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Notices

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News

April 9, 2023 Bonikbarta.net Features Professor Dr. Farzana Rahmanâ€™s Research on The Service Quality of Domestic Airlines BangladeshApril 1, 2023 United Medical College Hospital construction site visited by the students of Department of Civil Engineering on March 04, 2023March 29, 2023 Study Tour at the Mawa-Bhanga section of Padma Bridge Rail Link Project on March 13th, 2023June 5, 2021 CCTR: Los Angeles Abrasion Test on Stone Chips Materials Performed on June 5, 2021 View more

Events

December 24, 2024 2:00 pm UIU-CE Seminar on Biomechanics of Mental HealthJune 29, 2021 12:00 am 21ST CENTURYâ€™S WORK-PLACE SKILLS TRAINING ONLINE COURSESeptember 28, 2022 12:00 am UIU CE Seminar Series on â€œRecent Development in the Panelized Offsite Construction Process.â€November 27, 2022 12:00 am UIU CE Seminar Series On â€œFrom Isa Khanâ€™s Panam Nagar Culverts to The Padma Bridge: Bangladeshâ€™s Bridge Building Odysseyâ€November 1, 2022 12:00 am UIU CE Seminar Series On â€œChallenges and Management of Water Resources of Bangladesh: Role of Civil and Water Resources Engineersâ€ View more **UNITED INTERNATIONAL UNIVERSITY DEPARTMENT OF CIVIL ENGINEERING** ** Commercial Testing Facilities Sl. No. | Name of the Test | Test Rate* *(Tk.)

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Aggregates |

1. | Sieve analysis (CA) / Gradation /FM (CA) | 1,500
2. | Sieve analysis (FA) / FM | 1,200
3. | L.A. Abrasion of CA | 2,700
4. | Unit weight of aggregate (CA) | 1,200
5. | Unit weight of aggregate (FA) | 1,000
6. | Absorption and Specific Gravity / Density (CA/FA) | 1,500
7. | % finer than # 200 sieve / Fine content/Silt content | 2,200
8. | L.A. Abrasion of Ballast | 2,700
9. | Sieve analysis / Gradation / FM (CA) (Ballast) | 4,000
10. | Sieve analysis / Gradation / FM (CA) (Ballast)/Specified Sieve size | 5,000
11. | Aggregate Crushing Value (ACV) / Compressive Strength | 2,200
12. | Aggregate Impact Value (AIV) | 2,000
13. | Ten Percent Fine Value (TFV) | 5,000

Sl. No. | Name of the Test | Test Rate (Tk.)

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Bricks |

(Bricks needed for ASTM = 5 Nos., BS = 10 Nos.)

1. | Absorption | 1,700

2. | Crushing strength | 2,000

3. | Efflorescence (needed 10 additional bricks) | 3,400

4. | Size & shape | 1,200

5. | Unit Weight | 1,700

Hollow Bricks (Set of 3 Nos.) |

6. | Comp. strength of Hollow bricks, Paving / Concrete blocks etc. | 2,700

7. | Absorption | 2,000

8. | Efflorescence (Set of 15 bricks needed) | 2,500

Note: Sample Preparation Charge Tk. 1000 per set Sl. No. | Name of the Test | *Test Rate (Tk.)

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Cement |

ASTM / AASHTO Standard

1. | Compressive strength | 6000

2. | Tensile Strength | 5000

3. | Setting time (only) | 1700

4. | Normal Consistency (only) | 1200

Note: Sample Preparation Charge Tk. 3000 per set Sl. No. | Name of the Test | Test Rate *(Tk.)

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Cement Concrete |

1. | Concrete cylinders (100x200mm) | 1200

2. | Concrete cube (150x150mm) | 1700

3. | Concrete cylinder (casting and testing) | 5500

Sl. No. | Name of the Test | Test Rate (Tk.)

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Rod/Steel (Set of 3 Nos.) |

1. | Tension test including wt. & elongation (up to 25mm) | 2000

2. | Tension test including wt. & elongation (above 25mm & up to 32mm) | 2,200

3. | Tension test including wt. & elongation (above 32 mm & up to 50 mm) | 4,000

4. | Tension test including wt. & elongation (above 50 mm) | 5,000

5. | Direct Shear Test for Rod | 1000

6. | Impact test | 2000

7. | Spring test (for a set of 1 No.) | 1700

8. | Hardness test (Rockwell) | 2000

Note: Sample Preparation Charge Tk. 1000 per set Sl. No. | Name of the Test | **Test Rate (Tk.)

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Timber |

1. | Timber Compression Test, for 1 sample | 1600

2. | Timber Bending Test, for 1 sample | 10000

Note: Sample Preparation Charge Tk. 1000 per set Sl. No. | Name of the Test | Test Rate (Tk.)

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Soil Tests |

1. | Specific gravity | 1000

2. | Unit weight | 900

3. | Void ratio (Sp. Gr. & Unit Weight.) | 1,500

4. | Moisture content | 1000

5. | Shrinkage limit | 1000

6. | Liquid limit and Plastic limit | 2,200

7. | Grain size analysis by wash sieving/ % finer than # 200 sieve | 2,000

8. | Hydrometer and wash sieving (including specific gravity) | 3,200

9. | Field density Test | 4000

10. | Degree of compaction test (moisture content, field density test, standard proctor test) | 9000

11. | Maximum and Minimum density of cohesionless soil | 4,200

12. | Standard Proctor Compaction test | 4,000

13. | One dimensional consolidation Cc,Cs,Cv (Only e – log p Tk. 17,000) | 12,000

14. | One dimensional consolidation (Cc, Cs, Cv) and Permeability (e – log k) | 15,000

15. | Unconfined compression test (including Sp. Gr.) | 2,700

16. | Direct Shear Test (Internal friction angle and cohesion) | 5000

Sl. No. | Name of the Test | Test Rate* *(Tk.)

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Bitumen |

1. | Specific gravity | 1,500
2. | Penetration / Grading | 1,500
3. | Flash & Fire Points | 3,000
4. | Ductility | 2,500
5. | Softening Point (R&B) | 1,500

Notes: **VAT (15%) is to be added with the prices. Field visit inside Dhaka Tk 10,000/- (Transportation is to be arranged by the client) Field visit outside Dhaka Tk 15,000/- (Transportation is to be arranged by the client)

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