

চৈত্য ১/৫/২২

মগ ভারিখঃ ১৪২৯ বঙ্গাব্দী প্রকাশক

১। সরকারি অবস্থাতের অন্য প্রেরণ করা হলো।  
 ★ বিধি মোতাবেক ব্যবহা নিন।  
 ★ পত্রের মর্মানুসারে প্রতিবেদন পেশ করুন।  
 ★ পরীক্ষা করে পেশ করুন।  
 ★ তদন্ত করে মতামত সহ প্রতিবেদন দিন।  
 ★ সভায় যোগদান করুন এবং কার্যবিবরণী অবস্থিত করুন।  
 ★ আলাপ করুন।

তারিখঃ ২৫ আব্রিন ১৪২৯ বঙ্গাব্দী  
 ১০ অক্টোবর ২০২২ খ্রিস্টাব্দ

নং-০৭.০০.০০০০.১৫৫.১৪.০০১.২০- ৬২০

### বিষয়ঃ বাংলাদেশ পানি উন্নয়ন বোর্ড দর তফসিল (Schedule of Rates)-২০২২ সংক্রান্ত।

সূত্রঃ: পানি সম্পদ মন্ত্রণালয়ের পত্র নং-৪২.০০.০০০০.০৪১.৯৯.০২৭.১৮-৩২৪, তারিখ: ২৬/০৫/২০২২

উপর্যুক্ত বিষয় ও সূত্রোচ্চ পত্রের পরিপ্রেক্ষিতে বাংলাদেশ পানি উন্নয়ন বোর্ডের কার্যক্রম পরিচালনা/সম্পাদনের লক্ষ্যে আন্তঃমন্ত্রণালয় কারিগরী কমিটি কর্তৃক সুপারিশকৃত বাংলাদেশ পানি উন্নয়ন বোর্ডের দর তফসিল-২০২২ বাস্তবায়নে নিম্নোক্ত শর্তে অর্থ বিভাগের সম্মতি নির্দেশক্রমে জাপন করা হলোঃ

#### শর্তাবলীঃ

- ক) এ দর তফসিল “বাংলাদেশ পানি উন্নয়ন বোর্ড দর তফসিল-২০২২” শিরোনামে অভিহিত হবে।
- খ) বাংলাদেশ পানি উন্নয়ন বোর্ডের বিশেষায়িত কাজের আইটেমসমূহ বাদে অন্যান্য সকল ভিত্তি আইটেম/ম্যাটেরিয়াল দর (Basic Item/Material Rate) এবং কার্য বাস্তবায়ন আইটেম দরের (Work Execution Item rate) ক্ষেত্রে ইতৎপূর্বে অর্থ বিভাগ কর্তৃক ৪ জুলাই ২০২২ তারিখের ৪৩৩ সংখ্যক স্মারকে স্থানীয় সরকার প্রকৌশল অধিদপ্তর, ২১ জুন ২০২২ তারিখের ৩৮৫ সংখ্যক স্মারকে ৮ জুলাই ২০২২ তারিখের ৪৩৩ সংখ্যক স্মারকে স্থানীয় সরকার প্রকৌশল অধিদপ্তর, ২১ জুন ২০২২ তারিখের ৩৮৫ সংখ্যক স্মারকে গণপূর্ণ অধিদপ্তর ও ১ ডিসেম্বর ২০২১ তারিখের ৫৮০ সংখ্যক স্মারকে বাংলাদেশ রেলওয়ের জন্য অনুমোদিত দর তফসিলসমূহের দরও (বাস্ক ও রিটেইল) এ দর তফসিলের ক্ষেত্রে প্রযোজ্য হবে;
- গ) সময়ে সময়ে অর্থ বিভাগ কর্তৃক পুনঃনির্ধারিত দরও এ দর তফসিলের ক্ষেত্রে প্রযোজ্য হবে;
- ঘ) প্রাক্কলন প্রণয়নের সময় ০৫(পাঁচ) কোটি টাকা মূল্যান্বের নিম্নের প্রকল্পগুলোর ক্ষেত্রে রিটেল (খুচরা) মূল্য প্রযোজ্য হবে;
- ঙ) অর্থ বিভাগ কর্তৃক বিভিন্ন দপ্তরের জন্য ইতোমধ্যে অনুমোদিত দর তফসিলসমূহের তুলবামূলক বিচারে যেকোন আইটেমের একক দরে (বাস্ক ও রিটেইল) যদি পার্থক্য পরিলক্ষিত হয় সেক্ষেত্রে অর্থ বিভাগ কর্তৃক যে সংস্থার দর তফসিল সর্বশেষ অনুমোদিত হয়েছে সে দর তফসিলের অনুমোদিত দর সকল দপ্তরের জন্য প্রযোজ্য হবে;
- চ) দর তফসিলের অন্তর্ভুক্ত আইটেমসমূহের ক্ষেত্রে সময়ে সময়ে জাতীয় রাজস্ব বোর্ড কর্তৃক নির্ধারিত মূল্য সংযোজন কর (ভ্যাট), আয়কর, শুল্ক ও অন্যান্য ডিউটি প্রযোজ্য হবে;
- ছ) আইটেম সমূহের স্পেসিফিকেশনে বাংলাদেশ ন্যাশনাল বিস্টি কোড (বিএনবিসি) এবং দেশে প্রচলিত অন্যান্য কোডসমূহ অনুসরণ করতে হবে;
- জ) দর তফসিল অনুযায়ী প্রাক্কলন প্রণয়ন ও অন্যান্য কাজ সম্পাদনে জেনারেল ফাইন্যান্সিয়াল রুলস (জিএফআর), পাবলিক প্রকিউরমেন্ট আইন-২০০৬, পাবলিক প্রকিউরমেন্ট বিধিমালা-২০০৮-সহ যাবতীয় আর্থিক বিধি-বিধান প্রতিপালন করতে হবে;
- ঝ) বিশেষ কোন কাজের ক্ষেত্রে বর্তমান দর তফসিল বহির্ভূত কোন আইটেম ব্যবহারের প্রয়োজন হলে দপ্তর/সংস্থা প্রধানের অনুমতি সাপেক্ষে প্রচলিত বাজার দর অনুযায়ী উক্ত আইটেমের বিশেষণী দর অর্থ বিভাগের সর্বশেষ আর্থিক ক্ষমতা অর্পণ অনুযায়ী অনুমোদন করা যাবে;
- ঞ) এ অনুমোদিত দর তফসিল অন্তিমিলিয়ে বাংলাদেশ পানি উন্নয়ন বোর্ডের ওয়েব সাইটে আপলোড করতে হবে।

২। উপরিউক্ত দর তফসিল আগামী ০৩ (তিনি) বছর বাহাল থাকবে এবং তা অবিলম্বে কার্যকর হবে।

(চৌধুরী আশুরাফুল কারিম)

সিনিয়র সহকারী সচিব

ফোন: ০২-২২৩৩৫৬০৩৭

ই-মেইল: chashraful@finance.gov.bd

#### সিনিয়র সচিব

পানি সম্পদ মন্ত্রণালয়  
বাংলাদেশ সচিবালয়, ঢাকা।

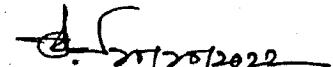
|  |                          |                 |
|--|--------------------------|-----------------|
| ডায়ারী নং ২৮৭   | ফাইল নং                  | তারিখ: ১২.১০.২২ |
| ত্বরান্বায়ক প্রকৌশলী (মনিটরিং)                                      | • অক্ষয়ী/পতি জারী       |                 |
| ত্বরান্বায়ক প্রকৌশলী (প্রসেসিং/কো কন্ট্রোল ইস্ট/ওয়েস্ট)জি. আই. এস) | • উপর্যুক্ত করণ          |                 |
| সিনিয়র সিস্টেম এন্ডলিন্স (আইসিএস)                                   | • প্রয়োজনীয় ব্যবহা নিন |                 |
| মিবাই প্রকৌশলী-১/২/৩/৮   | • মুক্তি পেশ করুন        |                 |
| উপ-প্রিচালক (প্রিমাস)  | • আলোচনা করুন            |                 |
| উপ- প্রিচালক/সহকারী প্রকৌশলী-১/২/৩/৮                                 | • নথিতে রাখুন            |                 |
| সহকারী প্রিচালক (প্রিমাস)  | • তাগিদ প্রদ দিন         |                 |
| উদ্বিধন হিসাব সহকারী   | বাপাউরো, ঢাকা।           |                 |
| খনন প্রকৌশলী, মনিটরিং  |                          |                 |

নং-০৭.০০.০০০০.১৫৫.১৪.০০১.২০- ৬২০

তারিখ: ২৫ আশ্বিন ১৪২৯ বঙ্গাব্দ  
১০ অক্টোবর ২০২২ খ্রিস্টাব্দ

সদয় অবগতি ও প্রয়োজনীয় কার্যার্থে অনুলিপি প্রেরণ করা হলো (জ্যোষ্ঠার ক্রমানুসারে নয়) :

১. মন্ত্রিপরিষদ সচিব, মন্ত্রিপরিষদ বিভাগ/প্রধানমন্ত্রীর মুখ্য সচিব, প্রধানমন্ত্রীর কার্যালয়।
২. সিনিয়র সচিব/সচিব-----মন্ত্রণালয়/বিভাগ
৩. সচিব, পরিকল্পনা বিভাগ, পরিকল্পনা মন্ত্রণালয়, আগারগাঁও, ঢাকা।
৪. মহাপরিচালক, বাংলাদেশ পানি উন্নয়ন বোর্ড, পানি ভবন, শ্রীন রোড, ঢাকা।
৫. সিনিয়র সচিব মহোদয়ের একান্ত সচিব, অর্থ বিভাগ, অর্থ মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা (ওয়েবসাইটে প্রকাশের অনুরোধসহ)।
৬. সিনিয়র সিস্টেম এনালিস্ট, অর্থ বিভাগ, অর্থ মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা (ওয়েবসাইটে প্রকাশের অনুরোধসহ)।

  
(চৌধুরী আশরাফুল করিম)

সিনিয়র সহকারী সচিব



## **BANGLADESH WATER DEVELOPMENT BOARD**

### **STANDARD SCHEDULE OF RATES 2022**

**September-2022**

**BANGLADESH WATER DEVELOPMENT BOARD STANDARD SCHEDULE OF  
RATES 2022 PREPARATION COMMITTEE**

| <b>Sl No</b> | <b>Name</b>         | <b>Designation and Office</b>                               | <b>Status</b>    |
|--------------|---------------------|---|------------------|
| 1.           | Md. Aminul Islam    | Superintending Engineer,<br>Design Circle-2,<br>BWDB, Dhaka | Convenor         |
| 2.           | Md. Golam Robbani   | Executive Engineer<br>Design Circle-3,<br>BWDB, Dhaka.      | Member           |
| 3.           | Md. Masbahul Islam  | Sub-Divisional Engineer<br>Design Circle-2,<br>BWDB, Dhaka. | Member           |
| 4.           | Mirza Asiful Islam  | Sub-Divisional Engineer<br>Design Circle-2,<br>BWDB, Dhaka. | Member           |
| 5.           | Kashfia Nazneen     | Assistant Engineer<br>Design Circle-2,<br>BWDB, Dhaka.      | Member           |
| 6.           | Hasnin Fatema Kanon | Executive Engineer<br>Design Circle-2,<br>BWDB, Dhaka.      | Member Secretary |

*K. Md. Golam Robbani M. N.*

## **General Instruction for Execution of Works**

1. All unit rates are inclusive of carriage of all materials and have been worked out so as to cover the full compensation of materials, labour, equipment and machinery, tools and plants, overhead/incidental charges, etc., necessary to complete the work in all respect required under the respective item. The unit rates are also inclusive of all duties and taxes and a certain amount of profit for the contractors/suppliers. In the relevant cases, it has further taken into account the testing, installation and maintenance expenses.
2. The Tender Documents should accompany Technical Specifications detailing all procedures in addition to the short description of the Cost Estimates/BOQ and the features shown in the Drawings. Preparation of estimate/BOQ and implementation of work shall be done according to "Technical Specification for Civil Works" of BWDB.
3. Departmental supply of new construction materials is discouraged as restricted under the prevailing Government Rules. However, some specific materials becoming scarce in the country occasionally necessitate their departmental supply. Such provisions, if any, may be kept in the Tender Documents as an exception on due approval of the competent authority clearly stating the corresponding price(s) for cost recovery.

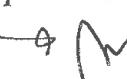
The delivery rate(s) for such material(s) should correlate the exact amount as considered against them in the Analysis of Rates. All costs of departmentally supplied material(s), if any, shall be recovered from the Contractor(s) at this (these) rate(s) for the entire supply.

4. For the purpose of preparation of estimates in the cases where old materials would be re-used/re-cycled, the damages should be assessed and grouped according to their extent. Such assessment should only be made on undertaking appropriate field survey

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works through authorized personnel and due verification. Proper methodology should be followed to assess the expected quantity of salvaged materials.

5. For the purpose of recording the quantity of the salvaged materials and to determine and specify their useable quantities, the old materials should be taken out, properly stacked, accurately measured and the measurements are entered in the Measurement Book (MB). The materials should be stacked in a manner that will allow for the Engineer-in-charge to hold random inspection and verification with regard to the quality and the quantity of materials as salvaged. The Engineer-in-charge shall certify the salvaged materials according to his inspection results. Inventory of the materials shall then only be made and the material(s) be allowed for use in the work(s). The Contractor shall agree with the quantity of material(s) salvaged and so certified by the Engineer-in-charge. The material(s) shall, under no circumstance, be issued to the Contractor(s) before the measurement(s) has (have) been properly entered into the permanent record. The value of the material(s), so supplied, shall be recovered from the Contractor strictly in accordance with the provisions of the contract. In case the salvaged materials become more than the quantity shown in the Tender Document/BOQ, the value of the material(s), in excess to the provisions of the Tender Document/BOQ, shall also be recovered.
6. For any quantities of loss or pilferage of the departmentally supplied or the salvaged material(s), the cost shall be recovered from the Contractor(s) at double the delivery rate of the materials(s) specified in the Tender Document. The Contractor(s) is (are) also required to return to the Department any quantity of material that may remain unused from the supply given by the Department or salvaged.
7. Unless provisions are made in the Technical Specifications, every item of this Schedule of Rates shall also comprise activities like mobilization, de-mobilization and clearance of work site. Separate item should not be provided for these activities in the

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estimate/BOQ unless an exception is allowed by the authority. In the case of any exception, obtaining prior approval of the authority shall be compulsory.

8. The Contractor(s) at his (their) own cost shall perform all laboratory tests required for the construction works in the BWDB authorized laboratories/facilities established at the site (if any). The testing facilities if not available with the BWDB, may be performed outsource as directed by the Superintending Engineer. The Superintending Engineer/Executive Engineer shall reserve the right to increase the frequency of testing on actual requirement.
9. In case of detection of any error or omission in the specifications during or prior to implementation of work, it should immediately be brought to the notice of the authority for necessary correction or amendment.
10. The Executive Engineer of the Division is the key-person for overall management and supervision of works supported by the Sub-Divisional Engineer/Assistant Engineer and the Sub-Assistant Engineers (SAEs). It is their responsibility to ensure that the items of this Schedule of Rates are strictly implemented in the work(s) with all stipulations, specifications and details. Standard field/laboratory tests are to be performed with random sampling of brick, cement, sand, M.S. bar, Geotextile material and other principal construction materials. Random cylinder/cube tests for Cement Concrete shall be carried out at the specified frequency for all concrete structural elements in order to protect their requisite strength.
11. Estimates of dewatering operation and closure dam shall be send to the Design Circle-2 for vetting prior to inclusion in the estimate/BOQ.

*K S.A. A.S.E. M.A. H.M. N*

12. Estimate/BOQ for earth work shall be prepared on pre-work and post-work basis and the same will be checked as per codal rule by the respective authorized officers. On issuing detail work order, the BOQ for earth work shall be checked by the contractor(s) at own expense/arrangement and inform the outcome in a written letter to the Executive Engineer. Variation from the sanctioned estimate, if any, must be reported to the Superintending Engineer for verification and clearance by him.
13. The rates in the "Schedule of Rates" are for finished item of works unless otherwise explicitly mentioned and include all the cost incidental to the items.
14. Every item of the Schedule is to be executed unless otherwise specified as per Standard Specifications of the BWDB.
15. Rates for all works are inclusive of the lighting, guarding and putting barrier/fencing etc. during execution of works.
16. All tools, plants and articles, and equipment needed for the execution of the works are to be supplied by the contractor at his own cost unless otherwise specified. Provision of such cost has been made in the Schedule of Rates. In case of hiring the Departmental equipment, the contractor will have to pay the Departmental hire charge at the rate(s) specified by the BWDB.
17. Removal includes cost for removal of old materials from the site where necessary.
18. Earth work for payment will be calculated from *pre-work* and *post-work* sections of work in the construction of new embankment, re-sectioning of old embankment, excavation & re-excavation of canal and dredging works (excluding small repair, if any).

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19. In determining the Formation Level of a compacted embankment, 10% (ten percent) of the fill height calculated on the basis of Pre-work Level and Design Level shall be added to Design Level while preparing official estimate. But post-work measurement shall be precisely as per the work done status.
  20. Leads and lifts shall be reckoned from the centre of excavated sections to the centre of the place of throwing the spoil. Measurement for lead(s) and lift(s) shall be based on unit of shortest distance traversed and part of units shall be counted for full unit measurement subject to the conditions that fraction of 30 (thirty) cm over the unit of lift and fraction of 3 m (three) meter over the unit of lead shall not be considered for a full unit.
  21. Shift (in case of work done by excavator) shall be reckoned from the centre of excavated sections to the centre of the place of throwing the spoil. Measurement for Shift (s) shall be based on unit of shortest distance traversed and part of units shall be counted for full unit measurement subject to the conditions that fraction of 3 m (three) meter over the unit of Shift shall not be considered for a full unit.
  22. Local carriage within 300 meter of the work site is included in the item rates of works.
  23. Cost of all kinds of testing of material properties as and when desired by the Executive Engineer shall be considered to be included in the unit price. No extra cost on account of testing materials to be used in work shall be admissible unless otherwise specified.
  24. In manufacturing cement concrete blocks, the platform shall be made by one layer of brick flat soling platform finishing with sand-cement mortar and polythene sheet (1.0

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kg. per 16.0 sqm) shall be used for preventing leakage through the bottom face of the shutter.

25. Diameter of Wooden Bullah will be measured at a distance 1/3 (one third) length from butt end without bark.
  26. In the measurement of the volume of Boulders and Gravels, percent deduction for void shall be made at the specified rates mentioned against the respective item to account for void.
  27. All kinds of R.C.C pipes and sockets shall be manufactured in close conformity with the AASHTO Designation (M 170M-89).
  28. The weight of Geo-bag has been considered on the basis of dry unit of sand in this schedule.
  29. Cost of stacking of CC block, Boulders, Hard Rock, Geo-bag etc. was included in the respective item. Staking of block shall be done in such a way that “number” and “date” of block are visible.
  30. Cost of survey required during dredging work has been included in the respective dredging Item.
  31. Excess earth arises during preparation of slope for pitching work shall be used for filling the ditches on the bank within 50 m or specified in the drawing. If no ditches to be filled, then excess material shall be disposed of at least 100 m from the bank line on C/S.

32. Test of physical properties shall be done for every 20,000 no's of geobag and test of fiber composition (PP test) shall be done for every 5000 no's of geobag.
33. Dumping shall be done by barge, If depth of water (depth of flow <2.0m) and width of the channel does not permit smooth operation of barge then boat may be used.
34. If Casting or staking yard is more than 500 m away from, then carriage (Item Code: 08) may be used for the carriage of material.
35. Item code and sub-item code against each item description marked in the Standard Schedule of Rates must be quoted in preparing estimate of a work and the work Schedule/BOQ for a tender.
36. In preparing an estimate of work, item of works listed under different Chapters may be combined. But it should be carefully noted that the item of works, which are earmarked for a particular kind of work, must not be applied for a work of different nature.
37. Procurement of works, goods and services shall be made strictly in accordance with the provisions of "The Public Procurement Act 2006" and "Public Procurement Rules 2008."

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## Index

| Sl. No | Content                              | Page   |
|--------|--------------------------------------|--------|
| 1      | List of Zone names                   | 1      |
| 2      | Marks-up List of Basic Element Rates | 1-19   |
| 3      | List of Item Rates                   | 20-122 |
| 4      | Added Rate for Inaccessible Areas    | 123    |

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**BWDB Standard Schedule of Rates-2022**

**List of Zone names**

| Zone   | BWDB Jurisdiction  | Districts  |
|--------|--------------------|--|
| Zone-A | Central Zone       | Dhaka; Narayanganj; Manikganj; Narshingdi; Gazipur; Mymensingh; Munsiganj; Kishoreganj; Tangail; Jamalpur; Sherpur; Netrakona. |
| Zone-B | South-Eastern Zone | Chattogram; Rangamati; Khagrachori; Cox's Bazar; Bandarban.  |
|        | North-Eastern Zone | Sylhet; Sunamganj; Hobiganj; Moulvibazar.  |
| Zone-C | South-Western Zone | Khulna; Satkhira; Bagerhat; Jashore; Norail.   |
|        | Southern Zone      | Barishal; Jhalkathi; Pirojpur; Patuakhali; Barguna; Bhola.   |
|        | Western Zone       | Faridpur; Rajbari; Madaripur; Shariatpur; Gopalganj; Kushtia; Chuadanga; Meherpur; Magura; Jhenaidah.                          |
|        | Eastern Zone       | Cumilla; Brahmanbaria; Chandpur; Feni; Noakhali; Lakshmipur.   |
| Zone-D | Northern Zone      | Rangpur; Kurigram; Gaibandha; Lalmonirhat; Nipahamari; Thakurgaon; Panchagarh; Dinajpur.                                       |
|        | North-Western Zone | Rajshahi; Naogaon; Nawabganj; Natore; Bogura; Jaipurhat; Sirajganj; Pabna.   |

**Marks-up List of Basic Element Rates**

| SL No. | Element Code | Element Description | Unit | Basic Element Rate (Tk.) |        |        |        |
|--------|--------------|---------------------|------|--------------------------|--------|--------|--------|
|        |              |                     |      | Zone A                   | Zone B | Zone C | Zone D |

**MARK-UPS**

|   |   |  |  |        |        |        |        |
|---|---|--|--|--------|--------|--------|--------|
| A | Contractor's Profit                     |  |  | 10.00% | 10.00% | 10.00% | 10.00% |
| B | Contractor's Overhead and establishment |  |  | 3.50%  | 3.50%  | 3.50%  | 3.50%  |
| C | Vat                                     |  |  | 7.50%  | 7.50%  | 7.50%  | 7.50%  |

**10. Materials : Concrete**

|    |        |   |          |          |         |          |         |
|----|--------|---|----------|----------|---------|----------|---------|
| 1  | 10-040 | Bricks : 1st Class .....  | 1000 No. | 10000.00 | 9800.00 | 10000.00 | 9600.00 |
| 2  | 10-055 | Bricks : Picked Jhama .....   | 1000 No. | 10000.00 | 9800.00 | 10000.00 | 9600.00 |
| 3  | 10-100 | Ordinary Portland Cement, BDS-EN - 197-1-CEM-I ,52.5N (52.5MPa) / ASTM C-150 Type-I, 50 kg bag [Retail] | kg       | 9.80     | 9.80    | 9.80     | 9.80    |
| 4  | 10-205 | Lime, Slaked .....  | kg       | 25.00    | 25.00   | 25.00    | 25.00   |
| 5  | 10-350 | Local sand free from silt and clay  | cum      | 250.00   | 250.00  | 250.00   | 250.00  |
| 6  | 10-360 | Sand, FM >= 0.5 .....   | cum      | 540.00   | 545.00  | 540.00   | 540.00  |
| 7  | 10-365 | Sand, FM >= 0.8 .....   | cum      | 590.00   | 593.00  | 568.00   | 568.00  |
| 8  | 10-370 | Sand, FM >= 1.0 .....   | cum      | 750.00   | 756.00  | 731.00   | 731.00  |
| 9  | 10-372 | Sand (dry) and minimum 80% sand must be retained on sieve no 100  | cum      | 780.00   | 786.00  | 760.00   | 750.00  |
| 10 | 10-375 | Sand, FM >= 1.3 .....   | cum      | 850.00   | 830.00  | 835.00   | 820.00  |
| 11 | 10-380 | Sand, FM >= 1.5 .....   | cum      | 1100.00  | 1050.00 | 1075.00  | 1060.00 |

A series of handwritten signatures and initials are written over the bottom right portion of the table data. The signatures include 'K', 'S', 'A', 'R', 'C', 'B', 'D', 'E', 'F', 'G', 'H', 'I', 'J', 'L', 'M', 'N', and 'P'. There are also some smaller, less legible marks and arrows pointing towards specific cells in the last two rows of the table.

## BWDB Standard Schedule of Rates-2022

| SL No. | Element Code | Element Description                                    | Unit | Basic Element Rate (Tk.) |         |         |         |
|--------|--------------|--|------|--------------------------|---------|---------|---------|
|        |              |  |      | Zone A                   | Zone B  | Zone C  | Zone D  |
| 12     | 10-385       | Sand, FM >= 2.0 ... .... .... ....                     | cum  | 1800.00                  | 1736.00 | 1761.00 | 1740.00 |
| 13     | 10-390       | Sand, FM >= 2.5 ... .... .... ....                     | cum  | 1900.00                  | 1836.00 | 1861.00 | 1840.00 |
| 14     | 10-395       | Sand; FM => 3.0 ... .... .... ....                     | cum  | 2000.00                  | 1936.00 | 1961.00 | 1940.00 |
| 15     | 10-397       | Local Hard Rock: 60cm and above (Madhyapara, Dinajpur) | cum  | 7100.00                  | 8200.00 | 8200.00 | 6200.00 |
| 16     | 10-400       | Local Hard Rock: 45cm to 60cm (Madhyapara, Dinajpur)   | cum  | 7200.00                  | 8300.00 | 8300.00 | 6300.00 |
| 17     | 10-405       | Local Hard Rock: 30cm to 45cm (Madhyapara, Dinajpur)   | cum  | 7200.00                  | 8300.00 | 8300.00 | 6300.00 |
| 18     | 10-410       | Local Hard Rock: 22cm to 30cm (Madhyapara, Dinajpur)   | cum  | 7200.00                  | 8300.00 | 8300.00 | 6300.00 |
| 19     | 10-415       | Local Hard Rock: 15cm to 22cm (Madhyapara, Dinajpur)   | cum  | 7200.00                  | 8300.00 | 8300.00 | 6300.00 |
| 20     | 10-420       | Local Hard Rock: 10cm to 15cm (Madhyapara, Dinajpur)   | cum  | 7200.00                  | 8300.00 | 8300.00 | 6300.00 |
| 21     | 10-440       | Stone Boulders : 45cm and above. ....                  | cum  | 5800.00                  | 6400.00 | 4900.00 | 4900.00 |
| 22     | 10-445       | Stone Boulders : 30cm to 45cm .... ..                  | cum  | 5700.00                  | 6300.00 | 4800.00 | 4800.00 |
| 23     | 10-450       | Stone, Boulders : 22cm to 30cm .... ..                 | cum  | 5700.00                  | 6300.00 | 4800.00 | 4800.00 |
| 24     | 10-455       | Stone, Boulders : 15cm to 22cm .... ..                 | cum  | 5600.00                  | 6200.00 | 4700.00 | 4700.00 |
| 25     | 10-460       | Stone, Boulders : 10cm to 15cm .... ..                 | cum  | 5600.00                  | 6200.00 | 4700.00 | 4700.00 |
| 26     | 10-463       | 12 mm (1/2") down grade stone chips                    | cum  | 6300.00                  | 6350.00 | 6000.00 | 5830.00 |
| 27     | 10-465       | 19 mm (3/4") down grade crushed stone chips            | cum  | 7700.00                  | 7900.00 | 7050.00 | 6700.00 |
| 28     | 10-475       | Stone, Chips : 40mm down graded ....                   | cum  | 7650.00                  | 7850.00 | 7000.00 | 6650.00 |
| 29     | 10-478       | Stone, Chips : 40mm to 20mm, well graded               | cum  | 7500.00                  | 7700.00 | 7050.00 | 6700.00 |
| 30     | 10-480       | Stone, Chips : 50mm to 20mm, well graded               | cum  | 7500.00                  | 7700.00 | 7050.00 | 6700.00 |
| 31     | 10-495       | Stone, Pea Gravel : 6mm down graded ....               | cum  | 3300.00                  | 3500.00 | 3000.00 | 3000.00 |
| 32     | 10-500       | Stone, Shingles : 20mm down graded ....                | cum  | 5900.00                  | 6500.00 | 5000.00 | 5000.00 |
| 33     | 10-505       | Stone, Shingles : 40mm down graded ....                | cum  | 5900.00                  | 6500.00 | 5000.00 | 5000.00 |
| 34     | 10-512       | Stone, Gravels : 40mm to 20mm, well graded             | cum  | 4700.00                  | 5300.00 | 3800.00 | 3800.00 |
| 35     | 10-515       | Stone, Gravels : 50mm to 20mm, well graded             | cum  | 4700.00                  | 5300.00 | 3800.00 | 3800.00 |

BWDB Standard Schedule of Rates-2022

| SL No.                       | Element Code | Element Description   | Unit    | Basic Element Rate (Tk.) |          |          |          |
|------------------------------|--------------|---|---------|--------------------------|----------|----------|----------|
|                              |              |   |         | Zone A                   | Zone B   | Zone C   | Zone D   |
| <b>20. Materials : Misc.</b> |              |   |         |                          |          |          |          |
| 36                           | 20-049       | Kerosene  | ltr     | 109.00                   | 109.00   | 109.00   | 109.00   |
| 37                           | 20-050       | Water reducing and retarding admixture in concrete: Type - D          | ltr     | 210.00                   | 210.00   | 210.00   | 210.00   |
| 38                           | 20-055       | Bags, Gunny : 2nd Hand (50 kg)  | 100 No. | 2750.00                  | 2750.00  | 2750.00  | 2750.00  |
| 39                           | 20-060       | Bags, Gunny : 2nd Hand (75 kg) .. ....                                | 100 No. | 3520.00                  | 3520.00  | 3520.00  | 3520.00  |
| 40                           | 20-065       | Bags, Gunny : New (50 kg) ...   | 100 No. | 4500.00                  | 4500.00  | 4500.00  | 4500.00  |
| 41                           | 20-075       | Bags, Gunny : New (75 kg) .. .... ..                                  | 100 No. | 5100.00                  | 5100.00  | 5100.00  | 5100.00  |
| 42                           | 20-080       | Bags : Synthetic (50 kg)  | 100 No. | 1900.00                  | 1900.00  | 1900.00  | 1900.00  |
| 43                           | 20-085       | Bags : Synthetic (75 kg).....   | 100 No. | 2400.00                  | 2400.00  | 2400.00  | 2400.00  |
| 44                           | 20-090       | Hessian cloth .. .... .. ....   | sqm     | 25.00                    | 25.00    | 25.00    | 25.00    |
| 45                           | 20-125       | Bitumen : 80/100 .. .... .. ....                                      | kg      | 65.00                    | 65.00    | 65.00    | 65.00    |
| ✓ 46                         | 20-200       | Coal Tar .. .... .. ....  | kg      | 70.00                    | 70.00    | 70.00    | 70.00    |
| ✓ 47                         | 20-205       | Coal Tar : Epoxy .. .... .. ....                                      | ltr     | 450.00                   | 450.00   | 450.00   | 450.00   |
| 48                           | 20-220       | Coconut Plant (1.0m height) .. ....                                   | 100 No. | 13000.00                 | 13000.00 | 13000.00 | 13000.00 |
| 49                           | 20-230       | Cow dung .. .... .. ....  | kg      | 1.50                     | 1.50     | 1.50     | 1.50     |
| 50                           | 20-240       | Daow .. .... .. ....  | No.     | 300.00                   | 300.00   | 300.00   | 300.00   |
| ✓ 51                         | 20-241       | Engiene Oil   | ltr     | 435.00                   | 435.00   | 435.00   | 435.00   |
| ✓ 52                         | 20-242       | Hydraulic Oil   | ltr     | 315.00                   | 315.00   | 315.00   | 315.00   |
| ✓ 53                         | 20-243       | Gear Oil  | ltr     | 360.00                   | 360.00   | 360.00   | 360.00   |
| ✓ 54                         | 20-244       | Grease Oil  | ltr     | 750.00                   | 750.00   | 750.00   | 750.00   |
| 55                           | 20-245       | Diesel/ Fuel .. .... .. ....  | ltr     | 109.00                   | 109.00   | 109.00   | 109.00   |
| 56                           | 20-246       | Earth Oil .. .... .. ....   | ltr     | 55.00                    | 55.00    | 55.00    | 55.00    |
| 57                           | 20-247       | Cardium Compound  | ltr     | 306.00                   | 306.00   | 306.00   | 306.00   |
| 58                           | 20-248       | Octane/Fuel   | ltr     | 130.00                   | 130.00   | 130.00   | 130.00   |
| 59                           | 20-249       | Petrol/Fuel   | ltr     | 125.00                   | 125.00   | 125.00   | 125.00   |
| ✓ 60                         | 20-265       | Gas, Acetylene .. .... .. ....  | cum     | 661.18                   | 661.18   | 661.18   | 661.18   |
| ✓ 61                         | 20-266       | Gas, Oxygen .. .... .. ....   | cum     | 35.65                    | 35.65    | 35.65    | 35.65    |
| 62                           | 20-270       | Grinding Disc (6mmx180mm) .. ....                                     | No.     | 120.00                   | 120.00   | 120.00   | 120.00   |
| ✓ 63                         | 20-275       | Golpata .. .... .. ....   | No.     | 8.80                     | 8.80     | 8.80     | 8.80     |
| 64                           | 20-276       | Geotex. Filter (Polyester) : thick>=4.0mm; mass>550 gm/m <sup>2</sup> | sqm     | 110.00                   | 110.00   | 110.00   | 110.00   |
| 65                           | 20-277       | Geotex. Filter (Polyester) : thick>=3.0mm; mass>400 gm/m <sup>2</sup> | sqm     | 90.00                    | 90.00    | 90.00    | 90.00    |

✓ 40 ✓ 41 ✓ 42 ✓ 43 ✓ 44 ✓ 45 ✓ 46 ✓ 47 ✓ 48 ✓ 49 ✓ 50 ✓ 51 ✓ 52 ✓ 53 ✓ 54 ✓ 55 ✓ 56 ✓ 57 ✓ 58 ✓ 59 ✓ 60 ✓ 61 ✓ 62 ✓ 63 ✓ 64 ✓ 65

**BWDB Standard Schedule of Rates-2022**

| SL No. | Element Code | Element Description   | Unit    | Basic Element Rate (Tk.) |         |         |         |
|--------|--------------|---|---------|--------------------------|---------|---------|---------|
|        |              |   |         | Zone A                   | Zone B  | Zone C  | Zone D  |
| 66     | 20-278       | Geotex. Filter : thick>=1.5mm; mass>200gm/m <sup>2</sup>                  | sqm     | 75.00                    | 75.00   | 75.00   | 75.00   |
| 67     | 20-280       | Geotex. Filter : thick>=2.0mm; mass>300 gm/m <sup>2</sup> ; EoS <=0.11 mm | sqm     | 102.00                   | 102.00  | 102.00  | 102.00  |
| 68     | 20-281       | Geotex. Filter : thick>=2.5mm; mass>350gm/m <sup>2</sup>                  | sqm     | 115.00                   | 115.00  | 115.00  | 115.00  |
| 69     | 20-282       | Geotex. Filter : thick>=3.0mm; mass>400 gm/m <sup>2</sup> ; EOS<=0.075 mm | sqm     | 125.00                   | 125.00  | 125.00  | 125.00  |
| 70     | 20-283       | Geotex. Filter : thick>=4mm; mass>=550gm/m <sup>2</sup>                   | sqm     | 160.00                   | 160.00  | 160.00  | 160.00  |
| 71     | 20-284       | Geotex. Filter (Polyester) : thick>=2.0mm; mass>300 gm/m <sup>2</sup>     | sqm     | 80.00                    | 80.00   | 80.00   | 80.00   |
| 72     | 20-285       | Jute Geotextile : mass >= 627 gm/m <sup>2</sup> ; thickness >= 2.00 mm    | sqm     | 108.90                   | 108.90  | 108.90  | 108.90  |
| 73     | 20-286       | Geotex. Filter : thick>=4.5mm; mass>=600gm/m <sup>2</sup>                 | sqm     | 180.00                   | 180.00  | 180.00  | 180.00  |
| 74     | 20-287       | Geotex. Filter (Polyester) : thick>=4.5mm; mass>600 gm/m <sup>2</sup>     | sqm     | 120.00                   | 120.00  | 120.00  | 120.00  |
| 75     | 20-288       | Geotube: Woven fabric with non-woven liner                                | sqm     | 530.00                   | 530.00  | 530.00  | 530.00  |
| 76     | 20-290       | Thread Tape .. . . . .  | m       | 25.00                    | 25.00   | 25.00   | 25.00   |
| 77     | 20-295       | Thread, Red & White (Thread Ball) .. .                                    | 100 m   | 50.00                    | 50.00   | 50.00   | 50.00   |
| 78     | 20-300       | Linseed Oil .. . . . .  | ltr     | 120.00                   | 120.00  | 120.00  | 120.00  |
| 79     | 20-305       | Hydraulic Oil: best quality (Higher grade)                                | ltr     | 400.00                   | 400.00  | 400.00  | 400.00  |
| 80     | 20-310       | Lubricant (Higher Grade of viscosity), Best Quality                       | ltr     | 500.00                   | 500.00  | 500.00  | 500.00  |
| 81     | 20-315       | Grease, best quality (Higher grade)                                       | kg      | 660.00                   | 660.00  | 660.00  | 660.00  |
| 82     | 20-325       | Mehogani/ Fruit plant (1.00m height) ...                                  | 100 No. | 2160.00                  | 2160.00 | 2160.00 | 2160.00 |
| 83     | 20-330       | Nirani .. . . . .   | No.     | 150.00                   | 150.00  | 150.00  | 150.00  |
| 84     | 20-375       | Anti corrosive epoxy paint  | ltr     | 950.00                   | 950.00  | 950.00  | 950.00  |
| 85     | 20-380       | Paint: Zinc Phosphate Primer  | ltr     | 580.00                   | 580.00  | 580.00  | 580.00  |
| 86     | 20-417       | Paint : Ready Mixed .. . . . .  | ltr     | 270.00                   | 270.00  | 270.00  | 270.00  |
| 87     | 20-420       | Anti corrosive red oxide paint  | kg      | 180.00                   | 180.00  | 180.00  | 180.00  |
| 88     | 20-425       | Paint : Snow Cem .. . . . .   | kg      | 90.00                    | 90.00   | 90.00   | 90.00   |
| 89     | 20-430       | Spirit : Polish/ Varnish/ French Polish.                                  | ltr     | 240.00                   | 240.00  | 240.00  | 240.00  |
| 90     | 20-435       | Paint : Synthetic Enamel .. . . .   | ltr     | 220.00                   | 220.00  | 220.00  | 220.00  |
| 91     | 20-440       | Paint : terpentine (terpin) .. . .  | ltr     | 130.00                   | 130.00  | 130.00  | 130.00  |
| 92     | 20-445       | Paint : Thinner .. . . . .  | ltr     | 208.00                   | 208.00  | 208.00  | 208.00  |
| 93     | 20-448       | Paint : Thinner, Epoxy .. . . . .   | ltr     | 300.00                   | 300.00  | 300.00  | 300.00  |
| 94     | 20-455       | Power Consumption. .. . . . .   | KWH     | 11.00                    | 11.00   | 11.00   | 11.00   |


