as are respectively assigned to them in the General Conditions of the Consultant Services Contract for Works hereinafter referred to.
- B.** The following documents shall be deemed to form and be read and construed as part of the Contract and shall be given the order of precedence as below:
- (i) this Instrument of Agreement;
  - (ii) the Schedule 1 [*Contract Details*];
  - (iii) the Particular Conditions, (if any);
  - (iv) the General Conditions;
  - (v) Schedule 3 [*Requirements of the Employer*]; and
  - (vi) the remaining Schedules.
- C.** In consideration of the payments to be made by the Employer to the Consultant under the Contract, the Consultant hereby covenants with the Employer to perform and complete the Services and remedy any defects therein, in conformity with the provisions of the Contract.
- D.** The Employer hereby agrees to pay the Consultant, in consideration to perform and complete the Services and remedy any defects therein, such amounts as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

This Contract shall come into full force and effect on the date of the latest signature by the Parties (hereinafter called the “**Contract Effective Date**”).

**SIGNED by**

**Name: Sudhir Muralidharan**

**Signature:**

*for and on behalf of the Employer in the presence of*

**Witness:**

**Name: Lahiru Perera**

**Address:** House 14, Road 54/A, Gulshan 2, Dhaka, Bangladesh

**Date:** 04/01/2023

**SIGNED by**

**Name: Kawsar Ahmed**

**Signature:**

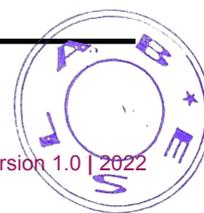
*for and on behalf of the Consultant in the presence of*

**Witness:**

**Name: M.M. Riaz Uddin**

**Address:** 4<sup>th</sup> Floor, House 27& 29, Road 13, Nikunja 02, Khilkhet, Dhaka-1229, Bangladesh

**Date:** 05/01/2023



# SOORTY TEXTILES BD (LTD)

## WORK ORDER

Control No: ERP-004-WO/GD

Date : 02-NOV-22

Page 1 of 1

Work Order No. : 17

UNIT: SBL 51 OU

### Detail of Work to be Outsourced

Job Detail: **WORK ORDER FOR PILE LOAD TEST.**

Coordinating Person's: **Mohamed Milhan Samsudeen**

Designation: **HOD-ENGINEERING**

Contractor Name: **ES LAB**

Expected Start Date	Expected date of completion	Actual date of Completion	Material Provided by
02-NOV-22	01-DEC-22		STBD
Mode of Payment: <b>CHEQUE</b>		TDS: <b>NO</b>	Payment Terms: <b>As Mentioned in Work Order Remarks</b>

#### SERVICE / LABOUR

Description / Task	Quantity	Ex.Rate	Curr	Unit Price	VAT %	ST Amount	Amount
<b>Total Amount</b>							

#### MATERIAL

Item Code	Description	Quantity	Currency	Unit Price	VAT %	VAT	Amount
260-000024	CIVIL WORK	1	BDT			0	
<b>Total Amount</b>							

Estimated Cost of the Job	Material	Labour	Discount	Total
			<b>0</b>	

Remarks:

THE WO DETAILS IS GIVEN BELOW:

1. PILE LOAD TEST & PILE INTEGRITY TEST,(HYDRAULIC JACK & PRESSURE GAUGE CALIBRATION) 1 JOB @ BDT: \_\_\_\_\_ = BDT: \_\_\_\_\_

T&C:

1. THIS VALUE IS EXCLUDING VAT AND TAX.
2. ALL LOAD TEST MATERILAS SUCH AS (I-BEAM,ROCKER BEAM,HYDRAULIC JACK,PRESSURE GAUGE ETC)
3. PAYMENT TERMS: 50% ADVANCE, 40% PAYMENT HAVE TO CLEARED AFTER COMPLETEING THE WORK, 10% HAVE TO CLEARED AFTER PROVIDING THE ANALYSIS REPORT.

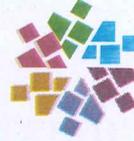
SCM-SAWPON

Prepared by \_\_\_\_\_

39

Coordinating Person

Approved by \_\_\_\_\_



**Masco**  
Properties Limited  
*Colony of life*

May18, 2023  
Ref: WO/CKL/knitting- 01/2023  
**Mr. Engr. Kawsar Ahmed**  
Technical Head  
ES Lab  
Flat- 4A, House - 27 &29(4A)  
Road – 13, Nikunja-02  
Dhaka-1229

**Sub: Work Order for Static Pile Load Test- 220 tons**

Dear Mr. Kawsar,  
With reference to your quotation dated May 10, 2023 and our subsequent discussions, we are hereby placing to your firm Work Order for **Static pile Load Test at CKL Knitting Unit Office Building** at Baganbari, sathash, Tongi, Gazipur, as per follows terms & condition

Sl. No.	Scope of works	Unit	Qty	Tested load	Rate	Total Amount
01.	Carry out the pile static load test, loading, unloading, riding and reporting as per ASTM D 1143-07, BNBC-2020 and Indian standard					
a.	Mobilization, De-mobilization, loading, unloading and reporting works for static load test, target load test -220 tons	Ton				
b.	Hydraulic jack, Pressure Gauge & Dial Gauge Calibration from BUET	Pack	1	1		

Total=

**In word: Taka**

**Payment Mode:**

1. After mobilization the pile load test steel frame and necessary equipment's 50%
2. After completed the load test method and de-mobilized the all materials 30%
3. Provide all the test documents and 3 (three) copies test report book submission 20%

**Terms and conditions**

1. All load test materials such as I-beam rocker beam, hydraulic jack, pressure gage etc supplied by ES- Lab
2. Safety first procedure should be maintain by the contractor ES-Lab, use PPE
3. Only sand to be supplied by CKL knitting unit
4. Time schedule 21/5/23 to 6/6/23
5. If have calibrated hydraulic jack, pressure gauge & dial gauge from BUET and sealed then total pile load test package will be , payment to be done as per payment mode

Thanks & Regards

Roman Ahamed  
Chief Operating Officer

Date : 10-05-2023

Ref: Pacific Recycled Fiber Ltd. /10<sup>th</sup> April 2023/(W/O. No.- 35 & CS. No.- 29)

Engr. Kawsar Ahmed

ES Lab

Flat- 4A, House- 27,29, Road-13, Nikunja-02, Dhaka-1229

Mobile No: 01687-009919, 01760-522977. Email: eslabbd@gmail.com

Subject: Work order for Subsoil investigation work.

Dear Md. Kawsar Ahmed

In pursuant of your given offer regarding mentioned subject we are pleased to offer you **Work order for Subsoil investigation work** at Pacific Recycled Fiber Ltd. South Salimpur, Chittagong- provided by the following terms and conditions.

Works specification & rate:

SL No	DESCRIPTION OF WORK	Unit	Job Quantity	UNIT PRICE (TK)	TOTAL (TK)
1	Soil Test: Mobilization & demobilization, manual boring, 30 Meter depth- 11 nos & rotary machine boring, 60 Meter depth .3 nos with submission of Lab report.	Job	1		
In word:			Total Amount		

Terms& condition:

1. All equipment, machineries & tools deployed by the contractor will be considered as only for work purpose and without written authorization of company authority any mobilization of these equipment & machineries are prohibited.
2. Safety material/ Personal Protection Equipment will be supplied by contractor for his employees and workers during the time of project work. Safety at the site during construction work must be ensured by the contractor. Any accident happen due to noncompliance in safety and personal protection issue makes contractor responsible for compensation. The contractor shall bear all the cost for the accident and any delay in the work due to accident contractor will be liable for compensation.
3. All kind of Machineries & tool supply by vendor. Company will provide water & electricity facility.
4. The works shall not be treated as complete until the concerned engineers of **Pacific Recycled Fiber Ltd.** certify that work has been practically completed.
5. Soil test report must be submit with the final bill.
6. The authority reserves all rights to cancel the work order if contractor fails to achieve the expected progress or makes delay in work progress or failed to mobilize the required skilled manpower or If the instruction given by the authority are found to be violated or for any unsocial activities.
7. For any kind of additional works, Company will be paid according to the market price.
8. No intermediate enhancement in rates will be allowed till the completion of the project.
9. Contractor will submit their bill as per actual site measurement and concern Project Engineer will verify & certify the bill accordingly.
10. Materials must be handling and carrying by contractor.
11. Work completion time: As per site requirement.

*Kawsar*  
11.05  
2023  
**Md. Mokbul Hossain**  
Deputy Manager  
Supply Chain & Co-ordinator.  
NHT HOLDING LTD

Registered Address: 27/29 Mirza Lane, Patherghata, Kotwali, Chattogram-4000.

Corporate Office Address: 7<sup>th</sup> Floor, NHT Fashions Ltd., Plot # 20-22, Sector # 5, Export Processing Zone, Chattogram, Bangladesh.

Telephone # 880-9678741006, 88-031-741338, Fax # 88-031-741339, 740153. E-mail: info@pacificjeans.com Web : www.pacificjeans.com

**Payment Schedule:**

1. Advance payment 30% of the total work order value it will adjust from final bill.
2. Final payment 70% will be paid after completed the full job and Soil test report must be submitting with the final bill.
3. Payment to made after 25days after submission of running bill.
4. This price is including VAT & AIT.

**Penalty:**

1. Penalty must be claimed by **Pacific Recycled Fiber Ltd.** concern person to the contractor for any damage of existing structure or company's property

Sincerely yours  
For: Pacific Recycled Fiber Ltd.

*Md. Mokbul Hossain*  
11.05.2023  
Md. Mokbul Hossain  
Deputy Manager  
Supply Chain & Co-ordinator.  
NHT HOLDING LTD

**Registered Address:** 27/28, Mirenda Lane, Patherghata, Kotwali, Chattogram-4000.

**PACIFIC RECYCLED FIBER LTD.** **Corporate Office Address:** 7<sup>th</sup> Floor, NHT Fashions Ltd., Plot # 20-22, Sector # 5, Export Processing Zone, Chattogram, Bangladesh.

Telephone # 880-9678741006, 88-031-741338. Fax # 88-031-741339, 740153. E-mail: [info@pacificjeans.com](mailto:info@pacificjeans.com) Web : [www.pacificjeans.com](http://www.pacificjeans.com)

**Memo No.: P-119/DPHE/Jan/2023/01/023**

**Date: 10-01-2023**

To

Faysal Anwar  
Managing Partner  
ONE STOP Design Solution  
Mohakhali DOHS, Dhaka.

**Subject:** Work Order for **Soil Tests** for the Project named, "Consultants for Design and Supervision Consultant Under Extension and development of Water Supply System in Tangail Pourashava, DPHE."

Dear Sir,

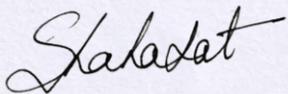
With reference to ToR regarding the **Soil Tests**, we are pleased to award you the work at a Lump-Sump cost of Tk. [REDACTED] ) as per your proposal conditions and specifications:

**Unit Rate of Work:**

Depth of Boring (ft)	Quantity (Nos)	Unit Rate (BDT)	Total (BDT)
100	[REDACTED]	[REDACTED]	[REDACTED]
		Mobilization Bill=	[REDACTED]
		Total Amount=	[REDACTED]
		Discount=	[REDACTED]
		Grand Total=	[REDACTED]

Amount in words: BDT [REDACTED] Taka only.

Thanking you and assuring our best services.



**Engr. MD. SHAHADAT HOSSAIN**  
Managing Director & CEO  
Onushandhani Creeds Limited



প্রকল্প পরিচালকের দপ্তর  
 ১০০ ফুট চওড়া খাল খনন ও উন্নয়ন শীর্ষক প্রকল্প  
 পূর্বাচল আর্মি ক্যাম্প, নারায়ণগঞ্জ  
 প্রযুক্তি, ২৪ ইঞ্জিনিয়ার কনস্ট্রাকশন ব্রিগেড  
 মোবাইল-০১৭৬৯০১৭৫৭২  
 ই-মেইলঃ 100feetkhal@gmail.com

৩ জ্যেষ্ঠ ১৪২৯

৬০৯/প্রজেক্ট/১০০ ফুট চওড়া খাল/কার্যাদেশ

০৭ মে ২০২২

কার্যাদেশ প্রদান -কুড়িল-পূর্বাচল লিংক রোডের উভয় পার্শ্বে (কুড়িল হতে কাঞ্চন চৌরাস্তা পর্যন্ত) ১০০ ফুট চওড়া খাল খনন ও উন্নয়ন শীর্ষক প্রকল্পের আওতায় বিভিন্ন স্থানে ৭x৩ ব্রীজ ওভার ক্যানেল নির্মাণের জন্য নির্ধারিত স্থানের মৃত্তিকা পরীক্ষা করণ প্রসংগে

বরাতঃ

ক। কুড়িল পূর্বাচল লিংক রোডের উভয় পার্শ্বে (কুড়িল হতে বালু নদী পর্যন্ত) ১০০ ফুট খাল খনন ও উন্নয়ন শীর্ষক প্রকল্প পত্র নং ৬০৯/প্রজেক্ট/ ১০০ ফুট চওড়া খাল তারিখ ১২ মে ২০২২।

খ। ইএসএলএবি, ফ্লাট-৪এ, হাউজ-২৭,২৯, রোড-১৩, নিকুঞ্জ-০২, ঢাকা-১২২৯ তারিখ কর্তৃক প্রদত্ত দরপত্র তারিখ ১৬ মে ২০২২।

১। কুড়িল-পূর্বাচল লিংক রোডের উভয় পার্শ্বে (কুড়িল হতে কাঞ্চন চৌরাস্তা পর্যন্ত) ১০০ ফুট চওড়া খাল খনন ও উন্নয়ন শীর্ষক প্রকল্পের আওতায় বিভিন্ন স্থানে ৭x৩ ব্রীজ ওভার ক্যানেল নির্মাণের জন্য নির্ধারিত স্থানের মৃত্তিকা পরীক্ষার নিমিত্তে বরাত খ এর মাধ্যমে প্রাপ্ত দরপত্রে উল্লেখিত আপনার ঠিকাদারী প্রতিষ্ঠান কর্তৃক উপস্থাপনকৃত দরপত্র সর্বনিম্ন দরদাতা হিসেবে বিবেচিত হওয়ায় নিম্নেবর্ণিত শর্তাবলী সাপেক্ষে গৃহীত হলোঃ

ক। কার্যাদেশ প্রাপ্তির ০২ (দুই) দিনের মধ্যে দরপত্রে উল্লেখিত নির্মাণ কাজ আরম্ভ করতে হবে।

খ। নির্মাণ কাজ আরম্ভের দিন হতে সম্পূর্ণ কাজটি সম্পন্ন করতে মোট ২১(একুশ) দিন সময় প্রদান করা হবে এবং মানুষের নিয়ন্ত্রণ বহির্ভূত কোন উপযুক্ত ক্ষেত্র ছাড়া এ সময় বর্ধন করা হবে না।

গ। বিওকিউ এর দর অনুযায়ী ৭x৩ ব্রীজ ওভার ক্যানেলের মৃত্তিকা পরীক্ষা করণের জন্য মোট টাকার পরিমাণ [redacted] টাকা। উল্লেখিত টাকা সাব-ঠিকাদারী প্রতিষ্ঠান কর্তৃক সম্পাদিত কাজের ভিত্তিতে বিল পরিশোধ করা হবে।

ঘ। নির্মাণ কাজ চলাকালীন সময়ে আপনাদের নিয়োজিত লোকবল ও যন্ত্রপাতির নিরাপত্তা বিধান নিশ্চিত করার দায়িত্ব সাব-ঠিকাদারী প্রতিষ্ঠানের। নির্মাণকালীন সময়ে কোন দুর্ঘটনা ঘটলে অত্র দপ্তর দায়ী থাকবে না।

ঙ। প্রাকৃতিক দুর্যোগ কিংবা অন্য যে কোন দুর্যোগের কারণে আর্থিক ক্ষতিগ্রস্তের দায়ভার অত্র দপ্তর বহন করবে না।

চ। প্রদত্ত সময়ের মধ্যে নির্মাণ কাজ সমাপ্ত করতে ব্যর্থ হলে প্রতি সপ্তাহ বিলম্বের জন্য ঠিকাদারী মোট সম্ভাব্য ব্যয়ের ১% হারে জরিমানা কর্তন করা হবে এবং ০৭ (সাত) দিন অতিরিক্তের পর বিনা নোটিশে আপনার ঠিকাদারী বাজেয়াপ্ত ঘোষিত হবে।

## ২। কার্যাদেশ সংক্রান্ত নির্দেশাবলী

ক। কুড়িল-পূর্বাচল লিংক রোডের উভয় পার্শ্বে (কুড়িল হতে কাঞ্চন চৌরাস্তা পর্যন্ত) ১০০ ফুট চওড়া খাল খনন ও উন্নয়ন শীর্ষক প্রকল্পের আওতায় বিভিন্ন স্থানে ৭x৩ ব্রীজ ওভার ক্যানেল নির্মাণের জন্য নির্ধারিত স্থানের মৃত্তিকা পরীক্ষার সম্পাদন করণ।

খ। কাজ আরম্ভের তারিখ : ১৮ মে ২০২২।

গ। কাজ সমাপ্তির তারিখ : ০৮ জুন ২০২২।

ঘ। মোট প্রদত্ত সময় : ২১ (একুশ) দিন।

৩। ৭x৩ ব্রীজ ওভার ক্যানেলের মৃত্তিকা পরীক্ষার গুণগতমান বজায় রাখতে ব্যর্থ হলে অথবা সময়ানুযায়ী মৃত্তিকা পরীক্ষা কাজের অগ্রগতি সাধিত না হলে ০১ (এক) সপ্তাহের নোটিশে প্রকল্প পরিচালক যে কোন সময় কার্যাদেশ বাতিল করার ক্ষমতা রাখেন।



মোস্তফা শাহরিয়ার শামীম  
 লেঃ কর্নেল  
 প্রকল্প পরিচালক

বিতরণঃ

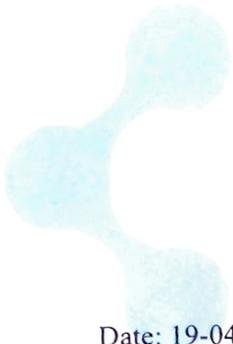
বর্হিগমনঃ

কার্যক্রমঃ

ইএসএলএবি

ফ্লাট-৪এ হাউজ-২৭,২৯, রোড-১৩, নিকুঞ্জ-০২

ঢাকা-১২২৯



**AVANT**  
**FINE CHEMICALS LTD.**

Date: 19-04-2022

Engr. Kawsar Ahmed  
Team Leader (Design)  
ES Lab  
Flat-4A, House-27&29(4A), Road-13,  
Nikunja-02, Dhaka 1229.

**Subject: Work Order for Geotechnical Investigation of Avant Fine Chemicals Ltd.**

Dear Mr. Kawsar Ahmed,

With reference to your quotation Dated: 10/04/2022 and our subsequent discussions, we are hereby placing Work Order for Geotechnical Investigation of Avant Fine Chemicals Ltd. located at Mouza-38, Village-Gararon, Union-Bhormi, Thana-Sreepur, Dist.-Gazipur on following Terms & Conditions:

1. **Terms and conditions will remain the same as in your offer**
2. **We reserve the right to cancel the WO if goods delivered are not up to standard Quality.**

Thanks, and regards,



19-04-2022

Md. Sami Akhtar  
CEO  
Avant Fine Chemicals Ltd.

Ref. W/O : WO2201005876

Date : 02-JAN-22

To

**ES Lab**

Flat: 4A, House: 27,29, Road: 13, Nikunja -02, Dhaka

Contact Person :

**Subject :** Rate confirmation for subsoil investigation work at Lantabur Apparels Ltd.

Dear Sir,

Assalamu Alaikum.

Refer to your quotation dated: 02.01.2022& as per negotiation please find the rate confirmation with the terms & conditions.