 K. S. Ch. & R. C. M. A. P. S. J. H. M. N. 26

BWDB Standard Schedule of Rates-2022

| SL No. | Element Code | Element Description                                       | Unit    | Basic Element Rate (Tk.) |        |        |        |
|--------|--------------|---|---------|--------------------------|--------|--------|--------|
|        |              |   |         | Zone A                   | Zone B | Zone C | Zone D |
| 95     | 20-495       | Polythene Sheet : (1.0 kg per 6.50 sqm).                  | sqm     | 30.00                    | 30.00  | 30.00  | 30.00  |
| 96     | 20-500       | Polythene Sheet : (1.0 kg per 16.00 sqm)                  | sqm     | 20.00                    | 20.00  | 20.00  | 20.00  |
| 97     | 20-505       | Putty .. .... .. .... .. ....                             | kg      | 107.00                   | 107.00 | 107.00 | 107.00 |
| 98     | 20-512       | Rubber Seal : W=75mm, T=12mm, B=25mm..                    | m       | 450.00                   | 450.00 | 450.00 | 450.00 |
| 99     | 20-514       | Rubber Seal : W=100mm, T=16mm, B=45mm...                  | m       | 500.00                   | 500.00 | 500.00 | 500.00 |
| 100    | 20-516       | Rubber Seal : P-type ( $\phi$ 28mm x 53mm x 15mm)         | m       | 400.00                   | 400.00 | 400.00 | 400.00 |
| 101    | 20-519       | Rubber Seal : U-type ( $\phi$ 25mm x 84mm x 15mm)         | m       | 430.00                   | 430.00 | 430.00 | 430.00 |
| 102    | 20-525       | Rope : Coir String .. .... .. .... .. ....                | kg      | 96.00                    | 96.00  | 96.00  | 96.00  |
| 103    | 20-530       | Rope : Jute .. .... .. .... .. ....                       | kg      | 55.00                    | 55.00  | 55.00  | 55.00  |
| 104    | 20-535       | Rope : Jute String .. .... .. .... .. ....                | kg      | 80.00                    | 80.00  | 80.00  | 80.00  |
| 105    | 20-540       | Polypropylene/ Nylon thread                               | 100 m   | 30.00                    | 30.00  | 30.00  | 30.00  |
| 106    | 20-545       | Rope, Nylon .. .... .. .... .. ....                       | kg      | 154.00                   | 154.00 | 154.00 | 154.00 |
| 107    | 20-550       | Rope, Nylon: 10 mm dia, 64 gm/m                           | kg      | 165.00                   | 165.00 | 165.00 | 165.00 |
| 108    | 20-556       | Rope, Nylon : 6mm dia .. .... .. ....                     | kg      | 154.00                   | 154.00 | 154.00 | 154.00 |
| 109    | 20-557       | Rope, Nylon : 12mm dia .. .... .. ....                    | 100 m   | 420.00                   | 420.00 | 420.00 | 420.00 |
| 110    | 20-560       | Royalty of Earth .. .... .. .... .. ....                  | cum     | 18.00                    | 18.00  | 18.00  | 18.00  |
| 111    | 20-562       | Turfing Sod .. .... .. .... .. ....                       | sqm     | 10.00                    | 10.00  | 10.00  | 10.00  |
| 112    | 20-563       | Dhokalmi .. .... .. .... .. ....                          | 100 Nos | 13.00                    | 13.00  | 13.00  | 13.00  |
| 113    | 20-564       | Vetiver/Napier/Hogla/Chhon Grass Tiller.....              | sqm     | 12.00                    | 12.00  | 12.00  | 12.00  |
| 114    | 20-590       | Emery Paper .. .... .. .... .. ....                       | No.     | 25.00                    | 25.00  | 25.00  | 25.00  |
| 115    | 20-600       | Sand Paper .. .... .. .... .. ....                        | No.     | 16.00                    | 16.00  | 16.00  | 16.00  |
| 116    | 20-605       | Printing : Black & White                                  | day     | 5.00                     | 5.00   | 5.00   | 5.00   |
| 117    | 20-610       | Salt .. .... .. .... .. .... .. ....                      | kg      | 35.00                    | 35.00  | 35.00  | 35.00  |
| 118    | 20-612       | Straw : 0.9m dia, 1.20m long bundle ....                  | bnd     | 100.00                   | 100.00 | 100.00 | 100.00 |
| 119    | 20-615       | Urea fertilizer   | kg      | 25.00                    | 25.00  | 25.00  | 25.00  |
| 120    | 20-620       | PVC water stopper (with centre bulb)                      | m       | 590.00                   | 590.00 | 590.00 | 590.00 |
| 121    | 20-625       | Water stop, PVC : 230mm, Corrugated with central bulb.... | m       | 590.00                   | 590.00 | 590.00 | 590.00 |
| 122    | 20-630       | Water Sprayer .. .... .. .... .. ....                     | No.     | 180.00                   | 180.00 | 180.00 | 180.00 |
| 123    | 20-655       | Kerosene Tin : Empty .. .... .. .... .. ....              | No.     | 66.00                    | 66.00  | 66.00  | 66.00  |
| 124    | 20-660       | Cork/Polyesterene Sheet : 25mm thick ....                 | sqm     | 88.00                    | 88.00  | 88.00  | 88.00  |

K (S) Ch. @ 2000 ~~2000~~   
 S A d. K E S. M. R. 200

## BWDB Standard Schedule of Rates-2022

| SL No. | Element Code | Element Description                      | Unit | Basic Element Rate (Tk.) |        |        |        |
|--------|--------------|--|------|--------------------------|--------|--------|--------|
|        |              |  |      | Zone A                   | Zone B | Zone C | Zone D |
| 125    | 20-665       | Cork /Polysterene Sheet : 20mm thick ... | sqm  | 71.00                    | 71.00  | 71.00  | 71.00  |

### **30. Wood Work**

## 40. Metal Work

BWDB Standard Schedule of Rates-2022

| SL No. | Element Code | Element Description                               | Unit | Basic Element Rate (Tk.) |          |          |          |
|--------|--------------|---|------|--------------------------|----------|----------|----------|
|        |              |   |      | Zone A                   | Zone B   | Zone C   | Zone D   |
| 149    | 40-020       | Angle, M.S. .... .....                            | kg   | 76.00                    | 76.00    | 76.00    | 76.00    |
| 150    | 40-030       | Bar, Flat, M.S. .... .....                        | kg   | 70.00                    | 70.00    | 70.00    | 70.00    |
| 151    | 40-122       | Drum Sheet .... .....                             | sqm  | 260.00                   | 260.00   | 260.00   | 260.00   |
| 152    | 40-130       | Electrode MS, Vortic Marine, 2.5mm dia..          | pkt  | 720.00                   | 720.00   | 720.00   | 720.00   |
| 153    | 40-135       | Electrode MS, Vortic Marine, 4mm dia....          | pkt  | 750.00                   | 750.00   | 750.00   | 750.00   |
| 154    | 40-200       | Gazal, all Sizes .... .....                       | kg   | 150.00                   | 150.00   | 150.00   | 150.00   |
| 155    | 40-222       | Hinge Hook, Steel, 460mm long .... .....          | No.  | 190.00                   | 190.00   | 190.00   | 190.00   |
| 156    | 40-230       | Iron Clamp, 450mm x 50mm x 9mm .....              | No.  | 84.00                    | 84.00    | 84.00    | 84.00    |
| 157    | 40-252       | Lead Plate .... .....                             | kg   | 200.00                   | 200.00   | 200.00   | 200.00   |
| 158    | 40-300       | Nails, all Sizes .... .....                       | kg   | 160.00                   | 160.00   | 160.00   | 160.00   |
| 159    | 40-305       | Nails; 125mm to 150mm. .... .....                 | kg   | 160.00                   | 160.00   | 160.00   | 160.00   |
| 160    | 40-310       | Nails; 37mm to 125mm .... .....                   | kg   | 160.00                   | 160.00   | 160.00   | 160.00   |
| 161    | 40-362       | Nuts & Bolts, M.S., 25mm                          | kg   | 160.00                   | 160.00   | 160.00   | 160.00   |
| 162    | 40-365       | Nuts & Bolts, 13mm and below .... .....           | kg   | 160.00                   | 160.00   | 160.00   | 160.00   |
| 163    | 40-370       | Nuts & Bolts, above 13mm .... .....               | kg   | 160.00                   | 160.00   | 160.00   | 160.00   |
| 164    | 40-371       | Nuts & Bolts, SS, above 13mm (SUS-304)            | kg   | 450.00                   | 450.00   | 450.00   | 450.00   |
| 165    | 40-372       | Nuts & Hinge Pin, Hex Head SS, 25mmx150mm         | No.  | 120.00                   | 120.00   | 120.00   | 120.00   |
| 166    | 40-373       | Nuts & Bolts, Counter Sink MS, 9mmx50mm.          | No.  | 18.00                    | 18.00    | 18.00    | 18.00    |
| 167    | 40-374       | Nuts & Bolts, Counter Shank SS, 10mm x 55mm       | No.  | 30.00                    | 30.00    | 30.00    | 30.00    |
| 168    | 40-375       | Nuts & Bolts; 610mm x 51mm x 13mm .....           | kg   | 160.00                   | 160.00   | 160.00   | 160.00   |
| 169    | 40-377       | Nuts & Hinge Pin, Hex Head SS, $\phi$ 35mm, 150mm | No.  | 510.00                   | 510.00   | 510.00   | 510.00   |
| 170    | 40-380       | Pipe, M.S. 6mm thick, 400mm dia. .... .....       | m    | 7854.00                  | 7854.00  | 7854.00  | 7854.00  |
| 171    | 40-390       | Pipe, M.S. 6mm thick, 500mm dia. .... .....       | m    | 9800.00                  | 9800.00  | 9800.00  | 9800.00  |
| 172    | 40-395       | Pipe, M.S. 6mm thick, 600mm dia. .... .....       | m    | 11760.00                 | 11760.00 | 11760.00 | 11760.00 |
| 173    | 40-398       | Pipe, M.S. 6mm thick, 700mm dia. .... .....       | m    | 13720.00                 | 13720.00 | 13720.00 | 13720.00 |
| 174    | 40-400       | Pipe, M.S. 6mm thick, 800mm dia. .... .....       | m    | 15680.00                 | 15680.00 | 15680.00 | 15680.00 |

A series of handwritten signatures and initials are written over the bottom right corner of the table. The signatures include 'K', 'O', 'A', 'B', 'C', 'R', 'D', 'E', 'F', 'G', 'H', 'I', 'J', 'L', 'M', 'N', 'P', 'Q', 'S', 'T', 'U', 'V', 'W', 'X', 'Y', 'Z', 'AA', 'BB', 'CC', 'DD', 'EE', 'FF', 'GG', 'HH', 'II', 'JJ', 'KK', 'LL', 'MM', 'NN', 'OO', 'PP', 'QQ', 'RR', 'SS', 'TT', 'UU', 'VV', 'WW', 'XX', 'YY', 'ZZ'. There are also some smaller, less legible marks and arrows.

BWDB Standard Schedule of Rates-2022

| SL No. | Element Code | Element Description                       | Unit | Basic Element Rate (Tk.) |          |          |          |
|--------|--------------|---|------|--------------------------|----------|----------|----------|
|        |              |   |      | Zone A                   | Zone B   | Zone C   | Zone D   |
| 175    | 40-405       | Pipe, M.S. 6mm thick, 900mm dia. ....     | m    | 17640.00                 | 17640.00 | 17640.00 | 17640.00 |
| 176    | 40-406       | Pipe, M.S. 6mm thick, 250mm dia           | m    | 4900.00                  | 4900.00  | 4900.00  | 4900.00  |
| 177    | 40-407       | Pipe, M.S. 6mm thick, 200mm dia           | m    | 4010.00                  | 4010.00  | 4010.00  | 4010.00  |
| 178    | 40-415       | Plate, S.S. 15mm. (SUS-304)               | kg   | 450.00                   | 450.00   | 450.00   | 450.00   |
| 179    | 40-420       | Plate, S.S. 6mm ((SUS-304))               | kg   | 450.00                   | 450.00   | 450.00   | 450.00   |
| 180    | 40-425       | Plate, M.S. 20mm (345 Mpa)                | kg   | 77.00                    | 77.00    | 77.00    | 77.00    |
| 181    | 40-426       | Plate, M.S. 16mm (345 Mpa)                | kg   | 77.00                    | 77.00    | 77.00    | 77.00    |
| 182    | 40-427       | Plate, M.S. 10mm(345 Mpa)                 | kg   | 77.00                    | 77.00    | 77.00    | 77.00    |
| 183    | 40-428       | Plate, M.S. 12mm(345 Mpa)                 | kg   | 77.00                    | 77.00    | 77.00    | 77.00    |
| 184    | 40-429       | Plate, M.S. 9mm(345 Mpa)                  | kg   | 77.00                    | 77.00    | 77.00    | 77.00    |
| 185    | 40-430       | Plate, M.S., 8mm(345 Mpa)                 | kg   | 77.00                    | 77.00    | 77.00    | 77.00    |
| 186    | 40-435       | Plate, M.S. 6mm(345 Mpa)                  | kg   | 77.00                    | 77.00    | 77.00    | 77.00    |
| 187    | 40-445       | M.S. Threaded Shaft, dia=63mm, L=6m. .... | No.  | 15967.60                 | 15967.60 | 15967.60 | 15967.60 |
| 188    | 40-446       | Lift Nut (Bronze) D=146mm, L=200mm. ....  | No.  | 11000.00                 | 11000.00 | 11000.00 | 11000.00 |
| 189    | 40-447       | Bevel Gear, 315 BHN Steel, D=306mm. ....  | No.  | 5800.00                  | 5800.00  | 5800.00  | 5800.00  |
| 190    | 40-448       | Thrust Bearing Out D=184mm, BHN No=625..  | No.  | 2800.00                  | 2800.00  | 2800.00  | 2800.00  |
| 191    | 40-449       | Rein Shield (Cast Iron) Dia=152mm. ....   | No.  | 375.00                   | 375.00   | 375.00   | 375.00   |
| 192    | 40-450       | M.S. Hex. Stop Nut, Dia=63mm. ....        | No.  | 1050.00                  | 1050.00  | 1050.00  | 1050.00  |
| 193    | 40-451       | M.S. Bevel Pinion & Shaft, D=75mm, 15T..  | No.  | 3000.00                  | 3000.00  | 3000.00  | 3000.00  |
| 194    | 40-452       | C.I. Spur Gear D=300mm, 60T. ....         | No.  | 3800.00                  | 3800.00  | 3800.00  | 3800.00  |
| 195    | 40-453       | M.S. Spur Pinion, D=300mm, 15T. ....      | No.  | 1500.00                  | 1500.00  | 1500.00  | 1500.00  |
| 196    | 40-454       | M.S. Spur Pinion Shaft, D=40mm, L=470mm.  | No.  | 840.00                   | 840.00   | 840.00   | 840.00   |
| 197    | 40-455       | C.I. Gear Cover, D=381mm, H=63mm. ....    | No.  | 2000.00                  | 2000.00  | 2000.00  | 2000.00  |
| 198    | 40-456       | C.I. Bowl, D=419mm. ....                  | No.  | 10963.70                 | 10963.70 | 10963.70 | 10963.70 |
| 199    | 40-457       | Grease Fittings. ....                     | No.  | 36.00                    | 36.00    | 36.00    | 36.00    |
| 200    | 40-458       | Bronze Bushing, D=54mm, L=85.7mm ....     | No.  | 650.00                   | 650.00   | 650.00   | 650.00   |
| 201    | 40-459       | Bronze Bushing, D=42.8mm, L=85.7mm ..     | No.  | 430.00                   | 430.00   | 430.00   | 430.00   |
| 202    | 40-460       | Bronze Bushing, D=54mm, L=25mm ..         | No.  | 380.00                   | 380.00   | 380.00   | 380.00   |

K R B S E D C H M N P

**BWDB Standard Schedule of Rates-2022**

| SL No. | Element Code | Element Description                              | Unit | Basic Element Rate (Tk.) |         |         |         |
|--------|--------------|--|------|--------------------------|---------|---------|---------|
|        |              |  |      | Zone A                   | Zone B  | Zone C  | Zone D  |
| 203    | 40-461       | M.S. Key,<br>6x4.76x38mm. .... .....             | No.  | 60.00                    | 60.00   | 60.00   | 60.00   |
| 204    | 40-462       | M.S. Key,<br>25x14x47.6mm. .... .....            | No.  | 120.00                   | 120.00  | 120.00  | 120.00  |
| 205    | 40-463       | M.S. Cap Screw, Hex. Head,<br>D=19mm, L=50mm     | No.  | 25.00                    | 25.00   | 25.00   | 25.00   |
| 206    | 40-464       | M.S. Set Screw, Allen Head<br>D=6mm, L=22mm.     | No.  | 27.00                    | 27.00   | 27.00   | 27.00   |
| 207    | 40-465       | M.S. Cap Screw, Hex. Head<br>D=6mm, L=17.5mm     | No.  | 22.00                    | 22.00   | 22.00   | 22.00   |
| 208    | 40-466       | M.S. Cap Screw, Hex. Head<br>D=13mm, L=25mm.     | No.  | 23.00                    | 23.00   | 23.00   | 23.00   |
| 209    | 40-467       | M.S. Set Screw, Sq. Head D=9.5,<br>L=17.5mm.     | No.  | 25.00                    | 25.00   | 25.00   | 25.00   |
| 210    | 40-468       | M.S. Set Screw, Sq. Head D=9.5,<br>L=19mm...     | No.  | 35.00                    | 35.00   | 35.00   | 35.00   |
| 211    | 40-469       | M.S. Cap Screw, D=9.5,<br>L=25mm. .... .....     | No.  | 35.00                    | 35.00   | 35.00   | 35.00   |
| 212    | 40-470       | M.S. Cap Screw, Flat Head D=6,<br>L=16mm...      | No.  | 30.00                    | 30.00   | 30.00   | 30.00   |
| 213    | 40-471       | M.S. Lock Washer, D=40mm,<br>T=5mm. .... .....   | No.  | 40.00                    | 40.00   | 40.00   | 40.00   |
| 214    | 40-472       | Bronze Lock Washer, D=73mm,<br>T=3mm. .... ..... | No.  | 231.00                   | 231.00  | 231.00  | 231.00  |
| 215    | 40-473       | Crank, M.S. .... .....                           | No.  | 1432.20                  | 1432.20 | 1432.20 | 1432.20 |
| 216    | 40-474       | Pedestal, M.S. D=200/250mm,<br>L=760mm           | No.  | 8913.30                  | 8913.30 | 8913.30 | 8913.30 |
| 217    | 40-475       | M.S. Bolt & Nut D=16mm,<br>L=50mm. .... .....    | No.  | 16.00                    | 16.00   | 16.00   | 16.00   |
| 218    | 40-476       | C.I. Wall Bracket. .... .....                    | No.  | 2000.00                  | 2000.00 | 2000.00 | 2000.00 |
| 219    | 40-477       | C.I. Guide Valve. .... .....                     | No.  | 840.00                   | 840.00  | 840.00  | 840.00  |
| 220    | 40-480       | Hand Wheel, C.I. Out D=<br>760mm. .... .....     | No.  | 4000.00                  | 4000.00 | 4000.00 | 4000.00 |
| 221    | 40-481       | B. Cover Top, C.I. D=190, T=21,<br>H=106mm.      | No.  | 4700.00                  | 4700.00 | 4700.00 | 4700.00 |
| 222    | 40-482       | Lift Nut, Bronze, Sq.T, D=108,<br>H=222mm..      | No.  | 9000.00                  | 9000.00 | 9000.00 | 9000.00 |
| 223    | 40-483       | Lift Screw M.S. Sq.T, D=38,<br>L=1825mm ...      | No.  | 2400.00                  | 2400.00 | 2400.00 | 2400.00 |
| 224    | 40-484       | Padestal Welded MS. D=140,<br>L=680, T=6mm.      | No.  | 1500.00                  | 1500.00 | 1500.00 | 1500.00 |
| 225    | 40-490       | Bronze Bushing, D=35mm,<br>L=25mm ... .....      | kg   | 150.00                   | 150.00  | 150.00  | 150.00  |

K 80 R 200 W 1000  
 S 200 D 100 E 1000  
 A 100 Q 1000  
 F 100 G 100 H 1000  
 J 100 I 1000  
 L 1000 M 1000 N 1000  
 P 1000 R 1000 S 1000  
 T 1000 U 1000 V 1000  
 X 1000 Y 1000 Z 1000

## BWDB Standard Schedule of Rates-2022

| SL No. | Element Code | Element Description   | Unit    | Basic Element Rate (Tk.) |          |          |          |
|--------|--------------|---|---------|--------------------------|----------|----------|----------|
|        |              |   |         | Zone A                   | Zone B   | Zone C   | Zone D   |
| 226    | 40-495       | Lifting Hock, SS, φ 20mm Bar, Length 250 mm   | No.     | 605.00                   | 605.00   | 605.00   | 605.00   |
| 227    | 40-530       | Rod; MS. Plain (Fy=300N/mm^2, billet): Above 30mm   | kg      | 65.00                    | 65.00    | 65.00    | 65.00    |
| 228    | 40-535       | Rod; MS. Plain (Fy=300N/mm^2, billet): 9mm to 30mm  | kg      | 65.00                    | 65.00    | 65.00    | 65.00    |
| 229    | 40-540       | Rod; MS. Plain (Fy=300N/mm^2, billet): 6mm dia  | kg      | 65.00                    | 65.00    | 65.00    | 65.00    |
| 230    | 40-585       | Screw, 25mm (MS. .... .... ....)  | dzn     | 9.00                     | 9.00     | 9.00     | 9.00     |
| 231    | 40-590       | Screw, 37mm (MS) .... .... ....   | dzn     | 8.60                     | 8.60     | 8.60     | 8.60     |
| 232    | 40-645       | Sheet, Plain, G.I. 16 BWG .... ....   | sqm     | 800.00                   | 800.00   | 800.00   | 800.00   |
| 233    | 40-675       | Sheet, Plain, G.I. 28 BWG .... ....   | sqm     | 175.00                   | 175.00   | 175.00   | 175.00   |
| 234    | 40-680       | U-shape hot rolled steel sheet pile   | m.t     | 95000.00                 | 95000.00 | 95000.00 | 95000.00 |
| 235    | 40-681       | Plastic sheet pile, Thickness>=9.0 mm   | sqm     | 9800.00                  | 9800.00  | 9800.00  | 9800.00  |
| 236    | 40-715       | Steel Brush .... .... ....  | No.     | 48.00                    | 48.00    | 48.00    | 48.00    |
| 237    | 40-740       | Welding Arc .... .... ....  | 100 pnt | 300.00                   | 300.00   | 300.00   | 300.00   |
| 238    | 40-742       | Welding Arc. .... .... ....   | m       | 180.00                   | 180.00   | 180.00   | 180.00   |
| 239    | 40-755       | Wire, G.I. 12 BWG .... ....   | kg      | 120.00                   | 120.00   | 120.00   | 120.00   |
| 240    | 40-760       | Wire, G.I. 14/16 BWG .... ....  | kg      | 120.00                   | 120.00   | 120.00   | 120.00   |
| 241    | 40-775       | Wire, G.I. 24 BWG .... ....   | kg      | 120.00                   | 120.00   | 120.00   | 120.00   |
| 242    | 40-800       | Rubber Gasket for Shore Pipe of 26" Dredger: Inner Dia - 650 mm, Outer Dia - 800mm and Thickness - 10mm | No      | 700.00                   | 700.00   | 700.00   | 700.00   |
| 243    | 40-801       | Rubber Gasket for Shore Pipe of 20" Dredger: Inner Dia - 500 mm, Outer Dia - 650mm and Thickness - 6mm  | No      | 500.00                   | 500.00   | 500.00   | 500.00   |
| 244    | 40-802       | Rubber Gasket for Shore Pipe of 18" Dredger: Inner Dia - 450 mm, Outer Dia - 600mm and Thickness - 6mm  | No      | 400.00                   | 400.00   | 400.00   | 400.00   |
| 245    | 40-805       | Rubber Gasket for Shore Pipe of 12" Dredger: Inner Dia - 300 mm, Outer Dia - 420mm and Thickness - 5mm  | No      | 300.00                   | 300.00   | 300.00   | 300.00   |
| 246    | 40-810       | Nut-bolt for Shore Pipe of 26" Dredger, Dia 25 mm, L=115 mm.(500gm/pc)                                  | kg      | 160.00                   | 160.00   | 160.00   | 160.00   |
| 247    | 40-811       | Nut-bolt for Shore Pipe of 20" Dredger, Dia 20 mm, L=100 mm.(300gm/pc)                                  | kg      | 160.00                   | 160.00   | 160.00   | 160.00   |
| 248    | 40-812       | Nut-bolt for Shore Pipe of 18" Dredger, Dia 16 mm, L=100 mm. (200 gm/pc)                                | kg      | 160.00                   | 160.00   | 160.00   | 160.00   |

K ~~is~~ like a car that goes to S to D. It can go to H or R.

**BWDB Standard Schedule of Rates-2022**

| SL No. | Element Code | Element Description  | Unit | Basic Element Rate (Tk.) |         |         |         |
|--------|--------------|--|------|--------------------------|---------|---------|---------|
|        |              |  |      | Zone A                   | Zone B  | Zone C  | Zone D  |
| 249    | 40-815       | Nut-bolt for Shore Pipe of 12" Dredger, Dia 12 mm, L=100 mm.(125gm/pc) | kg   | 160.00                   | 160.00  | 160.00  | 160.00  |
| 250    | 40-855       | Wire Mesh, 20mm, 18BWG   | sqm  | 215.00                   | 215.00  | 215.00  | 215.00  |
| 251    | 40-951       | Bearing Plate (MS) .....   | kg   | 100.00                   | 100.00  | 100.00  | 100.00  |
| 252    | 40-952       | Hinge Bars (MS). ....  | kg   | 160.00                   | 160.00  | 160.00  | 160.00  |
| 253    | 40-955       | M.S.Key; 13mm x 9mm x 75mm. ....                                       | No.  | 120.00                   | 120.00  | 120.00  | 120.00  |
| 254    | 40-970       | Square Head Slotted Bolt, 9mm dia, ....                                | No.  | 11.50                    | 11.50   | 11.50   | 11.50   |
| 255    | 40-985       | Cast Iron Bearing Plate, 267mm dia, 20mm thk                           | No.  | 1200.00                  | 1200.00 | 1200.00 | 1200.00 |
| 256    | 40-990       | Tapered Roller Bearing, SKF No. 50216 ....                             | No.  | 1000.00                  | 1000.00 | 1000.00 | 1000.00 |
| 257    | 40-995       | M.S. Pin, 6mm dia. ....  | No.  | 10.00                    | 10.00   | 10.00   | 10.00   |
| 258    | 40-996       | Split Pin, S.S., 6mm dia, Length=25 mm                                 | No.  | 15.00                    | 15.00   | 15.00   | 15.00   |
| 259    | 40-997       | M.S. Luck Bar ....   | kg   | 72.00                    | 72.00   | 72.00   | 72.00   |

**50. Plumbing Work**

|     |        |   |     |         |         |         |         |
|-----|--------|---|-----|---------|---------|---------|---------|
| 260 | 50-370 | Cover, G.I, 38mm dia. ....                        | No. | 120.00  | 120.00  | 120.00  | 120.00  |
| 261 | 50-410 | Pipe, G.I., 38mm dia .....                        | m   | 650.00  | 650.00  | 650.00  | 650.00  |
| 262 | 50-429 | Pipe, M.S., 38mm dia .....                        | m   | 440.00  | 440.00  | 440.00  | 440.00  |
| 263 | 50-441 | Pipe, P.V.C., 38mm dia .....                      | m   | 110.00  | 110.00  | 110.00  | 110.00  |
| 264 | 50-496 | Socket, G.I., 38mm dia .....                      | No. | 90.00   | 90.00   | 90.00   | 90.00   |
| 265 | 50-778 | Tube Well, Pump No. 6 .....                       | No. | 2500.00 | 2500.00 | 2500.00 | 2500.00 |
| 266 | 50-784 | Tube Well, Strainer, Brass , 38mm dia (Slot: 15%) | No. | 500.00  | 500.00  | 500.00  | 500.00  |
| 267 | 50-785 | Tube Well, Strainer, P.V.C., 38mm dia (Slot: 15%) | No. | 400.00  | 400.00  | 400.00  | 400.00  |

**60. Electrical Work**

|     |        |  |       |          |          |          |          |
|-----|--------|--|-------|----------|----------|----------|----------|
| 268 | 60-290 | Electrode (Copper) ....                                  | No.   | 30.00    | 30.00    | 30.00    | 30.00    |
| 269 | 60-925 | Wire, PVC;<br>3C,3x16mm <sup>2</sup> ;250/400V(East.BYM) | 100 m | 84000.00 | 84000.00 | 84000.00 | 84000.00 |
| 270 | 60-930 | Wooden Round Block ....                                  | dzn   | 240.00   | 240.00   | 240.00   | 240.00   |

**70. Equipment, Tools**

|     |        |   |     |               |               |               |               |
|-----|--------|---|-----|---------------|---------------|---------------|---------------|
| 271 | 70-008 | Hire charge of Bulkhead Dredger (150 cum/hr)                        | day | 28000.00      | 28000.00      | 28000.00      | 28000.00      |
| 272 | 70-009 | Hire charge of Bulkhead Dredger (150cum/hr) with 1 km Delivery Pipe | day | 45000.00      | 45000.00      | 45000.00      | 45000.00      |
| 273 | 70-010 | Hire charge of 26" Dredger with all accessories                     | day | 490000.0<br>0 | 490000.0<br>0 | 490000.0<br>0 | 490000.0<br>0 |
| 274 | 70-011 | Hire charge of 20" Dredger with all accessories                     | day | 330000.0<br>0 | 330000.0<br>0 | 330000.0<br>0 | 330000.0<br>0 |

A series of handwritten signatures and initials are written across the bottom of the page, appearing to be signatures of officials or witnesses. The handwriting is cursive and includes various initials like 'K', 'R', 'A', 'T', 'S', 'H', 'M', 'N', and 'W'.

## BWDB Standard Schedule of Rates-2022

| SL No. | Element Code | Element Description  | Unit | Basic Element Rate (Tk.) |           |           |           |
|--------|--------------|--|------|--------------------------|-----------|-----------|-----------|
|        |              |  |      | Zone A                   | Zone B    | Zone C    | Zone D    |
| 275    | 70-012       | Hire charge of 18" Dredger with all accessories  | day  | 220000.00                | 220000.00 | 220000.00 | 220000.00 |
| 276    | 70-014       | Hire charge of 12" Dredger with all accessories  | day  | 94500.00                 | 94500.00  | 94500.00  | 94500.00  |
| 277    | 70-016       | Hire charge of House Boat for 26" dredger  | day  | 16800.00                 | 16800.00  | 16800.00  | 16800.00  |
| 278    | 70-017       | Hire charge of House Boat for 20" dredger  | day  | 11500.00                 | 11500.00  | 11500.00  | 11500.00  |
| 279    | 70-018       | Hire charge of House Boat for 18" dredger  | day  | 5300.00                  | 5300.00   | 5300.00   | 5300.00   |
| 280    | 70-025       | Basket, Bamboo, 500 mm to 600 mm dia ...   | No.  | 120.00                   | 120.00    | 120.00    | 120.00    |
| 281    | 70-030       | Bucket (Balti), Plastic .... .... ....   | No.  | 250.00                   | 250.00    | 250.00    | 250.00    |
| 282    | 70-035       | Hire charge of Tug boat/Work Boat 1200 Hp  | day  | 27300.00                 | 27300.00  | 27300.00  | 27300.00  |
| 283    | 70-036       | Hire charge of Tug boat/Work Boat 600-700 Hp   | day  | 15700.00                 | 15700.00  | 15700.00  | 15700.00  |
| 284    | 70-037       | Hire charge of Tug boat/Work Boat 300-600 Hp   | day  | 11500.00                 | 11500.00  | 11500.00  | 11500.00  |
| 285    | 70-045       | Hire charge of B.dozer/S.F.roller/V.compactor : 150 HP.                                      | day  | 6900.00                  | 6900.00   | 6900.00   | 6900.00   |
| 286    | 70-047       | Hire charge of Pay Lodder  | Day  | 6900.00                  | 6900.00   | 6900.00   | 6900.00   |
| 287    | 70-052       | Hire charge of Chain Pulley : 1.5 m.ton Capacity   | day  | 500.00                   | 500.00    | 500.00    | 500.00    |
| 288    | 70-055       | Hire charge of Chain Hoist, 3 tons   | day  | 1000.00                  | 1000.00   | 1000.00   | 1000.00   |
| 289    | 70-056       | Hire charge of Excavator (Combatsu)  | day  | 8100.00                  | 8100.00   | 8100.00   | 8100.00   |
| 290    | 70-057       | Hire charge of Excavator Long Boom   | day  | 14600.00                 | 14600.00  | 14600.00  | 14600.00  |
| 291    | 70-058       | Hire charge of Amphibious Excavator  | day  | 19500.00                 | 19500.00  | 19500.00  | 19500.00  |
| 292    | 70-060       | Hire charge of Cargo Truck   | day  | 5800.00                  | 5800.00   | 5800.00   | 5800.00   |
| 293    | 70-065       | Hire charge of Cargo Truck with Crane  | day  | 7500.00                  | 7500.00   | 7500.00   | 7500.00   |
| 294    | 70-067       | Hire charge of Barge with guided dumping arrangement (minimum 30mx11m,with fuel & lubricant) | day  | 41000.00                 | 41000.00  | 41000.00  | 41000.00  |
| 295    | 70-068       | Hire charge of Flat Top Engine Boat, 40 tonne Capacity                                       | day  | 4600.00                  | 4600.00   | 4600.00   | 4600.00   |
| 296    | 70-070       | Hire charge of Crane, 10 ton capacity  | day  | 6400.00                  | 6400.00   | 6400.00   | 6400.00   |
| 297    | 70-071       | Hire charge of Tug boat: 200-500 Hp  | day  | 5800.00                  | 5800.00   | 5800.00   | 5800.00   |

K @ @ R @ w @ @ S L  
S @ @ S. F. E. Q. M. R.  
P. T.

BWDB Standard Schedule of Rates-2022

| SL No. | Element Code | Element Description   | Unit  | Basic Element Rate (Tk.) |          |          |          |
|--------|--------------|---|-------|--------------------------|----------|----------|----------|
|        |              |   |       | Zone A                   | Zone B   | Zone C   | Zone D   |
| 298    | 70-072       | Hire charge of Double Drum Mooring Winch, mobilize, demobilize              | day   | 4750.00                  | 4750.00  | 4750.00  | 4750.00  |
| 299    | 70-073       | Hire charge of Anchor & Wire Rope, mobilize, demobilize                     | day   | 3000.00                  | 3000.00  | 3000.00  | 3000.00  |
| 300    | 70-074       | Hire charge of Generator  | day   | 3500.00                  | 3500.00  | 3500.00  | 3500.00  |
| 301    | 70-075       | Hire charge of Barge/Pontoon (with Fuel & Lubricant)                        | day   | 8400.00                  | 8400.00  | 8400.00  | 8400.00  |
| 302    | 70-076       | Hire charge of Flat Top Barge/Pontoon (minim 30mx11m,with Fuel & Lubricant) | day   | 19500.00                 | 19500.00 | 19500.00 | 19500.00 |
| 303    | 70-077       | Hire charge of Engine Boat (40 ton Capacity) with roof cover                | day   | 5200.00                  | 5200.00  | 5200.00  | 5200.00  |
| 304    | 70-078       | Hire charge of Total Station  | day   | 2300.00                  | 2300.00  | 2300.00  | 2300.00  |
| 305    | 70-079       | Hire charge of Barge (200 Ton, mobilize, demobilize)                        | day   | 5800.00                  | 5800.00  | 5800.00  | 5800.00  |
| 306    | 70-080       | Hire charge of Concrete Mix Machine 0.2 cum                                 | day   | 1200.00                  | 1200.00  | 1200.00  | 1200.00  |
| 307    | 70-081       | Hire charge of Echo-Sounder   | day   | 1210.00                  | 1210.00  | 1210.00  | 1210.00  |
| 308    | 70-082       | Hire charge of 12V battery  | day   | 105.00                   | 105.00   | 105.00   | 105.00   |
| 309    | 70-083       | Hire charge of Hand GPS   | day   | 105.00                   | 105.00   | 105.00   | 105.00   |
| 310    | 70-084       | Hire charge of DGPS   | day   | 420.00                   | 420.00   | 420.00   | 420.00   |
| 311    | 70-086       | Hire charge of Level Machine  | day   | 525.00                   | 525.00   | 525.00   | 525.00   |
| 312    | 70-087       | Hire charge of Booster Pump (with delivery pipe)                            | day   | 23100.00                 | 23100.00 | 23100.00 | 23100.00 |
| 313    | 70-088       | Hire charge of concrete vibrator  | day   | 550.00                   | 500.00   | 540.00   | 500.00   |
| 314    | 70-096       | Hire charge of Laptop with necessary survey software                        | day   | 1050.00                  | 1050.00  | 1050.00  | 1050.00  |
| 315    | 70-100       | Hire charge of 26" DHDPE Floating Pipe with Floater.                        | m/day | 85.50                    | 85.50    | 85.50    | 85.50    |
| 316    | 70-102       | Hire charge of 20" DHDPE Floating Pipe with Floater.                        | m/day | 51.50                    | 51.50    | 51.50    | 51.50    |
| 317    | 70-104       | Hire charge of 18" DHDPE Floating Pipe with Floater.                        | m/day | 37.50                    | 37.50    | 37.50    | 37.50    |
| 318    | 70-110       | Hire charge of 26" Shore Pipe.  | m/day | 26.00                    | 26.00    | 26.00    | 26.00    |
| 319    | 70-112       | Hire charge of 20" Shore Pipe.  | m/day | 14.00                    | 14.00    | 14.00    | 14.00    |
| 320    | 70-114       | Hire charge of 18" Shore Pipe.  | m/day | 13.00                    | 13.00    | 13.00    | 13.00    |
| 321    | 70-135       | Hire charge of Casing, 225 to 300mm dia, 3m long (S/pile)                   | day   | 81.00                    | 81.00    | 81.00    | 81.00    |
| 322    | 70-140       | Hire charge of Percussion Drilling Set                                      | day   | 139.00                   | 139.00   | 139.00   | 139.00   |
| 323    | 70-150       | Hire charge of Drilling Rig   | day   | 4500.00                  | 4500.00  | 4500.00  | 4500.00  |
| 324    | 70-160       | Hire charge of Electric Drill   | day   | 415.00                   | 415.00   | 415.00   | 415.00   |

K. G. S. R. M. J. 
  
 A. S. E. M. 
  
 26.

BWDB Standard Schedule of Rates-2022

| SL No. | Element Code | Element Description                                 | Unit | Basic Element Rate (Tk.) |          |          |          |
|--------|--------------|---|------|--------------------------|----------|----------|----------|
|        |              |   |      | Zone A                   | Zone B   | Zone C   | Zone D   |
| 325    | 70-165       | Hire charge of Tripod Drilling Set. (Complete.)     | day  | 5500.00                  | 5500.00  | 5500.00  | 5500.00  |
| 326    | 70-170       | Hire charge of Tripod Stand with Winch (sand pile)  | day  | 2770.00                  | 2770.00  | 2770.00  | 2770.00  |
| 327    | 70-175       | Hire charge of Tripod Stand                         | day  | 400.00                   | 400.00   | 400.00   | 400.00   |
| 328    | 70-198       | Hire charge of HDPE Hydraulic Pipe Jointing Machine | day  | 1500.00                  | 1500.00  | 1500.00  | 1500.00  |
| 329    | 70-200       | Pipe, HDPE, 100 mm dia                              | m    | 700.00                   | 700.00   | 700.00   | 700.00   |
| 330    | 70-202       | Pipe, HDPE, 150 mm dia                              | m    | 1300.00                  | 1300.00  | 1300.00  | 1300.00  |
| 331    | 70-204       | Pipe, HDPE, 225 mm dia                              | m    | 2900.00                  | 2900.00  | 2900.00  | 2900.00  |
| 332    | 70-206       | Pipe, HDPE, 300 mm dia                              | m    | 5300.00                  | 5300.00  | 5300.00  | 5300.00  |
| 333    | 70-208       | Pipe, HDPE, 450 mm dia                              | m    | 12200.00                 | 12200.00 | 12200.00 | 12200.00 |
| 334    | 70-210       | Pipe, HDPE, 500 mm dia                              | m    | 15000.00                 | 15000.00 | 15000.00 | 15000.00 |
| 335    | 70-212       | Pipe, HDPE, 600 mm dia                              | m    | 21300.00                 | 21300.00 | 21300.00 | 21300.00 |
| 336    | 70-214       | Pipe, HDPE, 750 mm dia                              | m    | 32200.00                 | 32200.00 | 32200.00 | 32200.00 |
| 337    | 70-216       | Pipe, HDPE, 900 mm dia                              | m    | 42900.00                 | 42900.00 | 42900.00 | 42900.00 |
| 338    | 70-218       | Pipe, HDPE, 1050 mm dia                             | m    | 56400.00                 | 56400.00 | 56400.00 | 56400.00 |
| 339    | 70-220       | Pipe, HDPE, 1200 mm dia                             | m    | 68500.00                 | 68500.00 | 68500.00 | 68500.00 |
| 340    | 70-222       | Pipe, HDPE, 1350 mm dia                             | m    | 79900.00                 | 79900.00 | 79900.00 | 79900.00 |
| 341    | 70-225       | Hire charge of Grab, with Winch                     | day  | 690.00                   | 690.00   | 690.00   | 690.00   |
| 342    | 70-230       | Hire charge of Electric Auto Gas Cutter Set         | day  | 500.00                   | 500.00   | 500.00   | 500.00   |
| 343    | 70-235       | Hire charge of Vertical Drill Machine               | day  | 150.00                   | 150.00   | 150.00   | 150.00   |
| 344    | 70-241       | Hire charge of Granding Machine                     | day  | 260.00                   | 260.00   | 260.00   | 260.00   |
| 345    | 70-242       | Power Brush   | no   | 460.00                   | 460.00   | 460.00   | 460.00   |
| 346    | 70-245       | Hire charge of Shaper Machine                       | day  | 2550.00                  | 2550.00  | 2550.00  | 2550.00  |
| 347    | 70-250       | Hard Wood Hammer                                    | No.  | 70.00                    | 70.00    | 70.00    | 70.00    |
| 348    | 70-255       | Hire charge of Iron Rammer, 7.0 kg                  | day  | 7.25                     | 7.25     | 7.25     | 7.25     |
| 349    | 70-272       | Hire charge of Lathe Machine                        | day  | 1000.00                  | 1000.00  | 1000.00  | 1000.00  |
| 350    | 70-275       | Hire charge of Monkey Hammer with Staging,          | day  | 420.00                   | 420.00   | 420.00   | 420.00   |
| 351    | 70-280       | Paint Brush .. . . . . . . . . .                    | No.  | 42.00                    | 42.00    | 42.00    | 42.00    |
| 352    | 70-287       | Hire charge of Special Hammer (Sand Pile)           | day  | 92.00                    | 92.00    | 92.00    | 92.00    |
| 353    | 70-290       | Hire charge of Monkey Hammer with Pile Cap, 200kg   | day  | 350.00                   | 350.00   | 350.00   | 350.00   |
| 354    | 70-295       | Hire charge of Hammer with Pile Cap, 1000kg         | day  | 650.00                   | 650.00   | 650.00   | 650.00   |
| 355    | 70-305       | Hire charge of Vibro hammer (Excavator mounted)     | day  | 930.00                   | 930.00   | 930.00   | 930.00   |
| 356    | 70-310       | RCC Pipe Manf. Plant (Share Capital)                | day  | 3450.00                  | 3450.00  | 3450.00  | 3450.00  |

A series of handwritten markings and signatures are overlaid on the bottom right of the table. These include:
 

- A large, stylized signature in blue ink.
- The letters 'A', 'B', 'C', 'D', 'E', 'F', 'G', 'H', 'I', 'J', 'K', 'L', 'M', 'N', 'O', 'P', 'Q', 'R', 'S', 'T', 'U', 'V', 'W', 'X', 'Y', 'Z' scattered across the area.
- The number '14' written in blue at the bottom right.