Item Name	Description	Unit	Req Qty	Unit Price	Total price	Remarks
Boring	Depth 60 feet	Nos				
Boaring	Depth 80 feet	Nos				
Boaring	Depth 100 feet	Nos				
<b>Total (BDT)</b>						

IN WORD:

**Terms & Conditions :**

- 1 Place of Delivery At the factory site Kewa, Boherarchala, Gilaberaeed, Sreepur, Gazipur-1740, Bangladesh.
- 2 Deadline of Supply / Completion of Work Work completed.
- 3 Mode of Payment Payment will made by Cash /Chq.
- 4 Tax and VAT Tax & Vat will be deducted as per Govt. rules.
- 5 Other Terms and Conditions
  - a) In case of any failure to complete this work properly,company has reserve the right to compensation.
  - b) This rate will continue for the next work orders.

Checked By

  
104/01/2022  
Mohammad Arif ur Rahaman

Deputy General Manager, Operation

Lantabur Apparels Ltd.

Approved By

  
S.M. Sakhawat Hossain

Asst. General Manager, Supply chain & Procurement

Lantabur Apparels Ltd.

Copy to :

1. Accounts Department

**WORK ORDER**

PO no : BG/HO/Pro./PO/2239/22/104  
Date : 17 February 2022

Indent # 258, Book # 06

Project: Land Development at BEZ

To  
**ES LAB**  
Flat#4A,House#27,28,Road#13,  
Nikunja#02,Dhaka-1229.  
Contract Person : Engr.kawsar Ahmed,Team leader(Design),Cell-01687009919.

**Subject: Work Order for soil test at land development(Plot#18&19),BEZ.**

Dear Sir,

We are pleased to confirm the Work order in favor of your organization as per following description and terms & conditions:

Sl.	Description	Unit	Qty.	Unit Price	Total Price
1	Bore hole up to 100-00 Feet depth from the existing ground level. ( In dry Area )	Nos			
2	Bore hole up to 60-00 Feet depth from the existing ground level. ( In dry Area )	Nos			
				<b>Grand Total=</b>	

In Words:

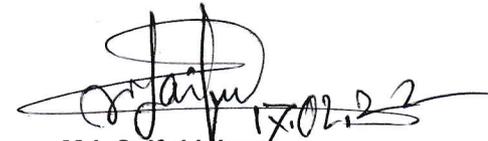
**Working place : Bay Economic Zone Ltd. Konabari, Gazipur**  
**Contact Person : Md Tanvir Rahman (Project Engineer) Cell: 01709-995794, 01686-595258**

**Terms and conditions:**

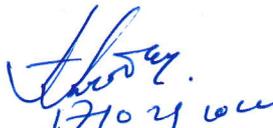
1. Works should be completed within 05 days of receiving the work order.
2. After completion the work vendor will submit at least three copies of original report.
3. Bill will be made as per actual measurement
4. Payment will be made through account payee cheque in favor of your organization will be paid after getting the report.
5. **Bay Economic Zone Ltd.** authority reserves the right to cancel the work order partially/ fully without showing any reason.

  
**Md Mostafizur Rahman**  
Executive, Procurement

  
**Md Atikur Rahman**  
Manager, Procurement

  
**Md. Saiful Islam**  
Project Head

  
**Engr. Motaher Hossain**  
Technical Advisor

  
**Dr. Aparup Chowdhury**  
Executive Director

Accepted by the supplier

**WORK ORDER**

PO no : BG/HO/Pro./PO/2244/22/103  
Date : 17 February 2022

Indent # 30, Book # 01

Project: Captive Zone at BEZ

To

**ES LAB**

Flat#4A,House#27,28,Road#13,  
Nikunja#02,Dhaka-1229.

Contract Person : Engr.kawsar Ahmed,Team leader(Design),Cell-01687009919.

**Subject: Work Order for soil test at Captive Zone(DRS Room), BEZ.**

Dear Sir,

We are pleased to confirm the Work order in favor of your organization as per following description and terms & conditions:

Sl.	Description	Unit	Qty.	Unit Price	Total Price
1	Bore hole up to 100-00 Feet depth from the existing ground level. ( In dry Area )	Nos			
2	Bore hole up to 60-00 Feet depth from the existing ground level. ( In dry Area )	Nos			
				<b>Grand Total=</b>	

In Words:

**Working place : Bay Economic Zone Ltd. Konabari, Gazipur**

**Contact Person : Md Tanvir Rahman (Project Engineer) Cell: 01709-995794, 01686-595258**

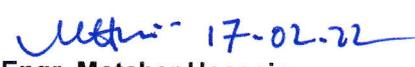
**Terms and conditions:**

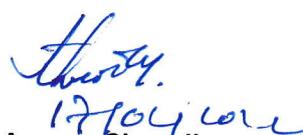
1. Works should be completed within 05 days of receiving the work order.
2. After completion the work vendor will submit at least three copies of original report.
3. Bill will be made as per actual measurement
4. Payment will be made through account payee cheque in favor of your organization will be paid after getting the report.
5. **Bay Economic Zone Ltd.** authority reserves the right to cancel the work order partially/ fully without showing any reason.

  
**Md Mostafizur Rahman**  
Executive, Procurement

  
**Md Atikur Rahman**  
Manager, Procurement

  
**Md. Saiful Islam**  
Project Head

  
**Engr. Motaher Hossain**  
Technical Advisor

  
**Dr. Aparup Chowdhury**  
Executive Director

Accepted by the supplier

27 January, 2022

Our ref: GFL/27/22

To  
Team Leader (Design),  
ES LAB,  
Flat-4A, House-27,29, Rod-13, nikunja-02, Dhaka-1229.  
Dhaka City, Bangladesh.

Subject: Work order for Geotechnical Sub-Soil Investigation.

Dear Mr. Kawsar Ahmed,

In response to your offer dated 17 January, 2022 and our subsequent discussion, we are pleased to issue this work order for Geotechnical Sub-Soil Investigation at Genesis Fashions Ltd. With following specifications and conditions.

**Laboratory Tests & Specification:**

Test Name	Specification
Water Content Test (Moisture Content)	ASTM D2216
Specific Gravity Test	ASTM D854
Sieve Analysis	ASTM D422
Hydrometer Test	ASTM D422
Atterberg Limits Test	ASTM D4318
Soil Classification (USCS)	ASTM D2487
Direct Shear Test	ASTM D3080
Unconfined Compressive Strength Test	ASTM D2166
Consolidation Test	ASTM D2435
Any other test required by Site Engineer/ ES Lab	

**Rate of Work:**

Depth of Boring (ft)	Per Boring Offered Rate	Per Boring Negotiated Rate
60		
80		
100		
120		

**Terms & Conditions:**

1. Investigation Report should be submitted within 21 days from the first day of starting the field work.
2. Payment Terms
  - a. 50% advance should be paid within 15 days of issuing the Work order
  - b. Balance within 15 working days from the handover of the Investigation report.
3. VAT & AIT: Excluding.
4. Bill to be submitted to Group Procurement department with supporting papers.
5. Personal safety equipment must be arranged by ES Lab to ensure proper hygiene (specially against COVID 19) & safety in the working zone for everyone.
6. ES Lab have to maintain rules & regulation of GFL during their stay at project site.
7. Meals & Accommodation will not be in GFL's scope.

If you find this work order with above terms and conditions acceptable, then please return us the 2<sup>nd</sup> copy with your stamp and signature.

Thanks & Regards,

  
M. Ezazul Haque  
Head of Procurement

# SKC Saiham Knit Composite Ltd.

House# 34, Road# 136, Gulshan, Dhaka- 1212.

## Work Order (Maintenance)

<b>From: Purchase Department</b>  <b>Saiham Knit Composite Ltd.</b> House # 34, Road # 134, Gulshan, Dhaka # 1212, Bangladesh	<b>To: ES LAB</b> Flat-4A, House - 27,29, Road - 13, Nikunjam - 02, Dhaka - 1229	<b>Order Date:</b> 20/06/2022 <b>WO Ref. No.:</b> SWO002184 <b>User Order No.:</b> SKC-MNT-2022-06.21 <b>Currency.:</b> BDT <b>Ex. Rate.:</b> 1.00
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Dear Sir,  
 Please service the following items by 21/06/2022. Your kind action in this regard will be highly appreciated.

**Req. No.:** SKC-MNT-2022-06.21

SI No	Item Code	Item Name	Cost Center	Description	Qty.	Total
1	06.004643	Soil Test	Civil and Infrastructure	Work Type Depth of Boring(ft) Quantity (Nos) Unit Rate Total Rate Soil Test topographic Survey	1.00	108100.00
				Total Amount		
				(+) VAT		
				Grand Total		

**Grand Total:**

Notes: Need to Adjust BD from Collect Receivable before Payment.

**Terms & Conditions:**

- All goods should be delivered as per quality standard agreed with SKCL. Vendor will reimburse for services/goods missing deadlines or below agreed quality.
- SKCL has right to cancel work order anytime provided they are not satisfied with service/quality of goods or goods/service not delivered on time.

*S.P. Achin*

Procurement

*[Signature]*  
HOD

*[Signature]*

Finance & Controlling

MD/ Director





**Simco Spinning & Textiles Ltd**  
Head Office: House: #2/B, (2<sup>nd</sup> Floor)  
Road: 04, Block: B, Banani,  
Dhaka-1213, Bangladesh.

T: +88 02 55033401, + 88 02 55033402  
E: info@simcobangladesh.com

Date: 23/05/2022

To,  
Engr. Kawsar Ahmed  
Cell NO.: 01687 009 919  
ES Lab  
Flat # 4A, House # 27, Road # 13  
Nikunja-2, Dhaka-1229  
E-mail: eslabbd@gmail.com

**Sub: Work Order.**

Dear Sir,

We are pleased to issue the work order against your offer on 21<sup>st</sup> May 2022 for “**On floor Sub-Soil Investigation work**” in “Simco Spinning & Textiles Ltd”. Mouza: Dhamshur, Union.: Mollikbari, PO.: Hajir Bazar, P.s: Bhaluka, Dist.: Mymensingh. Please see the below rate and Payment terms:

S/L	Description	Number of Borehole	Unit Rate/ Bore hole	Amount
1.	Drilling on land up to 30m (100'-0") depth including collection of disturbed & undisturbed soil sample is situ testing of SPT at 1.5m (5'-0") intervals, stratification and laboratory testing for. Moisture Content (ASTM-D566) 1. Unconfined compression test (If possible ) ASTM-D2166M-13 (100' depth)			
			Grand Total	

**Tk. One Lac thirty two thousand only.**

**Terms & Condition:**

**Payment Terms:** 50% will be paid along with work order and rest 50% will be paid after getting the final report from factory.

Working time: Work will be start within 2days after receive the work order.

If boring depth increases up to 120 feet then price will be tk per hole.

Thanking You,

Yours Faithfully

  
Md. Mamunur Rashid  
Manager Procurement

Received the work order  
Engr. Kawsar Ahmed  
ES LAB



# WORK ORDER

Corporate office: House No.95 Road No 13, Sector -10, Ranavola Avenue, Uttara, Dhaka, Bangladesh.

Particulars of the Purchaser and Supplier	
<b>Order Placed By:</b>	<b>Order Placed To:</b>
<b>Windy Group (Bhaluka Project)</b>	<b>ES LAB</b>
Address: Village - Gauyariya, Mouja - Goair, PS-Bhaluka, Mymensingh.	ADDRESS: Flat # A4, House # 27&29 (A4), Road # 13, Nikunja-02, Dhaka-1229.
Order Ref: Soiltest/2022/102	Quotation Ref:
Order Date: 23 December, 2022	Quotation Date: 14 December, 2022
Attention: Engr. Sushanta Guha (Shaon), DGM-Civil Engineer	Attention: Engr. Kawsar Ahmed (Team Leader, Design)
Contact No: 01912-724689	Contact No: 01687009919, 01760-522977

Please confirm our order with below information and sign back the WO to us as agreement :

Sl. No	Particular	Unit	Quantity	Unit Price	Total	Remarks
1	Bore hole up to 60 Feet depth from the existing ground level.	Nos				
2	Bore hole up to 100 Feet depth from the existing ground level.	Nos				
<b>Total Amount in BDT</b>						

In Words: BDT

### Terms & Conditions:

- 1) Works should be completed within 15 days of receiving the work order.
- 2) All type of boring equipment will proved by the ES Lab.
- 3) After completion the work vendor will submit at least three copies of original report.
- 4) **Mode of Payment:**
  - » 50% of total contract value will be paid as advance through A/C pay cheque in favor of ES LAB or Cash.
  - » Rest amount will be paid after submission the soil test report.
- 5) Contractor should mention our work order no:WWDP-2210/Soil Tels/2022/101 on your bill
- 6) This price is Excluding All VAT, TAX & AIT.

**Signature of the Orderer:**

**Signature of the Supplier:**

  
**A N M Bazlur Rashid Sohag**  
 Deputy General Manager – S. P.& S  
 Windy Group

**Engr. Kawsar Ahmed**  
 Team Leader (Design)  
 ES LAB

## Vendor Details

Vendor Account: 10045661

ES LAB

27-29 ROAD#13, NIKUNJA#2

DHAKA 1229

BANGLADESH

Tel No. +8801687009919

Fax No:

Vendor's Ref:

Vendor's Ref Date:

Page: 1 of 2

PO Number: 819922

Date: 26.09.2022

## Ship-to / Invoice-to Address

Payment Method: Cheque Cash COD L/C

Currency: BDT

Incoterms:

Terms of Payment: Net 60 days

CBL-Gazipur Factory - Gazipur Factory

RS-760,761 Bangla Bazar, Rajen

GAZIPUR - 1700

BANGLADESH

Item	Item Code/ Description	Delivery Date	Quantity	Unit	Net Price	Per	Amount	
10	INVM-OTHER Soil Test	31.10.2022						
<b>Total Amount</b>						<b>BDT</b>		
(								

**N.B.** This is a computer generated purchase order, no signature is required.

## Terms and Conditions

1. Vendor/contractor shall acknowledge this order promptly and such acknowledgement shall be deemed as an acceptance to the terms and conditions thereof.
2. No substitution, alteration, change in price, quantity or variation in quantity & quality of any items called for, can be made by vendor/contractor in this order unless agreed mutually in writing.
3. Vendor cannot copy, use or hand over the company's Logo to any other persons/firms unless agreed mutually in writing.
4. Vendor/contractor guarantees that at the time of delivery thereof the articles covered by this order will be free from any defects in materials, workmanship & conform to their requirements of this order.
5. Supply of any required items including mobilization of man & machinery should be arranged by vendor/contractor at their own cost strictly in accordance with Coats specification. They should also comply with instruction of competent authority of Coats Bangladesh Ltd (#The Company#).
6. Supply of any required items or commencement of works should be made on receipt of firm order and be completed within the stipulated time from the date of commencement of work without any delay.
7. Work of any nature should be carried out without damaging any existing structure/fittings. Any such damages or disconnection should be set right by the vendor/contractor concerned at their own cost.
8. If the contractor fails to rectify the defects/damages and to complete the job within stipulated time without any valid reason which has been agreed with the Company, then the Company shall reserve the right to deduct the same from the retained security money/payment invoices.
9. The contractor shall abide by all the laws of the Country, Coats policies, Coats Supplier Code. No child labor under the age of 18 (eighteen) years is allowed to be engaged by the contractor directly or indirectly for any our works & services. In relation to child labour age, the purchase order terms take priority over the Coats Supplier Code. If either party breaches the anti-corruption and HR clauses in the Coats Supplier Code, or otherwise acts in contravention of anti-corruption legislation or human rights law, then the other party shall have the right to terminate this purchase order without notice and with immediate effect.
10. In case of supply of goods, the vendor/contractor shall provide quality certificate/safety where applicable.
11. Any required work is to be carried out without hampering the normal production or operation of Company. In the case prior permission for working on holidays may be obtained from the concerned authority.
12. Advance or Progress payment is not allowed but this may be considered in some emergency or unavoidable cases subject to approval of competent authority as agreed between the Parties in writing.
13. Payment on approved bill or invoice will be made through A/C Payee Cheque/Bank Transfer after agreed payment terms from the date of receipt of correct bill/invoice by our Chittagong/Dhaka Finance Department. In the case of Engineering job, a #Job Completion Certificate# obtaining from the Engineering Incharge/consultant (as applicable) should be submitted along with the bill/invoice.
14. Payment against Letter of Credit will be made on agreed Payment Terms in negotiated currency convertibility at the prevailing rate (in the case of foreign currency) for supply as per L/C terms and conditions.
15. VAT, Levi & Income Tax as applicable from time to time, will be deducted from the Contractor's bill as per relevant laws of the country.
16. The management of the Company reserves the right to cancel the purchase order and to alter, change or amend, reject any of the conditions thereof partially or wholly at any stage without assigning any reasons whatsoever.
17. In case of any dispute, confusion or ambiguity in any issue or terms & conditions related to the work, service, supply agreement and purchase order, the decision of the management of Coats Bangladesh Ltd. is final without any prejudice.
18. Force Majeure Event" : A # Force Majeure Event" means an event the occurrence of which is beyond the reasonable control of either party, including an Act of God, national viruses, epidemics and pandemics (both as defined by the World Health Organisation), government intervention, war, explosions, fires, floods, tempests, earthquake, insurrection, acts of terrorism, riot, civil disturbance, rebellion, strike, lock-out or labour dispute but not a strike, lock-out or labour dispute involving the Customer. If either party is affected by # Force Majeure Event it shall as soon as reasonably practicable and without undue delay notify the other party of the nature and extent of the event. If a # Force Majeure Event prevents a party (the "Affected Party") from performing any of its obligations to the other (the "Other Party") the Affected Party shall not be liable to the Other Party and shall be released from its obligations to the extent that its ability to perform such obligations has been affected by the # Force Majeure Event. If the impact of the # Force Majeure Event upon the Affected Party prevents it from performing a substantial part of its obligations under this Agreement for a period of 60 consecutive days, the Other Party may, by giving no less than 30 days# written notice, terminate this Agreement either in whole or in part, without liability to the Affected Party.
19. Subject to the terms hereof, vendor and all its employees will maintain as confidential all information provided to it by the Company and will use such information only for the purposes set out in this purchase order and for no other purposes whatsoever.
20. The relevant tender notice, subsequent addendums, amendments/corrigendum (if any) will be the part of this terms & conditions.

Date: 13 February 2023

## Work Order

Ref: SCM/PDDL/WO-53/FEB2023

To

ES LAB

Flat-4A, House-27&29(4A), Road-13,

Nikunja-02, Dhaka-1229

Cell: 01703-543179

Email: [eslabbd@gmail.com](mailto:eslabbd@gmail.com)

**Subject:** Work Order for Soil Test work & Report Submission at **Fatullah Apparel, Narayanganj.**

Dear Sir,

With reference to your price offers our management of Pioneer **Design & Development Ltd.** has agreed to give you .The Work order for this project works mentioned in the subject line. Conditions are mentioned in this letter below.

SL	Scope of Works	Depth of Boring	Quantity (Nos)	Unit Rate (BDT)	Total Amount (BDT)
01	Exploration for soil sample and SPT data collection, 30m depth @ 1.5m interval with Basic Physical Index Test	30 m			
02	Consolidated Drained Test in Direct Shear Method for Sand				
03	Consolidation Test				
<b>Total Amount =</b>					
<b>In Word:</b>			<b>Only.</b>		

### Payment Terms & Condition:

1. All rates are excluding VAT & TAX.
2. **50%** Advance payment with work Order.
3. Rest of the payment will be paid after receiving the report Softcopy & Two Hard Copy received.

Thanks & Regards

  
Forhad Ahmmad Bappy  
Manager  
Supply Chain Management  
Pioneer Design and Development Limited

**Forhad Ahmmad Bappy**

Manager (SCM Dept.)

Pioneer Design & Development Ltd.