## BWDB Standard Schedule of Rates-2022

| SL No. | Element Code | Element Description                                       | Unit | Basic Element Rate (Tk.) |           |           |           |
|--------|--------------|---|------|--------------------------|-----------|-----------|-----------|
|        |              |   |      | Zone A                   | Zone B    | Zone C    | Zone D    |
| 357    | 70-326       | Pump for Well Point, 5 cusec                              | No.  | 179000.00                | 179000.00 | 179000.00 | 179000.00 |
| 358    | 70-328       | Pump Turbine, 5 cusec, with motor                         | No.  | 179000.00                | 179000.00 | 179000.00 | 179000.00 |
| 359    | 70-330       | Hire charge of Surface Water Pump, 1 Cusec                | day  | 300.00                   | 300.00    | 300.00    | 300.00    |
| 360    | 70-333       | Hire charge of High Power Pump                            | day  | 1730.00                  | 1730.00   | 1730.00   | 1730.00   |
| 361    | 70-350       | Hire charge of Soil Compactor, Vibratory, Engine Operated | day  | 350.00                   | 350.00    | 350.00    | 350.00    |
| 362    | 70-365       | Spade (kodal)   | No.  | 450.00                   | 450.00    | 450.00    | 450.00    |
| 363    | 70-370       | Hire Charge of Compressor Machine                         | day  | 1500.00                  | 1500.00   | 1500.00   | 1500.00   |
| 364    | 70-371       | Nozzle SS (dia 50x200)                                    | no   | 900.00                   | 900.00    | 900.00    | 900.00    |
| 365    | 70-372       | Clamp, 50 mm dia (MS)                                     | no   | 40.00                    | 40.00     | 40.00     | 40.00     |
| 366    | 70-373       | Pressure Hose, 50 mm dia                                  | no   | 410.00                   | 410.00    | 410.00    | 410.00    |
| 367    | 70-380       | Electric Motor, 20 HP with 2 cusec pump.                  | No.  | 29000.00                 | 29000.00  | 29000.00  | 29000.00  |
| 368    | 70-385       | Electric Motor, 25 HP with 2 cusec pump.                  | No.  | 37000.00                 | 37000.00  | 37000.00  | 37000.00  |
| 369    | 70-390       | Electric Motor, 30 HP with 2 cusec pump.                  | No.  | 45000.00                 | 45000.00  | 45000.00  | 45000.00  |
| 370    | 70-405       | Speed Boat (without fuel and lubricants).                 | day  | 3200.00                  | 3200.00   | 3200.00   | 3200.00   |
| 371    | 70-425       | Net Weaving Machine (Hexagonal): Auto                     | day  | 18.00                    | 18.00     | 18.00     | 18.00     |
| 372    | 70-510       | Hire charge of welding machine                            | day  | 750.00                   | 750.00    | 750.00    | 750.00    |
| 373    | 70-511       | MS Header Pipe, 200mm, with accessories.                  | m    | 1380.00                  | 1380.00   | 1380.00   | 1380.00   |
| 374    | 70-512       | Swing Joint Set .... .. .... ..                           | No.  | 350.00                   | 350.00    | 350.00    | 350.00    |
| 375    | 70-515       | M.S. Pipe, 200mm dia .. .... ..                           | m    | 1200.00                  | 1200.00   | 1200.00   | 1200.00   |
| 376    | 70-550       | Hire charge of Pile Rig with Winch                        | day  | 2100.00                  | 2100.00   | 2100.00   | 2100.00   |
| 377    | 70-555       | Hire charge of Pile Driving Rig                           | day  | 1620.00                  | 1620.00   | 1620.00   | 1620.00   |
| 378    | 70-560       | Wire Brush  | No.  | 40.00                    | 40.00     | 40.00     | 40.00     |
| 379    | 70-575       | Housing/ Casing pipe M.S, 300mm dia ....                  | m    | 2200.00                  | 2200.00   | 2200.00   | 2200.00   |
| 380    | 70-580       | Housing/ Casing pipe M.S, 350mm dia ....                  | m    | 2500.00                  | 2500.00   | 2500.00   | 2500.00   |
| 381    | 70-582       | 75 mm dia Class D PVC strainer (Slot: 15%)                | m    | 418.00                   | 418.00    | 418.00    | 418.00    |
| 382    | 70-583       | 100 mm dia Class D PVC strainer (Slot: 15%)               | m    | 692.65                   | 692.65    | 692.65    | 692.65    |
| 383    | 70-584       | 150 mm dia Class D PVC strainer (Slot: 15%)               | m    | 1544.67                  | 1544.67   | 1544.67   | 1544.67   |

K @ the Rock on the hill is a tree  
of 20 ft tall with a blue A.

## BWDB Standard Schedule of Rates-2022

| SL No. | Element Code | Element Description                          | Unit | Basic Element Rate (Tk.) |          |          |          |
|--------|--------------|--|------|--------------------------|----------|----------|----------|
|        |              |  |      | Zone A                   | Zone B   | Zone C   | Zone D   |
| 384    | 70-590       | Brass Strainer, 150mm dia (Slot: 15%)        | m    | 5250.00                  | 5250.00  | 5250.00  | 5250.00  |
| 385    | 70-595       | Brass Strainer, 200mm dia (Slot: 15%)        | m    | 5950.00                  | 5950.00  | 5950.00  | 5950.00  |
| 386    | 70-597       | 75 mm dia Class C PVC pipe (Blind pipe)      | m    | 281.00                   | 281.00   | 281.00   | 281.00   |
| 387    | 70-598       | 100 mm dia Class C PVC pipe (Blind pipe)     | m    | 421.00                   | 421.00   | 421.00   | 421.00   |
| 388    | 70-599       | 150 mm dia Class C PVC pipe (Blind pipe)     | m    | 1051.00                  | 1051.00  | 1051.00  | 1051.00  |
| 389    | 70-605       | Blind Pipe, G.I, 150mm dia, Thickness>=4mm   | m    | 2715.00                  | 2715.00  | 2715.00  | 2715.00  |
| 390    | 70-610       | Blind Pipe, G.I, 200mm dia, thickness>=8 mm  | m    | 8892.00                  | 8892.00  | 8892.00  | 8892.00  |
| 391    | 70-620       | Reducer: 150 mm x 300 mm dia 6 mm thick M.S. | No.  | 2420.00                  | 2420.00  | 2420.00  | 2420.00  |
| 392    | 70-625       | Reducer, M.S, 200/350mm dia .....            | No.  | 2530.00                  | 2530.00  | 2530.00  | 2530.00  |
| 393    | 70-630       | Bail Plug, 100mm dia .....                   | No.  | 1190.00                  | 1190.00  | 1190.00  | 1190.00  |
| 394    | 70-635       | Bail Plug, 150mm dia .....                   | No.  | 1580.00                  | 1580.00  | 1580.00  | 1580.00  |
| 395    | 70-640       | Bail Plug, 200mm dia .....                   | No.  | 2250.00                  | 2250.00  | 2250.00  | 2250.00  |
| 396    | 70-645       | Centrilizer, 13mm dia .....                  | set  | 530.00                   | 530.00   | 530.00   | 530.00   |
| 397    | 70-648       | Diesel Operated Engine with 1 cusec pump     | No.  | 32500.00                 | 32500.00 | 32500.00 | 32500.00 |
| 398    | 70-665       | Star-Delta starter, MEM/BENTEX. ....         | No.  | 3600.00                  | 3600.00  | 3600.00  | 3600.00  |
| 399    | 70-670       | Panel Board. ....                            | No.  | 5000.00                  | 5000.00  | 5000.00  | 5000.00  |
| 400    | 70-680       | B/Assembly, 3stg, 190mmd, .042mps. cap..     | No.  | 48500.00                 | 48500.00 | 48500.00 | 48500.00 |
| 401    | 70-685       | B/Assembly, 3stg, 240mmd, .056mps. cap..     | No.  | 53100.00                 | 53100.00 | 53100.00 | 53100.00 |
| 402    | 70-725       | C/Pipe, 150mmd,10m shaft 25mmd, 10m long     | No.  | 12700.00                 | 12700.00 | 12700.00 | 12700.00 |
| 403    | 70-730       | C/Pipe, 200mmd,10m shaft 25mmd, 10m long     | No.  | 22500.00                 | 22500.00 | 22500.00 | 22500.00 |
| 404    | 70-740       | C/Pipe, 150mmd,12m, shaft 25mmd,12m long     | No.  | 18500.00                 | 18500.00 | 18500.00 | 18500.00 |
| 405    | 70-745       | C/Pipe, 200mmd,12m, shaft 25mmd,12m long     | No.  | 30600.00                 | 30600.00 | 30600.00 | 30600.00 |
| 406    | 70-755       | Discharge Head, 150mm*125mm                  | No.  | 8600.00                  | 8600.00  | 8600.00  | 8600.00  |
| 407    | 70-760       | Discharge Head, 200mm*150mm                  | No.  | 9200.00                  | 9200.00  | 9200.00  | 9200.00  |
| 408    | 70-765       | Hire charge of Fork Lift-3 Ton Capacity      | day  | 4050.00                  | 4050.00  | 4050.00  | 4050.00  |

BWDB Standard Schedule of Rates-2022

| SL No. | Element Code | Element Description                         | Unit | Basic Element Rate (Tk.) |          |          |          |
|--------|--------------|---|------|--------------------------|----------|----------|----------|
|        |              |   |      | Zone A                   | Zone B   | Zone C   | Zone D   |
| 409    | 70-766       | Hire charge of dump truck/ tripping trucks  | day  | 5000.00                  | 5000.00  | 5000.00  | 5000.00  |
| 410    | 70-770       | Gate Valve, 150 mm dia                      | No.  | 11000.00                 | 11000.00 | 11000.00 | 11000.00 |
| 411    | 70-775       | Gate Valve, 200 mm dia. ....                | No.  | 12000.00                 | 12000.00 | 12000.00 | 12000.00 |
| 412    | 70-785       | Non-returnable Valve, 150 mm dia ....       | No.  | 3300.00                  | 3300.00  | 3300.00  | 3300.00  |
| 413    | 70-790       | Non-returnable Valve, 200 mm dia ....       | No.  | 5700.00                  | 5700.00  | 5700.00  | 5700.00  |
| 414    | 70-792       | Pipe, G.I, 75mm dia (5 mm wall thickness)   | m    | 1400.00                  | 1400.00  | 1400.00  | 1400.00  |
| 415    | 70-793       | Pipe, G.I, 100mm dia (5mm thickness)        | m    | 2100.00                  | 2100.00  | 2100.00  | 2100.00  |
| 416    | 70-794       | Pipe, G.I, 150mm dia ....                   | m    | 2000.00                  | 2000.00  | 2000.00  | 2000.00  |
| 417    | 70-800       | Delivery Pipe, G.I, 1.5m long, 150mm dia    | No.  | 4072.00                  | 4072.00  | 4072.00  | 4072.00  |
| 418    | 70-805       | Delivery Pipe, G.I, 1.5m long, 200mm dia    | No.  | 13338.00                 | 13338.00 | 13338.00 | 13338.00 |
| 419    | 70-808       | 75 mm dia Class C PVC pipe (delivery pipe)  | m    | 281.00                   | 281.00   | 281.00   | 281.00   |
| 420    | 70-810       | 100 mm dia Class C PVC pipe (delivery pipe) | m    | 421.00                   | 421.00   | 421.00   | 421.00   |
| 421    | 70-815       | 150 mm dia Class C PVC pipe (delivery pipe) | m    | 1051.00                  | 1051.00  | 1051.00  | 1051.00  |
| 422    | 70-820       | 200 mm dia Class C PVC pipe (delivery pipe) | m    | 1232.55                  | 1232.55  | 1232.55  | 1232.55  |
| 423    | 70-830       | Bend, G.I, 75mm dia ....                    | No.  | 416.00                   | 416.00   | 416.00   | 416.00   |
| 424    | 70-832       | Bend, G.I, 100mm dia. ....                  | No.  | 603.00                   | 603.00   | 603.00   | 603.00   |
| 425    | 70-835       | Bend, G.I, 150mm dia, thickness 4 mm        | No.  | 2715.00                  | 2715.00  | 2715.00  | 2715.00  |
| 426    | 70-955       | Hire charge of Grinding Machine             | day  | 260.00                   | 260.00   | 260.00   | 260.00   |
| 427    | 70-965       | Power Hacksaw Blade                         | No.  | 750.00                   | 750.00   | 750.00   | 750.00   |
| 428    | 70-970       | PVC Pipe Jointing Adhesive                  | kg   | 280.00                   | 280.00   | 280.00   | 280.00   |
| 429    | 70-980       | Hire charge of Sewing Machine               | day  | 690.00                   | 690.00   | 690.00   | 690.00   |
| 430    | 70-990       | Hire charge of Cutter (Geo-textile)         | day  | 410.00                   | 410.00   | 410.00   | 410.00   |

**80. Labour**

|     |        |                                 |     |         |         |         |         |
|-----|--------|---------------------------------|-----|---------|---------|---------|---------|
| 431 | 80-060 | Boat, Engine ....               | day | 1760.00 | 1760.00 | 1760.00 | 1760.00 |
| 432 | 80-070 | Bullock Cart, with Garrian .... | day | 1100.00 | 1100.00 | 1100.00 | 1100.00 |
| 433 | 80-080 | Carpenter ....                  | day | 700.00  | 700.00  | 700.00  | 650.00  |
| 434 | 80-085 | Carpenter, Head ....            | day | 800.00  | 800.00  | 800.00  | 750.00  |
| 435 | 80-090 | Carpenter, Helper ....          | day | 550.00  | 540.00  | 540.00  | 500.00  |
| 436 | 80-155 | Rig man ....                    | day | 750.00  | 750.00  | 750.00  | 700.00  |
| 437 | 80-180 | Driller ....                    | day | 700.00  | 700.00  | 700.00  | 650.00  |
| 438 | 80-185 | Driller, Helper ....            | day | 550.00  | 540.00  | 540.00  | 500.00  |
| 439 | 80-190 | Electrician ....                | day | 700.00  | 700.00  | 700.00  | 650.00  |

A series of handwritten signatures and initials are written over the bottom right corner of the table. The signatures include 'AK', 'SA', 'R', 'B', 'W', 'M', 'A', 'D', 'S', 'E', 'G', 'T', 'W', and 'AA'. There are also some crossed-out or scribbled marks.

BWDB Standard Schedule of Rates-2022

| SL No. | Element Code | Element Description   | Unit | Basic Element Rate (Tk.) |         |         |         |
|--------|--------------|---|------|--------------------------|---------|---------|---------|
|        |              |   |      | Zone A                   | Zone B  | Zone C  | Zone D  |
| 440    | 80-196       | Civil/Electrical/Mechanical Engineer ( minimum BSc in Eng. with 3yrs exp) | day  | 1900.00                  | 1900.00 | 1900.00 | 1900.00 |
| 441    | 80-197       | Survey Specialist/Team Leader   | day  | 2200.00                  | 2200.00 | 2200.00 | 2200.00 |
| 442    | 80-198       | Survey Data Processing Specialist   | day  | 1600.00                  | 1600.00 | 1600.00 | 1600.00 |
| 443    | 80-210       | Fitter .. .... .. .... ..   | day  | 700.00                   | 700.00  | 700.00  | 650.00  |
| 444    | 80-215       | Fitter, Helper .. .... .. .... ..   | day  | 550.00                   | 540.00  | 540.00  | 500.00  |
| 445    | 80-225       | Foreman .. .... .. .... ..  | day  | 850.00                   | 850.00  | 850.00  | 800.00  |
| 446    | 80-230       | Assistant Foreman .. .... .. .... ..                                      | day  | 550.00                   | 540.00  | 540.00  | 500.00  |
| 447    | 80-235       | Gardener .. .... .. .... ..   | day  | 550.00                   | 540.00  | 540.00  | 500.00  |
| 448    | 80-265       | Driver (Passenger Vehicle)  | day  | 700.00                   | 700.00  | 700.00  | 650.00  |
| 449    | 80-305       | Head Man .. .... .. .... ..   | day  | 800.00                   | 800.00  | 800.00  | 750.00  |
| 450    | 80-370       | Labour, Skilled   | day  | 600.00                   | 600.00  | 600.00  | 580.00  |
| 451    | 80-375       | Labour, Unskilled/Ordinary  | day  | 550.00                   | 540.00  | 540.00  | 500.00  |
| 452    | 80-377       | Guard .. .... .. .... .. .... ..<br>...                                   | day  | 550.00                   | 540.00  | 540.00  | 500.00  |
| 453    | 80-425       | Mason .. .... .. .... ..  | day  | 700.00                   | 700.00  | 700.00  | 650.00  |
| 454    | 80-430       | Mason, Head .. .... .. .... ..  | day  | 800.00                   | 800.00  | 800.00  | 750.00  |
| 455    | 80-435       | Mason, Helper .. .... .. .... ..  | day  | 590.00                   | 550.00  | 540.00  | 540.00  |
| 456    | 80-445       | Mechanic .. .... .. .... ..   | day  | 700.00                   | 700.00  | 700.00  | 650.00  |
| 457    | 80-450       | Mechanic, Helper .. .... .. .... ..                                       | day  | 590.00                   | 550.00  | 540.00  | 540.00  |
| 458    | 80-455       | Machinist .. .... .. .... ..  | day  | 700.00                   | 700.00  | 700.00  | 650.00  |
| 459    | 80-460       | Master (Tug boat)   | day  | 950.00                   | 950.00  | 950.00  | 900.00  |
| 460    | 80-461       | Operator, Dredger   | day  | 1200.00                  | 1200.00 | 1200.00 | 1140.00 |
| 461    | 80-462       | Operator, Helper, Dredger   | day  | 700.00                   | 700.00  | 700.00  | 670.00  |
| 462    | 80-463       | Operator, Booster Pump  | day  | 950.00                   | 950.00  | 950.00  | 900.00  |
| 463    | 80-464       | Helper, Booster Pump  | day  | 590.00                   | 590.00  | 590.00  | 560.00  |
| 464    | 80-465       | Operator, Automatic Block Making Machine                                  | day  | 1200.00                  | 1200.00 | 1200.00 | 1140.00 |
| 465    | 80-466       | Operator, Helper, Automatic Making Machine                                | day  | 700.00                   | 700.00  | 700.00  | 670.00  |
| 466    | 80-467       | Operator, Work Boat   | day  | 825.00                   | 825.00  | 825.00  | 780.00  |
| 467    | 80-468       | Operator, Helper, Workboat  | day  | 590.00                   | 590.00  | 590.00  | 560.00  |
| 468    | 80-470       | Operator, Tug Boat  | day  | 825.00                   | 825.00  | 825.00  | 780.00  |
| 469    | 80-471       | Operator, Helper, Tug Boat  | day  | 590.00                   | 590.00  | 590.00  | 560.00  |
| 470    | 80-472       | Operator ( Double drum mooring winch, Generator & others work)            | day  | 750.00                   | 750.00  | 750.00  | 715.00  |
| 471    | 80-473       | Operator Helper ( Double drum mooring winch, Generator & others work)     | day  | 590.00                   | 590.00  | 590.00  | 560.00  |
| 472    | 80-474       | Operator (Barge, 200 Ton)   | day  | 950.00                   | 950.00  | 950.00  | 900.00  |
| 473    | 80-475       | Operator, Helper (Barge, 200 Ton)   | day  | 590.00                   | 590.00  | 590.00  | 560.00  |
| 474    | 80-476       | Surveyor (10yrs Exp / diploma Engineer trained in survey )                | day  | 1400.00                  | 1400.00 | 1400.00 | 1400.00 |

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BWDB Standard Schedule of Rates-2022

| SL No. | Element Code | Element Description   | Unit | Basic Element Rate (Tk.) |         |         |         |
|--------|--------------|---|------|--------------------------|---------|---------|---------|
|        |              |   |      | Zone A                   | Zone B  | Zone C  | Zone D  |
| 475    | 80-477       | Driver/Operator (Motor Cycle/Speed Boat/ Engine Boat)                   | day  | 700.00                   | 700.00  | 700.00  | 650.00  |
| 476    | 80-478       | Helper, Flat Top Barge  | day  | 590.00                   | 590.00  | 590.00  | 560.00  |
| 477    | 80-479       | Helper, Engine boat   | day  | 590.00                   | 590.00  | 590.00  | 560.00  |
| 478    | 80-480       | Operator, B.dozer/S.F.roller/V.compactor/Long Boom/Dump Truck.          | day  | 950.00                   | 950.00  | 950.00  | 900.00  |
| 479    | 80-481       | Operator Helper, B.dozer/ S.F.roller/V.compactor/Long Boom/ Dump Truck. | day  | 590.00                   | 590.00  | 590.00  | 560.00  |
| 480    | 80-482       | Operator Fork Lift  | day  | 825.00                   | 825.00  | 825.00  | 780.00  |
| 481    | 80-485       | Operator, Total station   | day  | 825.00                   | 825.00  | 825.00  | 780.00  |
| 482    | 80-486       | Data Entry Operator   | day  | 700.00                   | 700.00  | 700.00  | 700.00  |
| 483    | 80-490       | Operator, Crane .. .. .. .. ..  | day  | 850.00                   | 850.00  | 850.00  | 850.00  |
| 484    | 80-493       | Operator, Helper, Crane .. .. .. .. ..                                  | day  | 650.00                   | 650.00  | 650.00  | 650.00  |
| 485    | 80-495       | Operator, Sewing Machine  | day  | 750.00                   | 750.00  | 750.00  | 715.00  |
| 486    | 80-496       | Operator, Cutter (Geo-textile)  | day  | 750.00                   | 750.00  | 750.00  | 715.00  |
| 487    | 80-497       | Operator, Helper, Cutter (Geo-textile)                                  | day  | 590.00                   | 590.00  | 590.00  | 560.00  |
| 488    | 80-500       | Operator, Mixture Machine .. .. .. .. ..                                | day  | 825.00                   | 825.00  | 825.00  | 780.00  |
| 489    | 80-510       | Operator, Pump .. .. .. .. ..   | day  | 750.00                   | 750.00  | 750.00  | 715.00  |
| 490    | 80-525       | Operator, Power Winch .. .. .. .. ..                                    | day  | 750.00                   | 750.00  | 750.00  | 715.00  |
| 491    | 80-535       | Painter, Helper .. .. .. .. ..  | day  | 550.00                   | 540.00  | 540.00  | 500.00  |
| 492    | 80-540       | Painter/ Varnisher .. .. .. .. ..                                       | day  | 700.00                   | 700.00  | 700.00  | 650.00  |
| 493    | 80-560       | Plumber .. .. .. .. ..  | day  | 700.00                   | 700.00  | 700.00  | 650.00  |
| 494    | 80-570       | Plumber, Helper .. .. .. .. ..  | day  | 550.00                   | 540.00  | 540.00  | 500.00  |
| 495    | 80-605       | Rod Mistry, Head .. .. .. .. ..   | day  | 800.00                   | 800.00  | 800.00  | 750.00  |
| 496    | 80-610       | Rod Mistry, Helper .. .. .. .. ..                                       | day  | 550.00                   | 540.00  | 540.00  | 500.00  |
| 497    | 80-705       | Sweeper .. .. .. .. ..  | day  | 800.00                   | 800.00  | 800.00  | 750.00  |
| 498    | 80-720       | Technician .. .. .. .. ..   | day  | 1000.00                  | 1000.00 | 1000.00 | 1000.00 |
| 499    | 80-755       | Welder .. .. .. .. ..   | day  | 700.00                   | 700.00  | 700.00  | 650.00  |
| 500    | 80-760       | Welder, Helper .. .. .. .. ..   | day  | 550.00                   | 540.00  | 540.00  | 500.00  |
| 501    | 80-780       | Helper, Operator, Sewing Machine  | day  | 550.00                   | 540.00  | 540.00  | 500.00  |
| 502    | 80-785       | Supervisor  | day  | 850.00                   | 850.00  | 850.00  | 800.00  |
| 503    | 80-790       | Driver (Bus/Truck/Micro Bus/Jeep/Private Car)                           | day  | 700.00                   | 700.00  | 700.00  | 650.00  |

A series of handwritten signatures and initials are written across the bottom of the table. From left to right, they include: 'K', 'A', 'B', 'C', 'D', 'E', 'F', 'G', 'H', 'I', 'J', 'L', 'M', 'N', 'O', 'P', 'Q', 'R', 'S', 'T', 'U', 'V', 'W', 'X', 'Y', 'Z', 'AA', 'BB', 'CC', 'DD', 'EE', 'FF', 'GG', 'HH', 'II', 'JJ', 'KK', 'LL', 'MM', 'NN', 'OO', 'PP', 'QQ', 'RR', 'SS', 'TT', 'UU', 'VV', 'WW', 'XX', 'YY', 'ZZ', 'AA', 'BB', 'CC', 'DD', 'EE', 'FF', 'GG', 'HH', 'II', 'JJ', 'KK', 'LL', 'MM', 'NN', 'OO', 'PP', 'QQ', 'RR', 'SS', 'TT', 'UU', 'VV', 'WW', 'XX', 'YY', 'ZZ'.

**BWDB Standard Schedule of Rates-2022**

| SL. No                                  | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|---|-----------|---|------|-----------------|----------|----------|----------|
|   |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
| <b>04. Preliminary &amp; Misc. Work</b> |           |   |      |                 |          |          |          |
| 1                                       | 04-180-00 | Site preparation by manually removing all miscellaneous objectional materials from entire site and removing debris including uprooting stumps, jungle clearing, levelling dressing etc. complete as per direction of Engineer in charge.  | sqm  | 44.52           | 43.61    | 43.54    | 40.59    |
| 2                                       | 04-200-00 | Supplying & fixing at site temporary bamboo gauges, 6cm to 9cm dia, marked in meter, decimeter and centimeter, including black & white water proof painting and printing gauge, to be driven not less than 1.80m below ground (Measurement will be given only for the marked portion) as per direction of Engineer in charge. | m    | 124.89          | 116.69   | 116.69   | 118.46   |
| 3                                       | 04-210-00 | Supplying & fixing wooden gauges at site, made of sal/gajari/sundari wood, engraved in meter, decimeter & centimeter, including water proof painting with black, white & red paint, etc. complete as per direction of Engineer in charge.   | m    | -               | -        | -        | -        |
| 3(1)                                    | 04-210-10 | 150mm x 25mm, size (finished section).  | m    | 769.47          | 768.59   | 768.59   | 745.13   |
| 3(2)                                    | 04-210-20 | 100mm x 25mm, size (finished section).  | m    | 571.98          | 571.43   | 571.43   | 550.99   |
| 4                                       | 04-230-00 | Supplying & fixing at site triangular gauges of 15 cm size made of best quality local hard wood, engraved in meter, decimeter & centimeter, including water proof painting with black, white & red paint, etc. complete as per direction of Engineer in charge.   | m    | 1,552.79        | 1,550.87 | 1,550.87 | 1,517.93 |
| 5                                       | 04-240-00 | Supplying & driving 2.8m long, 15 cm to 20 cm average dia local hard wood post of approved quality, including sizing, sharpening & providing holes for fitting gauges (driving portion not less than 1.80 m) etc. complete as per direction of Engineer in charge.  | each | 1,517.62        | 1,406.73 | 1,406.73 | 1,442.55 |
| 6                                       | 04-260-00 | Fixing gauges to posts including supply of necessary bolts and nuts or nails.   | each | 305.66          | 304.82   | 304.82   | 297.35   |
| 7                                       | 04-280-00 | Constructing at site, cement mortar gauge on masonry wall, including engraving in meter, decimeter & centimeter, painting and figuring with black and red water proof paint, etc. complete as per direction of Engineer in charge.  | m    | -               | -        | -        | -        |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

*K G M S R B A M J H P D S  
A 20 f C L W S R B S*

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|--|------|-----------------|----------|----------|----------|
|        |           |  |      | Zone A          | Zone B   | Zone C   | Zone D   |
| 7(1)   | 04-280-10 | 150mm x 25mm   | m    | 107.51          | 106.87   | 106.89   | 101.60   |
| 7(2)   | 04-280-20 | 100mm x 25mm   | m    | 73.25           | 72.81    | 72.83    | 69.27    |
| 8      | 04-290-00 | Repairing of cement concrete gauge including plastering, painting, lettering etc. complete as per direction of Engineer in charge.   | m    | 69.56           | 69.17    | 69.18    | 65.63    |
| 9      | 04-310-00 | Supplying 7.50 cm dia bamboo sounding rods, 450 cm long, with black & white paint, at every alternative decimeter and figuring etc. complete as per direction of Engineer in charge. | each | 440.13          | 415.60   | 415.60   | 417.73   |
| 10     | 04-320-00 | Supplying bamboo pegs 0.45 m to 0.75 m long and average dia 6 cm, with saw cut top as per direction of Engineer in charge.   | no   | 41.03           | 37.38    | 37.38    | 38.87    |
| 11     | 04-330-00 | Labour charge for fixing the bamboo pegs 0.45m to 0.75m long and average dia 6cm, as per direction of Engineer in charge.  | no   | 4.59            | 4.51     | 4.51     | 4.17     |
| 12     | 04-400-00 | Removing water hyacinth and stacking on the bank and burning in to ashes:  | sqm  | -               | -        | -        | -        |
| 12(1)  | 04-400-10 | scattered  | sqm  | 4.59            | 4.51     | 4.51     | 4.17     |
| 12(2)  | 04-400-20 | packed   | sqm  | 10.19           | 10.01    | 10.01    | 9.26     |
| 13     | 04-410-00 | Cutting trees and uprooting stumps and removing the same from the base of embankment and keeping in a place, as per direction of Engineer in charge.                                 | each | -               | -        | -        | -        |
| 13(1)  | 04-410-10 | 30 cm to 1.0 m girth   | each | 340.81          | 334.61   | 334.61   | 309.82   |
| 13(2)  | 04-410-20 | 1.0 m to 1.50 m girth  | each | 454.66          | 446.39   | 446.39   | 413.32   |
| 13(3)  | 04-410-30 | above 1.50 m girth   | each | 1,182.16        | 1,160.67 | 1,160.67 | 1,074.69 |
| 14     | 04-440-00 | Cutting and clearing jungles and uprooting trees upto 30cm girth and removing the same from the site as per direction of Enginer in charge.  | sqm  | -               | -        | -        | -        |
| 14(1)  | 04-440-10 | ordinary   | sqm  | 3.44            | 3.38     | 3.38     | 3.13     |
| 14(2)  | 04-440-20 | thick and thorny   | sqm  | 4.59            | 4.51     | 4.51     | 4.17     |
| 15     | 04-450-00 | Cutting, uprooting and removing bamboo cluster from the site as per direction of Engineer in charge.   | sqm  | 40.90           | 40.15    | 40.15    | 37.18    |
| 16     | 04-460-00 | Cutting, uprooting and removing cane jungles, from the site, as per direction of Engineer in charge.   | sqm  | 20.45           | 20.08    | 20.08    | 18.59    |
| 17     | 04-470-00 | Supplying cross section nylon ropes, marked at every decimeter:  | m    | -               | -        | -        | -        |
| 17(1)  | 04-470-10 | 6mm dia  | m    | 205.07          | 205.07   | 205.07   | 204.58   |
| 17(2)  | 04-470-20 | 12mm dia   | m    | 21.72           | 21.72    | 21.72    | 21.23    |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

*K ✓ O ✓ B ✓ R ✓ A ✓ N ✓ H ✓ C ✓ T ✓ A ✓ D ✓ B ✓*  
*A ✓ 20 ✓ F ✓ C ✓ T ✓ D ✓ B! ✓ S ✓*

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|---|------|-----------------|----------|----------|----------|
|        |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
| 18     | 04-600-00 | Providing cork sheet/polystyrene sheet in expansion joints of concrete works including supply of all materials etc. complete as per direction of Engineer in charge.  | sqm  | -               | -        | -        | -        |
| 18(1)  | 04-600-10 | 25 mm thick sheet.  | sqm  | 181.94          | 181.93   | 181.93   | 179.45   |
| 18(2)  | 04-600-20 | 20 mm thick sheet.  | sqm  | 161.08          | 161.07   | 161.07   | 158.59   |
| 19     | 04-620-00 | Filling of expansion joints upto a depth of 40 mm with bitumen mixed with coarse sand ( $FM \geq 2.5$ ) in concrete works including supply of all materials etc. complete as per specification and direction of Engineer in charge.   | m    | -               | -        | -        | -        |
| 19(1)  | 04-620-10 | 25 mm wide.   | m    | 101.90          | 101.21   | 101.24   | 98.17    |
| 19(2)  | 04-620-20 | 20 mm wide.   | m    | 81.56           | 81.01    | 81.04    | 78.58    |
| 20     | 04-720-00 | Hiring of Speed boat/Engine boat (With roof Cover, Life Jacket) in a tip top condition during travelling to different field offices or to different construction sites or any other official use, meeting, discussion or any other matters including driver (minimum 5 years of driving experience having valid driving license) and necessary maintenance of vehicle etc. complete as per direction of Engineer in charge. | hr   | -               | -        | -        | -        |
| 20(1)  | 04-720-40 | Speed Boat  | hr   | 598.18          | 598.18   | 598.18   | 590.51   |
| 20(2)  | 04-720-50 | Engine Boat   | hr   | 377.31          | 377.31   | 377.31   | 369.64   |
| 21     | 04-750-00 | Cost of Fuel, Lubricant etc. for Speed Boat/Engine Boat with roof cover, life jacket for travelling to different field offices or to different construction sites or any other official use etc. complete as per direction of Engineer in charge.   | hr   | -               | -        | -        | -        |
| 21(1)  | 04-750-10 | Speed Boat  | hr   | 3,987.84        | 3,987.84 | 3,987.84 | 3,987.84 |
| 21(2)  | 04-750-20 | Engine Boat   | hr   | 447.25          | 447.25   | 447.25   | 447.25   |
| 22     | 04-800-00 | 75mm thick brick work with 1st. class bricks in all kinds of works in cement mortar 1:3 (sand of $FM \geq 1.5$ ) including soaking bricks, raking out joints, staging, sorting, cleaning the surface, curing at least for 14 days including the cost of all materials etc. complete as per direction of Engineer in charge.   | sqm  | 755.85          | 742.69   | 750.49   | 719.59   |
| 23     | 04-805-00 | 125 mm thick jally brick work in cement mortar 1:4,(sand of $FM \geq 1.50$ ) including soaking bricks in clean water for 6 hours, cleaning the  | sqm  | 747.53          | 733.34   | 741.70   | 706.10   |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

*K. G. A. S. C. C. M. A. N. A. T. A. D. S. A. 26/6/2022*

## BWDB Standard Schedule of Rates-2022

| SL. No              | Item Code | Description of Item   | Unit    | Item Rate (Tk.) |           |           |            |
|---------------------|-----------|---|---------|-----------------|-----------|-----------|------------|
|                     |           |   |         | Zone A          | Zone B    | Zone C    | Zone D     |
|                     |           | bricks, raking out joints, staging, sorting, cleaning the surface, curing at least for 14 days, including supply of all materials etc. complete for all floors as per direction of Engineer in charge.  |         |                 |           |           |            |
| 24                  | 04-810-00 | Supplying wooden flap gates with pressure treated Sundari, Garjan, Shishu or equivalent timber for regulator/ sluices, as per approved drawing, specification and direction of Engineer in charge.  | each    | -               | -         | -         | -          |
| 24(1)               | 04-810-10 | 0.75m dia to 1.20m dia with 40mm thick plank and 3 nos 50mmx75mm batten.  | each    | 8,469.75        | 8,202.68  | 8,202.68  | 8,447.72   |
| 24(2)               | 04-810-20 | Above 1.20m dia with 50mm thick plank and 3 nos 50mmx75mm batten.   | each    | 14,323.56       | 13,850.55 | 13,850.55 | 14,317.50  |
| 25                  | 04-815-00 | Supplying pressure treated wooden fall boards/stop logs of different sizes (not less than 15cm in depth) of sal, sundari, garjan, shishu or equivalent for regulator/ sluices, including fixing in position with eye hook etc. complete as per direction of Engineer in charge. | cum     | 102,053.43      | 97,749.34 | 97,749.34 | 104,164.30 |
| <b>08. Carriage</b> |           |   |         |                 |           |           |            |
| 26                  | 08-100-00 | Carriage of materials by head load including stacking in measurable stacks properly as per direction of Engineer in charge.   | pmt/m   | -               | -         | -         | -          |
| 26(1)               | 08-100-10 | 0.00 m to 50.00 m.  | pmt/m   | 2.43            | 2.39      | 2.39      | 2.21       |
| 26(2)               | 08-100-20 | 0.00 m to 100.00 m.   | pmt/m   | 2.02            | 1.99      | 1.99      | 1.84       |
| 26(3)               | 08-100-30 | 0.00 m to 250.00 m.   | pmt/m   | 2.02            | 1.99      | 1.99      | 1.84       |
| 26(4)               | 08-100-40 | 0.00 m to 750.00 m.   | pmt/m   | 1.89            | 1.86      | 1.86      | 1.72       |
| 27                  | 08-110-00 | Carriage of materials by cart in all types of road, including loading, unloading and stacking in measurable stacks properly for every subsequent kilometer or part thereof (less than 0.25 km to be neglected) as per direction of Engineer in charge.                          | pmt/k m | -               | -         | -         | -          |
| 27(1)               | 08-110-10 | Within 1.00 km.   | pmt/k m | 260.84          | 257.74    | 257.74    | 245.34     |
| 27(2)               | 08-110-20 | 2nd km and above.   | pmt/k m | 56.28           | 56.28     | 56.28     | 56.28      |
| 28                  | 08-120-00 | Carriage of materials by boat including loading, unloading and stacking in measurable stacks properly for every subsequent kilometer or part thereof  | pmt/k m | -               | -         | -         | -          |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item

must be followed as part of the SOR (Schedule of Rates) for every item.

## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit   | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|--------|-----------------|--------|--------|--------|
|        |           |  |        | Zone A          | Zone B | Zone C | Zone D |
|        |           | (less than 0.25 km to be neglected) as per direction of Engineer in charge.  |        |                 |        |        |        |
| 28(1)  | 08-120-10 | By boat : within 1.00 km.  | pmt/km | 392.67          | 386.47 | 386.47 | 361.68 |
| 28(2)  | 08-120-20 | By boat : 2nd km. and above.   | pmt/km | 18.29           | 18.29  | 18.29  | 18.29  |
| 29     | 08-130-00 | Carriage of cement, C.I. sheet, bitumen, M.S. rod, sheet pile of minimum 6.0m length etc. by truck in all types road, including loading, unloading and stacking in measurable stacks properly for every subsequent kilometer or part thereof (less than 0.25 km to be neglected) as per direction of Engineer in charge.   | pmt/km | -               | -      | -      | -      |
| 29(1)  | 08-130-10 | Within 1.00 km.  | pmt/km | 370.37          | 367.27 | 367.27 | 354.88 |
| 29(2)  | 08-130-20 | 2nd km and above.  | pmt/km | 13.19           | 13.19  | 13.19  | 13.19  |
| 30     | 08-140-00 | Carriage of sand, brickbats, shingles, boulders, c.c block, geo-bag, coal, timber etc. by head load including stacking in measurable stacks etc. complete (no carriage for 15m or part thereof) as per direction of Engineer in charge.  | pcum/m | -               | -      | -      | -      |
| 30(1)  | 08-140-10 | 0.00 to 50.00 m.   | pcum/m | 4.93            | 4.84   | 4.84   | 4.48   |
| 30(2)  | 08-140-20 | 0.00 to 100.00 m.  | pcum/m | 4.32            | 4.24   | 4.24   | 3.93   |
| 30(3)  | 08-140-30 | 0.00 to 250.00 m.  | pcum/m | 3.91            | 3.84   | 3.84   | 3.56   |
| 30(4)  | 08-140-40 | 0.00 to 750.00 m.  | pcum/m | 3.78            | 3.71   | 3.71   | 3.44   |
| 31     | 08-150-00 | Carriage of sand, brick bats, shingles, boulders, c.c block, geo-bag, coal, wood etc. from different field/ departmental stocks to work sites by truck/ boat/ cart including carriage by head load upto a distance of 30m at each point including loading, unloading and stacking at work site in measureable stacks (less than 0.25m neglected) as per direction of Engineer in charge. | cum/km | -               | -      | -      | -      |
| 31(1)  | 08-150-10 | By cart : Within 1.00 km.  | cum/km | 520.73          | 514.53 | 514.53 | 489.74 |
| 31(2)  | 08-150-20 | By cart : 2nd km and above.  | cum/km | 112.43          | 112.43 | 112.43 | 112.43 |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

K ~~PA~~ Bokan Co. Inc. 10 W 110th St. ~~NYC~~ ~~NY~~ 10020  
A. 28 p/c by Dr. S. S.

BWDB Standard Schedule of Rates-2022

| Sl. No | Item Code | Description of Item   | Unit     | Item Rate (Tk.) |        |        |        |
|--------|-----------|---|----------|-----------------|--------|--------|--------|
|        |           |   |          | Zone A          | Zone B | Zone C | Zone D |
| 31(3)  | 08-150-30 | By boat : within 1.00 km.   | cum/km   | 784.88          | 772.48 | 772.48 | 722.91 |
| 31(4)  | 08-150-40 | By boat : 2nd km. and above.  | cum/km   | 36.96           | 36.96  | 36.96  | 36.96  |
| 31(5)  | 08-150-50 | By truck : within 1.00 km.  | cum/km   | 737.88          | 731.68 | 731.68 | 706.90 |
| 31(6)  | 08-150-60 | By truck : 2nd km. and above.   | cum/km   | 26.31           | 26.31  | 26.31  | 26.31  |
| 32     | 08-180-00 | Carriage of bricks (1000 nos) from one place to another by head load including stacking in measurable stacks etc. complete (no carriage for 15m or part thereof) as per direction of Engineer in charge.  | p1000/m  | -               | -      | -      | -      |
| 32(1)  | 08-180-10 | 0.00 to 50.00 m.  | p1000/m  | 6.14            | 6.03   | 6.03   | 5.58   |
| 32(2)  | 08-180-20 | 0.00 to 100.00 m.   | p1000/m  | 5.47            | 5.37   | 5.37   | 4.97   |
| 32(3)  | 08-180-30 | 0.00 to 250.00 m.   | p1000/m  | 4.93            | 4.84   | 4.84   | 4.48   |
| 32(4)  | 08-180-40 | 0.00 to 750.00 m.   | p1000/m  | 4.79            | 4.70   | 4.70   | 4.36   |
| 33     | 08-190-00 | Carriage of bricks (1000 nos) from one place to another including loading and unloading involving carriage by head load to a distance of 30 m at each loading and unloading point including stacking properly in measurable stacks etc. complete (less than 0.25 km be neglected) as per direction of Engineer in charge. | p1000/km | -               | -      | -      | -      |
| 33(1)  | 08-190-10 | By cart : Within 1.00 km.   | p1000/km | 650.97          | 643.23 | 643.23 | 612.25 |
| 33(2)  | 08-190-20 | By cart : 2nd km and above.   | p1000/km | 140.64          | 140.64 | 140.64 | 140.64 |
| 33(3)  | 08-190-30 | By boat : within 1.00km.  | p1000/km | 982.27          | 966.78 | 966.78 | 904.82 |
| 33(4)  | 08-190-40 | By boat : 2nd km. and above.  | p1000/km | 45.70           | 45.70  | 45.70  | 45.70  |
| 33(5)  | 08-190-50 | By truck : within 1.00km.   | p1000/km | 923.00          | 915.26 | 915.26 | 884.29 |
| 33(6)  | 08-190-60 | By truck : 2nd km. and above.   | p1000/km | 32.98           | 32.98  | 32.98  | 32.98  |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

## BWDB Standard Schedule of Rates-2022

| SL. No                  | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|-------------------------|-----------|--|------|-----------------|--------|--------|--------|
|                         |           |  |      | Zone A          | Zone B | Zone C | Zone D |
| <b>10. Survey Works</b> |           |  |      |                 |        |        |        |
| 34                      | 10-100-00 | River Morphological Data Collection/Bathymetric and river bank topography Survey for river/khal Section (Section width upto 50 m), Including cost of all necessary equipments (Level Machine, Hand GPS, DGPS, survey vessel etc.), Necessary Personnel (River Morphology Expert for data consistency checking, Engineer/Survey Specialist for data processing with survey software and prepare necessary Table, Graph and Morphological Parameter Calculations, Surveyor & Unskilled Labour for field data collection), Accommodation, Transportation from Headquarter to site and site movement and shaded boat for bathymetric survey for field Survey Team including necessary fuels and Lubricant, Other necessary auxiliary items such as survey flags, pegs with provision for submission of report in hard binded copies (at least 6 copies required), soft copies and raw survey data with provision of 10% random re-survey for data consistency checking as per direction of Engineer in charge. | each | -               | -      | -      | -      |
| 34(1)                   | 10-100-10 | Section Interval: upto 20 m  | each | 552.41          | 550.30 | 550.30 | 539.94 |
| 34(2)                   | 10-100-20 | Section Interval: 21 m to 40 m   | each | 602.37          | 600.03 | 600.03 | 588.55 |
| 34(3)                   | 10-100-30 | Section Interval: 41 m to 60 m   | each | 664.80          | 662.17 | 662.17 | 649.29 |
| 34(4)                   | 10-100-40 | Section Interval: 61 m to 100 m  | each | 852.16          | 848.64 | 848.64 | 831.56 |
| 35                      | 10-110-00 | River Morphological Data Collection/Bathymetric and river bank topography Survey for river/khal Section (Section width 51 m to 100 m), Including cost of all necessary equipments (Level Machine, Hand GPS, DGPS, survey vessel etc.), Necessary Personnel (River Morphology Expert for data consistency checking, Engineer/Survey Specialist for data processing with survey software and prepare necessary Table, Graph and Morphological Parameter Calculations, Surveyor & Unskilled Labour for field data collection), Accommodation, Transportation from   | each | -               | -      | -      | -      |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

must be followed as part of the SOR (Schedule of Rates) for every claim.

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|--|------|-----------------|----------|----------|----------|
|        |           |  |      | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | Headquarter to site and site movement and shaded boat for bathymetric survey for field Survey Team including necessary fuels and Lubricant, Other necessary auxiliary items such as survey flags, pegs with provision for submission of report in hard binded copies (at least 6 copies required), soft copies and raw survey data with provision of 10% random re-survey for data consistency checking as per direction of Engineer in charge.  |      |                 |          |          |          |
| 35(1)  | 10-110-10 | Section Interval: upto 20 m  | each | 675.13          | 672.78   | 672.78   | 660.21   |
| 35(2)  | 10-110-20 | Section Interval: 21 m to 40 m   | each | 746.68          | 744.04   | 744.04   | 729.93   |
| 35(3)  | 10-110-30 | Section Interval: 41 m to 60 m   | each | 838.67          | 835.65   | 835.65   | 819.56   |
| 35(4)  | 10-110-40 | Section Interval: 61 m to 100 m  | each | 961.33          | 957.81   | 957.81   | 939.08   |
| 36     | 10-120-00 | River Morphological Data Collection/Bathymetric and river bank topography Survey for river Section (Section width 101 m to 150 m), Including cost of all necessary equipments (Level Machine, Echo Sounder, Hand GPS, DGPS, Bathymetric Survey Software with Survey Laptop, survey vessel etc.), Necessary Personnel (River Morphology Expert for data consistency checking, Engineer/Survey Specialist for data processing with survey software and prepare necessary Table, Graph and Morphological Parameter Calculations, Surveyor & Unskilled Labour for field data collection), Accommodation, Transportation from Headquarter to site and site movement and shaded boat for bathymetric survey for field Survey Team including necessary fuels and Lubricant, Other necessary auxiliary items such as survey flags, pegs with provision for submission of report in hard binded copies (at least 6 copies required), soft copies and raw survey data with provision of 10% random re-survey for data consistency checking as per direction of Engineer in charge. | each | -               | -        | -        |          |
| 36(1)  | 10-120-10 | Section Interval: upto 20 m  | each | 986.15          | 982.46   | 982.46   | 964.52   |
| 36(2)  | 10-120-20 | Section Interval: 21 m to 40 m   | each | 1,072.98        | 1,068.87 | 1,068.87 | 1,049.00 |
| 36(3)  | 10-120-30 | Section Interval: 41 m to 60 m   | each | 1,181.52        | 1,176.90 | 1,176.90 | 1,154.61 |

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## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|--|------|-----------------|----------|----------|----------|
|        |           |  |      | Zone A          | Zone B   | Zone C   | Zone D   |
| 36(4)  | 10-120-40 | Section Interval: 61 m to 100 m  | each | 1,321.06        | 1,315.79 | 1,315.79 | 1,290.38 |
| 37     | 10-130-00 | River Morphological Data Collection/Bathymetric and river bank topography Survey for small river Section (Section width 151 m to 250 m), Including cost of all necessary equipments (Level Machine, Echo Sounder, Hand GPS, DGPS, Bathymetric Survey Software with Survey Laptop, survey vessel etc.), Necessary Personnel (River Morphology Expert for data consistency checking, Engineer/Survey Specialist for data processing with survey software and prepare necessary Table, Graph and Morphological Parameter Calculations, Surveyor & Unskilled Labour for field data collection), Accommodation, Transportation from Headquarter to site and site movement and shaded boat for bathymetric survey for field Survey Team including necessary fuels and Lubricant, Other necessary auxiliary items such as survey flags, pegs with provision for submission of report in hard binded copies (at least 6 copies required), soft copies and raw survey data with provision of 10% random re-survey for data consistency checking as per direction of Engineer in charge. | each | -               | -        | -        | -        |
| 37(1)  | 10-130-10 | Section Interval: upto 20 m  | each | 1,080.56        | 1,076.46 | 1,076.46 | 1,056.58 |
| 37(2)  | 10-130-20 | Section Interval: 21 m to 40 m   | each | 1,189.10        | 1,184.48 | 1,184.48 | 1,162.19 |
| 37(3)  | 10-130-30 | Section Interval: 41 m to 60 m   | each | 1,328.65        | 1,323.37 | 1,323.37 | 1,297.97 |
| 37(4)  | 10-130-40 | Section Interval: 61 m to 100 m  | each | 1,514.71        | 1,508.56 | 1,508.56 | 1,479.01 |
| 38     | 10-140-00 | River Morphological Data Collection/Bathymetric and river bank topography Survey for small river Section (Section width 251 m to 350 m), Including cost of all necessary equipments (Level Machine, Echo Sounder, Hand GPS, DGPS, Bathymetric Survey Software with Survey Laptop, survey vessel etc.), Necessary Personnel (River Morphology Expert for data consistency checking, Engineer/Survey Specialist for data processing with survey software and prepare necessary Table, Graph and  | each | -               | -        | -        | -        |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every item.

~~K. O. R. & R. on a New & Improved  
S. S. f. E. to H. B. 20~~

BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|--|------|-----------------|----------|----------|----------|
|        |           |  |      | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | Morphological Parameter Calculations, Surveyor & Unskilled Labour for field data collection), Accommodation, Transportation from Headquarter to site and site movement and shaded boat for bathymetric survey for field Survey Team including necessary fuels and Lubricant, Other necessary auxiliary items such as survey flags, pegs with provision for submission of report in hard binded copies (at least 6 copies required), soft copies and raw survey data with provision of 10% random re-survey for data consistency checking as per direction of Engineer in charge.   |      |                 |          |          |          |
| 38(1)  | 10-140-10 | Section Interval: upto 20 m  | each | 1,237.91        | 1,233.29 | 1,233.29 | 1,210.87 |
| 38(2)  | 10-140-20 | Section Interval: 21 m to 40 m   | each | 1,377.45        | 1,372.18 | 1,372.18 | 1,346.64 |
| 38(3)  | 10-140-30 | Section Interval: 41 m to 60 m   | each | 1,563.52        | 1,557.36 | 1,557.36 | 1,527.68 |
| 38(4)  | 10-140-40 | Section Interval: 61 m to 100 m  | each | 1,824.01        | 1,816.63 | 1,816.63 | 1,781.14 |
| 39     | 10-150-00 | River Morphological Data Collection/Bathymetric and river bank topography Survey for river Section (Section width 351 m to 500 m), Including cost of all necessary equipments (Level Machine, Echo Sounder, Hand GPS, DGPS, Bathymetric Survey Software with Survey Laptop, survey vessel etc.), Necessary Personnel (River Morphology Expert for data consistency checking, Engineer/Survey Specialist for data processing with survey software and prepare necessary Table, Graph and Morphological Parameter Calculations, Surveyor & Unskilled Labour for field data collection), Accommodation, Transportation from Headquarter to site and site movement and shaded boat for bathymetric survey for field Survey Team including necessary fuels and Lubricant, Other necessary auxiliary items such as survey flags, pegs with provision for submission of report in hard binded copies (at least 6 copies required), soft copies and raw survey data with provision of 10% random re-survey for data consistency checking as per direction of Engineer in charge. | each | -               | -        | -        | -        |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

A series of handwritten signatures and initials are written across the bottom of the note, appearing to be approvals or signatures of officials. The signatures are in black ink and vary in style.

## BWDB Standard Schedule of Rates-2022

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|--|------|-----------------|----------|----------|----------|
|        |           |  |      | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | Engineer/Survey Specialist for data processing with survey software and prepare necessary Table, Graph and Morphological Parameter Calculations, Surveyor & Unskilled Labour for field data collection), Accommodation, Transportation from Headquarter to site and site movement and shaded boat for bathymetric survey for field Survey Team including necessary fuels and Lubricant, Other necessary auxiliary items such as survey flags, pegs with provision for submission of report in hard binded copies (at least 6 copies required), soft copies and raw survey data with provision of 10% random re-survey for data consistency checking as per direction of Engineer in charge.  |      |                 |          |          |          |
| 41(1)  | 10-170-10 | Section Interval: upto 20 m  | km   | 1,864.23        | 1,858.46 | 1,858.46 | 1,829.93 |
| 41(2)  | 10-170-20 | Section Interval: 21 m to 40 m   | km   | 2,123.10        | 2,116.26 | 2,116.26 | 2,082.70 |
| 41(3)  | 10-170-30 | Section Interval: 41 m to 60 m   | km   | 2,499.65        | 2,491.26 | 2,491.26 | 2,450.37 |
| 41(4)  | 10-170-40 | Section Interval: 61 m to 100 m  | km   | 3,097.69        | 3,086.82 | 3,086.82 | 3,034.29 |
| 42     | 10-200-00 | Topography Survey of embankment/road/canal/river Section (Section width upto 50 m), Including cost of all necessary equipments (Level Machine, Hand GPS, DGPS etc.), Necessary Personnel (River Morphology Expert for data consistency checking, Engineer/Survey Specialist for data processing with survey software and prepare necessary Table, Graph and Morphological Parameter Calculations, Surveyor & Unskilled Labour for field data collection), Accommodation, Transportation from Headquarter to site and site movement and shaded boat for bathymetric survey for field Survey Team including necessary fuels and Lubricant, Other necessary auxiliary items such as survey flags, pegs with provision for submission of report in hard binded copies (at least 6 copies required), soft copies and raw survey data with provision of 10% random re-survey for data consistency checking as per direction of Engineer in charge. | each | -               | -        | -        | -        |
| 42(1)  | 10-200-10 | Section Interval: upto 50 m  | each | 520.45          | 518.34   | 518.34   | 508.31   |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
| 42(2)  | 10-200-20 | Section Interval: 51 m to 100 m  | each | 567.98          | 565.63 | 565.63 | 554.52 |
| 42(3)  | 10-200-30 | Section Interval: 101 m to 150 m   | each | 627.40          | 624.76 | 624.76 | 612.30 |
| 43     | 10-210-00 | Topography Survey of embankment/road/canal/river Section (Section width 51 m to 100 m), Including cost of all necessary equipments (Level Machine, Hand GPS, DGPS etc.), Necessary Personnel (River Morphology Expert for data consistency checking, Engineer/Survey Specialist for data processing with survey software and prepare necessary Table, Graph and Morphological Parameter Calculations, Surveyor & Unskilled Labour for field data collection), Accommodation, Transportation from Headquarter to site and site movement and shaded boat for bathymetric survey for field Survey Team including necessary fuels and Lubricant, Other necessary auxiliary items such as survey flags, pegs with provision for submission of report in hard binded copies (at least 6 copies required), soft copies and raw survey data with provision of 10% random re-survey for data consistency checking as per direction of Engineer in charge. | each | -               | -      | -      | -      |
| 43(1)  | 10-210-10 | Section Interval: upto 50 m  | each | 609.40          | 607.05 | 607.05 | 595.77 |
| 43(2)  | 10-210-20 | Section Interval: 51 m to 100 m  | each | 668.82          | 666.18 | 666.18 | 653.54 |
| 43(3)  | 10-210-30 | Section Interval: 101 m to 150 m   | each | 745.21          | 742.20 | 742.20 | 727.82 |
| 44     | 10-220-00 | Topography Survey of embankment/road/canal/river Section (Section width 101 m to 150 m), Including cost of all necessary equipments (Level Machine, Hand GPS, DGPS etc.), Necessary Personnel (River Morphology Expert for data consistency checking, Engineer/Survey Specialist for data processing with survey software and prepare necessary Table, Graph and Morphological Parameter Calculations, Surveyor & Unskilled Labour for field data collection), Accommodation, Transportation from Headquarter to site and site movement and shaded boat for bathymetric survey for field Survey Team including necessary fuels and   | each | -               | -      | -      | -      |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | Lubricant, Other necessary auxiliary items such as survey flags, pegs with provision for submission of report in hard binded copies (at least 6 copies required), soft copies and raw survey data with provision of 10% random re-survey for data consistency checking as per direction of Engineer in charge.   |      |                 |        |        |        |
| 44(1)  | 10-220-10 | Section Interval: upto 50 m  | each | 661.17          | 658.82 | 658.82 | 647.32 |
| 44(2)  | 10-220-20 | Section Interval: 51 m to 100 m  | each | 720.59          | 717.95 | 717.95 | 705.09 |
| 44(3)  | 10-220-30 | Section Interval: 101 m to 150 m   | each | 796.99          | 793.97 | 793.97 | 779.37 |
| 45     | 10-240-00 | Topography Survey by total station and investigation and collection of hydraulic data regarding catchment area/study area to produce site map, showing upstream and down stream as well as making of HFL, spot level/contour lines, pin point all salient features such as roads, building, trees, water body, play field, green area, water supply lines, sewer lines, electric/telephonic lines with poles, wells etc., taking all the boundary measurement, internal angles, North direction, preparation of survey drawing including plotting on AutoCAD/GIS etc. complete Including cost of all necessary equipments (Total station, Hand GPS, DGPS etc.), Necessary Personnel (River Morphology Expert for data consistency checking, Engineer/Survey Specialist for data processing with survey software and prepare necessary Table, Graph and Morphological Parameter Calculations, Surveyor & Unskilled Labour for field data collection), Accommodation, Transportation from Headquarter to site and site movement and shaded boat for bathymetric survey for field Survey Team including necessary fuels and Lubricant, Other necessary auxiliary items with provision for submission of report in hard binded copies (at least 6 copies required), soft copies and raw survey data with provision of 10% random re-survey for data consistency checking as per direction of Engineer in charge. | sqm  | -               | -      | -      | -      |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|--|------|-----------------|----------|----------|----------|
|        |           |  |      | Zone A          | Zone B   | Zone C   | Zone D   |
| 45(1)  | 10-240-10 | 1 m interval   | sqm  | 12.07           | 12.04    | 12.04    | 11.87    |
| 45(2)  | 10-240-20 | 5 m interval   | sqm  | 2.57            | 2.56     | 2.56     | 2.55     |
| 46     | 10-250-00 | Level Flying for survey work Including cost of all necessary equipments (Level Machine, Hand GPS, DGPS etc.), Necessary Personnel (River Morphology Expert for data consistency checking, Engineer/Survey Specialist for data processing with survey software and prepare necessary Table, Graph and Morphological Parameter Calculations, Surveyor & Unskilled Labour for field data collection), Accommodation, Transportation from Headquarter to site and site movement and shaded boat for bathymetric survey for field Survey Team including necessary fuels and Lubricant, Other necessary auxiliary items with provision for submission of report in hard binded copies (at least 6 copies required), soft copies and raw survey data with provision of 10% random re-survey for data consistency checking as per direction of Engineer in charge. | km   | 1,906.54        | 1,899.95 | 1,899.95 | 1,862.68 |
| 47     | 10-270-00 | Bank Line Survey Along the River/Khal Bank Line, Including cost of all necessary equipments (Level Machine, Hand GPS, DGPS etc.), Necessary Personnel (River Morphology Expert for data consistency checking, Engineer/Survey Specialist for data processing with survey software and prepare necessary Table, Graph and Morphological Parameter Calculations, Surveyor & Unskilled Labour for field data collection), Accommodation, Transportation from Headquarter to site and site movement and shaded boat for bathymetric survey for field Survey Team including necessary fuels and Lubricant, Other necessary auxiliary items with provision for submission of report in hard binded copies (at least 6 copies required), soft copies and raw survey data with provision of 10% random re-survey for data consistency                              | km   | 2,102.75        | 2,095.21 | 2,095.21 | 2,053.00 |

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## BWDB Standard Schedule of Rates-2022

| SL. No                | Item Code | Description of Item   | Unit   | Item Rate (Tk.) |            |            |            |
|-----------------------|-----------|---|--------|-----------------|------------|------------|------------|
|                       |           |   |        | Zone A          | Zone B     | Zone C     | Zone D     |
|                       |           | checking as per direction of Engineer in charge.  |        |                 |            |            |            |
| <b>12. Dewatering</b> |           |   |        |                 |            |            |            |
| 48                    | 12-100-00 | Installation of pizeometer including supply of 38mm G.I. pipe, brass strainer, socket, labour, by wash boring, lowering, fixing the elevation and providing cover on the top of the well etc. complete as per direction of Engineer in charge.  | each   | 5,594.63        | 5,570.09   | 5,570.09   | 5,432.05   |
| 49                    | 12-110-00 | Mobilization of complete well point system, equipments and accessories from one place to another including loading and unloading as per direction of Engineer in charge.  | ps/km  | -               | -          | -          | -          |
| 49(1)                 | 12-110-10 | Within 1.00 km.   | ps/km  | 50,316.94       | 50,034.72  | 50,034.72  | 48,672.72  |
| 49(2)                 | 12-110-20 | 2nd km. and above.  | ps/km  | 129.48          | 129.48     | 129.48     | 129.48     |
| 50                    | 12-120-00 | Installation of well point dewatering set including supply of all accessories, materials and labours for one 5 cusec vacuum pump for minimum 100 well points in controlling subsurface water during construction, providing shrouding materials, conducting test operation and subsequent removal of the complete dewatering set in accordance with standard specification and field requirement, as per direction of Engineer in charge. | set    | 445,433.85      | 443,829.24 | 443,874.64 | 440,370.64 |
| 51                    | 12-150-00 | Operation of well point system, by 5 cusec vacuum pump for dewatering of subsurface water, maintaining draw down records including supply of necessary fuels, lubricants, operation personnel and maintenance of the same upto completion of the work in accordance with standard specification and direction of Engineer in charge.  | pphour | 1,257.96        | 1,257.20   | 1,257.20   | 1,249.53   |
| 52                    | 12-160-00 | Demobilization of complete well point system, equipments and accessories from one place to another including loading and unloading as per direction of Engineer in charge.  | ps/km  | -               | -          | -          | -          |
| 52(1)                 | 12-160-10 | Within 1.00 km.   | ps/km  | 50,316.94       | 50,034.72  | 50,034.72  | 48,672.72  |
| 52(2)                 | 12-160-20 | 2nd km. and above.  | ps/km  | 129.48          | 129.48     | 129.48     | 129.48     |
| 53                    | 12-180-00 | Installation of dewatering tubewells at site for controlling subsurface water during construction, including supply of all materials, equipments, fuels, lubricants etc. providing shrouding materials, conducting well testing &   | ptwell | -               | -          | -          | -          |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit   | Item Rate (Tk.) |            |            |            |
|--------|-----------|---|--------|-----------------|------------|------------|------------|
|        |           |   |        | Zone A          | Zone B     | Zone C     | Zone D     |
|        |           | development and subsequent removal of complete dewatering system in accordance with standard specification and field requirement etc. complete including sealing of hole, mobilization and demobilization of equipments and accessories (contractor has to prepare and submit a dewatering plan based on field requirement to the competent authority for approval, prior to installation of the tube well) as per direction of Engineer in charge. |        |                 |            |            |            |
| 53(1)  | 12-180-05 | 12.0m depth including strainer (as per design) and 75mm dia tubewell (bore hole 200mm dia) with PVC pipe and strainer.  | ptwell | 75,845.06       | 75,315.67  | 75,083.88  | 74,321.08  |
| 53(2)  | 12-180-10 | 18.0m depth including strainer (as per design) and 75mm dia tubewell (bore hole 200mm dia) with PVC pipe and strainer.  | ptwell | 83,416.19       | 82,919.66  | 82,575.05  | 81,703.86  |
| 53(3)  | 12-180-15 | 12m depth including strainer (as per design) and 100mm dia tubewell (bore hole 250mm dia) with PVC pipe and strainer.   | ptwell | 87,287.70       | 86,811.05  | 86,416.75  | 85,545.56  |
| 53(4)  | 12-180-20 | 18m depth including strainer (as per design) and 100mm dia tubewell (bore hole 250mm dia) with PVC pipe and strainer.   | ptwell | 98,728.78       | 98,300.99  | 97,730.85  | 96,697.08  |
| 53(5)  | 12-180-25 | 18m depth including strainer (as per design) and 150mm dia tubewell (bore hole dia 300mm dia) with PVC pipe and strainer.   | ptwell | 148,229.23      | 147,760.83 | 147,025.66 | 145,639.12 |
| 53(6)  | 12-180-30 | 24m depth including strainer (as per design) and 150mm dia tubewell (bore hole dia 300mm dia) with PVC pipe and strainer.   | ptwell | 212,590.61      | 212,446.56 | 211,476.16 | 208,821.42 |
| 53(7)  | 12-180-35 | 30m depth including strainer (as per design) and 150mm dia tubewell (bore hole dia 300mm dia) with PVC pipe and strainer.   | ptwell | 252,126.26      | 252,068.90 | 250,855.87 | 247,569.65 |
| 53(8)  | 12-180-40 | 18m depth including strainer (as per design) and 150mm dia tubewell (housing pipe 300mm dia and bowel assembly) with GI pipe and brass strainer.  | ptwell | 186,104.39      | 185,880.16 | 185,152.35 | 183,906.56 |
| 53(9)  | 12-180-45 | 24m depth including strainer (as per design) and 150mm dia tubewell (housing pipe 300mm dia and bowel assembly) with GI pipe and brass strainer.  | ptwell | 251,576.25      | 251,432.19 | 250,461.80 | 247,600.04 |
| 53(10) | 12-180-50 | 30m depth including strainer (as per design) and 150mm dia tubewell   | ptwell | 290,307.59      | 290,250.24 | 289,037.20 | 285,492.21 |

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## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item   | Unit   | Item Rate (Tk.) |            |            |            |
|--------|-----------|---|--------|-----------------|------------|------------|------------|
|        |           |   |        | Zone A          | Zone B     | Zone C     | Zone D     |
|        |           | (housing pipe 300mm dia and bowel assembly) with GI pipe and brass strainer.  |        |                 |            |            |            |
| 53(11) | 12-180-55 | 18m depth including strainer (as per design) and 200mm dia tubewell (housing pipe 350mm dia and bowel assembly) with GI pipe and brass strainer.  | ptwell | 229,668.95      | 229,495.65 | 228,625.19 | 227,232.17 |
| 53(12) | 12-180-60 | 24m depth including strainer (as per design) and 200mm dia tubewell (housing pipe 350mm dia and bowel assembly) with GI pipe and brass strainer.  | ptwell | 291,415.67      | 291,347.69 | 290,187.10 | 287,325.34 |
| 53(13) | 12-180-65 | 30m depth including strainer (as per design) and 200mm dia tubewell (housing pipe 350mm dia and bowel assembly) with GI pipe and brass strainer.  | ptwell | 337,830.68      | 337,868.39 | 336,417.68 | 332,872.69 |
| 54     | 12-200-00 | Operation of tubewell by centrifugal pump for dewatering of subsurface water, maintaining drawdown records including supply of necessary fuels, lubricants, operation personnel and maintenance of the same upto the completion of the work as per specification and direction of Engineer in charge.     | pphour | -               | -          | -          | -          |
| 54(1)  | 12-200-10 | 0.75 cusec capacity   | pphour | 351.17          | 351.17     | 351.17     | 349.09     |
| 54(2)  | 12-200-20 | 0.50 cusec capacity   | pphour | 293.67          | 293.67     | 293.67     | 291.58     |
| 55     | 12-210-00 | Operation of tubewell by 2 cusec turbine pump for dewatering of subsurface water, maintaining drawdown records including supply of necessary fuels, lubricants, operation personnel and maintenance of the same upto the completion of the work as per specification and direction of Engineer in charge. | pphour | -               | -          | -          | -          |
| 55(1)  | 12-210-10 | For 18m depth of tubewell : Electric Motor, 20 HP with 2 cusec pump.  | pphour | 271.63          | 271.37     | 271.37     | 268.18     |
| 55(2)  | 12-210-20 | For 24m depth of tubewell : Electric Motor, 25 HP with 2 cusec pump.  | pphour | 321.97          | 321.72     | 321.72     | 318.53     |
| 55(3)  | 12-210-30 | For 30m depth of tubewell : Electric Motor, 30 HP with 2 cusec pump.  | pphour | 372.32          | 372.06     | 372.06     | 368.87     |
| 56     | 12-250-00 | Installation of Booster Pump for major structure (5 cusec Turbine Pump with Motor and all other accessories) at suitable elevation within area to be dewatered including construction of masonry sump of 2.5mx2.5mx3.0m, connecting the delivery pipes of the wells, mounting the pumps and               | each   | 157,529.82      | 155,279.37 | 156,081.94 | 153,645.11 |

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must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit   | Item Rate (Tk.) |           |           |           |
|--------|-----------|---|--------|-----------------|-----------|-----------|-----------|
|        |           |   |        | Zone A          | Zone B    | Zone C    | Zone D    |
|        |           | motors, laying in position the high head delivery pipes upto discharge outlet including staging, electric connections and test operations etc. complete as per approved dewatering plan and direction of Engineer in charge.  |        |                 |           |           |           |
| 57     | 12-260-00 | Operation of Booster Pump for dewatering of subsurface water, including supply of necessary fuels, lubricants, operation personnel and maintenance of the same upto completion of the work as per standard specification and direction of Engineer in charge.   | pphour | 1,257.96        | 1,257.20  | 1,257.20  | 1,249.53  |
| 58     | 12-300-00 | Construction of sump well with dug holes of size 1.80 m x 2.0 m, laying in position the perforated empty diesel/petrol drum sheet of 1.00 m dia to a depth 1.5m having slot area of 1000 sq.cm/sqm, slot dia being 30mm each with supply of necessary shrouding materials comprising of 60% 40mm down graded khoa and 40% coarse sand of FM>=2.50 and placing those around and beneath the drum sheet having thickness of 40cm and 50cm respectively including necessary welding, fitting etc. complete as per direction of Engineer in charge. | each   | 22,808.60       | 22,446.76 | 22,658.37 | 21,850.53 |
| 59     | 12-310-00 | Bailing out of water with all leads and lifts by manual labour or pump, with all arrangements for protection of ring bund and side slopes of foundation pit against erosion or washout etc. complete actual volume of work will be measured by sounding method before starting the work) as per direction of Engineer in charge.  | cum    | -               | -         | -         | -         |
| 59(1)  | 12-310-10 | by manual labour.   | cum    | 29.10           | 28.58     | 28.58     | 26.52     |
| 59(2)  | 12-310-20 | by pump.  | cum    | 10.37           | 10.33     | 10.33     | 10.07     |
| 60     | 12-400-00 | Supplying and sinking 40mm dia G.I. tubewell pipe including test boring and hiring of all necessary equipments with all necessary fittings as required etc. all complete including the cost of all materials as per direction of Engineer in charge.  | m      | -               | -         | -         | -         |
| 60(1)  | 12-400-10 | Depth upto 60m.   | m      | 1,017.07        | 1,017.04  | 1,017.04  | 1,009.05  |
| 60(2)  | 12-400-20 | Depth above 60m.  | m      | 1,184.20        | 1,184.16  | 1,184.16  | 1,170.33  |

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**BWDB Standard Schedule of Rates-2022**

| SL. No               | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|----------------------|-----------|---|------|-----------------|----------|----------|----------|
|                      |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
| 61                   | 12-410-00 | Supplying and sinking 40mm dia PVC tubewell pipe (B.S. 3505) including test boring and hiring of all necessary equipments with all necessary fittings as required etc. complete including the cost of all materials as per direction of Engineer in charge. | m    | -               | -        | -        | -        |
| 61(1)                | 12-410-10 | depth upto 60m.   | m    | 353.90          | 353.87   | 353.87   | 344.92   |
| 61(2)                | 12-410-20 | depth above 60m.  | m    | 499.39          | 499.36   | 499.36   | 485.53   |
| 62                   | 12-420-00 | Supplying, fitting and fixing 40mm dia brass/PVC strainer, 1.80m long including hiring necessary equipments and supply of all necessary fittings etc. complete including the cost of all materials as per direction of Engineer in charge.                  | each | -               | -        | -        | -        |
| 62(1)                | 12-420-10 | Brass strainer.   | each | 1,108.69        | 1,107.22 | 1,107.22 | 1,079.64 |
| 62(2)                | 12-420-20 | PVC strainer.   | each | 985.98          | 984.52   | 984.52   | 956.93   |
| 63                   | 12-440-00 | Supplying, fitting and fixing pump No. 6 for 40mm dia tubewell, as per approved quality with all accessories etc. complete including the cost of all materials as per direction of Engineer in charge.  | each | 3,285.99        | 3,284.46 | 3,284.46 | 3,270.65 |
| 64                   | 12-450-00 | Labour charge for taking out and resinking of 40mm dia G.I. tubewell pipes upto required depth, including test boring and hire charge of the equipments with all necessary fittings as required etc. complete, as per direction of Engineer in charge.      | m    | -               | -        | -        | -        |
| 64(1)                | 12-450-10 | Depth upto 60m.   | m    | 303.81          | 303.77   | 303.77   | 290.35   |
| 64(2)                | 12-450-20 | Depth above 60m.  | m    | 547.35          | 547.35   | 547.35   | 524.81   |
| 65                   | 12-460-00 | Labour charge for taking out 40mm dia tubewell pipes including cleaning the pipes and other fittings, as per direction of Engineer in charge.   | m    | 201.23          | 201.23   | 201.23   | 192.38   |
| <b>16. Earthwork</b> |           |   |      |                 |          |          |          |
| 66                   | 16-100-00 | Erection of bamboo profile with full bamboo posts and pegs not less than 60mm in diameter and coir strings etc. complete as per direction of Engineer in charge.  | each | 398.13          | 372.04   | 372.04   | 378.11   |
| 67                   | 16-110-00 | Earth work by manual labour in constructing/ resectioning of embankment/ canal bank/ road etc. with clayey soil(minimum 30% clay, 0-40% silt and 0-30% sand) within the initial lead of 30m, and all lifts including throwing the spoils to                 | cum  | -               | -        | -        | -        |

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## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | profiles in layers not exceeding 150mm in thickness, clod breaking upto a maximum size of 100mm, benching the side slopes, stripping/ ploughing the base of embankment and borrow pit area, dug bailing, cutting trees upto 200mm girth, with uprooting stumps, clearing jungles, bailing out water, rough dressing and 150mm cambering at the centre of the crest etc. complete as per specification and direction of Engineer in charge.   |      |                 |        |        |        |
| 67(1)  | 16-110-10 | 0 to 3 m height.   | cum  | 248.82          | 244.34 | 244.34 | 226.26 |
| 67(2)  | 16-110-20 | 0 to 4 m height.   | cum  | 266.84          | 262.03 | 262.03 | 242.64 |
| 67(3)  | 16-110-30 | 0 to 5 m height.   | cum  | 284.93          | 279.79 | 279.79 | 259.09 |
| 67(4)  | 16-110-40 | 0 to 6 m height.   | cum  | 302.74          | 297.28 | 297.28 | 275.28 |
| 68     | 16-120-00 | Earth work by manual labour in constructing/ resectioning of embankment/ canal bank/ road etc. compacted to 85%/90% maximum dry density at optimum moisture content, with reference to laboratory density test AAHSTO modified hammer, with clayey soil(minm 30% clay, 0-40% silt, 0-30% sand) within the initial lead of 30m and all lifts including throwing the spoils to profiles in layers not exceeding 230mm in thickness with clod breaking to a maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of girth upto 200mm from the ground, stripping/ ploughing the base of embankment and borrow pit area, dug bailing, bail out of water, rough dressing including 150mm cambering at the centre of crest etc. complete, including maintenance of the same for 6 months after completion, (compaction will be done by the contractor with approved equipment, including all ancillary charges for compaction and testing) as per direction of Engineer in charge. | cum  | -               | -      | -      | -      |
| 68(1)  | 16-120-10 | 0 m to 3 m height with 85% compaction.   | cum  | 292.68          | 288.19 | 288.19 | 270.04 |
| 68(2)  | 16-120-20 | 0 m to 4 m height with 85% compaction.   | cum  | 310.70          | 305.88 | 305.88 | 286.42 |
| 68(3)  | 16-120-30 | 0 m to 5 m height with 85% compaction.   | cum  | 328.78          | 323.64 | 323.64 | 302.86 |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
| 68(4)  | 16-120-40 | 0 m to 6 m height & above with 85% compaction.   | cum  | 346.80          | 341.33 | 341.33 | 319.24 |
| 68(5)  | 16-120-50 | 0 m to 3 m height with 90% compaction.   | cum  | 315.11          | 310.63 | 310.63 | 292.43 |
| 68(6)  | 16-120-60 | 0 m to 4 m height with 90% compaction.   | cum  | 333.13          | 328.32 | 328.32 | 308.81 |
| 68(7)  | 16-120-70 | 0 m to 5 m height with 90% compaction.   | cum  | 351.22          | 346.08 | 346.08 | 325.25 |
| 68(8)  | 16-120-80 | 0 m to 6 m height & above with 90% compaction.   | cum  | 369.24          | 363.77 | 363.77 | 341.63 |
| 69     | 16-130-00 | Earth work by manual labour in resectioning of embankment/ canal bank/ river slopes/ road/ compound etc. manually compacted by 7.0 kg iron rammer to avoid any air pocket in clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) within the initial lead of 30m and all lifts including throwing the spoils to profile in layers not exceeding 150mm thickness with clod breaking to a maximum size of 100mm, removing roots & stumps of trees of girth upto 200mm from the ground, benching the side slopes, stripping/ ploughing the base of embankment and borrowpit areas, dug bailing, bail out of water, rough dressing including 150mm cambering at the centre of the crest (where necessary) etc. complete as per direction of Engineer in charge. | cum  | -               | -      | -      | -      |
| 69(1)  | 16-130-10 | 0 m to 3 m height.   | cum  | 304.06          | 298.59 | 298.59 | 276.55 |
| 69(2)  | 16-130-20 | 0 m to 4 m height.   | cum  | 322.08          | 316.28 | 316.28 | 292.93 |
| 69(3)  | 16-130-30 | 0 m to 5 m height.   | cum  | 340.24          | 334.10 | 334.10 | 309.43 |
| 69(4)  | 16-130-40 | 0 m to 6 m height.   | cum  | 358.19          | 351.73 | 351.73 | 325.75 |
| 70     | 16-140-00 | Compaction of earth in resectioning of embankment/ canal bank/ road/ river bank slopes/ compounds etc as per design to profile in layers not exceeding 150mm in thickness in all kinds of soils etc. complete as per direction of Engineer in charge.  | cum  | -               | -      | -      | -      |
| 70(1)  | 16-140-10 | By engine operated vibratory soil compactor to attain 80% maximum dry density at optimum moisture content with reference to laboratory density test AASHTO-180 modified hammer.  | cum  | 54.59           | 54.58  | 54.58  | 54.04  |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit    | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|---------|-----------------|--------|--------|--------|
|        |           |  |         | Zone A          | Zone B | Zone C | Zone D |
| 70(2)  | 16-140-20 | By 7.00 kg. iron rammer to remove all voids from soil.   | cum     | 55.24           | 54.25  | 54.25  | 50.28  |
| 71     | 16-150-00 | Compaction of earth in constructing/resectioning of embankment/ canal bank/road/river slopes etc. by mechanical equipment to attain 85% / 90% maximum dry density at optimum moisture content with reference to laboratory density test AASTHO-180 modified hammer in all kinds of soils as per direction of Engineer in charge.   | cum     | -               | -      | -      | -      |
| 71(1)  | 16-150-10 | 0.0m to 6.0m height and above, with 85% compaction.  | cum     | 43.86           | 43.86  | 43.86  | 43.78  |
| 71(2)  | 16-150-20 | 0.0m to 6.0m height and above, with 90% compaction.  | cum     | 66.29           | 66.29  | 66.29  | 66.17  |
| 72     | 16-160-00 | Extra rate for every additional lead of 15m or part thereof beyond the initial lead of 30m upto a maximum of 19 leads (3m neglected) for all kinds of earth work.  | pldcu m | 34.44           | 33.82  | 33.82  | 31.31  |
| 73     | 16-170-00 | Extra rate for every additional lift of 1.0m or part thereof beyond the initial lift of 1.5m (30cm neglected) for all kinds of earth work.   | pltcum  | 17.82           | 17.49  | 17.49  | 16.20  |
| 74     | 16-180-00 | Royalty of specified earth taken from private land (with prior permission of the Executive Engineer on production of royalty deeds with the land owner) from the area to be selected by the contractor with mutual agreement.  | cum     | 22.09           | 22.09  | 22.09  | 22.09  |
| 75     | 16-200-00 | Earth work by carried earth by truck/boat or any other means supplied at contractor's own cost (including royalty) in constructing/ resectioning of the embankment/ canal bank/ road etc. in clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) beyond the initial lead of 300m including throwing the spoils to a profile in layers not exceeding 150mm in thickness, breaking clods, benching the side slopes, stripping the base of embankment and borrow pit area, dug bailing, cutting trees upto 200mm girth with uprooting stumps, clearing jungles, bail out of water, rough dressing and 150mm cambering at the centre of the crest etc. complete as per | cum     | -               | -      | -      | -      |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|---|------|-----------------|--------|--------|--------|
|        |           |   |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | design, specification and direction of Engineer in charge.  |      |                 |        |        |        |
| 75(1)  | 16-200-10 | 300m. to 1.00 km.   | cum  | 494.24          | 488.78 | 488.78 | 466.76 |
| 75(2)  | 16-200-20 | 1.00 km. to 5.00 km. (Extra rate)   | cum  | 63.38           | 63.38  | 63.38  | 63.38  |
|        |           | Earth work by Carried Earth (by truck/boat or any other means) supplied at contractor's own cost (including royalty) in resectioning of embankment/ canal bank/ river slopes/ road/ compound etc. manually compacted by 7.0 kg iron rammer to avoid any air pocket with clayey soil (minimum 30% clay, 0-40% silt, 0-30% sand) beyond the initial lead of 300m and all lifts including throwing the spoils to profile in layers not exceeding 150mm thickness with clod breaking to a maximum size of 100mm, removing roots & stumps of trees of girth upto 200mm from the ground, benching the side slopes, stripping/ ploughing the base of embankment and borrowpit areas, dug bailing, bail out of water, rough dressing including 150mm cambering at the centre of the crest (where necessary) etc. complete as per direction of Engineer in charge. | cum  | -               | -      | -      |        |
| 76     | 16-210-00 | 300 m to 1.00 km.   | cum  | 549.48          | 543.02 | 543.02 | 517.05 |
|        |           | 1.00 km. to 5.00 km.(Extra rate).   | cum  | 63.38           | 63.38  | 63.38  | 63.38  |
| 76(1)  | 16-210-10 |   |      |                 |        |        |        |
| 76(2)  | 16-210-20 |   |      |                 |        |        |        |
|        |           | Earth work by carried earth (by truck/boat or any other means) supplied at contractor's own cost (including royalty) in constructing/ resectioning of the embankment/ canal bank/ road etc. compacted to 85%/90% maximum dry density at optimum moisture content with reference to laboratory density test AASHTO modified hammer, with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) beyond initial lead of 300m including throwing the spoils to profiles in layer not exceeding 230mm in thickness with clod breaking to maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of  | cum  | -               | -      | -      |        |
| 77     | 16-220-00 |   |      |                 |        |        |        |