Email: [pioneer.p2d@gmail.com](mailto:pioneer.p2d@gmail.com)

[scm.pddl.matrix@gmail.com](mailto:scm.pddl.matrix@gmail.com)

Cell: 01745-426412



#### Corporate Office:

House # 8 (4th Floor), Main Road, Mohammadi Housing Limited  
(Opposite of Mohammadi Housing Society Gate # 3)  
Mohammadpur, Dhaka.

Website: [www.pddlmatrix.com](http://www.pddlmatrix.com)  
E-mail : [pioneer.p2d@gmail.com](mailto:pioneer.p2d@gmail.com)  
[matrix.p2d@gmail.com](mailto:matrix.p2d@gmail.com)  
Cell : +88 01711065614

January 10, 2023

Ref: FTML/KEWA/WO/2023-17

Engr. Kawsar Ahmed  
Team Leader (Design)

**ES LAB**

Flat-4A, House-27,29, Road-13, Nikunja-02, Dhaka-1229

Cell: 01687009919, 01760522977

Email: eslabbd@gmail.com

**Subject: Work Order for Sub-Soil Investigation and report preparation & Submission of Fire Reservoir & Pump Room at Kewa project, Kewa, Sreepur, Gazipur.**

**Dear Mr. Kawsar Ahmed,**

The Management of **URMI Group** is pleased to inform you that against your offer dated on 09-01-2023, you have been awarded "Work Order" for the captioned works under the following terms & conditions and rates etc.

**1. Scope of Work:** The Subsoil investigation report would comply all the requirements of BNBC 2020. The main scope of this investigation work is:

- a. Execution of exploratory borings, recording of sub-soil stratification and position of ground water table.
- b. Execution of Standard Penetration Test (SPT) as per ASTM D 1586 and ASTM D 1587 at an interval of 1.5m depth with collection of disturbed soil samples up to the desire depth exploration of each boring (Wash boring method with manual hammer).
- c. Undisturbed soil samples by thin-walled Shelby tubes will be collected depending on soil strata.
- d. Preparation of final reports with all works including detailed description of soil stratification sub-soil.
- e. From the field tests and Laboratory tests, scope of calculation for bearing capacity values for design shallow foundation according to Meyerhof, Hansen & Vesic formula.
- f. For loose and soft strata, from the field tests and laboratory tests, scope calculation for skin friction and bearing values for design Pre-cast & Cast in situ pile foundation according to BNBC 2020 & AASHTO LRFD 2010.
- g. All relevant Laboratory tests as per ASTM standards.
- h. Determination of bearing capacity of soil, Recommendation for type of foundation and the chart showing the end bearing and skin friction in case of deep foundations.
- i. **Submission of three sets of complete Test Report in a presentable manner.**



Reg. Office:  
235/B, Bir Uttam Mir Shawkat Sarok.  
Tejgaon Industrial Area,  
Dhaka-1208, Bangladesh.  
Tel: +8802-8878583, 8878585  
Web: www.urmigroup.net

Corporate Office:  
SAM Tower, House-4, Road-22,  
Level: 3<sup>rd</sup> to 5<sup>th</sup>, Gulshan-1, Dhaka-1212.  
Tel: +880 2-8837616, 096 12 45 11 88  
Fax: +880 2-9856608  
Web: www.urmigroup.net

Factory:  
Ghargaria Master Bari  
Kewa, Sreepur, Gazipur.

## 2. Laboratory Tests & Specification:

SL	Test Name	Specification	SL	Test Name	Specification
1	Water Content Test (Moisture Content)	ASTM D2216	6	Soil Classification (USCS)	ASTM D2487
2	Specific Gravity Test	ASTM D854	7	Direct Shear Test	ASTM D3080
3	Sieve Analysis	ASTM D422	8	Unit Weight	ASTM D7263
4	Hydrometer Test	ASTM D422	9	Unconfined Compressive Strength Test	ASTM D2166
5	Atterberg Limits Test	ASTM D4318	10	Consolidation Test	ASTM D2435

## 3. Rate:

Depth of Boring	Quantity	Unit Rate	Total Amount	VAT & AIT
				Excluded VAT & AIT

In Word: |

- Time allowed for completion of total test including preparation of report is 30 (thirty) days from the date of issuance of this work order.
- Boring to be done as per direction and location fixed by Company's Engineer and no boring to be allowed without presence of Engineer at Site.
- Payment Terms:** a) Tk. \_\_\_\_\_ advance with work order.  
b) Remaining amount will be paid after completion of work & submit the bill at the time of submission of the final report.  
All payment will be made in favor of "ES LAB"
- No intermediate rate enhancement will be allowed. Any other expenses like arrangement for water carrying, residence of workers at field etc will be borne by contractor.
- Any expenses due to accidents of workers, to manage the local mastans or any undue situation will be borne by the contractor.
- The Company has the right to cancel the work order, if the contractor fails to start the works as per the schedule

If you agree with the above-mentioned terms and conditions, I would request you to please sign in the duplicate on acceptance and return the same to us.

Thanking you,



**Md. Mainul Islam Pramanik**  
GM- Construction

\_\_\_\_\_  
**Signature  
in Acceptance:**

**urmi**  
group

Reg. Office:  
235/B, Bir Uttam Mir Shawkat Sarok,  
Tejgaon Industrial Area,  
Dhaka-1208, Bangladesh.  
Tel: +8802-8878583, 8878585  
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Tel: +880 2-8837616, 096 12 45 11 88  
Fax: +880 2-9856608  
Web: www.urmigroup.net

Factory:  
Ghargaria Master Bari  
Kewa, Sreepur, Gazipur.

April 30, 2023

Ref: FTML/KEWA/WO/2023-25

## ES LAB

Engr. Kawsar Ahmed

Technical Head

Flat-4A, House-27,29, Road-13, Nikunja-02, Dhaka-1229

Cell: 01687009919, 01760522977

Email: eslabbd@gmail.com

**Subject: Work Order for Sub-Soil Investigation and report preparation & Submission of Production Building-1 & Sub-Station at Kewa project, Kewa, Sreepur, Gazipur.**

**Dear Mr. Kawsar Ahmed,**

The Management of **URMI Group** is pleased to inform you that against your offer dated on 01-11-2022, you have been awarded "Work Order" for the captioned works under the following terms & conditions and rates etc.

**1. Scope of Work:** The Subsoil investigation report would comply all the requirements of BNBC 2020. The main scope of this investigation work is:

- a. Execution of exploratory borings, recording of sub-soil stratification and position of ground water table.
- b. Execution of Standard Penetration Test (SPT) as per ASTM D 1586 and ASTM D 1587 at an interval of 1.5m depth with collection of disturbed soil samples up to the desire depth exploration of each boring (Wash boring method with manual hammer).
- c. Undisturbed soil samples by thin-walled Shelby tubes will be collected depending on soil strata.
- d. Preparation of final reports with all works including detailed description of soil stratification sub-soil.
- e. From the field tests and Laboratory tests, scope of calculation for bearing capacity values for design shallow foundation according to Meyerhof, Hansen & Vesic formula.
- f. For loose and soft strata, from the field tests and laboratory tests, scope calculation for skin friction and bearing values for design Pre-cast & Cast in situ pile foundation according to BNBC 2020 & AASHTO LRFD 2010.
- g. All relevant Laboratory tests as per ASTM standards.
- h. Determination of bearing capacity of soil, Recommendation for type of foundation and the chart showing the end bearing and skin friction in case of deep foundations.
- i. **Submission of three sets of complete Test Report in a presentable manner.**



**Reg. Office:**  
235/B, Bir Uttam Mir Shawkat Sarok.  
Tejgaon Industrial Area,  
Dhaka-1208, Bangladesh.  
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Tel: +880 2-8837616, 096 12 45 11 88  
Fax: +880 2-9856608  
Web: www.urmigroup.net

**Factory:**  
Ghargaria Master Bari  
Kewa, Sreepur, Gazipur.

## 2. Laboratory Tests & Specification:

SL	Test Name	Specification	SL	Test Name	Specification
1	Water Content Test (Moisture Content)	ASTM D2216	6	Soil Classification (USCS)	ASTM D2487
2	Specific Gravity Test	ASTM D854	7	Direct Shear Test	ASTM D3080
3	Sieve Analysis	ASTM D422	8	Unit Weight	ASTM D7263
4	Hydrometer Test	ASTM D422	9	Unconfined Compressive Strength Test	ASTM D2166
5	Atterberg Limits Test	ASTM D4318	10	Consolidation Test	ASTM D2435

## 3. Rate:

Name of Building	Depth of Boring	Quantity	Unit Rate	Total Amount	VAT & AIT
Production Building-1					Excluded VAT & AIT
Sub-Station					
<b>Total=</b>					

In Word: /.

4. Time allowed for completion of total test including preparation of report is 30 (thirty) days from the date of issuance of this work order.
5. Boring to be done as per direction and location fixed by Company's Engineer and no boring to be allowed without presence of Engineer at Site.
6. **Payment Terms:** a) Tk. ( ) advance with work order.  
b) Remaining amount will be paid after completion of work & submit the bill at the time of submission of the final report (hard & soft copy)  
All payment will be made in favor of "ES LAB"
7. No intermediate rate enhancement will be allowed. Any other expenses like arrangement for water carrying, residence of workers at field etc will be borne by contractor.
8. Any expenses due to accidents of workers, to manage the local mastans or any undue situation will be borne by the contractor.
9. The Company has the right to cancel the work order, if the contractor fails to start the works as per the schedule

If you agree with the above-mentioned terms and conditions, I would request you to please sign in the duplicate on acceptance and return the same to us.

Thanking you,



**Md. Mainul Islam Pramanik**  
GM- Construction

\_\_\_\_\_  
**Signature  
in Acceptance:**



Reg. Office:  
235/B, Bir Uttam Mir Shawkat Sarok.  
Tejgaon Industrial Area,  
Dhaka-1208, Bangladesh.  
Tel: +8802-8878583, 8878585  
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Factory:  
Ghargaria Master Bari  
Kewa, Sreepur, Gazipur.