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K O B R S A D M H T W

BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | girth upto 200mm, stripping/ploughing the base of embankment and borrow pit area, dug bailing, clearing jungles, bail out of water, rough dressing including 150mm cambering at the centre of crest with all leads and lifts complete (compaction will be done by the contractor with approved equipment including all ancillary charges for compaction and testing) as per direction of Engineer in charge.   |      |                 |        |        |        |
| 77(1)  | 16-220-10 | 300m to 1.00 km.(85% compaction)   | cum  | 497.84          | 493.25 | 493.25 | 474.66 |
| 77(2)  | 16-220-20 | 1.00 km.to 5.00 km. 85% compaction,(Extra rate).   | cum  | 88.12           | 88.12  | 88.12  | 88.12  |
| 77(3)  | 16-220-30 | 300m to 1.00 km. 90% compaction;   | cum  | 525.23          | 520.63 | 520.63 | 502.00 |
| 77(4)  | 16-220-40 | 1.00 km.to 5.00 km. 90% compaction, (Extra rate)   | cum  | 103.82          | 103.82 | 103.82 | 103.82 |
| 78     | 16-230-00 | Earth work by Mechanical Excavator (Long Boom ) in constructing/resectioning of embankment/canal bank/road etc. with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) within the initial lead of 30m, and all lifts including throwing the spoils to profiles in layers not exceeding 150mm in thickness, clod breaking upto a maximum size of 100mm, benching the side slopes, stripping/ploughing the base of embankment and borrow pit area, dug bailing, cutting trees upto 200mm girth, with uprooting stumps, clearing jungles, rough dressing and 150mm cambering at the centre of the crest etc. complete as per specification and direction of Engineer in charge. | cum  | -               | -      | -      | -      |
| 78(1)  | 16-230-10 | Embankment by mechanical excavator, ht: 0 to 4 m   | cum  | 173.49          | 172.75 | 172.75 | 169.28 |
| 78(2)  | 16-230-20 | Embankment by mechanical excavator, ht: 4 m above  | cum  | 208.29          | 207.41 | 207.41 | 203.23 |
| 79     | 16-240-00 | Earth work by Mechanical Excavator (Long Boon) in constructing/resectioning of embankment/canal bank/ road etc. compacted to 85%/90% maximum dry density at optimum moisture content, with   | cum  | -               | -      | -      | -      |

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BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | reference to laboratory density test AAHSTO modified hammer, with clayey soil(minm 30% clay, 0-40% silt, 0-30% sand) within the initial lead of 30m and all lifts including throwing the spoils to profiles in layers not exceeding 230mm in thickness with clod breaking to a maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of girth upto 200mm from the ground, stripping/ploughing the base of embankment and borrow pit area, dug bailing, rough dressing including 150mm cambering at the centre of crest etc. complete, including maintenance of the same for 6 months after completion, (compaction will be done by the contractor with approved equipment, including all ancillary charges for compaction and testing) as per direction of Engineer in charge. |      |                 |        |        |        |
| 79(1)  | 16-240-10 | Embankment by Mech. Equipment; ht: 0 to 4m; 85% comp.  | cum  | 203.76          | 203.27 | 203.27 | 200.70 |
| 79(2)  | 16-240-20 | Embk. by Mech. Equipment; ht: 4 to 6m & above; 85% comp.   | cum  | 235.95          | 235.36 | 235.36 | 232.29 |
| 79(3)  | 16-240-30 | Embk. by Mech. Equipment; ht: 0 to 4m; 90% comp.   | cum  | 210.50          | 210.01 | 210.01 | 207.40 |
| 79(4)  | 16-240-40 | Embk. by Mech. Equipment; ht: 4 to 6m & above; 90% comp.   | cum  | 242.69          | 242.10 | 242.10 | 238.99 |
| 80     | 16-250-00 | Earth work by carried earth (by truck/boat or any other means) supplied at contractor's own cost (including royalty) in constructing/resectioning of the embankment/ canal bank/ road etc. by Mechanical Excavator (Long Boon) compacted to 85%/90% maximum dry density at optimum moisture content with reference to laboratory density test AASHTO modified hammer, with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) beyond initial lead of 300m including throwing the spoils to profiles in layer not exceeding 230mm in thickness with clod breaking to maximum size of 100mm, benching the side slopes, removing roots and stumps of trees of girth upto 200mm, stripping/ploughing the base of embankment   | cum  | -               | -      | -      | -      |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

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 45

**BWDB Standard Schedule of Rates-2022**

| Sl. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | and borrow pit area, dug bailing, clearing jungles, rough dressing including 150mm cambering at the centre of crest with all leads and lifts complete (compaction will be done by the contractor with approved equipment including all ancillary charges for compaction and testing) as per direction of Engineer in charge.   |      |                 |        |        |        |
| 80(1)  | 16-250-10 | 300 m to 1 km and Embk. ht: 0 to 4 m with 85% Comp.  | cum  | 408.93          | 408.33 | 408.33 | 405.32 |
| 80(2)  | 16-250-20 | 300 m to 1 km and Embk. ht: 4 m above with 85% Comp.   | cum  | 441.11          | 440.42 | 440.42 | 436.91 |
| 80(3)  | 16-250-30 | 300 m to 1 km and Embk. ht: 0 to 4 m with 90% Comp.  | cum  | 415.67          | 415.07 | 415.07 | 412.02 |
| 80(4)  | 16-250-40 | 300 m to 1 km and Embk. ht: 4 m above with 90% Comp.   | cum  | 447.86          | 447.16 | 447.16 | 443.60 |
| 80(5)  | 16-250-50 | 1 km to 5 km and Embk. ht: 0 to 4 m with 85% Comp.   | cum  | 497.05          | 496.45 | 496.45 | 493.45 |
| 80(6)  | 16-250-60 | 1 km to 5 km and Embk. ht: 4 m above with 85% Comp.  | cum  | 529.24          | 528.54 | 528.54 | 525.03 |
| 80(7)  | 16-250-70 | 1 km to 5 km and Embk. ht: 0 to 4 m with 90% Comp.   | cum  | 503.79          | 503.19 | 503.19 | 500.15 |
| 80(8)  | 16-250-80 | 1 km to 5 km and Embk. ht: 4 m above with 90% Comp.  | cum  | 535.98          | 535.28 | 535.28 | 531.73 |
| 81     | 16-260-00 | Earth work by borrowing earth from river bed (all kind of soil but excluding organic material) and carried to site by any means by contractor constructing/re-sectioning of embankment with initial distance of 1.0 km and with all necessary lift including throwing the earth to profiles in layers not exceeding 150 mm in thickness with prior preparation of base of the embankment by stripping/ploughing, dug bailing, cutting trees up to 200 mm girth with uprooting stumps, clearing jungles, bailing out water, breaking clods, benching the side slopes, rough dressing and cambering the crest to a height of 150 mm at the center and compacting to 85%/90% minimum dry density at optimum moisture content with reference to laboratory density test AASHTO modified hammer with suitable equipment dressing etc complete as per design specification and direction of Engineer-in-charge. Location of river bed from where earth will be collected and quality of borrow | cum  | -               | -      | -      | -      |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

46

## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|---|------|-----------------|--------|--------|--------|
|        |           |   |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | soil must have prior approval from the Engineer-in-charge. In no circumstances, earth shall be borrowed from agricultural/homestead land. The borrow earth have to be collected from river bed by avoiding any detrimental impact on the river channel.   |      |                 |        |        |        |
| 81(1)  | 16-260-10 | Borrowed earth from river bed: upto to 1.00 km (85% compaction).  | cum  | 520.67          | 515.28 | 515.28 | 493.43 |
| 81(2)  | 16-260-20 | Borrowed earth from river bed: Beyond 1.00 km to 5.00 km, 85% compaction (extra rate).  | cum  | 88.12           | 88.12  | 88.12  | 88.12  |
| 81(3)  | 16-260-30 | Borrowed earth from river bed: From upto 1.00 km (90% compaction).  | cum  | 545.72          | 540.33 | 540.33 | 518.56 |
| 81(4)  | 16-260-40 | Borrowed earth from river bed: Beyond 1.00 km to 5.00 km, 90% compaction (extra rate).  | cum  | 103.82          | 103.82 | 103.82 | 103.82 |
| 82     | 16-310-00 | Providing clay blanket/clay core by carried earth supplied at contractor's own cost (including royalty) in different thickness over embankment crest and side slopes/embankment core/bed and slope of irrigation canal/crest and side slopes of irrigation canal dykes etc. with selected clay (clay content minimum 80% and silt content maximum 20%) including throwing clay in layers not exceeding 150mm in thickness, clod breaking, benching the side slopes, and compacting to 85% maximum dry density at optimum moisture content with suitable equipment, dressing etc. complete (clay blanket should be extended upto 0.5m below the berm on the outside of embankment/ irrigation canal dyke etc.) as per design, specification and direction of Engineer in charge. | cum  | -               | -      | -      | -      |
| 82(1)  | 16-310-10 | 0.00m to 3000m.   | cum  | 665.97          | 655.57 | 655.57 | 612.90 |
| 82(2)  | 16-310-20 | Carried by truck/boat or any means: 300m to 1.0km.  | cum  | 625.61          | 618.94 | 618.94 | 591.15 |
| 82(3)  | 16-310-30 | Carried by truck/boat or any means:1.0km.to 5.0km.(Extra rate)  | cum  | 60.03           | 60.03  | 60.03  | 60.03  |
| 83     | 16-320-00 | Providing clay cover by carried earth by any means in different thickness over the side slopes or crest of the embankment with selected soil (clay soil with a plasticity index between 10 and 20 % and liquid limit between 30 and 50% that falls above the A-Line in the Casagrande Plasticity Chart)   | cum  | -               | -      | -      | -      |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SqR (Schedule of Rates) for every Item.

must be followed as part of the SOR (Schedule of Rates) for every item.

BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|---|------|-----------------|--------|--------|--------|
|        |           |   |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | including throwing clay in layers not exceeding 230 mm in thickness, clod breaking, benching the side slopes and compacting to 90% minimum dry density at optimum moisture content with reference to laboratory density test AASHTO modified hammer with suitable equipment dressing etc. complete as per direction of Engineer-in-charge. Composition of specified soil must be confirmed by laboratory test (from a recognized Institute) before use. Compaction of the soil must also be confirmed by test (expenditure for all Test is the responsibility of contractor).   |      |                 |        |        |        |
| 83(1)  | 16-320-10 | Carried earth by any means: upto 1.00 km.   | cum  | 644.35          | 637.67 | 637.67 | 609.88 |
| 83(2)  | 16-320-20 | Carried earth by any means: Beyond 1.00 km to 5.00 km (Extra rate).   | cum  | 103.82          | 103.82 | 103.82 | 103.82 |
| 84     | 16-325-00 | Earth work by manual labour for clay cover in different thickness over the side slopes or crest of the embankment with selected soil (clay soil with a plasticity index between 10 and 20 % and liquid limit between 30 and 50% that falls above the A-Line in the Casagrande Plasticity Chart) including throwing clay in layers not exceeding 230 mm in thickness, clod breaking, benching the side slopes and compacting to 90% minimum dry density at optimum moisture content with reference to laboratory density test AASHTO modified hammer with suitable equipment dressing etc. complete as per direction of Engineer-in-charge. Composition of specified soil must be confirmed by laboratory test (from a recognized Institute) before use. Compaction of the soil must also be confirmed by test (expenditure for all Test is the responsibility of contractor). | cum  | -               | -      | -      | -      |
| 84(1)  | 16-325-10 | 0 m to 3 m height with 85% compaction.  | cum  | 292.68          | 288.19 | 288.19 | 270.04 |
| 84(2)  | 16-325-20 | 0 m to 4 m height with 85% compaction.  | cum  | 310.70          | 305.88 | 305.88 | 286.42 |
| 84(3)  | 16-325-30 | 0 m to 5 m height with 85% compaction.  | cum  | 328.78          | 323.64 | 323.64 | 302.86 |
| 84(4)  | 16-325-40 | 0 m to 6 m height & above with 85% compaction.  | cum  | 346.80          | 341.33 | 341.33 | 319.24 |

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48

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|---|------|-----------------|--------|--------|--------|
|        |           |   |      | Zone A          | Zone B | Zone C | Zone D |
| 84(5)  | 16-325-50 | 0 m to 3 m height with 90% compaction.  | cum  | 315.11          | 310.63 | 310.63 | 292.43 |
| 84(6)  | 16-325-60 | 0 m to 4 m height with 90% compaction.  | cum  | 333.13          | 328.32 | 328.32 | 308.81 |
| 84(7)  | 16-325-70 | 0 m to 5 m height with 90% compaction.  | cum  | 351.22          | 346.08 | 346.08 | 325.25 |
| 84(8)  | 16-325-80 | 0 m to 6 m height & above with 90% compaction.  | cum  | 369.24          | 363.77 | 363.77 | 341.63 |
| 85     | 16-330-00 | Earth work by carried earth by truck/boat or any other means) supplied at contractor's own cost (including royalty) beyond initial lead of 300m, in resectioning/ repair of old embankment/ road as per design and specification with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) including removal of weeds, bush etc. if any, breaking clods, dressing etc. complete with all leads and lifts as per direction of Engineer in charge. | cum  | -               | -      | -      | -      |
| 85(1)  | 16-330-10 | 300m to 1.00 km.  | cum  | 554.08          | 554.08 | 554.08 | 541.92 |
| 85(2)  | 16-330-20 | 1.00 km.to 5.00 km. (Extra rate)  | cum  | 66.94           | 66.94  | 66.94  | 66.94  |
| 86     | 16-340-00 | Earth work in closing ghogs or holes in the embankment or banks with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) including cutting, filling, watering etc. complete with all leads and lifts (only pit measurement will be allowed) as per direction of Engineer in charge.   | cum  | 156.11          | 153.31 | 153.31 | 141.98 |
| 87     | 16-350-00 | Earth work by manual labour with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) for closing breach or channel, with all leads and lifts within the channel width including profiling, clod breaking, ramming etc. complete as per specification and direction of Engineer in charge.   | cum  | -               | -      | -      | -      |
| 87(1)  | 16-350-10 | Upto 30m width.   | cum  | 218.79          | 214.85 | 214.85 | 198.96 |
| 87(2)  | 16-350-20 | Upto 45m width.   | cum  | 242.82          | 238.44 | 238.44 | 220.80 |
| 87(3)  | 16-350-30 | Upto 60m width.   | cum  | 266.84          | 262.03 | 262.03 | 242.64 |
| 87(4)  | 16-350-40 | Upto 75m width.   | cum  | 290.93          | 285.68 | 285.68 | 264.55 |
| 87(5)  | 16-350-50 | Upto 90m width.   | cum  | 315.03          | 309.34 | 309.34 | 286.45 |
| 88     | 16-360-00 | Earth work by carried earth (by truck/boat or any other means) supplied at contractor's own cost (including royalty) with clayey soil   | cum  | -               | -      | -      | -      |

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*K O A B C D E F G H I J L M N P Q R S T U V W Z*

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit   | Item Rate (Tk.) |          |          |          |
|--------|-----------|---|--------|-----------------|----------|----------|----------|
|        |           |   |        | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | (minimum 30% clay, 0-40% silt and 0-30% sand) in closing breach or channel for double handling in final closing with all leads and lifts including clod breaking, dressing and ramming etc. complete (applicable in case of final closing portion only) as per direction of Engineer in charge.   |        |                 |          |          |          |
| 88(1)  | 16-360-10 | 300m. to 1.00 km.   | cum    | 626.58          | 618.71   | 618.71   | 587.07   |
| 88(2)  | 16-360-20 | 1.00 km.to 5.00 km. (Extra rate)  | cum    | 63.38           | 63.38    | 63.38    | 63.38    |
| 89     | 16-370-00 | Earth work by carried (by truck/boat or any other means) earth supplied at contractor's own cost (including royalty) with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) for closing breach or channel with all leads and lifts within the channel width including clod breaking, ramming etc. complete beyond 300m from the centre of the channel as per direction of Engineer in charge. | cum    | -               | -        | -        | -        |
| 89(1)  | 16-370-10 | 300m to 1.00 km. (Extra rate)   | cum    | 482.23          | 476.98   | 476.98   | 455.84   |
| 89(2)  | 16-370-20 | 1.00 km.to 5.00 km. (Extra rate)  | cum    | 63.38           | 63.38    | 63.38    | 63.38    |
| 90     | 16-380-00 | Manufacturing, supplying and laying matha (average dia 0.9m) of golpata, straw and clayee soil tied with straw rope and fixing in position with bamboo of 60mm to 80mm dia and 3.0m to 3.7m long at 2.4m (average) apart for construction of closure dam etc. complete including the cost of all materials as per direction of Engineer in charge.  | cum    | 1,943.37        | 1,934.78 | 1,934.78 | 1,928.18 |
| 91     | 16-390-00 | Manufacturing and supplying packed straw bundles (average dia 0.9m and 1.20m long) tied with straw rope and laying in position for construction of closure dam etc. complete including the cost of all materials as per direction of Engineer in charge.  | bundle | 189.55          | 189.55   | 189.55   | 187.31   |
| 92     | 16-400-00 | Earth work by manual labour in all kinds of soil in excavation or reexcavation of channels with the initial lead of 30m and lift of 1.5m including levelling, dressing and throwing the spoils to profile with breaking clods, rough dressing, clearing jungles including cutting trees upto 200mm girth, dug bailing etc. complete as per direction of Engineer in charge.                           | cum    | 230.80          | 226.65   | 226.65   | 209.88   |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit    | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|---------|-----------------|--------|--------|--------|
|        |           |  |         | Zone A          | Zone B | Zone C | Zone D |
| 93     | 16-410-00 | Earth work by Mechanical Excavator ( Long Boom ) in all kinds of soil in excavation / re-excavation of channel/canal/khal etc. Including disposal of spoil-soil upto 30m away from the point of excavation with rough dressing and levelling etc. complete as per direction of Engineer-in-Charge. | cum     | 159.91          | 159.42 | 159.42 | 156.93 |
| 94     | 16-415-00 | Earth work by Amphibious Excavator in all kinds of soil in excavation / re-excavation of river/channel/canal/khal etc. Including disposal of spoil-soil upto 30m away from the point of excavation with rough dressing and levelling etc. complete as per direction of Engineer-in-Charge.         | cum     | 239.40          | 239.17 | 239.17 | 237.51 |
| 95     | 16-418-00 | Smooth dressing with rough compaction and making smooth slope on both side of spoil earth in layers not exceeding 150 mm thickness all complete as per direction of Engineer-In-Charge.  | sqm     | -               | -      | -      | -      |
| 95(1)  | 16-418-10 | By mechanical soil compactor machine   | sqm     | 26.60           | 26.48  | 26.48  | 25.88  |
| 95(2)  | 16-418-20 | By manual labour with 7.0 Kg Iron rammer   | sqm     | 40.08           | 39.39  | 39.39  | 36.55  |
| 96     | 16-420-00 | Extra Rate for every additional shift of Dredged/Excavated earth or shifting of earth by Mechanical Excavator ( Long Boom ) of 30m or part thereof beyond the initial shift of 30m upto a maximum of 9 shift for all kind of earthwork shift. (Unit: per shift per cum)                            | pspc    | 51.92           | 51.92  | 51.92  | 51.79  |
| 97     | 16-430-00 | Extra Rate for Carriage of Dredged earth/Excavated earth or shifting of earth by dump truck including loading, unloading complete as per direction of Engineer in charge.  | cum     | -               | -      | -      | -      |
| 97(1)  | 16-430-10 | Carriage by Dump Truck: Up to 1.0 km   | cum     | 98.12           | 98.12  | 98.12  | 97.19  |
| 97(2)  | 16-430-20 | Carriage by Dump Truck: 2nd Km and above.  | cum/k m | 60.25           | 60.25  | 60.25  | 59.77  |
| 98     | 16-440-00 | Extra Rate for Carriage of Dredged earth/Excavated earth by cargo/Engine boat or by any other means including loading, unloading complete as per direction of Engineer in charge.  | NULL    | -               | -      | -      | -      |
| 98(1)  | 16-440-10 | Carriage by Boat/Cargo: Up to 1.0 km   | cum     | 111.56          | 111.53 | 111.53 | 110.38 |

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BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit   | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|--------|-----------------|--------|--------|--------|
|        |           |  |        | Zone A          | Zone B | Zone C | Zone D |
| 98(2)  | 16-440-20 | Carriage by Boat/Cargo: 2nd Km and above.  | cum/km | 48.94           | 48.94  | 48.94  | 48.68  |
| 99     | 16-450-00 | Earth work by manual labour with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) in construction of cross bundh/ ring bundh as per design and specification with all leads and lifts, throwing the earth in layers not exceeding 150mm in thickness, including breaking clods, rough dressing, clearing the jungle, removing stumps, dug bailing and 75mm cambering etc. complete as per direction of Engineer in charge.  | cum    | 230.74          | 226.58 | 226.58 | 209.82 |
| 100    | 16-460-00 | Earth work by carried earth (by truck/boat or any other means) supplied at contractor's own cost (including royalty) in constructing cross bundh or ring bundh, with clayey soil (minimum 30% clay, 0-40% silt and 0-30% sand) beyond initial lead of 300m with all leads and lifts, throwing the earth in layer not exceeding 150mm in thickness, including clod breaking, benching the side slopes, rough dressing, clearing the jungles, removing the stumps, dug bailing and 75mm cambering etc. complete as per design specification and direction of Engineer in charge. | cum    | -               | -      | -      | -      |
| 100(1) | 16-460-10 | 300m to 1.00 km.   | cum    | 494.24          | 488.78 | 488.78 | 466.76 |
| 100(2) | 16-460-20 | 1.00 km. to 5.00 km. (Extra rate)  | cum    | 56.79           | 56.79  | 56.79  | 56.79  |
| 101    | 16-470-00 | Earth work by manual labour, in all kinds of soil in removing the cross bundh/ ring bundh, including all leads and lifts complete and placing the spoils to a safe distance, (minimum 15m apart from the bank) as per direction of Engineer in charge.   | cum    | 230.80          | 226.65 | 226.65 | 209.88 |
| 102    | 16-480-00 | Earth work in removal of slushy earth, including all leads and lifts form the bed of the sluices or any other places, in accordance with specification (prior permission from the Executive Engineer has to be taken before execution of the work regarding necessity and quantity of work) as per direction of Engineer in charge.  | cum    | 412.66          | 405.23 | 405.23 | 375.35 |
| 103    | 16-490-00 | Earth work by manual labour in all kinds of soil for excavation/ re-excavation of pond/ tank and   | cum    | -               | -      | -      | -      |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|---|------|-----------------|----------|----------|----------|
|        |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | constructing bank as per design and specification, throwing the spoil earth in layers of 150mm including breaking clods, dressing, profiling etc. complete with all leads and lifts as per direction of Engineer in charge.   |      |                 |          |          |          |
| 103(1) | 16-490-10 | For ordinary soil.  | cum  | 230.80          | 226.65   | 226.65   | 209.88   |
| 103(2) | 16-490-20 | For slushy or percolating soil.   | cum  | 290.87          | 285.62   | 285.62   | 264.49   |
| 104    | 16-540-00 | Supplying and filling sand in foundation of hydraulic structures, buildings and in protective works with selected sand, in 150mm thick layer, including levelling, dressing, ramming, watering etc. complete (compacted to 50% relative density by manual labour using mallet/ vibro compactor) as per direction of Engineer in charge. | cum  | -               | -        | -        | -        |
| 104(1) | 16-540-10 | sand of FM>=1.00  | cum  | 1,241.92        | 1,244.19 | 1,211.71 | 1,192.85 |
| 104(2) | 16-540-20 | sand of FM>=1.50  | cum  | 1,692.85        | 1,622.98 | 1,654.91 | 1,616.73 |
| 105    | 16-550-00 | Back filling in hydraulic structures and slope building in protective works including all leads and lifts with selected local soil in layer of 150mm including watering, ramming etc. complete compacted to 20% relative density by compactor or any other suitable method as per direction of Engineer in charge.                      | cum  | 254.06          | 249.91   | 249.80   | 234.24   |
| 106    | 16-560-00 | Back filling in hydraulic structures including all leads and lifts with sand in 150mm layer including watering, ramming, compacting to 30% relative density etc. complete by compactor or any other suitable method as per direction of Engineer in charge.   | cum  | -               | -        | -        | -        |
| 106(1) | 16-560-10 | Sand of FM>=0.50  | cum  | 1,007.36        | 1,008.34 | 1,001.63 | 982.77   |
| 106(2) | 16-560-20 | Sand of FM>=0.80  | cum  | 1,071.78        | 1,070.19 | 1,037.71 | 1,018.85 |
| 107    | 16-570-00 | Filling ditch/pond/channel/khal etc or land development/improvement by sand including carrying, loading, unloading, all leads and lift etc. complete as per direction of Engineer in charge.  | cum  | -               | -        | -        | -        |
| 107(1) | 16-570-10 | Sand of FM>=0.5   | cum  | 732.81          | 738.89   | 732.76   | 732.29   |
| 107(2) | 16-570-20 | Sand of FM>=0.8   | cum  | 794.16          | 797.79   | 767.11   | 766.65   |
| 108    | 16-620-00 | Shoring for slope protection of foundation trench, canal, embankment, road, pond etc. as per design slopes, grades including  | sqm  | -               | -        | -        | -        |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit   | Item Rate (Tk.) |          |          |          |
|--------|-----------|---|--------|-----------------|----------|----------|----------|
|        |           |   |        | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | removal of spoils to a safe distance as per direction of Engineer in charge.  |        |                 |          |          |          |
| 108(1) | 16-620-10 | By bamboo post of 6.0m length, 60mm to 80mm dia, 25 cm c/c and 2.0m drive with diagonally woven tarza walling and average 70mm dia half split bamboo batten @ 2.0m c/c fixed with nails.  | sqm    | 816.74          | 778.36   | 778.36   | 786.52   |
| 108(2) | 16-620-20 | By bamboo post of 6.0m length, 60mm to 80mm dia, 20cm c/c, driven 2.0m below ground, with drum sheet walling and average 70mm dia half split bamboo batten @ 2.0m c/c fixed with nails.   | sqm    | 965.52          | 922.54   | 922.54   | 933.46   |
| 108(3) | 16-620-30 | By local hard wood ballah post of 6.0m length, 125mm dia, 1.0m c/c, and 2.0m drive with 6.0m long bamboo of avarage 75mm dia, @ 1.0m c/c and 2.0m drive with drum sheet walling and average 70mm dia half split bamboo batten @ 2.0m c/c fixed with nails.  | sqm    | 1,117.12        | 1,066.15 | 1,066.15 | 1,072.48 |
| 109    | 16-700-00 | Ditch filling by manual labour manually compacted by 7.0 kg iron rammer to avoid any air pocket within the initial lead of 30m and all lifts including throwing the spoils to profile in layers with clod breaking to a maximum size of 100mm, removing roots & stumps of trees of girth upto 200mm from the ground etc. complete as per direction of Engineer in charge.   | cum    | 185.67          | 182.70   | 182.70   | 169.47   |
| 110    | 16-710-00 | Ditch filling by Carried Earth (by truck/boat or any other means) supplied at contractor's own cost (including royalty) manually compacted by 7.0 kg iron rammer to avoid any air pocket beyond the initial lead of 300m and all lifts including throwing the spoils to profile in layers with clod breaking to a maximum size of 100mm, removing roots & stumps of trees of girth upto 200mm from the ground etc. complete as per direction of Engineer in charge. | cum    | -               | -        | -        | -        |
| 110(1) | 16-710-10 | 300 m to 1.00 km.   | cum    | 241.41          | 240.33   | 240.33   | 234.92   |
| 110(2) | 16-710-20 | 1.00 km. to 5.00 km.(Extra rate).   | cum    | 63.38           | 63.38    | 63.38    | 63.38    |
| 111    | 16-720-00 | Filling ditch/pond/channel/khal etc or land development/improvement by dredged earth from river bed (all kind of soil but excluding organic material), carried by   | cum/km | -               | -        | -        | -        |

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**BWDB Standard Schedule of Rates-2022**

| SL. No                     | Item Code | Description of Item  | Unit   | Item Rate (Tk.) |        |        |        |
|----------------------------|-----------|--|--------|-----------------|--------|--------|--------|
|                            |           |  |        | Zone A          | Zone B | Zone C | Zone D |
|                            |           | Bulkhead/cargo/boat or any other mean, loading and unloading/Disposing/placing the dredged materials in the designated area upto 1 km from river bank by bulkhead dredger including , maintaining slopes, levelling and dressing in layers upto finished level with all lifts & leads etc. all complete as per direction of the Engineer in charge.  |        |                 |        |        |        |
| 111(1)                     | 16-720-10 | Bulkhead/cargo/boat or any other means: within 1 km along the river  | cum/km | 173.60          | 173.46 | 173.46 | 172.59 |
| 111(2)                     | 16-720-20 | Bulkhead/cargo/boat or any other means: 2nd km and above.  | cum/km | 5.33            | 5.31   | 5.31   | 5.16   |
| <b>40. Protective Work</b> |           |  |        |                 |        |        |        |
| 112                        | 40-100-00 | Manufacturing and supplying sand-cement block with cement and sand ( $FM \geq 1.5$ ), in 1:8 proportion, to attain a minimum 28 day strength of 1.8 N/mm <sup>2</sup> , including screening and washing sand, mixing, laying in forms, compacting, curing for at least 14 days, preparation of one layer of brick flat soling platform finishing with sand cement mortar, shuttering (steel shutter to be used) and stacking in measurable stacks, cost of all materials and charges, etc. complete as per technical specification, approved design and direction of Engineer in charge. | each   | -               | -      | -      | -      |
| 112(1)                     | 40-100-10 | Block Size: 40cmx40cmx30cm   | each   | 363.17          | 357.76 | 359.56 | 350.44 |
| 112(2)                     | 40-100-20 | Block Size: 30cmx30cmx30cm   | each   | 211.56          | 208.40 | 209.50 | 204.13 |
| 112(3)                     | 40-100-30 | Block Size: 30cmx30cmx20cm   | each   | 156.77          | 154.58 | 155.39 | 151.62 |
| 112(4)                     | 40-100-40 | Block Size: 25cmx25cmx25cm   | each   | 132.42          | 130.48 | 131.21 | 127.88 |
| 112(5)                     | 40-100-50 | Block Size: 20cmx20cmx20cm   | each   | 78.66           | 77.54  | 78.01  | 76.01  |
| 113                        | 40-110-00 | Manufacturing and supplying sand-cement block with cement and sand ( $FM \geq 1.5$ ), in 1:6 proportion, to attain a 28 day minimum strength of 2.5 N/mm <sup>2</sup> , including screening and washing sand, mixing, laying in forms, compacting, curing for at least 14 days, preparation of one layer of brick flat soling platform finishing with sand cement mortar, shuttering (steel shutter to be used) and stacking in measurable stacks, cost of all materials   | each   | -               | -      | -      | -      |

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*K O A B C D E F G H I J L M N P Q R S T U V W X Y Z*

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|--|------|-----------------|----------|----------|----------|
|        |           |  |      | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | and charges, etc. complete as per technical specification, approved design and direction of Engineer in charge.  |      |                 |          |          |          |
| 113(1) | 40-110-10 | Block Size: 40cmx40cmx30cm   | each | 401.99          | 396.84   | 398.47   | 389.57   |
| 113(2) | 40-110-20 | Block Size: 30cmx30cmx30cm   | each | 231.56          | 228.58   | 229.55   | 224.39   |
| 113(3) | 40-110-30 | Block Size: 30cmx30cmx20cm   | each | 167.84          | 165.80   | 166.49   | 162.91   |
| 113(4) | 40-110-40 | Block Size: 25cmx25cmx25cm   | each | 141.72          | 139.92   | 140.53   | 137.40   |
| 113(5) | 40-110-50 | Block Size: 20cmx20cmx20cm   | each | 82.10           | 81.10    | 81.47    | 79.65    |
| 114    | 40-120-00 | Labour charge for protective work in laying sand cement blocks of different sizes including preparation of base, ramming of base etc. complete as per direction of the Engineer in charge:   | cum  | -               | -        | -        | -        |
| 114(1) | 40-120-10 | Within 200m.   | cum  | 1,632.36        | 1,602.10 | 1,602.10 | 1,484.58 |
| 114(2) | 40-120-20 | 200 m to 500 m   | cum  | 2,558.61        | 2,511.50 | 2,511.50 | 2,326.62 |
| 115    | 40-130-00 | Manufacturing and supplying of brick blocks with first class brick in cement mortar (1:4), with sand of FM $\geq$ 1.5, including soaking, cleaning bricks properly, curing for at least 14 days, stacking at site etc. complete with supply of all materials and as per direction of Engineer in charge: | each | -               | -        | -        | -        |
| 115(1) | 40-130-10 | Block Size: 63cmx63cmx38cm   | each | 1,203.59        | 1,181.92 | 1,197.74 | 1,154.44 |
| 115(2) | 40-130-20 | Block Size: 63cmx63cmx30cm   | each | 952.51          | 935.35   | 947.88   | 913.60   |
| 115(3) | 40-130-30 | Block Size: 50cmx50cmx38cm   | each | 763.28          | 749.54   | 759.58   | 732.10   |
| 115(4) | 40-130-40 | Block Size: 50cmx50cmx30cm   | each | 605.27          | 594.36   | 602.33   | 580.53   |
| 115(5) | 40-130-50 | Block Size: 50cmx50cmx15cm   | each | 308.77          | 303.19   | 307.28   | 296.11   |
| 115(6) | 40-130-60 | Block Size: 38cmx38cmx30cm   | each | 354.24          | 347.83   | 352.52   | 339.71   |
| 115(7) | 40-130-65 | Block Size: 38cmx38cmx22cm   | each | 259.75          | 255.05   | 258.49   | 249.09   |
| 115(8) | 40-130-70 | Block Size: 38cmx38cmx15cm   | each | 183.41          | 180.08   | 182.53   | 175.88   |
| 115(9) | 40-130-80 | Block Size: 25cmx25cmx22cm   | each | 120.91          | 118.70   | 120.33   | 115.92   |
| 116    | 40-140-00 | Labour charge for placing brick blocks of all sizes, including preparation of base, ramming, watering etc. complete and including carriage within the site of the sluice or any protective work as per direction of Engineer in charge.  | cum  | -               | -        | -        | -        |
| 116(1) | 40-140-10 | Within 200 m.  | cum  | 1,616.91        | 1,586.93 | 1,586.93 | 1,470.53 |
| 116(2) | 40-140-20 | 200 m to 500 m   | cum  | 2,533.38        | 2,486.73 | 2,486.73 | 2,303.68 |
| 117    | 40-150-00 | Manufacturing and supplying C.C. blocks in leanest mix. 1:3:6, with cement, sand (FM $\geq$ 1.5) and Stone Chips (40mm down graded), to attain a minimum 28 days cylinder strength   | each | -               | -        | -        | -        |

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## BWDB Standard Schedule of Rates-2022

| SL. No  | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|---------|-----------|---|------|-----------------|----------|----------|----------|
|         |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
|         |           | of 9.0 N/mm <sup>2</sup> including grading, washing stone chips, mixing, laying in forms, consolidation, curing for at least 21 days, preparation of one layer of brick flat soling platform finishing with sand cement mortar, shuttering (steel shutter to be used) and stacking in measurable stacks, cost of all materials and charges, etc. complete as per technical specification, approved design and direction of Engineer in charge.  |      |                 |          |          |          |
| 117(1)  | 40-150-04 | Block Size: 60cmx60cmx40cm.   | each | 2,288.58        | 2,309.30 | 2,175.98 | 2,094.16 |
| 117(2)  | 40-150-05 | Block Size: 50cmx50cmx30cm.   | each | 1,189.82        | 1,200.59 | 1,131.28 | 1,088.74 |
| 117(3)  | 40-150-06 | Block Size: 40cmx40cmx30cm.   | each | 760.27          | 767.16   | 722.87   | 695.69   |
| 117(4)  | 40-150-10 | Block Size: 60cmx60cmx60cm.   | each | 3,424.14        | 3,455.13 | 3,255.67 | 3,133.24 |
| 117(5)  | 40-150-15 | Block Size: 50cmx50cmx50cm.   | each | 1,984.79        | 2,002.75 | 1,887.14 | 1,816.17 |
| 117(6)  | 40-150-20 | Block Size: 50cmx50cmx40cm.   | each | 1,585.03        | 1,599.37 | 1,507.04 | 1,450.37 |
| 117(7)  | 40-150-25 | Block Size: 45cmx45cmx45cm.   | each | 1,446.97        | 1,460.07 | 1,375.78 | 1,324.05 |
| 117(8)  | 40-150-30 | Block Size: 45cmx45cmx30cm.   | each | 962.58          | 971.29   | 915.22   | 880.80   |
| 117(9)  | 40-150-35 | Block Size: 40cmx40cmx40cm.   | each | 1,014.85        | 1,024.03 | 964.92   | 928.63   |
| 117(10) | 40-150-40 | Block Size: 40cmx40cmx20cm.   | each | 506.85          | 511.44   | 481.91   | 463.79   |
| 117(11) | 40-150-45 | Block Size: 35cmx35cmx35cm.   | each | 679.64          | 685.79   | 646.20   | 621.90   |
| 117(12) | 40-150-50 | Block Size: 30cmx30cmx30cm.   | each | 428.02          | 431.89   | 406.96   | 391.66   |
| 117(13) | 40-150-55 | Block Size: 30cmx30cmx15cm.   | each | 213.91          | 215.84   | 203.38   | 195.73   |
| 117(14) | 40-150-60 | Block Size: 25cmx25cmx25cm.   | each | 247.55          | 249.79   | 235.37   | 226.52   |
| 117(15) | 40-150-65 | Block Size: 20cmx20cmx20cm.   | each | 126.71          | 127.86   | 120.48   | 115.95   |
| 117(16) | 40-150-70 | Block Size: 45cmx45cmx20cm.   | each | 641.72          | 647.53   | 610.15   | 587.20   |
| 117(17) | 40-150-75 | Block Size: 40cmx40cmx15cm.   | each | 380.14          | 383.58   | 361.43   | 347.84   |
| 117(18) | 40-150-80 | Block Size: 50cmx50cmx60cm.   | each | 2,385.97        | 2,407.56 | 2,268.58 | 2,183.27 |
| 117(19) | 40-150-85 | Block Size: 50cmx50cmx25cm.   | each | 990.20          | 999.17   | 941.48   | 906.08   |
| 117(20) | 40-150-90 | Block Size: 50cmx50cmx20cm.   | each | 792.51          | 799.69   | 753.52   | 725.19   |
| 118     | 40-160-00 | Manufacturing and supplying C.C. blocks in leanest mix. 1:3:6, with cement, sand (FM>=1.5) and shingles (40mm down graded), to attain a minimum 28 days cylinder strength of 9.0 N/mm <sup>2</sup> including grading, washing shingles, mixing, laying in forms, consolidation, curing for at least 21 days, preparation of one layer of brick flat soling platform finishing with sand cement mortar, shuttering (steel shutter to be used) and stacking in measurable stacks, cost of all materials and charges, etc. complete as per | each | -               | -        | -        | -        |

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must be followed as part of the SOK (Schedule of Rates) for every item.

**BWDB Standard Schedule of Rates-2022**

| SL. No  | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|---------|-----------|---|------|-----------------|----------|----------|----------|
|         |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
|         |           | technical specification, approved design and direction of Engineer in charge.   |      |                 |          |          |          |
| 118(1)  | 40-160-04 | Block Size: 60cmx60cmx40cm  | each | 2,009.34        | 2,093.88 | 1,856.85 | 1,830.87 |
| 118(2)  | 40-160-05 | Block Size: 50cmx50cmx30cm  | each | 1,044.64        | 1,088.60 | 965.36   | 951.86   |
| 118(3)  | 40-160-06 | Block Size: 40cmx40cmx30cm  | each | 667.51          | 695.59   | 616.85   | 608.22   |
| 118(4)  | 40-160-10 | Block Size: 60cmx60cmx60cm  | each | 3,006.34        | 3,132.83 | 2,778.19 | 2,739.32 |
| 118(5)  | 40-160-15 | Block Size: 50cmx50cmx50cm  | each | 1,742.61        | 1,815.93 | 1,610.36 | 1,587.84 |
| 118(6)  | 40-160-20 | Block Size: 50cmx50cmx40cm  | each | 1,391.63        | 1,450.18 | 1,286.02 | 1,268.02 |
| 118(7)  | 40-160-25 | Block Size: 45cmx45cmx45cm  | each | 1,270.42        | 1,323.87 | 1,174.01 | 1,157.58 |
| 118(8)  | 40-160-30 | Block Size: 45cmx45cmx30cm  | each | 845.13          | 880.69   | 780.99   | 770.07   |
| 118(9)  | 40-160-35 | Block Size: 40cmx40cmx40cm  | each | 891.02          | 928.51   | 823.40   | 811.88   |
| 118(10) | 40-160-40 | Block Size: 40cmx40cmx20cm  | each | 445.01          | 463.73   | 411.23   | 405.48   |
| 118(11) | 40-160-45 | Block Size: 35cmx35cmx35cm  | each | 596.71          | 621.82   | 551.43   | 543.71   |
| 118(12) | 40-160-50 | Block Size: 30cmx30cmx30cm  | each | 375.79          | 391.60   | 347.27   | 342.41   |
| 118(13) | 40-160-55 | Block Size: 30cmx30cmx15cm  | each | 187.81          | 195.71   | 173.55   | 171.13   |
| 118(14) | 40-160-60 | Block Size: 25cmx25cmx25cm  | each | 217.35          | 226.49   | 200.85   | 198.04   |
| 118(15) | 40-160-65 | Block Size: 20cmx20cmx20cm  | each | 111.25          | 115.93   | 102.81   | 101.37   |
| 118(16) | 40-160-70 | Block Size: 45cmx45cmx20cm  | each | 563.42          | 587.13   | 520.66   | 513.38   |
| 118(17) | 40-160-75 | Block Size: 40cmx40cmx15cm  | each | 333.75          | 347.80   | 308.43   | 304.11   |
| 118(18) | 40-160-80 | Block Size: 50cmx50cmx60cm  | each | 2,094.84        | 2,182.98 | 1,935.86 | 1,908.78 |
| 118(19) | 40-160-85 | Block Size: 50cmx50cmx25cm  | each | 869.38          | 905.96   | 803.40   | 792.17   |
| 118(20) | 40-160-90 | Block Size: 50cmx50cmx20cm.   | each | 695.81          | 725.09   | 643.01   | 634.01   |
| 119     | 40-170-00 | Manufacturing and supplying C.C. blocks in leanest mix. 1:3:5.5 with cement, sand (FM $\geq$ 1.5) and Stone Chips (40mm down graded) to attain a 28 days cylinder strength of 10.5 N/mm <sup>2</sup> including grading, washing stone chips, mixing, laying in forms, consolidation, curing for at least 21 days, preparation of one layer of brick flat soiling platform finishing with sand cement mortar, shuttering (steel shutter to be used) and stacking in measurable stacks, cost of all materials and charges, etc. complete as per technical specification, approved design and direction of Engineer in charge. | each | -               | -        | -        | -        |
| 119(1)  | 40-170-04 | Block Size: 60cmx60cmx40cm  | each | 2,271.17        | 2,290.60 | 2,161.92 | 2,081.89 |
| 119(2)  | 40-170-05 | Block Size: 50cmx50cmx30cm  | each | 1,180.77        | 1,190.87 | 1,123.97 | 1,082.36 |
| 119(3)  | 40-170-06 | Block Size: 40cmx40cmx30cm  | each | 754.49          | 760.95   | 718.20   | 691.61   |
| 119(4)  | 40-170-10 | Block Size: 60cmx60cmx60cm  | each | 3,398.09        | 3,427.16 | 3,234.63 | 3,114.89 |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

*K C B S D A B K S D A C B D E F G H I J L M N O P Q R T U V W X Y Z*

## BWDB Standard Schedule of Rates-2022

| SL. No  | Item Code | Description of Item  | Unit | Item Rate (Tk.) |          |          |          |
|---------|-----------|--|------|-----------------|----------|----------|----------|
|         |           |  |      | Zone A          | Zone B   | Zone C   | Zone D   |
| 119(5)  | 40-170-15 | Block Size: 50cmx50cmx50cm   | each | 1,969.69        | 1,986.54 | 1,874.94 | 1,805.53 |
| 119(6)  | 40-170-20 | Block Size: 50cmx50cmx40cm   | each | 1,572.97        | 1,586.42 | 1,497.30 | 1,441.87 |
| 119(7)  | 40-170-25 | Block Size: 45cmx45cmx45cm   | each | 1,435.97        | 1,448.25 | 1,366.89 | 1,316.29 |
| 119(8)  | 40-170-30 | Block Size: 45cmx45cmx30cm   | each | 955.26          | 963.43   | 909.31   | 875.64   |
| 119(9)  | 40-170-35 | Block Size: 40cmx40cmx40cm   | each | 1,007.13        | 1,015.74 | 958.68   | 923.19   |
| 119(10) | 40-170-40 | Block Size: 40cmx40cmx20cm   | each | 502.99          | 507.30   | 478.80   | 461.07   |
| 119(11) | 40-170-45 | Block Size: 35cmx35cmx35cm   | each | 674.47          | 680.24   | 642.03   | 618.26   |
| 119(12) | 40-170-50 | Block Size: 30cmx30cmx30cm   | each | 424.76          | 428.40   | 404.33   | 389.36   |
| 119(13) | 40-170-55 | Block Size: 30cmx30cmx15cm   | each | 212.28          | 214.10   | 202.07   | 194.59   |
| 119(14) | 40-170-60 | Block Size: 25cmx25cmx25cm   | each | 245.67          | 247.77   | 233.85   | 225.19   |
| 119(15) | 40-170-65 | Block Size: 20cmx20cmx20cm   | each | 125.75          | 126.82   | 119.70   | 115.27   |
| 119(16) | 40-170-70 | Block Size: 45cmx45cmx20cm   | each | 636.84          | 642.29   | 606.20   | 583.76   |
| 119(17) | 40-170-75 | Block Size: 40cmx40cmx15cm   | each | 377.25          | 380.47   | 359.10   | 345.81   |
| 119(18) | 40-170-80 | Block Size: 50cmx50cmx60cm   | each | 2,367.82        | 2,388.08 | 2,253.92 | 2,170.48 |
| 119(19) | 40-170-85 | Block Size: 50cmx50cmx25cm   | each | 982.67          | 991.08   | 935.40   | 900.77   |
| 119(20) | 40-170-90 | Block Size: 50cmx50cmx20cm.  | each | 786.48          | 793.21   | 748.65   | 720.94   |
| 120     | 40-180-00 | Manufacturing and supplying C.C. blocks in leanest mix. 1:3:5.5 with cement, sand (FM $\geq$ 1.5) and shingles (40mm down graded) to attain a 28 days cylinder strength of 10.5 N/mm <sup>2</sup> including grading, washing shingles, mixing, laying in forms, consolidation, curing for at least 21 days, preparation of one layer of brick flat soling platform finishing with sand cement mortar, shuttering (steel shutter to be used) and stacking in measurable stacks, cost of all materials and charges, etc. complete as per technical specification, approved design and direction of Engineer in charge. | each | -               | -        | -        | -        |
| 120(1)  | 40-180-04 | Block Size: 60cmx60cmx40cm.  | each | 2,001.24        | 2,082.37 | 1,853.43 | 1,827.38 |
| 120(2)  | 40-180-05 | Block Size: 50cmx50cmx30cm.  | each | 1,040.43        | 1,082.61 | 963.58   | 950.04   |
| 120(3)  | 40-180-06 | Block Size: 40cmx40cmx30cm.  | each | 664.82          | 691.77   | 615.71   | 607.06   |
| 120(4)  | 40-180-10 | Block Size: 60cmx60cmx60cm.  | each | 2,994.22        | 3,115.60 | 2,773.06 | 2,734.10 |
| 120(5)  | 40-180-15 | Block Size: 50cmx50cmx50cm.  | each | 1,735.59        | 1,805.95 | 1,607.40 | 1,584.81 |
| 120(6)  | 40-180-20 | Block Size: 50cmx50cmx40cm.  | each | 1,386.02        | 1,442.21 | 1,283.64 | 1,265.61 |
| 120(7)  | 40-180-25 | Block Size: 45cmx45cmx45cm.  | each | 1,265.30        | 1,316.59 | 1,171.84 | 1,155.38 |
| 120(8)  | 40-180-30 | Block Size: 45cmx45cmx30cm.  | each | 841.72          | 875.85   | 779.55   | 768.60   |
| 120(9)  | 40-180-35 | Block Size: 40cmx40cmx40cm.  | each | 887.43          | 923.40   | 821.88   | 810.33   |
| 120(10) | 40-180-40 | Block Size: 40cmx40cmx20cm.  | each | 443.21          | 461.18   | 410.48   | 404.71   |
| 120(11) | 40-180-45 | Block Size: 35cmx35cmx35cm.  | each | 594.31          | 618.40   | 550.41   | 542.68   |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

~~K C O B D E on 20th Oct 2019~~ ~~20th Oct 2019~~

**BWDB Standard Schedule of Rates-2022**

| SL. No  | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|---------|-----------|---|------|-----------------|----------|----------|----------|
|         |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
| 120(12) | 40-180-50 | Block Size: 30cmx30cmx30cm.   | each | 374.28          | 389.45   | 346.63   | 341.76   |
| 120(13) | 40-180-55 | Block Size: 30cmx30cmx15cm.   | each | 187.05          | 194.63   | 173.23   | 170.80   |
| 120(14) | 40-180-60 | Block Size: 25cmx25cmx25cm.   | each | 216.47          | 225.25   | 200.48   | 197.66   |
| 120(15) | 40-180-65 | Block Size: 20cmx20cmx20cm.   | each | 110.80          | 115.29   | 102.62   | 101.18   |
| 120(16) | 40-180-70 | Block Size: 45cmx45cmx20cm.   | each | 561.15          | 583.90   | 519.70   | 512.40   |
| 120(17) | 40-180-75 | Block Size: 40cmx40cmx15cm.   | each | 332.41          | 345.88   | 307.86   | 303.53   |
| 120(18) | 40-180-80 | Block Size: 50cmx50cmx60cm.   | each | 2,086.40        | 2,170.98 | 1,932.29 | 1,905.14 |
| 120(19) | 40-180-85 | Block Size: 50cmx50cmx25cm.   | each | 865.88          | 900.98   | 801.92   | 790.66   |
| 120(20) | 40-180-90 | Block Size: 50cmx50cmx20cm.   | each | 693.01          | 721.10   | 641.82   | 632.80   |
| 121     | 40-190-00 | Manufacturing and supplying C.C. blocks in leanest mix. 1:2.5:5 with cement, sand (FM $\geq$ 1.5) and Stone Chips (40mm down graded) to attain a 28 days cylinder strength of 12 N/mm <sup>2</sup> including grading, washing stone chips, mixing, laying in forms, consolidation, curing for at least 21 days, preparation of one layer of brick flat soiling platform finishing with sand cement mortar, shuttering (steel shutter to be used) and stacking in measurable stacks, cost of all materials and charges, etc. complete as per technical specification, approved design and direction of Engineer in charge. | each | -               | -        | -        | -        |
| 121(1)  | 40-190-04 | Block Size: 60cmx60cmx40cm  | each | 2,328.03        | 2,348.28 | 2,217.19 | 2,136.32 |
| 121(2)  | 40-190-05 | Block Size: 50cmx50cmx30cm  | each | 1,210.33        | 1,220.86 | 1,152.71 | 1,110.66 |
| 121(3)  | 40-190-06 | Block Size: 40cmx40cmx30cm  | each | 773.38          | 780.11   | 736.56   | 709.69   |
| 121(4)  | 40-190-10 | Block Size: 60cmx60cmx60cm  | each | 3,483.16        | 3,513.46 | 3,317.33 | 3,196.33 |
| 121(5)  | 40-190-15 | Block Size: 50cmx50cmx50cm  | each | 2,019.00        | 2,036.56 | 1,922.88 | 1,852.74 |
| 121(6)  | 40-190-20 | Block Size: 50cmx50cmx40cm  | each | 1,612.35        | 1,626.37 | 1,535.58 | 1,479.57 |
| 121(7)  | 40-190-25 | Block Size: 45cmx45cmx45cm  | each | 1,471.92        | 1,484.72 | 1,401.84 | 1,350.71 |
| 121(8)  | 40-190-30 | Block Size: 45cmx45cmx30cm  | each | 979.17          | 987.69   | 932.55   | 898.54   |
| 121(9)  | 40-190-35 | Block Size: 40cmx40cmx40cm  | each | 1,032.34        | 1,041.32 | 983.19   | 947.33   |
| 121(10) | 40-190-40 | Block Size: 40cmx40cmx20cm  | each | 515.59          | 520.07   | 491.04   | 473.13   |
| 121(11) | 40-190-45 | Block Size: 35cmx35cmx35cm  | each | 691.35          | 697.37   | 658.44   | 634.42   |
| 121(12) | 40-190-50 | Block Size: 30cmx30cmx30cm  | each | 435.39          | 439.18   | 414.67   | 399.54   |
| 121(13) | 40-190-55 | Block Size: 30cmx30cmx15cm  | each | 217.59          | 219.49   | 207.23   | 199.68   |
| 121(14) | 40-190-60 | Block Size: 25cmx25cmx25cm  | each | 251.82          | 254.01   | 239.83   | 231.08   |
| 121(15) | 40-190-65 | Block Size: 20cmx20cmx20cm  | each | 128.90          | 130.02   | 122.76   | 118.28   |
| 121(16) | 40-190-70 | Block Size: 45cmx45cmx20cm  | each | 652.78          | 658.46   | 621.70   | 599.03   |
| 121(17) | 40-190-75 | Block Size: 40cmx40cmx15cm  | each | 386.69          | 390.05   | 368.28   | 354.85   |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

K O B R K on *[Handwritten signatures and initials]*

**BWDB Standard Schedule of Rates-2022**

| SL. No  | Item Code | Description of Item  | Unit | Item Rate (Tk.) |          |          |          |
|---------|-----------|--|------|-----------------|----------|----------|----------|
|         |           |  |      | Zone A          | Zone B   | Zone C   | Zone D   |
| 121(18) | 40-190-80 | Block Size: 50cmx50cmx60cm   | each | 2,427.09        | 2,448.21 | 2,311.54 | 2,227.23 |
| 121(19) | 40-190-85 | Block Size: 50cmx50cmx25cm   | each | 1,007.27        | 1,016.03 | 959.32   | 924.32   |
| 121(20) | 40-190-90 | Block Size: 50cmx50cmx20cm   | each | 806.17          | 813.19   | 767.79   | 739.79   |
| 122     | 40-200-00 | Manufacturing and supplying C.C. blocks in leanest mix. 1:2.5:5 with cement, sand (FM $\geq$ 1.5) and shingles (40mm down graded) to attain a 28 days cylinder strength of 12 N/mm $^2$ including grading, washing shingles, mixing, laying in forms, consolidation, curing for at least 21 days, preparation of one layer of brick flat soling platform finishing with sand cement mortar, shuttering (steel shutter to be used) and stacking in measurable stacks, cost of all materials and charges, etc. complete as per technical specification, approved design and direction of Engineer in charge. | each | -               | -        | -        | -        |
| 122(1)  | 40-200-04 | Block Size: 60cmx60cmx40cm   | each | 2,053.44        | 2,136.46 | 1,903.38 | 1,877.42 |
| 122(2)  | 40-200-05 | Block Size: 50cmx50cmx30cm   | each | 1,067.57        | 1,110.73 | 989.55   | 976.06   |
| 122(3)  | 40-200-06 | Block Size: 40cmx40cmx30cm   | each | 682.16          | 709.74   | 632.31   | 623.69   |
| 122(4)  | 40-200-10 | Block Size: 60cmx60cmx60cm   | each | 3,072.32        | 3,196.53 | 2,847.80 | 2,808.97 |
| 122(5)  | 40-200-15 | Block Size: 50cmx50cmx50cm   | each | 1,780.86        | 1,852.86 | 1,650.72 | 1,628.21 |
| 122(6)  | 40-200-20 | Block Size: 50cmx50cmx40cm   | each | 1,422.17        | 1,479.67 | 1,318.24 | 1,300.26 |
| 122(7)  | 40-200-25 | Block Size: 45cmx45cmx45cm   | each | 1,298.30        | 1,350.79 | 1,203.43 | 1,187.02 |
| 122(8)  | 40-200-30 | Block Size: 45cmx45cmx30cm   | each | 863.68          | 898.60   | 800.56   | 789.65   |
| 122(9)  | 40-200-35 | Block Size: 40cmx40cmx40cm   | each | 910.58          | 947.39   | 844.03   | 832.52   |
| 122(10) | 40-200-40 | Block Size: 40cmx40cmx20cm   | each | 454.77          | 473.16   | 421.54   | 415.79   |
| 122(11) | 40-200-45 | Block Size: 35cmx35cmx35cm   | each | 609.81          | 634.46   | 565.25   | 557.54   |
| 122(12) | 40-200-50 | Block Size: 30cmx30cmx30cm   | each | 384.04          | 399.57   | 355.98   | 351.12   |
| 122(13) | 40-200-55 | Block Size: 30cmx30cmx15cm   | each | 191.93          | 199.69   | 177.90   | 175.48   |
| 122(14) | 40-200-60 | Block Size: 25cmx25cmx25cm   | each | 222.12          | 231.10   | 205.88   | 203.08   |
| 122(15) | 40-200-65 | Block Size: 20cmx20cmx20cm   | each | 113.69          | 118.29   | 105.38   | 103.95   |
| 122(16) | 40-200-70 | Block Size: 45cmx45cmx20cm   | each | 575.79          | 599.06   | 533.71   | 526.43   |
| 122(17) | 40-200-75 | Block Size: 40cmx40cmx15cm   | each | 341.08          | 354.87   | 316.15   | 311.84   |
| 122(18) | 40-200-80 | Block Size: 50cmx50cmx60cm   | each | 2,140.82        | 2,227.37 | 1,984.37 | 1,957.31 |
| 122(19) | 40-200-85 | Block Size: 50cmx50cmx25cm   | each | 888.46          | 924.38   | 823.54   | 812.31   |
| 122(20) | 40-200-90 | Block Size: 50cmx50cmx20cm   | each | 711.09          | 739.83   | 659.12   | 650.13   |
| 123     | 40-210-00 | Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4 with cement, sand (FM $\geq$ 1.5) and Stone Chips (40mm down graded) to attain a 28 days cylinder strength of 15 N/mm $^2$ including grading, washing stone  | each | -               | -        | -        | -        |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every item.

K O B S A M R D H M P L T S J D C B W

**BWDB Standard Schedule of Rates-2022**

| SL. No  | Item Code | Description of Item  | Unit | Item Rate (Tk.) |          |          |          |
|---------|-----------|--|------|-----------------|----------|----------|----------|
|         |           |  |      | Zone A          | Zone B   | Zone C   | Zone D   |
|         |           | chips, mixing, laying in forms, consolidation, curing for at least 21 days, preparation of one layer of brick flat soling platform finishing with sand cement mortar, shuttering (steel shutter to be used) and stacking in measurable stacks, cost of all materials and charges, etc. complete as per technical specification, approved design and direction of Engineer in charge.                           |      |                 |          |          |          |
| 123(1)  | 40-210-01 | Block Size: 100cmx80cmx60cm.   | each | 7,922.33        | 7,986.87 | 7,563.80 | 7,300.36 |
| 123(2)  | 40-210-02 | Block Size: 90cmx90cmx60cm.  | each | 8,058.92        | 8,124.58 | 7,694.21 | 7,426.22 |
| 123(3)  | 40-210-03 | Block Size: 75cmx75cmx75cm.  | each | 6,976.38        | 7,033.22 | 6,660.66 | 6,428.67 |
| 123(4)  | 40-210-04 | Block Size: 60cmx60cmx40cm.  | each | 2,384.78        | 2,404.21 | 2,276.86 | 2,197.56 |
| 123(5)  | 40-210-05 | Block Size: 50cmx50cmx30cm.  | each | 1,239.83        | 1,249.94 | 1,183.73 | 1,142.50 |
| 123(6)  | 40-210-06 | Block Size: 40cmx40cmx30cm.  | each | 792.23          | 798.69   | 756.38   | 730.04   |
| 123(7)  | 40-210-10 | Block Size: 60cmx60cmx60cm.  | each | 3,568.07        | 3,597.14 | 3,406.60 | 3,287.95 |
| 123(8)  | 40-210-15 | Block Size: 50cmx50cmx50cm.  | each | 2,068.22        | 2,085.07 | 1,974.62 | 1,905.84 |
| 123(9)  | 40-210-20 | Block Size: 50cmx50cmx40cm.  | each | 1,651.65        | 1,665.11 | 1,576.91 | 1,521.98 |
| 123(10) | 40-210-25 | Block Size: 45cmx45cmx45cm.  | each | 1,507.80        | 1,520.08 | 1,439.56 | 1,389.42 |
| 123(11) | 40-210-30 | Block Size: 45cmx45cmx30cm.  | each | 1,003.04        | 1,011.21 | 957.65   | 924.29   |
| 123(12) | 40-210-35 | Block Size: 40cmx40cmx40cm.  | each | 1,057.51        | 1,066.12 | 1,009.65 | 974.48   |
| 123(13) | 40-210-40 | Block Size: 40cmx40cmx20cm.  | each | 528.16          | 532.46   | 504.25   | 486.69   |
| 123(14) | 40-210-45 | Block Size: 35cmx35cmx35cm.  | each | 708.21          | 713.98   | 676.16   | 652.61   |
| 123(15) | 40-210-50 | Block Size: 30cmx30cmx30cm.  | each | 446.01          | 449.64   | 425.82   | 410.99   |
| 123(16) | 40-210-55 | Block Size: 30cmx30cmx15cm.  | each | 222.90          | 224.71   | 212.81   | 205.40   |
| 123(17) | 40-210-60 | Block Size: 25cmx25cmx25cm.  | each | 257.96          | 260.06   | 246.28   | 237.70   |
| 123(18) | 40-210-65 | Block Size: 20cmx20cmx20cm.  | each | 132.04          | 133.11   | 126.06   | 121.67   |
| 123(19) | 40-210-70 | Block Size: 45cmx45cmx20cm.  | each | 668.69          | 674.14   | 638.43   | 616.20   |
| 123(20) | 40-210-75 | Block Size: 40cmx40cmx15cm.  | each | 396.12          | 399.34   | 378.19   | 365.02   |
| 123(21) | 40-210-80 | Block Size: 50cmx50cmx60cm.  | each | 2,486.26        | 2,506.52 | 2,373.75 | 2,291.07 |
| 123(22) | 40-210-85 | Block Size: 50cmx50cmx25cm.  | each | 1,031.83        | 1,040.23 | 985.13   | 950.82   |
| 123(23) | 40-210-90 | Block Size: 50cmx50cmx20cm.  | each | 825.83          | 832.55   | 788.45   | 760.99   |
| 124     | 40-220-00 | Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4 with cement, sand (FM $\geq$ 1.5) and Shingles (40mm down graded) to attain a 28 days cylinder strength of 15 N/mm $^2$ including grading, washing stone chips, mixing, laying in forms, consolidation, curing for at least 21 days, preparation of one layer of brick flat soling platform finishing with sand cement mortar, shuttering (steel | each | -               | -        | -        | -        |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

BWDB Standard Schedule of Rates-2022

| SL. No  | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|---------|-----------|---|------|-----------------|----------|----------|----------|
|         |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
|         |           | shutter to be used) and stacking in measurable stacks, cost of all materials and charges, etc. complete as per technical specification, approved design and direction of Engineer in charge.  |      |                 |          |          |          |
| 124(1)  | 40-220-01 | Block Size: 100cmx80cmx60cm.  | each | 7,035.91        | 7,303.06 | 6,550.75 | 6,464.59 |
| 124(2)  | 40-220-02 | Block Size: 90cmx90cmx60cm.   | each | 7,157.22        | 7,428.98 | 6,663.69 | 6,576.04 |
| 124(3)  | 40-220-03 | Block Size: 75cmx75cmx75cm.   | each | 6,195.80        | 6,431.05 | 5,768.57 | 5,692.69 |
| 124(4)  | 40-220-04 | Block Size: 60cmx60cmx40cm.   | each | 2,117.95        | 2,198.37 | 1,971.91 | 1,945.97 |
| 124(5)  | 40-220-05 | Block Size: 50cmx50cmx30cm.   | each | 1,101.11        | 1,142.92 | 1,025.18 | 1,011.70 |
| 124(6)  | 40-220-06 | Block Size: 40cmx40cmx30cm.   | each | 703.59          | 730.31   | 655.07   | 646.46   |
| 124(7)  | 40-220-10 | Block Size: 60cmx60cmx60cm.   | each | 3,168.84        | 3,289.16 | 2,950.34 | 2,911.53 |
| 124(8)  | 40-220-15 | Block Size: 50cmx50cmx50cm.   | each | 1,836.81        | 1,906.55 | 1,710.15 | 1,687.66 |
| 124(9)  | 40-220-20 | Block Size: 50cmx50cmx40cm.   | each | 1,466.85        | 1,522.55 | 1,365.70 | 1,347.74 |
| 124(10) | 40-220-25 | Block Size: 45cmx45cmx45cm.   | each | 1,339.09        | 1,389.94 | 1,246.76 | 1,230.36 |
| 124(11) | 40-220-30 | Block Size: 45cmx45cmx30cm.   | each | 890.81          | 924.64   | 829.39   | 818.48   |
| 124(12) | 40-220-35 | Block Size: 40cmx40cmx40cm.   | each | 939.18          | 974.84   | 874.42   | 862.92   |
| 124(13) | 40-220-40 | Block Size: 40cmx40cmx20cm.   | each | 469.06          | 486.87   | 436.72   | 430.97   |
| 124(14) | 40-220-45 | Block Size: 35cmx35cmx35cm.   | each | 628.97          | 652.85   | 585.60   | 577.89   |
| 124(15) | 40-220-50 | Block Size: 30cmx30cmx30cm.   | each | 396.11          | 411.15   | 368.79   | 363.94   |
| 124(16) | 40-220-55 | Block Size: 30cmx30cmx15cm.   | each | 197.96          | 205.47   | 184.31   | 181.88   |
| 124(17) | 40-220-60 | Block Size: 25cmx25cmx25cm.   | each | 229.09          | 237.79   | 213.30   | 210.49   |
| 124(18) | 40-220-65 | Block Size: 20cmx20cmx20cm.   | each | 117.27          | 121.72   | 109.18   | 107.74   |
| 124(19) | 40-220-70 | Block Size: 45cmx45cmx20cm.   | each | 593.87          | 616.42   | 552.92   | 545.65   |
| 124(20) | 40-220-75 | Block Size: 40cmx40cmx15cm.   | each | 351.80          | 365.15   | 327.54   | 323.23   |
| 124(21) | 40-220-80 | Block Size: 50cmx50cmx60cm.   | each | 2,208.08        | 2,291.92 | 2,055.82 | 2,028.78 |
| 124(22) | 40-220-85 | Block Size: 50cmx50cmx25cm.   | each | 916.38          | 951.17   | 853.19   | 841.97   |
| 124(23) | 40-220-90 | Block Size: 50cmx50cmx20cm.   | each | 733.42          | 761.27   | 682.85   | 673.87   |
| 125     | 40-230-00 | Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4 with cement, sand (FM $\geq$ 2.0) and Stone Chips (40mm down graded) to attain a 28 days cylinder strength of 18 N/mm <sup>2</sup> including grading, washing stone chips, mixing, laying in forms, consolidation, curing for at least 21 days, preparation of one layer of brick flat soiling platform finishing with sand cement mortar, shuttering (steel shutter to be used) and stacking in measurable stacks, cost of all materials and charges, etc. complete as per technical specification, approved | each | -               | -        | -        | -        |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| SL. No  | Item Code | Description of Item  | Unit | Item Rate (Tk.) |          |          |          |
|---------|-----------|--|------|-----------------|----------|----------|----------|
|         |           |  |      | Zone A          | Zone B   | Zone C   | Zone D   |
|         |           | design and direction of Engineer in charge.  |      |                 |          |          |          |
| 125(1)  | 40-230-01 | Block Size: 100cmx80cmx60cm.   | each | 8,101.68        | 8,162.63 | 7,739.56 | 7,474.58 |
| 125(2)  | 40-230-02 | Block Size: 90cmx90cmx60cm.  | each | 8,241.36        | 8,303.37 | 7,873.00 | 7,603.45 |
| 125(3)  | 40-230-03 | Block Size: 75cmx75cmx75cm.  | each | 7,134.31        | 7,187.99 | 6,815.44 | 6,582.09 |
| 125(4)  | 40-230-04 | Block Size: 60cmx60cmx40cm.  | each | 2,438.77        | 2,457.12 | 2,329.77 | 2,250.00 |
| 125(5)  | 40-230-05 | Block Size: 50cmx50cmx30cm.  | each | 1,267.90        | 1,277.44 | 1,211.23 | 1,169.76 |
| 125(6)  | 40-230-06 | Block Size: 40cmx40cmx30cm.  | each | 810.17          | 816.26   | 773.96   | 747.46   |
| 125(7)  | 40-230-10 | Block Size: 60cmx60cmx60cm.  | each | 3,648.85        | 3,676.30 | 3,485.76 | 3,366.41 |
| 125(8)  | 40-230-15 | Block Size: 50cmx50cmx50cm.  | each | 2,115.04        | 2,130.95 | 2,020.51 | 1,951.33 |
| 125(9)  | 40-230-20 | Block Size: 50cmx50cmx40cm.  | each | 1,689.04        | 1,701.75 | 1,613.55 | 1,558.30 |
| 125(10) | 40-230-25 | Block Size: 45cmx45cmx45cm.  | each | 1,541.93        | 1,553.53 | 1,473.01 | 1,422.58 |
| 125(11) | 40-230-30 | Block Size: 45cmx45cmx30cm.  | each | 1,025.75        | 1,033.47 | 979.90   | 946.35   |
| 125(12) | 40-230-35 | Block Size: 40cmx40cmx40cm.  | each | 1,081.45        | 1,089.58 | 1,033.11 | 997.74   |
| 125(13) | 40-230-40 | Block Size: 40cmx40cmx20cm.  | each | 540.11          | 544.18   | 515.97   | 498.31   |
| 125(14) | 40-230-45 | Block Size: 35cmx35cmx35cm.  | each | 724.24          | 729.69   | 691.87   | 668.18   |
| 125(15) | 40-230-50 | Block Size: 30cmx30cmx30cm.  | each | 456.11          | 459.54   | 435.72   | 420.80   |
| 125(16) | 40-230-55 | Block Size: 30cmx30cmx15cm.  | each | 227.94          | 229.66   | 217.76   | 210.30   |
| 125(17) | 40-230-60 | Block Size: 25cmx25cmx25cm.  | each | 263.80          | 265.78   | 252.01   | 243.38   |
| 125(18) | 40-230-65 | Block Size: 20cmx20cmx20cm.  | each | 135.03          | 136.04   | 128.99   | 124.58   |
| 125(19) | 40-230-70 | Block Size: 45cmx45cmx20cm.  | each | 683.83          | 688.98   | 653.27   | 630.90   |
| 125(20) | 40-230-75 | Block Size: 40cmx40cmx15cm.  | each | 405.08          | 408.13   | 386.98   | 373.73   |
| 125(21) | 40-230-80 | Block Size: 50cmx50cmx60cm.  | each | 2,542.55        | 2,561.68 | 2,428.91 | 2,345.74 |
| 125(22) | 40-230-85 | Block Size: 50cmx50cmx25cm.  | each | 1,055.19        | 1,063.12 | 1,008.02 | 973.51   |
| 125(23) | 40-230-90 | Block Size: 50cmx50cmx20cm.  | each | 844.52          | 850.88   | 806.77   | 779.15   |
| 126     | 40-240-00 | Manufacturing and supplying C.C. blocks in leanest mix. 1:2:4 with cement, sand (FM>=2.0) and Shingles (40mm down graded) to attain a 28 days cylinder strength of 18 N/mm <sup>2</sup> including grading, washing stone shingles, mixing, laying in forms, consolidation, curing for at least 21 days, preparation of one layer of brick flat soling platform finishing with sand cement mortar, shuttering (steel shutter to be used) and stacking in measurable stacks, cost of all materials and charges, etc. complete as per technical specification, approved design and direction of Engineer in charge. | each | -               | -        | -        | -        |
| 126(1)  | 40-240-01 | Block Size: 100cmx80cmx60cm.   | each | 7,215.25        | 7,478.82 | 6,726.51 | 6,638.81 |
| 126(2)  | 40-240-02 | Block Size: 90cmx90cmx60cm.  | each | 7,339.65        | 7,607.77 | 6,842.48 | 6,753.27 |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| Sl. No  | Item Code | Description of Item  | Unit | Item Rate (Tk.) |           |           |           |
|---------|-----------|--|------|-----------------|-----------|-----------|-----------|
|         |           |  |      | Zone A          | Zone B    | Zone C    | Zone D    |
| 126(3)  | 40-240-03 | Block Size: 75cmx75cmx75cm.  | each | 6,353.73        | 6,585.83  | 5,923.34  | 5,846.11  |
| 126(4)  | 40-240-04 | Block Size: 60cmx60cmx40cm.  | each | 2,171.94        | 2,251.28  | 2,024.82  | 1,998.42  |
| 126(5)  | 40-240-05 | Block Size: 50cmx50cmx30cm.  | each | 1,129.18        | 1,170.43  | 1,052.69  | 1,038.96  |
| 126(6)  | 40-240-06 | Block Size: 40cmx40cmx30cm.  | each | 721.53          | 747.88    | 672.65    | 663.88    |
| 126(7)  | 40-240-10 | Block Size: 60cmx60cmx60cm.  | each | 3,249.62        | 3,368.32  | 3,029.50  | 2,990.00  |
| 126(8)  | 40-240-15 | Block Size: 50cmx50cmx50cm.  | each | 1,883.63        | 1,952.44  | 1,756.04  | 1,733.14  |
| 126(9)  | 40-240-20 | Block Size: 50cmx50cmx40cm.  | each | 1,504.24        | 1,559.19  | 1,402.35  | 1,384.06  |
| 126(10) | 40-240-25 | Block Size: 45cmx45cmx45cm.  | each | 1,373.23        | 1,423.39  | 1,280.21  | 1,263.51  |
| 126(11) | 40-240-30 | Block Size: 45cmx45cmx30cm.  | each | 913.52          | 946.89    | 851.64    | 840.54    |
| 126(12) | 40-240-35 | Block Size: 40cmx40cmx40cm.  | each | 963.12          | 998.30    | 897.88    | 886.18    |
| 126(13) | 40-240-40 | Block Size: 40cmx40cmx20cm.  | each | 481.02          | 498.59    | 448.43    | 442.59    |
| 126(14) | 40-240-45 | Block Size: 35cmx35cmx35cm.  | each | 645.00          | 668.56    | 601.31    | 593.47    |
| 126(15) | 40-240-50 | Block Size: 30cmx30cmx30cm.  | each | 406.20          | 421.04    | 378.69    | 373.75    |
| 126(16) | 40-240-55 | Block Size: 30cmx30cmx15cm.  | each | 203.00          | 210.42    | 189.25    | 186.79    |
| 126(17) | 40-240-60 | Block Size: 25cmx25cmx25cm.  | each | 234.93          | 243.52    | 219.02    | 216.16    |
| 126(18) | 40-240-65 | Block Size: 20cmx20cmx20cm.  | each | 120.25          | 124.65    | 112.11    | 110.65    |
| 126(19) | 40-240-70 | Block Size: 45cmx45cmx20cm.  | each | 609.01          | 631.26    | 567.76    | 560.36    |
| 126(20) | 40-240-75 | Block Size: 40cmx40cmx15cm.  | each | 360.76          | 373.94    | 336.33    | 331.94    |
| 126(21) | 40-240-80 | Block Size: 50cmx50cmx60cm.  | each | 2,264.36        | 2,347.08  | 2,110.98  | 2,083.46  |
| 126(22) | 40-240-85 | Block Size: 50cmx50cmx25cm.  | each | 939.73          | 974.06    | 876.08    | 864.66    |
| 126(23) | 40-240-90 | Block Size: 50cmx50cmx20cm.  | each | 752.12          | 779.59    | 701.17    | 692.03    |
| 127     | 40-246-00 | Manufacturing and supplying C.C. blocks of different sizes and shapes in leanest mix. 1:2:4 with cement, sand (FM>=2.0) and Stone Chips (40mm down graded) to attain a 28 days cylinder strength of 18 N/mm <sup>2</sup> including grading, washing stone chips, mixing, laying in forms, consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurable stacks etc. complete including supply of all materials (steel shutter to be used) as per direction of Engineer in charge. | each | -               | -         | -         | -         |
| 127(1)  | 40-246-10 | L shape block: Size (50-100)cmx(50-100)cmx150cm, Vol: 1.125 cum  | each | 18,189.21       | 18,343.61 | 17,309.90 | 16,691.21 |
| 128     | 40-250-00 | Supplying local hard rock (Maddhapara, mini. unit weight of 2700 kg/cum) at work site including all modes of carriages, handling, loading, unloading and stacking in measurable stacks as per specified size ranges including all taxes etc complete   | cum  | -               | -         | -         | -         |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |           |           |          |
|--------|-----------|--|------|-----------------|-----------|-----------|----------|
|        |           |  |      | Zone A          | Zone B    | Zone C    | Zone D   |
|        |           | (deduction for voids will be made at the rate mentioned against each size range for arriving at actual volume) as per direction of Engineer in Charge.   |      |                 |           |           |          |
| 128(1) | 40-250-10 | 10cm to 15cm size; void 10 %   | cum  | 8,834.59        | 10,184.32 | 10,184.32 | 7,730.27 |
| 128(2) | 40-250-20 | 15cm to 22cm size; void 12 %   | cum  | 8,834.59        | 10,184.32 | 10,184.32 | 7,730.27 |
| 128(3) | 40-250-30 | 22cm to 30cm size; void 15 %   | cum  | 8,834.59        | 10,184.32 | 10,184.32 | 7,730.27 |
| 128(4) | 40-250-40 | 30cm to 45cm size; void 20 %   | cum  | 8,834.59        | 10,184.32 | 10,184.32 | 7,730.27 |
| 128(5) | 40-250-50 | 45cm to 60cm size ; void 20 %  | cum  | 8,834.59        | 10,184.32 | 10,184.32 | 7,730.27 |
| 128(6) | 40-250-60 | 60cm and above size ; void 20 %  | cum  | 8,711.89        | 10,061.62 | 10,061.62 | 7,607.57 |
| 129    | 40-260-00 | Supply of local hard stone/boulders at work site including all modes carriages, handling, loading, unloading and stacking in measurable stacks as per specific size ranges, including all taxes etc. complete (deduction for voids will be made at the rate mentioned against each size range for arriving at actual volume) as per direction of Engineer in charge. | cum  | -               | -         | -         | -        |
| 129(1) | 40-260-10 | 10.0 cm to 15.0 cm size, void 8.5%.  | cum  | 6,871.35        | 7,607.57  | 5,767.03  | 5,767.03 |
| 129(2) | 40-260-20 | 15.0 cm to 22.0 cm size, void 10%.   | cum  | 6,871.35        | 7,607.57  | 5,767.03  | 5,767.03 |
| 129(3) | 40-260-30 | 22.0 cm to 30.0 cm size, void 10%.   | cum  | 6,994.05        | 7,730.27  | 5,889.73  | 5,889.73 |
| 129(4) | 40-260-40 | 30.0 cm to 45.0 cm size, void 12%.   | cum  | 6,994.05        | 7,730.27  | 5,889.73  | 5,889.73 |
| 129(5) | 40-260-50 | 45.0 cm and above size, void 15%.  | cum  | 7,116.76        | 7,852.97  | 6,012.43  | 6,012.43 |
| 130    | 40-270-00 | Labour charge for protective works in laying CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge.  | cum  | -               | -         | -         | -        |
| 130(1) | 40-270-10 | Within 200 m.  | cum  | 1,616.91        | 1,586.93  | 1,586.93  | 1,470.53 |
| 130(2) | 40-270-20 | 200 m to 500 m.  | cum  | 2,533.38        | 2,486.73  | 2,486.73  | 2,303.68 |
| 131    | 40-280-00 | Labour charge for protective works in laying stone/hard rock/ boulders of different sizes from 15cm to 50 cm including preparation of base and levelling, dressing etc. complete as per direction of Engineer in charge.   | cum  | -               | -         | -         | -        |
| 131(1) | 40-280-10 | Within 200 m.  | cum  | 1,633.03        | 1,602.76  | 1,602.76  | 1,485.19 |
| 131(2) | 40-280-20 | 200 m to 500 m.  | cum  | 2,558.61        | 2,511.50  | 2,511.50  | 2,326.62 |
| 132    | 40-290-00 | Dumping work of Hard rock/ stone/ boulders/C.C blocks/brick blocks/sand cement blocks over a uniform area from properly positioned by engine boat upto an accuracy of 10cm monitoring with Total Station. The  | cum  | -               | -         | -         | -        |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|---|------|-----------------|----------|----------|----------|
|        |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | dumping area to be determined by conducting bathymetric survey, furnishing topographic site plan, cross section, dumping alignment, providing location of benchmark and stake at batches of dumping activity, doing by a river survey team ( including survey manager, hydrographic surveyor, Auto cad operator, etc.) with total station. Sequential stacking of Hard rock/ stone/ boulders/C.C blocks/brick blocks/sand cement blocks on the engine boat, carrying the Hard rock/ stone/ boulders/C.C blocks/brick blocks/sand cement blocks to dumping area and dumping the block from the boat by manual labour or any other means, all materials & charges etc. complete as per direction of engineer in charge, specification and design.   |      |                 |          |          |          |
| 132(1) | 40-290-10 | Within 200 m.   | cum  | 2,198.36        | 2,157.10 | 2,157.10 | 2,026.13 |
| 132(2) | 40-290-20 | 200 m to 500 m.   | cum  | 2,849.39        | 2,796.30 | 2,796.30 | 2,617.97 |
| 133    | 40-300-00 | Dumping work of Hard rock/ stone/ boulders/C.C blocks/brick blocks/sand cement blocks over a uniform area from properly positioned flat-top pontoon/barge upto an accuracy of 10cm monitoring with Total Station. The dumping area to be determined by conducting bathymetric survey, furnishing topographic site plan, cross section, dumping alignment, providing location of benchmark and stake at batches of dumping activity, doing by a river survey team (including survey manager, hydrographic surveyor, Auto cad operator, etc) with total station etc. Sequential stacking of Hard rock/ stone/ boulders/C.C blocks/brick blocks/sand cement blocks on the pontoon/barge to be done by fork lift or manual labour, carrying the Hard rock/ stone/ boulders/C.C blocks/brick blocks/sand cement blocks to dumping area and dumping the block from the properly positioned barge by a pay loader/forklift, inducing the cost of mobilization & demobilization of equipment's, all materials & charges etc. complete as per direction of engineer in charge, specification and design. | cum  | -               | -        | -        | -        |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

A large area of the page is covered with handwritten signatures and initials in black and blue ink. The signatures appear to be personal or professional, possibly belonging to officials involved in the project. The handwriting is cursive and varied in style.