ADL/WO/ESL/2023/01

Date: April 04, 2023

To

The Managing Director,

ES LAB.

H-27&29(4A), R-13, Nikunja-02, Dhaka-1229.

**Sub: Work Order for Geotechnical Investigation on proposed 3 storied service building with fire hydrant tank.**

Dear Sir,

On the basis of your Price Quotation date: 09/01/2023, we confirm our acceptance and the work order is being issued for Geotechnical investigation Work on proposed 3 storied service building with fire hydrant tank.

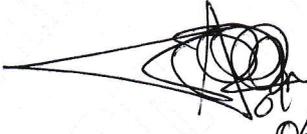
S/L	Depth of Boring (ft)	Quantity (Nos)	Unit Rate (BDT)	Total (BDT)
	100			
			Mobilization=	
			<b>Total Amount of Taka=</b>	

In Word: [REDACTED] Only.

**Note:**

01. AIT will be deducted as per Govt. rules
02. 50% amount as advance.
03. Rest of 50% shall be paid after delivery of the soil test report.

Thanks & Best Regard

  
04/04/23  
.....  
Md. Enamur Rahman Talukder  
GM Administration, HR & Compliance  
Argon Denims Ltd.

**Registered Office:**

Plot #33, Section#7, Mirpur  
Dhaka-1216, Bangladesh.  
Tel : +88 02 9020491-2  
Fax: +88 02 8900897

**Corporate Office :**

Lotus Kamal Tower-ONE (Level-6), 57, Joar Sahara C/A  
Nikunja-2, New Airport Road, Dhaka-1229, Bangladesh.  
Phone : +88 02 8900870-4, 8900781-3, Fax: +88 02 8900784  
E-mail : info@argondenims.com, Web : www.argondenims.com

**Factory:**

Vill: Beraiderchala, P.O.:Gilaberaid  
P.S.:Sreepur, Dist.:Gazipur, Bangladesh.

# GOOD HOUSE PROPERTIES LTD.

Address: 21, Hazaribagh, Dhaka-1209.

## PURCHASE ORDER

PO no : BG/HO/Pro./PO/2227/23/122

Date : 30 March, 2023

Indent # 2948 , Book # 59

Project: MD 236 Decimal Land  
Beside BTU-2, Tannery state  
Hemayetpur, Savar.

To

**ES LAB**

Flat#4A, House#27,28, Road#13,

Nikunja#02, Dhaka-1229.

Contract Person : Engr.kawsar Ahmed, Team leader(Design), Cell-01687-009919.

**Subject: Work Order for soil test for Makalot Land at BEZ.**

Dear Sir,

We are pleased to confirm the Work order in favor of your organization as per following description and terms & conditions:

Sl.	Description	Unit	Qty.	Unit Price	Total Price
1	Bore hole up to 100-00 Feet depth from the existing ground level. ( In dry Area )	Nos			
2	Bore hole up to 60-00 Feet depth from the existing ground level. ( In dry Area )	Nos			
				<b>Grand Total=</b>	

In Words:

**Working place** : MD 236 Decimal Land at Beside BTU-2, Tannery state Hemayetpur, Savar.

**Contact Person** : S.M. Moynul Islam (AGM Engineer) Cell: 01713-146069.

### Terms and conditions:

1. Works should be completed within 03 days of receiving the work order.
2. After completion the work vendor will submit at least three copies of original report.
3. Bill will be made as per actual measurement.
4. Payment will be made through account payee cheque in favor of your organization will be paid after getting the report.
5. **Good House Properties Ltd.** authority reserves the right to cancel the work order partially/ fully without showing any reason.

  
30/3/23  
Nahian Mubasshira  
Procurement, PCL

  
30/03/2023  
Subir Kumar Roy  
Co-ordinator, Design

  
30/03/23  
Md. Atikur Rahman  
Manager Procurement

  
30.03.23  
Md. Saful Islam  
DGM (PCL)

  
30.03.23  
Engr. Motaher Hossain  
Technical Advisor

  
30/03/2023  
Dr. Aparup Chowdhury  
Executive Director

Accepted by the supplier

Head Office: Address: 21, Hazaribagh, Dhaka-1209.



# Work Order (NDT)

# WORK ORDER

Corporate office: House No.95 Road No 13, Sector -10, Ranavola Avenue, Uttara, Dhaka, Bangladesh.

Particulars of the Client and Service Provider	
<b>Order Placed By :</b>	Ober Place To:
Windy Group	ES LAB
Address: Savar Dhaka	Address: House-27&29, Road-13, Nikunja-2, khilket dhaka
Order Ref: UG-2031/PIT/00144/2022	
Order Date: 30 June 2022	Quotantion Date: 25 May 2022
Attention Engr. <u>Shariful Islam</u> (DGM-Project)	Attention Engr. Kawsar Ahmed
Contact: 01719-250739	Contact: 0168700919

Please confirm our order with below information and WO to us as agreement

Sl	Description of work	Unit	Qty	Unit Price	Total
1	Column, Beam, & Slab Protection Ferro Scan & Report Use by HILTI PS 300 Machine	Point	300	1200/-	3,60,000/-
2	UPV Test & Report	Point	54	2500/-	1,35,000/-
<b>Total</b>					<b>4,95,00/-</b>

### A. Work Scope Windy Group:

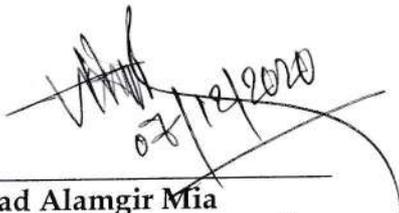
Scan all the building column, beam, & Slab

### B, Work Scope of Service Provider (ES Lab)

Test Equipment, Data Collection & Report

Signature of the Orderer:

Signature of the Supplier:



07/12/2020

Mohammad Alamgir Mia  
 Director (SCM & Procurement)  
 Union Sportswear Ltd. (A Concern of Windy Group)



# magpie composite textile ltd.

Ref:  
MCTL/ESLAB/050922

To,  
ES LAB,  
House-27&29, Road-13  
Nikunja-2, Khilkhet, Dhaka-1229

Attn. : Engr. Kawsar Ahmed

Sub: Work order for Column, Beam, & Slab Protion Ferro Scan & UPV Test Work

Dear Kawsar,  
With reference to your quotation 05 September 2022 and subsequent discussion,  
we are pleased to our work order

Sl	Description of work	Unit	Qty	Unit Price	Total
1	Column, Beam, & Slab Protection Ferro Scan & Report Use by HILTI PS 300 Machine	Point	52	1500/-	78000/-
2	UPV Test & Report	Point	15	3000/-	45000/-
<b>Total</b>					<b>1,23,00/-</b>

Thanks.

Name: Md. Sabbir Hossain Siddique  
Designation: Senior General Manager  
Magpie Composite Textile Ltd.



Head Office : House # 25 (5th Floor), Rabindra Swarini Road, Sector # 03, Uttara, Dhaka-1230, Bangladesh, Phone : +88-02-8932047, 8954194, Fax : +88-02-7914034  
Factory : 832/833 Dewan Edris Road, Amtala, Kathgara, Ashulia, Savar, Dhaka, Bangladesh. Mobile : +88 01714-168499



**Dhaka Water Supply & Sewerage Authority**  
**Office of The Executive Engineer**

Civil Construction Division  
9<sup>th</sup> Floor, WASA Building  
Kawran Bazar, Dhaka



Memo no: 46.113.444.00.00.000.737

Date:21/03/2023

To  
Inspace Developements  
House no: 27-29 (4<sup>th</sup> Floor), Road-13  
Nikunja-2, Dhaka-1229.

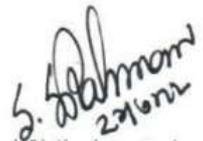
Subject: Letter for confirmation for the execution of the work entitled "Existing building assessment and Design Consultancy Services for Ferro-Scan & Upv of Sayedabaad Administrative bulding, Dhaka WASA"

Dear Sir,

In respect to our previous discussion for the execution of the above mentioned work, I am attaching here the finalized Scope of Wok And Payment Schedule. The offer is final and clauses will be unchanged in the final contract. Please send letter of confirmation within 3 working days.

The contract will be finalized upon getting approval of the competent authority.

Yours Sincerely

  
Syed Shihabur Rahman  
Executive Engineer  
Civil Construction Division  
Dhaka WASA

Enclosed: Scope of work & Payment Schedule.

Ref: Work order/DKL/245/2022

**Dated: Aug 16, 2022**

Managing Director

Inspace Developments

House # 27 & 29 (4B), Road # 13,

Nikunja, Khilkhet, Dhaka-1229

**Attn: Mr. Kawsar Ahmed,**

**Sub: Placement of work order for Tk. ██████████000.00 against consultancy services for 6 storied factory building (adjacent main factory building) located at Beraiderchala, Sreepur, Gazipur.**

Dear Sir,

In compliance to your price quotation reference No. nil dated June 29, 2022 we have the pleasure to place before you the work order for Tk. ██████████00.00 against consultancy services for 6 storied factory building (adjacent main factory building) located at Beraiderehala, Sreepur, Gazipur.

**Scope of Work: Structural Drawings.**

- a) Feasibility study of the project considering structural issues. ██████████
- b) Analysis of sub-soil investigations report.
- c) Analysis and design of sub-structure.
- d) Preparation of detailed working drawings of sub-structure.
- e) Analysis and Testing Ferro Scan & UPV
- f) Preparation of detailed working drawings of super structure.
- g) Preparation of design report.

**Scope of Work: Design Check.**

- a) Prepare structural model as per as-built condition using appropriate analysis software by following the standard practice and applicable building codes.
- b) Determine the framing system of the building.
- c) Check structural member's adequacy.
- d) Lateral stability check of structural frame.
- e) Provide recommendations based on results of analysis including restriction of loading, restriction on vertical & horizontal extension etc.
- f) Checking Adequacy of Foundation as per BNBC-2020.

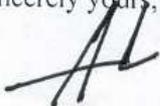
**Approval; Approval from RSC.**

All other terms and conditions of your offer will remain same.

Looking forward to your kind co-operation in this regards.

Thanks with regards.

Sincerely yours,



**(Sayed Ahmed)**

Chairman

ADL/WO/ESL/2023/01

Date: April 04, 2023

To

The Technical Head,

ES LAB,

H-27&2, R-13, Nikunja-02, Dhaka

**Sub: Work order for Column, Beam, & Slab Protection Ferro Scan Work**

1

**Dear Sir,**

On the Basis of your Price Quotation Date: 01/01/2023, we confirm our acceptance and the work order is being issued for Ferro scan Work on storied service Building with ETP Building.

Sl	Description of work	Unit	Qty	Unit Price	Total
1	Column, Beam, & Slab Protection Ferro Scan & Report Use by HILTI PS 300 Machine	Point	90	1500/-	1,35,000/-
<b>Total</b>					<b>1,35,00/-</b>

**In Word: One Lac And Thirty Five Thousand Only.**

NOTE:

01. AIT will Deducted as per GOVT rules
02. 50% amount as advance
03. Rest of 50% shall be paid after delivery of ferro scan report.

*JF.*

*4/4/23*

Thanks & Best Regard

*[Signature]*  
04/04/23

Md. Enamur Rahman Talukder  
GM Administration, HR & Compliance  
Argon Denims Ltd.

Dated: 10/05/2023

To,  
ES LAB,  
House-27&29, Road-13  
Nikunja-2, Khilkhet, Dhaka-1229

Attn. : Engr. Kawsar Ahmed  
Technical Head

Sub: Work order for Column, Beam, & Slab Protection Ferro Scan & UPV Test Work

Dear Kawsar,

As Per Your submitted price proposal & discussion with you about 5- storied steel building Ferro scan & UPV test & report of **Star Hi-LON Con., Ltd at Old EPZ, Ganakbari, Savar, Dhaka** our management has been decided and also requesting you to let the work started as soon as possible.

Sl	Description of work	Unit	Qty	Unit Price	Total
1	Column, Beam, & Slab Protection Ferro Scan & Report Use by HILTI PS 300 Machine	Point	80	1500/-	1,20,000/-
2	UPV Test & Report	Point	22	3000/-	66,000/-
<b>Total</b>					<b>1,86,000/-</b>

Thanking you,



Name: .....

Designation: .....

Company Name: **New Star Hi-Lon Co., Ltd**

27 January, 2022

Our ref: GFL/27/22

To

Team Leader (Design),

ES LAB,

Flat-4A, House-27,29, Rod-13, nikunja-02, Dhaka-1229.

Dhaka City, Bangladesh.

Subject: Work order for Geotechnical Sub-Soil Investigation.

Dear Mr. Kawsar Ahmed,

In response to your offer dated 17 January, 2022 and our subsequent discussion, we are pleased to issue this work order for Geotechnical Sub-Soil Investigation at Genesis Fashions Ltd. With following specifications and conditions.

**Laboratory Tests & Specification:**

Test Name	Specification
Water Content Test (Moisture Content)	ASTM D2216
Specific Gravity Test	ASTM D854
Sieve Analysis	ASTM D422
Hydrometer Test	ASTM D422
Atterberg Limits Test	ASTM D4318
Soil Classification (USCS)	ASTM D2487
Direct Shear Test	ASTM D3080
Unconfined Compressive Strength Test	ASTM D2166
Consolidation Test	ASTM D2435
Any other test required by Site Engineer/ ES Lab	

**Rate of Work:**

Depth of Boring (ft)	Per Boring Offered Rate	Per Boring Negotiated Rate
60	8,000/-	7,500/-
80	10,000/-	9,500/-
100	12,000/-	11,500/-
120	15,000/-	14,500/-

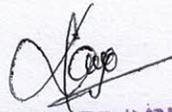
**Terms & Conditions:**

- Investigation Report should be submitted within 21 days from the first day of starting the field work.
- Payment Terms**
  - 50% advance should be paid within 15 days of issuing the Work order
  - Balance within 15 working days from the handover of the Investigation report.
- VAT & AIT: Excluding.
- Bill to be submitted to Group Procurement department with supporting papers.
- Personal safety equipment must be arranged by ES Lab to ensure proper hygiene (specially against COVID 19) & safety in the working zone for everyone.
- ES Lab have to maintain rules & regulation of GFL during their stay at project site.
- Meals & Accommodation will not be in GFL's scope.

If you find this work order with above terms and conditions acceptable, then please return us the 2<sup>nd</sup> copy with your stamp and signature.

Thanks & Regards,

M. Ezazul Haque  
Head of Procurement

  
**Kawsar Ahmed**  
B.Sc. In Civil Engineering (BUET)  
EB Membership: M-40942

# SOORTY TEXTILES BD (LTD)

## WORK ORDER

Control No: ERP-004-WO/GD

Date : 02-NOV-22

Page 1 of 1

Work Order No. : 17

UNIT: SBL 51 OU

### Detail of Work to be Outsourced

Job Detail: **WORK ORDER FOR Ferro Scan & UPV Test.**

Coordinating Person's: **Mohamed Milhan Samsudeen**

Designation: **HOD-ENGINEERING**

Contractor Name: **ES LAB**

Expected Start Date	Expected date of completion	Actual date of Completion	Material Provided by
02-NOV-22	01-DEC-22		STBD
Mode of Payment: <b>CHEQUE</b>		TDS: <b>NO</b>	Payment Terms: <b>As Mentioned in Work Order Remarks</b>

#### SERVICE / LABOUR

Description / Task	Quantity	Ex.Rate	Curr	Unit Price	VAT %	ST Amount	Amount
Total Amount							

#### MATERIAL

Item Code	Description	Quantity	Currency	Unit Price	VAT %	VAT	Amount
260-000024	CIVIL WORK	1	BDT			0	
Total Amount							

Estimated Cost of the Job	Material	Labour	Discount	Total
	<b>630,000</b>		<b>0</b>	

Remarks:

THE WO DETAILS IS GIVEN BELOW:

1. Ferro Scan & UPV Testing @ BDT: [REDACTED] = BDT: [REDACTED]

T&C:

1. THIS VALUE IS EXCLUDING VAT AND TAX.
2. ALL TEST MATERILAS SUCH AS (Ferro scan machine & UPV Machine)
3. PAYMENT TERMS: 50% ADVANCE, 40% PAYMENT HAVE TO CLEARED AFTER COMPLETEING THE WORK, 10% HAVE TO CLEARED AFTER PROVIDING THE ANALYSIS REPORT.

SCM-SAWPON

Prepared by

Coordinating Person

Approved by

## Vendor Details

Vendor Account: 10045738

Inspace Developments  
Inspace Developments  
27-29 Road:13, Nikunja-2  
Dhaka 1229  
BANGLADESH  
Tel No. +8801687009919  
Fax No:

Vendor's Ref:

Vendor's Ref Date:

Payment Method: Cheque Cash COD L/C

Currency: BDT

Incoterms:

Terms of Payment: Net 1 Days

Page: 1 of 2

PO Number: 864854

Date: 20.09.2023

## Ship-to / Invoice-to Address

CBL-Gazipur Factory - Gazipur Factory  
RS-760,761 Bangla Bazar, Rajen  
GAZIPUR - 1700  
BANGLADESH

Payment Term: 30% advance, 20% running, rest upon completion.

Item	Item Code/ Description	Delivery Date	Quantity	Unit	Net Price	Per	Amount
10	INVM-OTHER Consultant work for land clearance	30.12.2023	1	EA	0,000.00		0,000.00
Total Amount						BDT	0,000.00

(TAKA ONLY THOUSAND ONLY)

**N.B.** This is a computer generated purchase order, no signature is required.

## Terms and Conditions

1. Vendor/contractor shall acknowledge this order promptly and such acknowledgement shall be deemed as an acceptance to the terms and conditions thereof.
2. No substitution, alteration, change in price, quantity or variation in quantity & quality of any items called for, can be made by vendor/contractor in this order unless agreed mutually in writing.
3. Vendor cannot copy, use or hand over the company's Logo to any other persons/firms unless agreed mutually in writing.
4. Vendor/contractor guarantees that at the time of delivery thereof the articles covered by this order will be free from any defects in materials, workmanship & conform to their requirements of this order.
5. Supply of any required items including mobilization of man & machinery should be arranged by vendor/contractor at their own cost strictly in accordance with Coats specification. They should also comply with instruction of competent authority of Coats Bangladesh Ltd (#The Company#).
6. Supply of any required items or commencement of works should be made on receipt of firm order and be completed within the stipulated time from the date of commencement of work without any delay.
7. Work of any nature should be carried out without damaging any existing structure/fittings. Any such damages or disconnection should be set right by the vendor/contractor concerned at their own cost.
8. If the contractor fails to rectify the defects/damages and to complete the job within stipulated time without any valid reason which has been agreed with the Company, then the Company shall reserve the right to deduct the same from the retained security money/payment invoices.
9. The contractor shall abide by all the laws of the Country, Coats policies, Coats Supplier Code. No child labor under the age of 18 (eighteen) years is allowed to be engaged by the contractor directly or indirectly for any our works & services. In relation to child labour age, the purchase order terms take priority over the Coats Supplier Code. If either party breaches the anti-corruption and HR clauses in the Coats Supplier Code, or otherwise acts in contravention of anti-corruption legislation or human rights law, then the other party shall have the right to terminate this purchase order without notice and with immediate effect.
10. In case of supply of goods, the vendor/contractor shall provide quality certificate/safety where applicable.
11. Any required work is to be carried out without hampering the normal production or operation of Company. In the case prior permission for working on holidays may be obtained from the concerned authority.
12. Advance or Progress payment is not allowed but this may be considered in some emergency or unavoidable cases subject to approval of competent authority as agreed between the Parties in writing.
13. Payment on approved bill or invoice will be made through A/C Payee Cheque/Bank Transfer after agreed payment terms from the date of receipt of correct bill/invoice by our Chittagong/Dhaka Finance Department. In the case of Engineering job, a #Job Completion Certificate# obtaining from the Engineering Incharge/consultant (as applicable) should be submitted along with the bill/invoice.
14. Payment against Letter of Credit will be made on agreed Payment Terms in negotiated currency convertibility at the prevailing rate (in the case of foreign currency) for supply as per L/C terms and conditions.
15. VAT, Levi & Income Tax as applicable from time to time, will be deducted from the Contractor's bill as per relevant laws of the country.
16. The management of the Company reserves the right to cancel the purchase order and to alter, change or amend, reject any of the conditions thereof partially or wholly at any stage without assigning any reasons whatsoever.
17. In case of any dispute, confusion or ambiguity in any issue or terms & conditions related to the work, service, supply agreement and purchase order, the decision of the management of Coats Bangladesh Ltd. is final without any prejudice.
18. Force Majeure Event" : A # Force Majeure Event" means an event the occurrence of which is beyond the reasonable control of either party, including an Act of God, national viruses, epidemics and pandemics (both as defined by the World Health Organisation), government intervention, war, explosions, fires, floods, tempests, earthquake, insurrection, acts of terrorism, riot, civil disturbance, rebellion, strike, lock-out or labour dispute but not a strike, lock-out or labour dispute involving the Customer. If either party is affected by # Force Majeure Event it shall as soon as reasonably practicable and without undue delay notify the other party of the nature and extent of the event. If a # Force Majeure Event prevents a party (the "Affected Party") from performing any of its obligations to the other (the "Other Party") the Affected Party shall not be liable to the Other Party and shall be released from its obligations to the extent that its ability to perform such obligations has been affected by the # Force Majeure Event. If the impact of the # Force Majeure Event upon the Affected Party prevents it from performing a substantial part of its obligations under this Agreement for a period of 60 consecutive days, the Other Party may, by giving no less than 30 days# written notice, terminate this Agreement either in whole or in part, without liability to the Affected Party.
19. Subject to the terms hereof, vendor and all its employees will maintain as confidential all information provided to it by the Company and will use such information only for the purposes set out in this purchase order and for no other purposes whatsoever.
20. The relevant tender notice, subsequent addendums, amendments/corrigendum (if any) will be the part of this terms & conditions.