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|--|------|-----------------|----------|----------|----------|
|        |           |  |      | Zone A          | Zone B   | Zone C   | Zone D   |
| 133(1) | 40-300-10 | Within 200 m.  | cum  | 2,465.39        | 2,463.70 | 2,463.70 | 2,442.68 |
| 133(2) | 40-300-20 | 200 m to 500 m.  | cum  | 3,063.68        | 3,061.99 | 3,061.99 | 3,037.13 |
| 134    | 40-320-00 | Supplying of geo-textile bags (empty) of different sizes and capacity at project/work site, making the bag with standard Geo-Textile fabric (97% Polypropylene Fabric with 3% additives, mass>= 400gm/m <sup>2</sup> , unit weight : 855 Kg/m <sup>3</sup> to 946 Kg/m <sup>3</sup> , EOS<=0.075 mm, Test of service life according to ISO 13438:2018, Test of exposure time according to EN 12224 :2000) and sewing in accordance with the detailed drawing and Technical Specifications included in the Tender Document and Schedule of Rates of BWDB, protecting the geo-textile bags form UV ray or any other damages including cost of all materials, labours, incidental charges etc. complete as per direction of Engineer in charge. | no   | -               | -        | -        |          |
| 134(1) | 40-320-10 | Geo-bag; inner size:1200mmx950mm, outer size:1250mmx1000mm, geo-fabric th.>=3.0mm, Fill Vol: 0.1664cum; wt: 250kg  | no   | 424.12          | 424.09   | 424.09   | 423.82   |
| 134(2) | 40-320-15 | Geo-bag; inner size:1100mmx850mm, outer size:1150mmx900mm, geo-fabric th.>=3.0mm, Fill Vol: 0.1333cum; wt: 200kg   | no   | 353.91          | 353.88   | 353.88   | 353.61   |
| 134(3) | 40-320-20 | Geo-bag; inner size:1075mmx850mm, outer size:1125mmx900mm geo-fabric th.>=3.0mm, Fill Vol: 0.1164cum; wt: 175kg  | no   | 346.42          | 346.40   | 346.40   | 346.13   |
| 134(4) | 40-320-30 | Geo-bag; inner size:950mmx750mm, outer size:1000mmx800mm geo-fabric th.>=3.0mm, Fill Vol: 0.0840cum; wt: 125kg   | no   | 275.26          | 275.24   | 275.24   | 275.02   |
| 134(5) | 40-320-40 | Geo-bag; inner size:900mmx700mm, outer size:950mmx750mm, geo-fabric th.>=3.0mm, Fill Vol: 0.0730cum; wt: 110kg   | no   | 246.60          | 246.58   | 246.58   | 246.36   |
| 134(6) | 40-320-50 | Geo-bag; inner size:800mmx650mm, outer size:850mmx700mm, geo-fabric th.>=3.0mm, Fill Vol: 0.0520cum; wt: 80kg  | no   | 206.64          | 206.62   | 206.62   | 206.43   |
| 135    | 40-330-00 | "[Dumping with Barge & Total Station]<br>Filling and dumping of geo-textile bags of different sizes and capacity at project/work site, protecting from UV  | no   | -               | -        | -        | -        |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | ray or any other damages, filling with sand (dry and minimum 80% sand must be retained on sieve no 100), sewing along one transverse (top) side after filling, staking in measurable/countable stakes, marking with synthetic enamel paint during counting, dumping from properly positioned and anchored flat top barge/pontoon over an area as per drawing, maintaining & recording the dumping position of the barge/pontoon using total station including loading, unloading, sequential piling of geo-bags on the dumping edge of barge/pontoon, cost of all materials & equipments and its mobilization, labour, incidental charges, etc. complete as per technical specification, approved design and direction of Engineer in charge. [fill volume and weight will be measured after filling with dry sand]" |      |                 |        |        |        |
| 135(1) | 40-330-10 | Geo-bag; inner size:1200mmx950mm, outer size:1250mmx1000mm,, Fill Vol: 0.1664cum; wt: 250kg  | no   | 262.48          | 263.47 | 257.63 | 253.15 |
| 135(2) | 40-330-15 | Geo-bag; inner size:1100mmx850mm, outer size:1150mmx900mm,, Fill Vol: 0.1333cum; wt: 200kg   | no   | 215.07          | 215.83 | 211.15 | 207.45 |
| 135(3) | 40-330-20 | Geo-bag; inner size:1075mmx850mm, outer size:1125mmx900mm, Fill Vol: 0.1164cum; wt: 175kg  | no   | 191.62          | 192.27 | 188.19 | 184.84 |
| 135(4) | 40-330-30 | Geo-bag; inner size:950mmx750mm, outer size:1000mmx800mm, Fill Vol: 0.0840cum; wt: 125kg   | no   | 141.73          | 142.19 | 139.24 | 136.78 |
| 135(5) | 40-330-40 | Geo-bag; inner size:900mmx700mm, outer size:950mmx750mm,, Fill Vol: 0.0730cum; wt: 110kg   | no   | 124.40          | 124.80 | 122.24 | 120.10 |
| 135(6) | 40-330-50 | Geo-bag; inner size:800mmx650mm, outer size:850mmx700mm,, Fill Vol: 0.0520cum; wt: 80kg  | no   | 93.78           | 94.04  | 92.22  | 90.57  |
| 136    | 40-340-00 | Filling and dumping of geo-textile bags of different sizes and capacity at project/work site, protecting the geotextile bags from UV ray or any other damages, filling with sand (dry and minimum 80% sand must be retained on sieve no 100), sewing along one transverse (top) side after filling, staking in measurable/countable stakes, marking  | no   | -               | -      | -      | -      |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|---|------|-----------------|--------|--------|--------|
|        |           |   |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | with synthetic enamel paint during counting, dumping from properly positioned and anchored flat top engine boat over an area as per drawing, including loading, unloading, sequential piling of geo-bags on the dumping edge of boat, carrying geo-bags from stake-yard to dumping place by head load and power driven flat top country boat, cost of all materials & equipments and its mobilization, labour, incidental charges etc. complete as per technical specification, approved design and direction of Engineer in charge.[fill volume and weight will be measured after filling with dry sand] |      |                 |        |        |        |
| 136(1) | 40-340-10 | Geo-bag; inner size:1200mmx950mm, outer size:1250mmx1000mm, Fill Vol: 0.1664cum; wt: 250kg  | no   | 245.40          | 245.98 | 240.14 | 234.69 |
| 136(2) | 40-340-15 | Geo-bag; inner size:1100mmx850mm, outer size:1150mmx900mm, Fill Vol: 0.1333cum; wt: 200kg   | no   | 202.87          | 203.26 | 198.58 | 193.88 |
| 136(3) | 40-340-20 | Geo-bag; inner size:1075mmx850mm, outer size:1125mmx900mm, Fill Vol: 0.1164cum; wt: 175kg   | no   | 180.64          | 180.94 | 176.86 | 172.63 |
| 136(4) | 40-340-30 | Geo-bag; inner size:950mmx750mm, outer size:1000mmx800mm, Fill Vol: 0.0840cum; wt: 125kg  | no   | 136.32          | 136.47 | 133.52 | 130.18 |
| 136(5) | 40-340-40 | Geo-bag; inner size:900mmx700mm, outer size:950mmx750mm, Fill Vol: 0.0730cum; wt: 110kg   | no   | 118.69          | 118.83 | 116.26 | 113.40 |
| 136(6) | 40-340-50 | Geo-bag; inner size:800mmx650mm, outer size:850mmx700mm, Fill Vol: 0.0520cum; wt: 80kg  | no   | 91.20           | 91.22  | 89.39  | 87.00  |
| 137    | 40-350-00 | "Filling and placing of geo-textile bags of different sizes and capacity at project/work site, filling with sand (dry and minimum 80% sand must be retained on sieve no 100), sewing along one transverse (top) side after filling sand, staking in measurable/countable stakes, marking with synthetic enamel paint during counting and placing in position as per drawing including levelling, dressing, preparation of base, cost of all materials & equipments and its mobilization, labour, incidental charges etc complete as per technical specification, approved design and                      | No.  | -               | -      | -      | -      |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | direction of Engineer in charge.<br>[fill volume and weight will be measured after filling with dry sand]"   |      |                 |        |        |        |
| 137(1) | 40-350-10 | Geo-bag; inner size:1200mmx950mm, outer size:1250mmx1000mm, Fill Vol: 0.1664cum; wt: 250kg   | No.  | 236.82          | 237.37 | 231.53 | 225.98 |
| 137(2) | 40-350-15 | Geo-bag; inner size:1100mmx850mm, outer size:1150mmx900mm,, Fill Vol: 0.1333cum; wt: 200kg   | No.  | 197.87          | 198.20 | 193.53 | 188.64 |
| 137(3) | 40-350-20 | Geo-bag; inner size:1075mmx850mm, outer size:1125mmx900mm, Fill Vol: 0.1164cum; wt: 175kg  | No.  | 173.78          | 174.08 | 169.99 | 165.75 |
| 137(4) | 40-350-30 | Geo-bag; inner size:950mmx750mm, outer size:1000mmx800mm, Fill Vol: 0.0840cum; wt: 125kg   | No.  | 126.13          | 126.37 | 123.42 | 120.45 |
| 137(5) | 40-350-40 | Geo-bag; inner size:900mmx700mm, outer size:950mmx750mm, Fill Vol: 0.0730cum; wt: 110kg  | No.  | 111.10          | 111.29 | 108.73 | 106.09 |
| 137(6) | 40-350-50 | Geo-bag; inner size:800mmx650mm, outer size:850mmx700mm, Fill Vol: 0.0520cum; wt: 80kg   | No.  | 84.39           | 84.47  | 82.65  | 80.50  |
| 138    | 40-360-00 | [Dumping with Barge & Total Station]Supplying, filling and dumping of geo-textile bags of different sizes and capacity at project/work site, making with standard geo-textile fabric (97% Polypropylene Fabric with 3% additives, mass>= 400gm/m <sup>2</sup> , unit weight : 855 Kg/m <sup>3</sup> to 946 Kg/m <sup>3</sup> , EOS<=0.075 mm, Test of service life according to ISO 13438:2018, Test of exposure time according to EN 12224 :2000) and sewing in accordance with the drawing and Technical Specifications of BWDB and Schedule of Rates of BWDB, protecting the geotextile bags from UV ray or any other damages, filling with sand (dry and minimum 80% sand must be retained on sieve no 100), sewing along one transverse (top) side after filling, staking in measurable/countable stakes, marking with synthetic enamel paint during counting, dumping from properly positioned and anchored flat top barge/pontoon over an area as per drawing, maintaining & recording the position of dumping barge/pontoon using total station including loading, | No.  | -               | -      | -      | -      |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|---|------|-----------------|--------|--------|--------|
|        |           |   |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | unloading, sequential piling of geo-bags on the dumping edge of barge/pontoon, cost of all materials & equipments and its mobilization, labour, incidental charges etc. complete as per technical specification, approved design and direction of Engineer in charge. [fill volume and weight will be measured after filling with dry sand]   |      |                 |        |        |        |
| 138(1) | 40-360-10 | Geo-bag; inner size:1200mmx950mm, outer size:1250mmx1000mm, geo-fabric th.=>3.0mm, Fill Vol: 0.1664cum; wt: 250kg   | No.  | 686.60          | 687.56 | 681.72 | 676.98 |
| 138(2) | 40-360-15 | Geo-bag; inner size:1100mmx850mm, outer size:1150mmx900mm, geo-fabric th.=>3.0mm, Fill Vol: 0.1333cum; wt: 200kg  | No.  | 568.98          | 569.72 | 565.04 | 561.06 |
| 138(3) | 40-360-20 | Geo-bag; inner size:1075mmx850mm, outer size:1125mmx900mm geo-fabric th.=>3.0mm, Fill Vol: 0.1164cum; wt: 175kg   | No.  | 538.05          | 538.67 | 534.58 | 530.97 |
| 138(4) | 40-360-30 | Geo-bag; inner size:950mmx750mm, outer size:1000mmx800mm geo-fabric th.=>3.0mm, Fill Vol: 0.0840cum; wt: 125kg  | No.  | 417.00          | 417.43 | 414.49 | 411.79 |
| 138(5) | 40-360-40 | Geo-bag; inner size:900mmx700mm, outer size:950mmx750mm, geo-fabric th.=>3.0mm, Fill Vol: 0.0730cum; wt: 110kg  | No.  | 371.00          | 371.38 | 368.82 | 366.46 |
| 138(6) | 40-360-50 | Geo-bag; inner size:800mmx650mm, outer size:850mmx700mm, geo-fabric th.=>3.0mm, Fill Vol: 0.0520cum; wt: 80kg   | No.  | 299.31          | 299.56 | 297.73 | 295.89 |
| 139    | 40-365-00 | [Guided Dumping with Barge (with guided arrangement) & Total Station] Supplying, filling and guided dumping of geo-textile bags of different sizes and capacity at project/work site, making with standard geo-textile fabric (97% Polypropylene Fabric with 3% additives, mass>= 400gm/m <sup>2</sup> , unit weight : 855 Kg/m <sup>3</sup> to 946 Kg/m <sup>3</sup> , EOS<=0.075 mm, Test of service life according to ISO 13438:2018, Test of exposure time according to EN 12224 :2000) and sewing in accordance with the drawing and Technical Specifications of BWDB and Schedule of Rates of BWDB, | No.  | -               | -      | -      | -      |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | protecting the geotextile bags from UV ray or any other damages, filling with sand (dry and minimum 80% sand must be retained on sieve no 100), sewing along one transverse (top) side after filling, staking in measurable/countable stakes, marking with synthetic enamel paint during counting, dumping from properly positioned and anchored flat top barge/pontoon with necessary arrangements for guided dumping including making guided cage/frame along the length of the flat top barge/pontoon over an area as per drawing, maintaining & recording the position of dumping barge/pontoon using total station including loading, unloading, sequential piling of geo-bags on the dumping edge of barge/pontoon, dumping the bags through cage/frame and checking the water depth to ensure no geo-bag is blocked in the cage/frame, cost of all materials & equipments and its mobilization, labour, incidental charges etc. complete as per technical specification, approved design and direction of Engineer in charge. [fill volume and weight will be measured after filling with dry sand] |      |                 |        |        |        |
| 139(1) | 40-365-10 | Geo-bag; inner size:1200mmx950mm, outer size:1250mmx1000mm, geo-fabric th.=>3.0mm, Fill Vol: 0.1664cum; wt: 250kg  | No.  | 698.21          | 699.17 | 693.33 | 688.58 |
| 139(2) | 40-365-15 | Geo-bag; inner size:1100mmx850mm, outer size:1150mmx900mm, geo-fabric th.=>3.0mm, Fill Vol: 0.1333cum; wt: 200kg   | No.  | 578.47          | 579.21 | 574.53 | 570.56 |
| 139(3) | 40-365-20 | Geo-bag; inner size:1075mmx850mm, outer size:1125mmx900mm geo-fabric th.=>3.0mm, Fill Vol: 0.1164cum; wt: 175kg  | No.  | 546.49          | 547.11 | 543.02 | 539.41 |
| 139(4) | 40-365-30 | Geo-bag; inner size:950mmx750mm, outer size:1000mmx800mm geo-fabric th.=>3.0mm, Fill Vol: 0.0840cum; wt: 125kg   | No.  | 423.06          | 423.50 | 420.55 | 417.86 |
| 139(5) | 40-365-40 | Geo-bag; inner size:900mmx700mm, outer size:950mmx750mm, geo-fabric th.=>3.0mm, Fill Vol: 0.0730cum; wt: 110kg   | No.  | 376.28          | 376.66 | 374.10 | 371.73 |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
| 139(6) | 40-365-50 | Geo-bag; inner size:800mmx650mm, outer size:850mmx700mm, geo-fabric th.=>3.0mm, Fill Vol: 0.0520cum; wt: 80kg  | No.  | 303.01          | 303.25 | 301.43 | 299.59 |
| 140    | 40-370-00 | Supplying, filling and dumping of geotextile bags of different sizes and capacity at project/work site, making with standard geo-textile fabric (97% Polypropylene Fabric with 3% additives, mass=> 400gm/m <sup>2</sup> , unit weight : 855 Kg/m <sup>3</sup> to 946 Kg/m <sup>3</sup> , EOS<=0.075 mm, Test of service life according to ISO 13438:2018, Test of exposure time according to EN 12224 :2000) and sewing in accordance with the drawing and Technical Specifications of BWDB and Schedule of Rates of BWDB, protecting the geotextile bags from UV ray or any other damages, filling with sand (dry and minimum 80% sand must be retained on sieve no 100), sewing along one transverse (top) side after filling, staking in measurable/countable stakes, marking by synthetic enamel paint during counting, dumping from properly positioned and anchored flat top engine boat over an area as per drawing, including loading, unloading, sequential piling of geo-bags on the dumping edge of boat, carrying geo-bags from stake-yard to dumping place by head load and power driven flat top country boat, cost of all materials & equipments and its mobilization, labour, incidental charges etc complete as per technical specification, approved design and direction of Engineer in charge. [fill volume and weight will be measured after filling with dry sand]" | No.  | -               | -      | -      | -      |
| 140(1) | 40-370-10 | Geo-bag; inner size:1200mmx950mm, outer size:1250mmx1000mm, geo-fabric th.=>3.0mm, Fill Vol: 0.1664cum; wt: 250kg  | No.  | 669.51          | 670.07 | 664.23 | 658.51 |
| 140(2) | 40-370-15 | Geo-bag; inner size:1100mmx850mm, outer size:1150mmx900mm, geo-fabric th.=>3.0mm, Fill Vol: 0.1333cum; wt: 200kg   | No.  | 556.78          | 557.14 | 552.46 | 547.50 |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|---|------|-----------------|--------|--------|--------|
|        |           |   |      | Zone A          | Zone B | Zone C | Zone D |
| 140(3) | 40-370-20 | Geo-bag; inner size:1075mmx850mm, outer size:1125mmx900mm geo-fabric th.=>3.0mm, Fill Vol: 0.1164cum; wt: 175kg   | No.  | 527.06          | 527.34 | 523.26 | 518.75 |
| 140(4) | 40-370-30 | Geo-bag; inner size:950mmx750mm, outer size:1000mmx800mm geo-fabric th.=>3.0mm, Fill Vol: 0.0840cum; wt: 125kg  | No.  | 411.58          | 411.71 | 408.76 | 405.20 |
| 140(5) | 40-370-40 | Geo-bag; inner size:900mmx700mm, outer size:950mmx750mm, geo-fabric th.=>3.0mm, Fill Vol: 0.0730cum; wt: 110kg  | No.  | 365.29          | 365.41 | 362.85 | 359.76 |
| 140(6) | 40-370-50 | Geo-bag; inner size:800mmx650mm, outer size:850mmx700mm, geo-fabric th.=>3.0mm, Fill Vol: 0.0520cum; wt: 80kg   | No.  | 297.84          | 297.84 | 296.01 | 293.43 |
| 141    | 40-380-00 | Supplying filling and placing of geo-textile bags of different sizes and capacity at project/work site, making with standard geo-textile fabric (97% Polypropylene Fabric with 3% additives, mass>= 400gm/m <sup>2</sup> , unit weight : 855 Kg/m <sup>3</sup> to 946 Kg/m <sup>3</sup> , EOS<=0.075 mm, Test of service life according to ISO 13438:2018, Test of exposure time according to EN 12224 :2000) and sewing in accordance with the drawing and Technical Specifications of BWDB and Schedule of Rates of BWDB, filling with sand (dry and minimum 80% sand must be retained on sieve no 100), sewing along one transverse (top) side after filling, staking in measurable/countable stakes, marking by synthetic enamel paint during counting, placing in position as per approved drawing including levelling, dressing and preparation of base, cost of all materials & equipments and its mobilization, labour, incidental charges etc. complete as per technical specification, approved design and direction of Engineer in charge. | No.  | -               | -      | -      | -      |
| 141(1) | 40-380-10 | Geo-bag; inner size:1200mmx950mm, outer size:1250mmx1000mm, geo-fabric th.=>3.0mm, Fill Vol: 0.1664cum; wt: 250kg   | No.  | 660.94          | 661.46 | 655.62 | 649.80 |
| 141(2) | 40-380-15 | Geo-bag; inner size:1100mmx850mm, outer size:1150mmx900mm, geo-fabric   | No.  | 551.78          | 552.09 | 547.41 | 542.25 |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|---|------|-----------------|--------|--------|--------|
|        |           |   |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | th.=>3.0mm, Fill Vol: 0.1333cum; wt: 200kg  |      |                 |        |        |        |
| 141(3) | 40-380-20 | Geo-bag; inner size:1075mmx850mm, outer size:1125mmx900mm geo-fabric th.=>3.0mm, Fill Vol: 0.1164cum; wt: 175kg   | No.  | 520.20          | 520.47 | 516.39 | 511.88 |
| 141(4) | 40-380-30 | Geo-bag; inner size:950mmx750mm, outer size:1000mmx800mm geo-fabric th.=>3.0mm, Fill Vol: 0.0840cum; wt: 125kg  | No.  | 401.40          | 401.62 | 398.67 | 395.47 |
| 141(5) | 40-380-40 | Geo-bag; inner size:900mmx700mm, outer size:950mmx750mm, geo-fabric th.=>3.0mm, Fill Vol: 0.0730cum; wt: 110kg  | No.  | 357.70          | 357.87 | 355.31 | 352.45 |
| 141(6) | 40-380-50 | Geo-bag; inner size:800mmx650mm, outer size:850mmx700mm, geo-fabric th.=>3.0mm, Fill Vol: 0.0520cum; wt: 80kg   | No.  | 291.03          | 291.09 | 289.27 | 286.93 |
| 142    | 40-400-00 | Supplying of geo-textile bags (empty) of different sizes and capacity at project/work site, making the bag with standard Geo-Textile fabric (Polystar fabric, mass $\geq$ 300gm/m <sup>2</sup> ) and sewing in accordance with the detailed drawing and Technical Specifications included in the Tender Document and Schedule of Rates of BWDB, protecting the geo-textile bags from UV ray or any other damages including cost of all materials, labours, incidental charges etc. complete as per direction of Engineer in charge. | no   | -               | -      | -      | -      |
| 142(1) | 40-400-20 | Geo-bag; inner size:1075mmx850mm, outer size:1125mmx900mm geo-fabric th.=>2.0mm, Fill Vol: 0.1164cum; wt: 175kg   | no   | 229.02          | 228.99 | 228.99 | 228.72 |
| 142(2) | 40-400-30 | Geo-bag; inner size:950mmx750mm, outer size:1000mmx800mm geo-fabric th.=>2.0mm, Fill Vol: 0.0840cum; wt: 125kg  | no   | 182.50          | 182.48 | 182.48 | 182.25 |
| 143    | 40-410-00 | Supplying of geo-textile bags (empty) of different sizes and capacity at project/work site, making the bag with standard Geo-Textile fabric (Polyester Fabric, mass $\geq$ 400gm/m <sup>2</sup> , EOS $\leq$ 0.075 mm) and sewing in accordance with the detailed drawing and Technical Specifications included in the Tender Document and Schedule of Rates of BWDB, protecting the geo-textile bags from UV ray or any other damages including cost of all  | No.  | -               | -      | -      | -      |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | materials, labours, incidental charges etc. complete as per direction of Engineer in charge.   |      |                 |        |        |        |
| 143(1) | 40-410-10 | Geo-bag; inner size:1200mmx950mm, outer size:1250mmx1000mm, geo-fabric th.=>3.0mm, Fill Vol: 0.1664cum; wt: 250kg  | No.  | 307.32          | 307.29 | 307.29 | 306.96 |
| 143(2) | 40-410-15 | Geo-bag; inner size:1100mmx850mm, outer size:1150mmx900mm, geo-fabric th.=>3.0mm, Fill Vol: 0.1333cum; wt: 200kg   | No.  | 257.02          | 256.99 | 256.99 | 256.65 |
| 143(3) | 40-410-20 | Geo-bag; inner size:1075mmx850mm, outer size:1125mmx900mm geo-fabric th.=>3.0mm, Fill Vol: 0.1164cum; wt: 175kg  | No.  | 251.69          | 251.66 | 251.66 | 251.33 |
| 143(4) | 40-410-30 | Geo-bag; inner size:950mmx750mm, outer size:1000mmx800mm geo-fabric th.=>3.0mm, Fill Vol: 0.0840cum; wt: 125kg   | No.  | 199.97          | 199.94 | 199.94 | 199.66 |
| 143(5) | 40-410-40 | Geo-bag; inner size:900mmx700mm, outer size:950mmx750mm, geo-fabric th.=>3.0mm, Fill Vol: 0.0730cum; wt: 110kg   | No.  | 179.45          | 179.43 | 179.43 | 179.15 |
| 143(6) | 40-410-50 | Geo-bag; inner size:800mmx650mm, outer size:850mmx700mm, geo-fabric th.=>3.0mm, Fill Vol: 0.0520cum; wt: 80kg  | No.  | 150.31          | 150.29 | 150.29 | 150.05 |
| 144    | 40-420-00 | Filling and placing of geo-textile bags of different sizes and capacity at project/work site, protecting the geotextile bags from any damage, filling with locally available sand free from silt and clay, sewing along one transverse (top) side after filling sand, staking in measurable/countable stakes, marking with synthetic enamel paint during counting and placing in position as per drawing including levelling, dressing, preparation of base, cost of all materials & equipments and its mobilization, labour, incidental charges etc complete as per technical specification, approved design and direction of Engineer in charge. [fill volume and weight will be measured after filling with dry sand] | No.  | -               | -      | -      | -      |
| 144(1) | 40-420-10 | Geo-bag; inner size:1200mmx950mm, outer size:1250mmx1000mm, geo-fabric, Fill Vol: 0.1664cum; wt: 250kg   | No.  | 129.92          | 129.81 | 129.81 | 127.46 |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
| 144(2) | 40-420-15 | Geo-bag; inner size:1100mmx850mm, outer size:1150mmx900mm, geo-fabric, Fill Vol: 0.1333cum; wt: 200kg  | No.  | 113.73          | 113.63 | 113.63 | 111.43 |
| 144(3) | 40-420-20 | Geo-bag; inner size:1075mmx850mm, outer size:1125mmx900mm geo-fabric, Fill Vol: 0.1164cum; wt: 175kg   | No.  | 99.56           | 99.48  | 99.48  | 97.58  |
| 144(4) | 40-420-30 | Geo-bag; inner size:950mmx750mm, outer size:1000mmx800mm geo-fabric, Fill Vol: 0.0840cum; wt: 125kg  | No.  | 71.62           | 71.55  | 71.55  | 70.19  |
| 144(5) | 40-420-40 | Geo-bag; inner size:900mmx700mm, outer size:950mmx750mm, geo-fabric, Fill Vol: 0.0730cum; wt: 110kg  | No.  | 63.60           | 63.54  | 63.54  | 62.34  |
| 144(6) | 40-420-50 | Geo-bag; inner size:800mmx650mm, outer size:850mmx700mm, geo-fabric th.=>3.0mm, Fill Vol: 0.0520cum; wt: 80kg  | No.  | 51.42           | 51.36  | 51.36  | 50.30  |
| 145    | 40-430-00 | Filling and dumping of geo-textile bags of different sizes and capacity at project/work site, protecting the geotextile bags from any damage, filling with locally available sand free from silt and clay, sewing along one transverse (top) side after filling, staking in measurable/countable stakes, marking with synthetic enamel paint during counting, dumping from properly positioned and anchored flat top engine boat over an area as per drawing including loading, unloading, sequential piling of geo-bags on the dumping edge of boat, cost of all materials & equipments and its mobilization, labour, incidental charges etc. complete as per technical specification, approved design and direction of Engineer in charge. [fill volume and weight will be measured after filling with dry sand] | no   | -               | -      | -      | -      |
| 145(1) | 40-430-10 | Geo-bag; inner size:1200mmx950mm, outer size:1250mmx1000mm, Fill Vol: 0.1664cum; wt: 250kg   | no   | 137.94          | 137.85 | 137.85 | 135.56 |
| 145(2) | 40-430-15 | Geo-bag; inner size:1100mmx850mm, outer size:1150mmx900mm, Fill Vol: 0.1333cum; wt: 200kg  | no   | 117.63          | 117.55 | 117.55 | 115.48 |
| 145(3) | 40-430-20 | Geo-bag; inner size:1075mmx850mm, outer size:1125mmx900mm, Fill Vol: 0.1164cum; wt: 175kg  | no   | 106.30          | 106.22 | 106.22 | 104.32 |
| 145(4) | 40-430-30 | Geo-bag; inner size:950mmx750mm, outer size:1000mmx800mm, Fill Vol: 0.0840cum; wt: 125kg   | no   | 83.58           | 83.51  | 83.51  | 81.92  |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

must be followed as part of the SOR (Schedule of Rates) for every item.

## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
| 145(5) | 40-430-40 | Geo-bag; inner size:900mmx700mm, outer size:950mmx750mm, Fill Vol: 0.0730cum; wt: 110kg  | no   | 72.27           | 72.21  | 72.21  | 70.87  |
| 145(6) | 40-430-50 | Geo-bag; inner size:800mmx650mm, outer size:850mmx700mm, Fill Vol: 0.0520cum; wt: 80kg   | no   | 59.47           | 59.42  | 59.42  | 58.20  |
| 146    | 40-440-00 | Supplying, filling and placing of geo-textile bags of different sizes and capacity at project/work site, making with standard geo-textile fabric (Polyester fabric, Thickness>=3.0 mm, mass>= 400gm/m <sup>2</sup> ) and sewing in accordance with the drawing and Technical Specifications of BWDB and Schedule of Rates of BWDB, filling with locally available sand free from silt and clay, sewing along one transverse (top) side after filling, staking in measurable/countable stakes, marking by synthetic enamel paint during counting, placing in position as per approved drawing including levelling, dressing and preparation of base, cost of all materials & equipments and its mobilization, labour, incidental charges etc. complete as per technical specification, approved design and direction of Engineer in charge. [fill volume and weight will be measured after filling with dry sand] | No.  | -               | -      | -      | -      |
| 146(1) | 40-440-10 | Geo-bag; inner size:1200mmx950mm, outer size:1250mmx1000mm, geo-fabric th.=>3.0mm, Fill Vol: 0.1664cum; wt: 250kg  | No.  | 437.24          | 437.11 | 437.11 | 434.41 |
| 146(2) | 40-440-15 | Geo-bag; inner size:1100mmx850mm, outer size:1150mmx900mm, geo-fabric th.=>3.0mm, Fill Vol: 0.1333cum; wt: 200kg   | No.  | 370.75          | 370.62 | 370.62 | 368.09 |
| 146(3) | 40-440-20 | Geo-bag; inner size:1075mmx850mm, outer size:1125mmx900mm geo-fabric th.=>3.0mm, Fill Vol: 0.1164cum; wt: 175kg  | No.  | 351.26          | 351.14 | 351.14 | 348.90 |
| 146(4) | 40-440-30 | Geo-bag; inner size:950mmx750mm, outer size:1000mmx800mm geo-fabric th.=>3.0mm, Fill Vol: 0.0840cum; wt: 125kg   | No.  | 271.59          | 271.48 | 271.48 | 269.85 |
| 146(5) | 40-440-40 | Geo-bag; inner size:900mmx700mm, outer size:950mmx750mm, geo-fabric th.=>3.0mm, Fill Vol: 0.0730cum; wt: 110kg   | No.  | 243.05          | 242.96 | 242.96 | 241.49 |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

K ~~at~~ ~~the~~ ~~of~~ ~~or~~ ~~in~~ ~~for~~ ~~to~~ ~~the~~ ~~\$~~  
K ~~at~~ ~~the~~ ~~of~~ ~~or~~ ~~in~~ ~~for~~ ~~to~~ ~~the~~ ~~\$~~