## Trade License, TIN & VAT

## ঢাকা উত্তর সিটি কর্পোরেশন

www.dncc.gov.bd



লাইসেন্স ইস্যুর বিবরণ

## ই-ট্রেড লাইসেন্স

ইস্যুর তারিখ : 16/07/2022

ইস্যুর সময় : 18:36:05

লাইসেন্স নং : TRAD/DNCC/002960/2022

স্থানীয় সরকার (সিটি কর্পোরেশন) আইন, ২০০৯ (২০০৯ সনের ৬০ নং আইন) এর ধারা ৮৪-তে প্রদত্ত ক্ষমতাবলে সরকার প্রণীত আদর্শ কর তফসিল, ২০১৬ এর ১০ অনুচ্ছেদ অনুযায়ী ব্যবসা, বৃত্তি, পেশা বা শিল্প প্রতিষ্ঠানের উপর আরোপিত কর আদায়ের লক্ষ্যে নিম্নে বর্ণিত ব্যক্তি/প্রতিষ্ঠানের আনুকূলে অত্র ট্রেড লাইসেন্সটি ইস্যু করা হলো।

১। ব্যবসা প্রতিষ্ঠানের নাম	: ইএস ল্যাব		
২। প্রতিষ্ঠানের মালিকের নাম	: কাওসার আহমেদ		
৩। পিতা / স্বামীর নাম	: মোঃ ফরমান আলী মন্সল		
৪। মাতার নাম	: মোছাঃ কামরুন্নাহার বেগম		
৫। ব্যবসার প্রকৃতি	: অন্যান্য - একক		
৬। ব্যবসার ধরণ	: কনস্ট্রাকশন ফার্ম, কনসালটেন্সী, সরবরাহকারী (দাহ্য পদার্থ ও ক্যামিকেল ব্যাভিত)		
৭। প্রতিষ্ঠানের ঠিকানা	: খ-৭১/বি, খিলক্ষেত টানপাড়া, খিলক্ষেত, ঢাকা-১২২৯		
৮। অঞ্চল / বাজার শাখা	: ১ উত্তরা	ওয়ার্ড / মার্কেট:	17
এলাকা	: খিলক্ষেত টানপাড়া		
৯। এনআইডি/পাসপোর্ট/জন্ম নিব: নং	: ৬৪০৯৫৭১২৭৭	বিআইএন নং:	
ফোন	: ০১৭৩৪২৩৬১৭৪	ই-মেইল:	
১০। অর্থ বছর	: 2022-2023 [নবায়নকৃত]	ব্যবসা শুরুর তারিখ:	20/12/2020
১১। মালিকের বর্তমান ঠিকানা		মালিকের স্থায়ী ঠিকানা	
হোল্ডিং নং	: ৩২	হোল্ডিং নং	:
রোড নং	: ১২	রোড নং	:
গ্রাম / মহল্লা	: নিকুঞ্জ-০২	গ্রাম / মহল্লা	: মাকাদিমা
পোস্টকোড	: ১২২৯	পোস্টকোড	: মির্জাপুর দীঘা
থানা	: খিলক্ষেত	থানা	: নাটোর সদর
জেলা	: ঢাকা	জেলা	: নাটোর
বিভাগ	: ঢাকা	বিভাগ	:
১২। ট্রেড লাইসেন্স/নবায়ন ফি(বার্ষিক)			
লাইসেন্স/নবায়ন ফি	: 9000	সাইনবোর্ড কর	: 480
সারচার্জ	: 0	ভ্যাট	: 1422
আয়কর / উৎসেকর	: 3000	বই মূল্য	: 250
বকেয়া ()	: 0	ফর্ম ফি	: 0.00
সংশোধনী ফি	: 0.00	সর্বমোট	: 14152.00

অত্র ট্রেড লাইসেন্স এর মেয়াদ ৩০ শে জুন, ২০২৩ পর্যন্ত

লাইসেন্স ও বিজ্ঞাপন সুপারভাইজার



কর কর্মকর্তা



**Government of the People's Republic of Bangladesh**

**National Board of Revenue**

**Taxpayer's Identification Number (TIN) Certificate**

**TIN : 231548489818**

This is to Certify that **KAWSAR AHMED** is a Registered Taxpayer of National Board of Revenue under the jurisdiction of **Taxes Circle-256 (Salary)**, Taxes Zone 12, Dhaka.

**Taxpayer's Particulars :**

- 1) Name : **KAWSAR AHMED**
- 2) Father's Name : **Md. Forman Ali Mondal**
- 3) Mother's Name : **Mst. Kamrunnahar Begum**
- 4.a) Current Address : **House-07, Road-07, Nikunja-2, Khilkhet, Dhaka, PO : 1229**
- 4.b) Permanent Address : **Vill: Mazdigha, Post: Mirzapur Digha, Natore Sadar, Natore, PO : 6400**
- 5) Previous TIN : **Not Applicable**
- 6) Status : **Individual**

Date : November 22, 2017

**Please Note:**

1. A Taxpayer is liable to file the Return of Income under section 75 of the Income Tax Ordinance, 1984.
2. Failure to file Return of Income under section 75 is liable to-
  - (a) Penalty under section 124; and
  - (b) Prosecution under section 164 of the Income Tax Ordinance, 1984.



**Deputy Commissioner of Taxes**

Taxes Circle-256 (Salary)  
Taxes Zone 12, Dhaka  
Address : Modina Tower, 3/4, Purana Paltan, Dhaka. Phone : 7116576

N. B: This is a system generated certificate and requires no manual signature.



**Government of the People's Republic of Bangladesh**  
**National Board of Revenue**

Mushak-2.3

Customs, Excise and VAT Commissionerate, Dhaka (North)  
Gulshan Division

**Value Added Tax Registration Certificate**

This is to certify that the person whose details are given below is registered under Value Added Tax and Supplementary Duty Act, 2012 (Act No. 47 of 2012)

**BIN : 004751129-0101**

Name of the Entity : ES LAB  
Trading Brand Name : N/A  
Old BIN : N/A  
e-TIN : 231548489818  
Address : House#32,Road#12,Nikunja-2,Khilkhet,Dhaka-1229;  
Khilkhet PS; Dhaka-1229; Bangladesh  
Issue Date : 08/06/2022  
Effective Date : 06/2022  
Type of Ownership : Proprietorship  
Major Area of Economic Activity : Services



*This is a system generated certificate and doesn't require any signature*



**Govt. of the People's Republic of Bangladesh**  
**National Board of Revenue**  
**Taxes Department**  
**Income Tax Certificate**

**Particulars of Assessee:**

Name : **Kawsar Ahmed.**

Father's/Husband's Name : **Md. Forman Ali Mondal.**

Present Address : **Inspace Developments Es Lab, Kha-71/B,  
Khilkhet Tanpara Khikhet, Dhaka-1229.**

Permanent Address : **Vill: Mazdigha, P/O: Mirzapur Digha,  
P/S: Natore, Dist:Natore**

Status : **Individual**

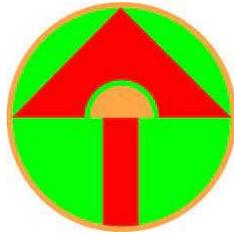
Tax Payers Identification(e-TIN) : **231548489818/Taxes Circle-256**

This is to certify that **Kawsar Ahmed,C/O: Inspace Developments Es Lab**, is a registered assessee of Taxes Circle-256(Salaries), Taxes Zone-12, Dhaka. His assessment has been completed for the assessment year 2022-2023 under universal self-assessment scheme



  
**( Upal Biswas )** ০৫.০৯.  
Deputy Commissioner of Taxes ২০২২  
Taxes Circle-256 (Salaries)  
Taxes Zone-12, Dhaka.  
Phone : 47116576  


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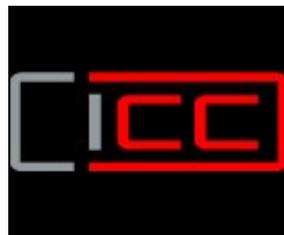
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MASCO Properties Limited



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