## BWDB Standard Schedule of Rates-2022

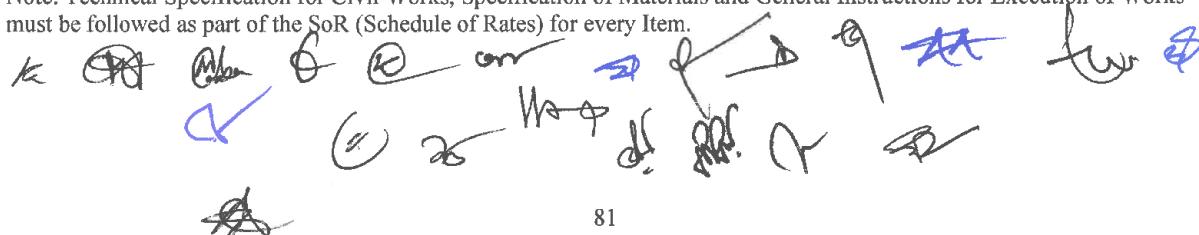
| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|---|------|-----------------|--------|--------|--------|
|        |           |   |      | Zone A          | Zone B | Zone C | Zone D |
| 146(6) | 40-440-50 | Geo-bag; inner size:800mmx650mm, outer size:850mmx700mm, geo-fabric th.=>3.0mm, Fill Vol: 0.0520cum; wt: 80kg   | No.  | 201.73          | 201.65 | 201.65 | 200.35 |
| 147    | 40-450-00 | Supplying, filling and dumping of geo-textile bags of different sizes and capacity at project/work site, making with standard geo-textile fabric (Polyester fabric, Thickness=>3.0 mm, mass=> 400gm/m <sup>2</sup> ) and sewing in accordance with the drawing and Technical Specifications of BWDB and Schedule of Rates of BWDB, protecting the geotextile bags from any damage, filling with locally available sand free from silt and clay, sewing along one transverse (top) side after filling, staking in measurable/countable stakes, marking by synthetic enamel paint during counting, dumping from properly positioned and anchored flat top engine boat over an area as per drawing including loading, unloading, sequential piling of geo-bags on the dumping edge of boat, cost of all materials & equipments and its mobilization, labour, incidental charges etc. complete as per technical specification, approved design and direction of Engineer in charge. [fill volume and weight will be measured after filling with dry sand] | No.  | -               | -      | -      | -      |
| 147(1) | 40-450-10 | Geo-bag; inner size:1200mmx950mm, outer size:1250mmx1000mm, geo-fabric th.=>3.0mm, Fill Vol: 0.1664cum; wt: 250kg   | No.  | 445.26          | 445.14 | 445.14 | 442.51 |
| 147(2) | 40-450-15 | Geo-bag; inner size:1100mmx850mm, outer size:1150mmx900mm, geo-fabric th.=>3.0mm, Fill Vol: 0.1333cum; wt: 200kg  | No.  | 374.65          | 374.54 | 374.54 | 372.14 |
| 147(3) | 40-450-20 | Geo-bag; inner size:1075mmx850mm, outer size:1125mmx900mm geo-fabric th.=>3.0mm, Fill Vol: 0.1164cum; wt: 175kg   | No.  | 357.99          | 357.88 | 357.88 | 355.65 |
| 147(4) | 40-450-30 | Geo-bag; inner size:950mmx750mm, outer size:1000mmx800mm geo-fabric th.=>3.0mm, Fill Vol: 0.0840cum; wt: 125kg  | No.  | 283.55          | 283.45 | 283.45 | 281.58 |
| 147(5) | 40-450-40 | Geo-bag; inner size:900mmx700mm, outer size:950mmx750mm, geo-fabric   | No.  | 251.72          | 251.64 | 251.64 | 250.01 |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|---|------|-----------------|----------|----------|----------|
|        |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | th.>=3.0mm, Fill Vol: 0.0730cum; wt: 110kg  |      |                 |          |          |          |
| 147(6) | 40-450-50 | Geo-bag; inner size:800mmx650mm, outer size:850mmx700mm, geo-fabric th.>=3.0mm, Fill Vol: 0.0520cum; wt: 80kg   | No.  | 209.78          | 209.71   | 209.71   | 208.25   |
| 148    | 40-460-00 | [Geo-textile bag filled with sand cement mixture]<br><br>Supplying filling and placing of geo-textile bags of different sizes and capacity at project/work site, making with standard geo-textile fabric (97% Polypropylene Fabric with 3% additives, mass>= 400gm/m <sup>2</sup> , unit weight : 855 Kg/m <sup>3</sup> to 946 Kg/m <sup>3</sup> , EOS<=0.075 mm, Test of service life according to ISO 13438:2018, Test of exposure time according to EN 12224 :2000) and sewing in accordance with the drawing and Technical Specifications of BWDB and Schedule of Rates of BWDB, filling with sand-cement mixed (6:1 Proportion, sand: F.M ≥ 1.00, Portland cement), sewing along one transverse (top) side after filling, staking in measurable/countable stakes, marking by synthetic enamel paint during counting, placing in position as per approved drawing including levelling, dressing and preparation of base, cost of all materials & equipments and its mobilization, labour, incidental charges etc. complete as per technical specification, approved design and direction of Engineer in charge. | no   | -               | -        | -        |          |
| 148(1) | 40-460-10 | Geo-bag; inner size:950mmx750mm, outer size:1000mmx800mm geo-fabric th.>=3.0mm, Fill Vol: 0.0840cum; wt: 125kg  | no   | 701.58          | 701.80   | 698.93   | 696.14   |
| 148(2) | 40-460-20 | Geo-bag; inner size:1075mmx850mm, outer size:1125mmx900mm geo-fabric th.>=3.0mm, Fill Vol: 0.1164cum; wt: 175kg   | no   | 934.71          | 934.99   | 931.01   | 927.16   |
| 148(3) | 40-460-30 | Geo-bag; inner size:1200mmx950mm, outer size:1250mmx1000mm, geo-fabric th.>=3.0mm, Fill Vol: 0.1664cum; wt: 250kg   | no   | 1,250.34        | 1,250.90 | 1,245.21 | 1,240.55 |
| 149    | 40-470-00 | [Geo-textile bag filled with sand cement mixture]<br><br>Supplying filling and placing of geo-  | no   | -               | -        | -        | -        |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|---|------|-----------------|----------|----------|----------|
|        |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | textile bags of different sizes and capacity at project/work site, making with standard geo-textile fabric (Polystar fabric, mass $\geq$ 400gm/m <sup>2</sup> ) and sewing in accordance with the drawing and Technical Specifications of BWDB and Schedule of Rates of BWDB, filling with sand-cement mixed (6:1 Proportion, sand: F.M $\geq$ 1.00, Portland cement), sewing along one transverse (top) side after filling, staking in measurable/countable stakes, marking by synthetic enamel paint during counting, placing in position as per approved drawing including levelling, dressing and preparation of base, cost of all materials & equipments and its mobilization, labour, incidental charges etc. complete as per technical specification, approved design and direction of Engineer in charge. |      |                 |          |          |          |
| 149(1) | 40-470-10 | Geo-bag; inner size:950mmx750mm, outer size:1000mmx800mm geo-fabric th. $=>$ 3.0mm, Fill Vol: 0.0840cum; wt: 125kg  | no   | 629.43          | 629.65   | 626.78   | 623.99   |
| 149(2) | 40-470-20 | Geo-bag; inner size:1075mmx850mm, outer size:1125mmx900mm geo-fabric th. $=>$ 3.0mm, Fill Vol: 0.1164cum; wt: 175kg   | no   | 843.40          | 843.67   | 839.69   | 835.85   |
| 149(3) | 40-470-30 | Geo-bag; inner size:1200mmx950mm, outer size:1250mmx1000mm, geo-fabric th. $=>$ 3.0mm, Fill Vol: 0.1664cum; wt: 250kg   | no   | 1,137.60        | 1,138.17 | 1,132.48 | 1,127.82 |
| 150    | 40-480-00 | Supplying , filling and placing of Geo-Tube, making with standard geo-textile (97% Polypropylene Fabric with 3% additives, unit weight : 855 Kg/m <sup>3</sup> to 946 Kg/m <sup>3</sup> , geo-textile thickness $\geq$ 4.00 mm, mass $\geq$ 550 gm/m <sup>2</sup> , EOS $\leq$ 0.075 mm, Test of service life according to ISO 13438:2018, Test of exposure time according to EN 12224 :2000 ) and sewing in accordance with the detailed drawing and Technical Specifications included in the Tender Document and Schedule of Rates of BWDB, filling hydraulically with Sand (minimum 80% sand must be retained on sieve no 100), sewing along one transverse (top) side after filling, including carrying, placing in   | m    | -               | -        | -        | -        |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|--|------|-----------------|----------|----------|----------|
|        |           |  |      | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | position in the site as per approved design, cost of all materials & equipments and its mobilization, labour, incidental charges etc. complete as per direction of Engineer in Charge.   |      |                 |          |          |          |
| 150(1) | 40-480-10 | Geo Tube: Diameter= 2.5 m  | m    | 6,024.42        | 6,054.45 | 5,919.82 | 5,862.30 |
| 150(2) | 40-480-20 | Geo Tube: Diameter= 1.25 m   | m    | 1,907.08        | 1,914.58 | 1,880.91 | 1,866.35 |
| 151    | 40-485-00 | Supplying , filling and placing of Geo-Tube, making with standard geo-textile (97% Polypropylene Fabric with 3% additives, geo-textile thickness $\geq$ 4.50 mm, mass $\geq$ 600 gm/m <sup>2</sup> , EOS $\leq$ 0.075 mm, Tensile Strength $\geq$ 40kN/m, Test of service life according to ISO 13438:2018, Test of exposure time according to EN 12224 :2000 ) and sewing in accordance with the detailed drawing and Technical Specifications included in the Tender Document and Schedule of Rates of BWDB, filling hydraulically with Sand (minimum 80% sand must be retained on sieve no 100), sewing along one transverse (top) side after filling, including carrying, placing in possition in the site as per approved design, cost of all materials & equipments and its mobilization, labour, incidental charges etc. complete as per direction of Engineer in Charge. | m    | -               | -        | -        | -        |
| 151(1) | 40-485-10 | Geo-Tube: Diameter= 2.5 m  | m    | 6,220.74        | 6,250.78 | 6,116.15 | 6,058.62 |
| 151(2) | 40-485-20 | Geo-Tube: Diameter= 1.25 m   | m    | 2,005.25        | 2,012.75 | 1,979.07 | 1,964.52 |
| 152    | 40-488-00 | Supplying of Geo-Tube: making with standard geo-textile (Polyestar Fabric, geo-textile thickness $\geq$ 4.00 mm, mass $\geq$ 550 gm/m <sup>2</sup> ) and sewing in accordance with the detailed drawing and Technical Specifications included in the Tender Document and Schedule of Rates of BWDB as per approved design, cost of all materials & equipments and its mobilization, labour, incidental charges etc. complete as per direction of Engineer in Charge.   | m    | -               | -        | -        | -        |
| 152(1) | 40-488-30 | Geo-Tube: Diameter= 2.5 m  | m    | 1,114.93        | 1,114.92 | 1,114.92 | 1,114.72 |
| 152(2) | 40-488-60 | Geo-Tube: Diameter= 1.25 m   | m    | 555.57          | 555.55   | 555.55   | 555.35   |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| Sl. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|--|------|-----------------|----------|----------|----------|
|        |           |  |      | Zone A          | Zone B   | Zone C   | Zone D   |
| 153    | 40-489-00 | Filling and placing of Geo-Tube (Polyester Fabric, geo-textile thickness $\geq 4.00$ mm, mass $\geq 550$ gm/m <sup>2</sup> ): filling hydraulically with locally available sand free from silt and clay, sewing along one transverse (top) side after filling, including carrying, placing in position in the site as per approved design, cost of all materials & equipments and its mobilization, labour, incidental charges etc. complete as per direction of Engineer in Charge.   | m    | -               | -        | -        | -        |
| 153(1) | 40-489-30 | Geo-Tube: Diameter= 2.5 m, Filled with local sand free from silt and clay  | m    | 1,674.30        | 1,673.28 | 1,673.28 | 1,667.73 |
| 153(2) | 40-489-60 | Geo-Tube: Diameter= 1.25 m, Filled with local sand free from silt and clay   | m    | 419.63          | 419.37   | 419.37   | 417.97   |
| 154    | 40-490-00 | Supplying , filling and placing of Geo-Tube, making with standard geo-textile (Polyester Fabric, geo-textile thickness $\geq 4.00$ mm, mass $\geq 550$ gm/m <sup>2</sup> ) and sewing in accordance with the detailed drawing and Technical Specifications included in the Tender Document and Schedule of Rates of BWDB, filling hydraulically with locally available sand free from silt and clay, sewing along one transverse (top) side after filling, including carrying, placing in position in the site as per approved design, cost of all materials & equipments and its mobilization, labour, incidental charges etc. complete as per direction of Engineer in Charge. | m    | -               | -        | -        | -        |
| 154(1) | 40-490-10 | Geo Tube: Diameter= 2.5 m  | m    | 2,789.24        | 2,788.20 | 2,788.20 | 2,782.46 |
| 154(2) | 40-490-20 | Geo Tube: Diameter= 1.25 m   | m    | 975.20          | 974.92   | 974.92   | 973.32   |
| 155    | 40-495-00 | Supplying, filling and placing of Geo-Tube, making with standard geo-textile (Polyester Fabric, geo-textile thickness $\geq 4.50$ mm, mass $\geq 600$ gm/m <sup>2</sup> , Tensile Strength $\geq 40$ kN/m) and sewing in accordance with the detailed drawing and Technical Specifications included in the Tender Document and Schedule of Rates of BWDB, filling hydraulically with locally available sand free from silt and clay, sewing along one transverse (top) side after filling, including carrying, placing in position in the  | m    | -               | -        | -        | -        |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |           |           |           |
|--------|-----------|--|------|-----------------|-----------|-----------|-----------|
|        |           |  |      | Zone A          | Zone B    | Zone C    | Zone D    |
|        |           | site as per approved design, cost of all materials & equipments and its mobilization, labour, incidental charges etc. complete as per direction of Engineer in Charge.   |      |                 |           |           |           |
| 155(1) | 40-495-10 | Geo-Tube (Polyester): Diameter= 2.5 m  | m    | 4,647.94        | 4,662.44  | 4,532.99  | 4,527.24  |
| 155(2) | 40-495-20 | Geo-Tube (Polyester): Diameter= 1.25 m   | m    | 1,464.66        | 1,468.28  | 1,435.89  | 1,434.30  |
| 156    | 40-497-00 | Supplying, filling and placing of Geo-Tube of woven geo-textile fabric (97% Polypropylene Fabric with 3% additives, mass $\geq$ 500 gm/m <sup>2</sup> , Tensile strength $\geq$ 120 kN/m) with non-woven geo-textile inner liner (97% Polypropylene Fabric with 3% additives, geo-textile thickness 1.20-1.75 mm), sewing in accordance with the detailed drawing, filling hydraulically with Sand, placing in position in the site including the cost of all materials & equipments and its mobilization, labour, incidental charges etc. complete as per Technical Specifications and direction of Engineer in Charge. | m    | -               | -         | -         | -         |
| 156(1) | 40-497-10 | Geo-Tube (Woven): Diameter=2.5 m, Filled with local sand free from silt and clay   | m    | 6,795.78        | 6,794.76  | 6,794.76  | 6,789.05  |
| 156(2) | 40-497-15 | Geo-Tube (Woven): Diameter=2.5 m, Filled with sand of FM $>=$ 0.5  | m    | 8,297.41        | 8,322.29  | 8,296.40  | 8,290.69  |
| 156(3) | 40-497-20 | Geo-Tube (Woven): Diameter=3.0 m, Filled with local sand free from silt and clay   | m    | 8,562.72        | 8,561.26  | 8,561.26  | 8,553.03  |
| 156(4) | 40-497-25 | Geo-Tube (Woven): Diameter=3.0 m, Filled with sand of FM $>=$ 0.5  | m    | 10,726.21       | 10,762.05 | 10,724.75 | 10,716.52 |
| 156(5) | 40-497-30 | Geo-Tube (Woven): Diameter=4.0 m, Filled with local sand free from silt and clay   | m    | 12,485.06       | 12,482.46 | 12,482.46 | 12,467.83 |
| 156(6) | 40-497-35 | Geo-Tube (Woven): Diameter=4.0 m, Filled with sand of FM $>=$ 0.5  | m    | 16,331.67       | 16,395.39 | 16,329.06 | 16,314.44 |
| 157    | 40-500-00 | Supplying and placing non-woven needle punched type geotextile fabric (97% Polypropylene Fabric with 3% additives, unit weight : 855 Kg/m <sup>3</sup> to 946 Kg/m <sup>3</sup> , EOS $<=$ 0.075 mm, Test of service life according to ISO 13438:2018, Test of exposure time according to EN 12224 :2000) as filter materials of elongation at maximum force machine direction (MD) $>=$ 60% and $<=$ 100 % , elongation at  | sqm  | -               | -         | -         | -         |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | maximum force (CMD) => 40% and <= 100%, horizontal and vertical permeability (under 2 kn/m <sup>2</sup> pressure) => 2x10E-3 m/sec. for effective erosion protection in hydraulic structures/river training works including local handling, placing in position, providing machine seamed joints (with 100% polypropylene or nylon thread) or 35cm lap in dry condition or minimum 100cm lap under water including protecting the geotextile material from UV ray and from any other damages including supply of all materials, labours, equipment's etc. complete as per direction of Engineer in charge. |      |                 |        |        |        |
| 157(1) | 40-500-10 | Mass => 200 gm/m <sup>2</sup> , thickness(Under 2 kpa pressure) => 1.50mm, EoS<=0.12mm, strip tensile strength => 11 kn/m, grab strength => 600 N, CBR puncture resistance => 1600N.   | sqm  | 221.76          | 221.74 | 221.74 | 216.71 |
| 157(2) | 40-500-20 | Mass => 300 gm/m <sup>2</sup> , thickness(Under 2 kpa pressure) => 2.00mm, EoS<=0.11mm, strip tensile strength => 15kn/m, grab strength => 850N, CBR puncture resistance => 2200N.   | sqm  | 256.54          | 256.53 | 256.53 | 251.49 |
| 157(3) | 40-500-30 | Mass => 350 gm/m <sup>2</sup> , thickness(Under 2 kpa pressure) => 2.50mm, EoS<=0.09mm, strip tensile strength => 20kn/m, grab strength => 1200N, CBR puncture resistance => 3200 N.   | sqm  | 273.29          | 273.28 | 273.28 | 268.24 |
| 157(4) | 40-500-40 | Mass => 400 gm/m <sup>2</sup> , thickness(Under 2 kpa pressure) => 3.00 mm, EoS<=0.08mm, strip tensile strength => 23 kn/m, grab strength => 1500 N, CBR puncture resistance => 3800 N.  | sqm  | 286.17          | 286.16 | 286.16 | 281.13 |
| 157(5) | 40-500-50 | Mass>=550 gm/m <sup>2</sup> ; thickness(Under 2 kpa pressure) >=4.0mm, EoS<=0.06mm, strip tensile strength>=30KN/m; grab strength>=1850N; CBR puncture resistance>=5100N.  | sqm  | 331.27          | 331.26 | 331.26 | 326.22 |
| 158    | 40-505-00 | Supplying and placing of non-woven needle punched type Polyester geotextile fabric as filter materials for effective erosion protection in hydraulic structures/river training works with local handling, placing in position, providing machine seamed joints (with polypropylene or nylon thread) or 35cm lap in dry condition or  | sqm  | -               | -      | -      | -      |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|---|------|-----------------|----------|----------|----------|
|        |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | minimum 100cm lap under water as well as protecting the geotextile material from UV ray and from any other damages including supply of all materials, labours, equipment's etc. complete as per technical specification and direction of Engineer in charge.  |      |                 |          |          |          |
| 158(1) | 40-505-10 | Mass => 300 gm/m <sup>2</sup> , thickness(Under 2 kpa pressure) =>2.0mm   | sqm  | 228.34          | 228.33   | 228.33   | 223.29   |
| 158(2) | 40-505-20 | Mass => 400 gm/m <sup>2</sup> , thickness(Under 2 kpa pressure) =>3.0mm   | sqm  | 241.22          | 241.21   | 241.21   | 236.17   |
| 158(3) | 40-505-30 | Mass => 550 gm/m <sup>2</sup> , thickness(Under 2 kpa pressure) =>4.0mm   | sqm  | 266.99          | 266.98   | 266.98   | 261.94   |
| 159    | 40-510-00 | Supply & placing of woven type Natural Additive Treated Jute Geotextile (JGT) for effective erosion protection in hydraulic structures/river training works including local handling, placing in position including protecting the Jute Geotextile (JGT) material from any damages including supply of all materials, labours, equipments etc. following the technical specification and installation method complete as per direction of Engineer in charge. | sqm  | -               | -        | -        | -        |
| 159(1) | 40-510-10 | Mass >=627 gm/m <sup>2</sup> , thickness(Under 2 kpa pressure) >=2.00 mm  | sqm  | 263.73          | 263.72   | 263.72   | 258.68   |
| 160    | 40-520-00 | Supplying and laying dry 1st class or pick jhama chips as filter in two layers (top and bottom) as per specific size, range and gradation, including breaking chips, grading, preparation of surface, compacting each layer etc. complete with supply of all materials and as per direction of Engineer in charge:  | cum  | -               | -        | -        | -        |
| 160(1) | 40-520-10 | Well graded between 50mm to 20mm size.  | cum  | 4,787.93        | 4,704.44 | 4,775.20 | 4,564.43 |
| 160(2) | 40-520-20 | Well graded between 40mm to 20mm size.  | cum  | 4,914.01        | 4,829.65 | 4,900.41 | 4,683.54 |
| 160(3) | 40-520-30 | Well graded between 20mm to 5mm size.<br>(Combination of sub-item 10 & 30 or 20 & 30 shall be used)   | cum  | 5,418.55        | 5,330.69 | 5,401.45 | 5,160.17 |
| 161    | 40-530-00 | Supplying and laying shingles and peagravels as filter in two layers (top and bottom) as per specific size ranges and gradation including grading, preparation of surface, compacting each layer etc. complete with supply of   | cum  | -               | -        | -        | -        |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**BWDB Standard Schedule of Rates-2022**

| Sl. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |           |          |          |
|--------|-----------|---|------|-----------------|-----------|----------|----------|
|        |           |   |      | Zone A          | Zone B    | Zone C   | Zone D   |
|        |           | all materials and as per direction of Engineer in charge:   |      |                 |           |          |          |
| 161(1) | 40-530-10 | Well graded between 50mm to 20mm size.  | cum  | 6,134.42        | 6,864.08  | 5,023.54 | 4,997.07 |
| 161(2) | 40-530-20 | Well graded between 40mm to 20mm size.  | cum  | 6,134.42        | 6,864.08  | 5,023.54 | 4,997.07 |
| 161(3) | 40-530-30 | Well graded between 20mm to 5mm size.<br>(combination of sub-item 10 and 30 or 20 and 30 shall be used).  | cum  | 7,606.86        | 8,336.51  | 6,495.97 | 6,469.50 |
| 162    | 40-540-00 | Supplying and laying stone chips as filter in two layers (Top and bottom) as per specific size ranges and gradation including preparation of surface, grading, compacting each layer etc. complete with supply of all materials and as per direction of Engineer in charge. | cum  | -               | -         | -        | -        |
| 162(1) | 40-540-10 | Well graded between 50mm to 20mm size.  | cum  | 9,570.10        | 9,808.94  | 9,011.37 | 8,555.45 |
| 162(2) | 40-540-20 | Well graded between 40mm to 20mm size.  | cum  | 9,570.10        | 9,808.94  | 9,011.37 | 8,555.45 |
| 162(3) | 40-540-30 | Well graded between 20mm to 5mm size.<br>(Combination of sub-items 10 & 30 or 20 & 30 shall be used).   | cum  | 9,815.50        | 10,054.35 | 9,011.37 | 8,555.45 |
| 163    | 40-550-00 | Supplying and laying sand as filter layers as per specific size ranges and gradation including preparation of surface, compacting in layer etc. complete with supply of all materials and as per direction of Engineer in charge.   | cum  | -               | -         | -        | -        |
| 163(1) | 40-550-10 | FM : 2.0 to 2.5   | cum  | 2,510.59        | 2,427.69  | 2,458.36 | 2,415.10 |
| 163(2) | 40-550-20 | FM : 1.5 to 2.0   | cum  | 2,019.78        | 1,945.46  | 1,976.14 | 1,936.56 |
| 163(3) | 40-550-30 | FM : 1.0 to 1.5   | cum  | 1,375.59        | 1,344.22  | 1,344.22 | 1,317.52 |
| 164    | 40-560-00 | Labour charge for salvaging of cement concrete/sand cement/brick blocks of different sizes including carriage within the site of any protective work with all leads and lifts and stacking in measurable stacks as per direction of Engineer in charge.                     | cum  | 1,059.67        | 1,035.50  | 1,035.50 | 974.08   |
| 165    | 40-570-00 | Labour charge for salvaging of Geo-Bags of different sizes including carriage within the site of any protective work with all leads and lifts and stacking in measurable stacks as per direction of Engineer in charge.   | No.  | -               | -         | -        | -        |
| 165(1) | 40-570-10 | Salvaging of 250 kg geo-bag   | No.  | 34.80           | 34.17     | 34.17    | 31.70    |

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## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
| 165(2) | 40-570-15 | Salvaging of 200 kg geo-bag  | No.  | 29.00           | 28.48  | 28.48  | 26.42  |
| 165(3) | 40-570-20 | Salvaging of 175 kg geo-bag  | No.  | 26.06           | 25.59  | 25.59  | 23.74  |
| 165(4) | 40-570-30 | Salvaging of 125 kg geo-bag  | No.  | 16.13           | 15.84  | 15.84  | 14.71  |
| 165(5) | 40-570-40 | Salvaging of 110 kg geo-bag  | No.  | 14.64           | 14.38  | 14.38  | 13.35  |
| 165(6) | 40-570-50 | Salvaging of 80 kg geo-bag   | No.  | 13.16           | 12.92  | 12.92  | 11.99  |
| 166    | 40-580-00 | Labour charge for salvaging and removing of hard stone boulders or steel slag or brick bats etc. from the slopes and berm of the embankment, stacking the same in a measurable stacks within all leads and lifts as per direction of Engineer in charge. | cum  | 916.87          | 900.20 | 900.20 | 833.52 |
| 167    | 40-600-00 | Supplying new gunny bags at site :   | nos. | -               | -      | -      | -      |
| 167(1) | 40-600-10 | Capacity 50 kg.  | no   | 55.22           | 55.22  | 55.22  | 55.22  |
| 167(2) | 40-600-20 | Capacity 75 kg.  | no   | 62.58           | 62.58  | 62.58  | 62.58  |
| 168    | 40-610-00 | Supplying 2nd hand gunny bags in good condition at site :  | nos  | -               | -      | -      | -      |
| 168(1) | 40-610-10 | Capacity 50 kg.  | no   | 33.74           | 33.74  | 33.74  | 33.74  |
| 168(2) | 40-610-20 | Capacity 75 kg.  | no   | 43.19           | 43.19  | 43.19  | 43.19  |
| 169    | 40-620-00 | Supplying new Synthetic bags at site :   | no   | -               | -      | -      | -      |
| 169(1) | 40-620-10 | Capacity 50 kg.  | no   | 23.31           | 23.31  | 23.31  | 23.31  |
| 169(2) | 40-620-20 | Capacity 75 kg.  | no   | 29.45           | 29.45  | 29.45  | 29.45  |
| 170    | 40-630-00 | Labour charge for filling empty gunny or synthetic bags with sand or earth, sewing the end with sutly, including carrying and placing in above water position within the site as per direction of Engineer in charge.                                    | nos  | -               | -      | -      | -      |
| 170(1) | 40-630-10 | Capacity 50 kg (Fill volume = 0.030 cum).  | no   | 11.47           | 11.30  | 11.30  | 10.60  |
| 170(2) | 40-630-20 | Capacity 75 kg (Fill volume = 0.040 cum).  | no   | 18.40           | 18.11  | 18.11  | 16.94  |
| 171    | 40-640-00 | Labour charge for filling empty gunny or synthetic bags with sand or earth, sewing the end with sutly, including carrying and placing under water position within the site as per direction of Engineer -in-Charge.                                      | NULL | -               | -      | -      | -      |
| 171(1) | 40-640-10 | Capacity : 50 kg (Fill Volume = 0.030 cum)   | no   | 14.71           | 14.54  | 14.54  | 13.84  |
| 171(2) | 40-640-20 | Capacity : 75 kg (Fill Volume = 0.040 cum)   | no   | 22.74           | 22.44  | 22.44  | 21.28  |
| 172    | 40-650-00 | Supplying and filling empty gunny/synthetic bags as approved in design & drawing with sand/ earth available at site sewing the end with sutly, including carrying and placing in position within the site with supply                                    | nos  | -               | -      | -      | -      |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | of all materials as per direction of Engineer in charge.   |      |                 |        |        |        |
| 172(1) | 40-650-10 | Capacity : 50 kg (New gunny bags)  | no   | 68.61           | 68.61  | 68.61  | 68.22  |
| 172(2) | 40-650-20 | Capacity : 50 kg (2nd hand gunny bags)   | no   | 47.13           | 47.13  | 47.13  | 46.75  |
| 172(3) | 40-650-30 | Capacity : 50 kg (Synthetic bag)   | no   | 36.70           | 36.70  | 36.70  | 36.32  |
| 172(4) | 40-650-40 | Capacity : 75 kg (New gunny bags)  | no   | 84.21           | 84.21  | 84.21  | 83.57  |
| 172(5) | 40-650-50 | Capacity : 75 kg (2nd hand gunny bags)   | no   | 64.82           | 64.82  | 64.82  | 64.18  |
| 172(6) | 40-650-60 | Capacity : 75 kg (New synthetic bags)  | no   | 51.08           | 51.08  | 51.08  | 50.44  |
| 173    | 40-660-00 | Protective work with sand cement (8:1 proportion) filled 3/4th in 50 Kg & 75Kg gunny bags (sand F.M>=1.00) including supply of all materials and necessary sewing, filling and placing/dumping in position and mixing with mixture machine with designed water cement ratio & curing as per specification and direction of the Engineer-in-charge. | no   | -               | -      | -      | -      |
| 173(1) | 40-660-10 | Sand cement new gunny bag ( 50 Kg; sand cement 8:1; Fill vol = 0.026 cum)  | no   | 183.97          | 183.41 | 182.68 | 179.32 |
| 173(2) | 40-660-20 | Sand cement 2nd hand gunny bag (50 Kg; sand cement 8:1; Fill vol. = 0.026 cum)   | no   | 162.50          | 161.93 | 161.21 | 157.85 |
| 173(3) | 40-660-30 | Sand cement new gunny bag ( 75 Kg; sand cement 8:1; Fill vol = 0.031 cum)  | no   | 251.13          | 250.29 | 249.19 | 244.15 |
| 173(4) | 40-660-40 | Sand cement 2nd hand gunny bag ( 75 Kg; sand cement 8:1; Fill vol = 0.031 cum)   | no   | 231.74          | 230.90 | 229.80 | 224.76 |
| 174    | 40-670-00 | Protective work with sand cement (6:1 proportion) filled 3/4th in 75Kg gunny bags (sand F.M>=1.00) including supply of all materials and necessary sewing, filling and placing/dumping in position and mixing with mixture machine with designed water cement ratio & curing as per specification and direction of Engineer-in-charge.             | no   | -               | -      | -      | -      |
| 174(1) | 40-670-30 | Sand cement new gunny bag ( 75 Kg; sand cement 6:1; Fill vol = 0.031 cum)  | no   | 271.93          | 271.09 | 270.01 | 264.97 |
| 175    | 40-675-00 | Protective work with sand cement (OPC) (4:1 proportion) filled 3/4th in 75Kg gunny bags (sand F.M>=1.00) including supply of all materials and necessary sewing, filling and placing/dumping in position and mixing with mixture machine with designed water cement ratio & curing as per specification and direction of Engineer-in-charge.       | no   | -               | -      | -      | -      |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|---|------|-----------------|--------|--------|--------|
|        |           |   |      | Zone A          | Zone B | Zone C | Zone D |
| 175(1) | 40-675-30 | Sand cement new gunny bag ( 75 Kg; sand cement 4:1; Fill vol = 0.031 cum)   | no   | 311.24          | 310.38 | 309.39 | 304.35 |
| 176    | 40-680-00 | Supplying, sizing and placing in position local hard wood bullah such as Sonali gul, Tetul, Jam etc. including all taxes and incidental charges (bullah measured at 1/3rd. length from thick end excluding the bark) etc. complete as per direction of Engineer in charge.  | m    | -               | -      | -      | -      |
| 176(1) | 40-680-10 | 10 cm to 13 cm  | m    | 282.22          | 257.68 | 257.68 | 269.95 |
| 176(2) | 40-680-20 | Above 13 cm to 15 cm  | m    | 321.48          | 321.48 | 321.48 | 321.48 |
| 176(3) | 40-680-30 | Above 15 cm to 18 cm  | m    | 380.38          | 343.57 | 343.57 | 368.11 |
| 176(4) | 40-680-40 | Above 18 cm to 20 cm  | m    | 429.46          | 386.51 | 386.51 | 404.92 |
| 176(5) | 40-680-50 | Above 20 cm to 23 cm  | m    | 527.62          | 472.41 | 472.41 | 503.08 |
| 176(6) | 40-680-60 | Above 23 cm.  | m    | 539.89          | 490.81 | 490.81 | 515.35 |
| 177    | 40-690-00 | Labour charge for driving local hard bullah such as Sonali gul, Tetul, Jam etc. bullah piles on dry land, by monkey hammer etc. complete including charges for all equipments as per direction of Engineer in charge.   | m    | -               | -      | -      | -      |
| 177(1) | 40-690-10 | 10 cm to 13 cm  | m    | 173.04          | 169.63 | 169.63 | 160.15 |
| 177(2) | 40-690-20 | Above 13 cm to 15 cm  | m    | 207.63          | 203.54 | 203.54 | 192.17 |
| 177(3) | 40-690-30 | Above 15 cm to 18 cm  | m    | 235.86          | 231.22 | 231.22 | 218.30 |
| 177(4) | 40-690-40 | Above 18 cm to 20 cm  | m    | 259.55          | 254.44 | 254.44 | 240.23 |
| 177(5) | 40-690-50 | Above 20 cm to 23 cm  | m    | 288.26          | 282.58 | 282.58 | 266.79 |
| 177(6) | 40-690-60 | Above 23 cm.  | m    | 345.97          | 339.16 | 339.16 | 320.21 |
| 178    | 40-700-00 | Labour charge for driving hard wood bullah, such as Sonali gul, Tetul, Jam etc. bullah piles in water by monkey hammer, including supplying and erection of all necessary staging boat derricks and other equipments, etc. complete as per direction of Engineer in charge: | m    | -               | -      | -      | -      |
| 178(1) | 40-700-10 | 10 cm to 13 cm  | m    | 217.02          | 213.10 | 213.10 | 202.21 |
| 178(2) | 40-700-20 | Above 13 cm to 15 cm  | m    | 259.56          | 254.93 | 254.93 | 242.15 |
| 178(3) | 40-700-30 | Above 15 cm to 18 cm  | m    | 299.49          | 294.15 | 294.15 | 279.29 |
| 178(4) | 40-700-40 | Above 18 cm to 20 cm  | m    | 329.32          | 323.44 | 323.44 | 307.10 |
| 178(5) | 40-700-50 | Above 20 cm to 23 cm  | m    | 366.02          | 359.49 | 359.49 | 341.33 |
| 178(6) | 40-700-60 | Above 23 cm.  | m    | 439.17          | 431.35 | 431.35 | 409.55 |
| 179    | 40-710-00 | Supplying, fitting and fixing of half sawn local hard wood walling pieces, fitted with 20mm. dia bolts and nuts at 1.0m c/c etc. complete as per direction of Engineer in charge:   | m    | -               | -      | -      | -      |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|---|------|-----------------|--------|--------|--------|
|        |           |   |      | Zone A          | Zone B | Zone C | Zone D |
| 179(1) | 40-710-05 | 13 cm to 15 cm dia  | m    | 219.32          | 219.22 | 219.22 | 217.72 |
| 179(2) | 40-710-10 | 15 cm to 18 cm dia  | m    | 253.45          | 234.92 | 234.92 | 245.59 |
| 179(3) | 40-710-20 | Above 18 cm dia   | m    | 282.84          | 261.23 | 261.23 | 268.72 |
| 180    | 40-720-00 | Supplying, sizing and placing of barrack bamboo pins and stays of diameter $\geq 8.0$ cm in position etc. complete as per direction of Engineer in charge.  | no   | -               | -      | -      | -      |
| 180(1) | 40-720-10 | Length: $\geq 4.5$ m to $\leq 6.0$ m.   | no   | 339.66          | 308.94 | 308.94 | 327.19 |
| 180(2) | 40-720-20 | Length: $\geq 2.0$ m to $< 4.5$ m.  | no   | 169.86          | 154.50 | 154.50 | 163.62 |
| 181    | 40-730-00 | Labour charge for driving barrack bamboo pins of diameter $\geq 8.0$ cm, by hammer or monkey hammer, as per direction of Engineer in charge.  | m    | -               | -      | -      | -      |
| 181(1) | 40-730-10 | $\geq 1.50$ m to $\leq 2.0$ m drive, on dry land.   | m    | 215.20          | 211.30 | 211.30 | 195.71 |
| 181(2) | 40-730-20 | $\geq 1.50$ m to $\leq 2.0$ m drive, in water including necessary staging etc. as required.   | m    | 112.93          | 110.98 | 110.98 | 103.19 |
| 181(3) | 40-730-30 | $\geq 0.75$ m to $< 1.50$ m, on dry land.   | m    | 143.73          | 141.13 | 141.13 | 130.74 |
| 181(4) | 40-730-40 | $\geq 0.75$ m to $< 1.50$ m, in water including necessary staging etc. as required.   | m    | 77.23           | 75.93  | 75.93  | 70.74  |
| 182    | 40-740-00 | Supplying, sizing and fitting in position 8.0 cm and above dia in size full barrack bamboo half split walling pieces with nails average 1.00 m apart including supply of all materials as per direction of Engineer in charge.  | m    | -               | -      | -      | -      |
| 182(1) | 40-740-10 | Double Walling.   | m    | 91.90           | 86.38  | 86.38  | 88.28  |
| 182(2) | 40-740-20 | Single Walling.   | m    | 52.82           | 50.06  | 50.06  | 51.01  |
| 183    | 40-750-00 | Labour charge for taking out bullah from river bed (measurement for the driven portion to be taken only); or cross ties walling pieces, including cutting and opening out bolts and nuts; or old bamboo pieces and struts from river bed and stacking the materials on the bank as per direction of Engineer in charge. | m    | -               | -      | -      | -      |
| 183(1) | 40-750-10 | Bullah  | m    | 64.11           | 62.95  | 62.95  | 58.28  |
| 183(2) | 40-750-20 | Walling pieces  | m    | 16.87           | 16.56  | 16.56  | 15.34  |
| 183(3) | 40-750-30 | Old bamboo pieces and struts  | no   | 13.50           | 13.25  | 13.25  | 12.27  |
| 184    | 40-760-00 | Supplying and placing in position and fitting, fixing single layer tarjah doubly woven matting with necessary ties including the cost of all materials etc. complete as per direction of Engineer in charge.  | sqm  | 233.45          | 233.23 | 233.23 | 232.35 |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|---|------|-----------------|----------|----------|----------|
|        |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
| 185    | 40-770-00 | Supplying, fitting and fixing old drum sheet with necessary nails, ties etc. for protective works, including carriage of all materials to work site, as per direction of Engineer in charge.  | sqm  | 360.37          | 359.93   | 359.93   | 358.17   |
| 186    | 40-810-00 | Brick mattressing work, 150 mm thick, with 1st. class bricks, encased in double layers of 12 SWG galvanised wire netting, 100 mm hexagonal mesh, including fixing, spreading and tying both upper and lower layers with 12 SWG galvanised wire at 60cm c/c including anchoring with 1.5m long 75mm to 100mm dia wooden/bamboo post at 3.0m c/c both ways (at least 1.2m of the post shall be driven under ground and 0.3m shall be above ground level to facilitate tying), box cutting to required depth, fine dressing of base and supplying of all materials etc. complete and as per direction of Engineer in charge:   | sqm  | 2,210.52        | 2,188.78 | 2,204.36 | 2,121.57 |
| 187    | 40-820-00 | Labour charge for brick mattressing work, 150 mm thick, with 1st class bricks, encased in double layers of 12 SWG galvanised wire netting, 100mm hexagonal mesh, including fixing, spreading and tying both upper and lower layers, with 12 SWG galvanised wire at 60cm c/c, including anchoring with 1.5m long 75mm to 100mm dia wooden/bamboo posts at 3.0m c/c both ways (at least 1.2m of the post shall be driven under ground and 0.3m shall be above ground to facilitate tying), box cutting to required depth and fine dressing of base, excluding the cost of bricks, wire net and G.I. wire, but including the cost of bamboo/wooden posts etc. complete and as per direction of Engineer in charge: | sqm  | 291.38          | 286.35   | 286.35   | 269.36   |
| 188    | 40-830-00 | Labour charge for brick mattressing with 1st class bricks, 75mm thick, covered with single layer of 12 SWG galvanised wire netting, 100mm hexagonal mesh, including fixing, spreading and tying with 12 SWG galvanised wire and anchoring with 1.5m long 75mm to 100mm dia bamboo at 3.0m c/c both ways, box cutting to required depth, fine dressing of base, excluding the cost of bricks, wire net and G.I. wire, but including  | sqm  | 121.82          | 118.79   | 118.79   | 112.94   |

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BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|---|------|-----------------|----------|----------|----------|
|        |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | the cost of bamboo pegs etc. complete and as per direction of Engineer in charge.   |      |                 |          |          |          |
| 189    | 40-840-00 | Manufacturing and supplying 100mm size hexagonal mesh wire netting crates of 12 SWG galvanised wire, filling the same with boulders/bricks/brick bats (not smaller than half brick) and stitching with 12 SWG galvanised wire, tying the same and laying in position under water in bed or slope of canal/river, with supply of all materials etc. complete and as per direction of Engineer in charge:   | each | -               | -        | -        | -        |
| 189(1) | 40-840-10 | 0.90mx0.60mx0.45m, with first class bricks/brick bats (minimum 1/2 brick).  | each | 2,839.45        | 2,811.52 | 2,835.82 | 2,733.37 |
| 189(2) | 40-840-20 | 0.90mx0.60mx0.45m, with boulders (minimum size 120mm).  | each | 3,154.35        | 3,311.41 | 2,908.88 | 2,853.44 |
| 189(3) | 40-840-30 | 0.60mx0.60mx0.45m, filled with first class bricks/brick bats (minimum 1/2 brick).   | each | 2,013.84        | 1,994.94 | 2,011.14 | 1,938.82 |
| 189(4) | 40-840-40 | 0.60mx0.60mx0.45m, filled with boulders (minimum size 120mm).   | each | 2,225.45        | 2,329.86 | 2,061.51 | 2,020.43 |
| 189(5) | 40-840-50 | 0.50mx0.50mx0.45m, filled with first class bricks/brick bats (minimum 1/2 brick).   | each | 1,497.38        | 1,484.05 | 1,495.34 | 1,442.00 |
| 189(6) | 40-840-60 | 0.50mx0.50mx0.45m, filled with boulders (minimum size 120mm).   | each | 1,642.50        | 1,714.88 | 1,528.44 | 1,496.89 |
| 190    | 40-850-00 | Labour charge for untying and removing the wire nets and picking the bricks and stacking properly the same as per direction of Engineer in charge:  | sqm  | -               | -        | -        | -        |
| 190(1) | 40-850-10 | 75mm thick brick mattressing.   | sqm  | 23.42           | 23.13    | 23.13    | 21.72    |
| 190(2) | 40-850-20 | 150mm thick brick mattressing.  | sqm  | 44.55           | 44.01    | 44.01    | 41.35    |
| 191    | 40-855-00 | Supplying, sizing, fitting and laying in position of different sizes of Bamboo fascines, making the fascines @0.30m c/c both ways to be built up with bundles of one way full size bamboo and other way binder 2 split barrack bamboo be made from (80-100) mm dia barrack bamboo with overlapping at least 1.5 m & fastening them with nylon rope of minimum 6mm dia @0.3 m c/c both ways, laying 4 mm thickness and 550 gm/sqm geo-textile mattress at bottom of the bamboo fascines with overlapping at least 0.5m and fastening geo-textile with bamboo fascines using nylon rope of minimum 6mm dia@1.0 m c/c both ways including carrying and supplying | sqm  | 686.10          | 650.57   | 650.57   | 663.20   |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|--|------|-----------------|----------|----------|----------|
|        |           |  |      | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | of all materials etc. complete as per approved design, technical specification and direction of Engineer in charge.  |      |                 |          |          |          |
| 192    | 40-860-00 | Supplying and making 1.80mx1.80mx1.80m bamboo, porcupines including 0.60mx0.60mx0.60m chamber by 75mm to 100mm dia barak bamboo with minimum 200mm long nails and string, filling the chamber with 1st. class brick bates(not smaller than 1/2 brick/ boulders (not less than 150mm), as per approved design and placing/dumping the same in position under water in slope and in bed of the river etc. complete and as per direction of Engineer in charge.   | each | -               | -        | -        | -        |
| 192(1) | 40-860-10 | Filled with bricks/brickbats.  | each | 8,683.15        | 8,155.78 | 8,177.37 | 8,327.32 |
| 192(2) | 40-860-20 | Filled with boulders.  | each | 8,939.16        | 8,576.50 | 8,218.70 | 8,411.83 |
| 193    | 40-870-00 | Construction of double row bamboo spur, with full length barrack bamboo, 60mm to 75mm dia and 3.0m to 4.5m long, 0.30m c/c, 1.5m apart and single row runner with half split bamboo on both sides, of each row, fixing with country nails, and 1.5m apart, double layers cross tie at 3.0m interval and 1.5m apart, including 2.4m to 3.0m driving of bamboo pins by monkey hammer, necessary staging etc. complete with supply of all materials and as per drawing and direction of Engineer in charge.   | m    | 2,395.99        | 2,231.77 | 2,231.77 | 2,273.86 |
| 194    | 40-880-00 | Construction of double row bamboo spur, with full length barrack bamboo of average 60mm to 75mm dia and 4.5m to 6.0m long, at 0.30m c/c, two rows at 1.5m apart and stays with bamboo at 3.0m apart on D/S side of the spur and single row runner with half split bamboo on both sides of each row and double layers cross tie at 3.0m interval, including 2.4m to 3.0m driving of bamboo pins by monkey hammer, necessary staging etc. complete with supply of all materials including local carriage within 150m and as per drawing and direction of Engineer in charge. | m    | 4,123.92        | 3,873.90 | 3,873.90 | 3,918.93 |
| 195    | 40-890-00 | Construction of double row bamboo spur, with full length barrack bamboo  | m    | 5,932.71        | 5,449.10 | 5,449.10 | 5,611.42 |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code                             | Description of Item  | Unit | Item Rate (Tk.) |          |          |          |
|--------|---------------------------------------|--|------|-----------------|----------|----------|----------|
|        |                                       |  |      | Zone A          | Zone B   | Zone C   | Zone D   |
|        |                                       | of average 75mm to 100mm dia, 7.5m to 11.0m long, at 0.3m c/c, two rows at 1.5m apart and stays with bamboo at 3.0m apart on the D/S side of the spur and double row runner with half split bamboo on both sides of each row, double layer cross tie at 3.0m interval, including 2.4m to 3.0m driving of bamboo pins by monkey hammer, necessary staging etc. complete with supply of all materials including local carriage within 150m and as per drawing and direction of Engineer in charge.   |      |                 |          |          |          |
| 196    | 40-900-00                             | Construction of single row bamboo spur, with full length barrack bamboo of average 60mm to 75mm dia and 6.0m to 7.5m long, at 0.3m c/c and stays with bamboo at 3 m apart on the D/S side of the spur, double row runner with half split bamboo on both sides and also with double layer cross tie at 3.0m interval, including 2.4m to 3.0m driving of bamboo pins by monkey hammer, necessary staging etc. complete with supply of all materials including local carriage within 150m and as per drawing and direction of Engineer in charge. | m    | 2,534.52        | 2,357.17 | 2,357.17 | 2,414.08 |
| 197    | 40-910-00                             | Supplying of brush wood compacted in bundle not more than 75cm. dia and 180cm. in length tied securely with coir string and dumping the same in position etc. complete with supply of all materials and as per direction of Engineer in charge.  | cum  | 675.69          | 667.51   | 667.51   | 634.78   |
| 198    | 40-920-00                             | Earth work in cutting and filling of eroded bank of river, channel etc. to design slope, including levelling, dressing and compacting the earth in 150mm layers and preparation of the base for bank protection work and use the excess material for filling the ditches on the bank within 50 m or specified in the drawing, if no ditches to be filled then excess material shall be disposed of at least 100 m from the bank line on C/S etc. complete as per direction of Engineer in charge.  | cum  | 253.44          | 248.87   | 248.87   | 230.46   |
|        | <b>44. Piling and Caisson Sinking</b> |  |      |                 |          |          |          |
| 199    | 44-130-00                             | Supplying and installation of best quality M.S. pipe of 6mm wall   | m    | -               | -        | -        | -        |

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*L O O D O O R O O N A E D A N W + G T A S S*

## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit  | Item Rate (Tk.) |            |            |            |
|--------|-----------|--|-------|-----------------|------------|------------|------------|
|        |           |  |       | Zone A          | Zone B     | Zone C     | Zone D     |
|        |           | thickness of different diameter (Inner) to work site for bored cast in situ pile as permanent casing including loading, unloading, carrying and all sorts of handling, taxes, incidental charges, fitting and fixing the same in position by making all arrangements etc. complete, as per design, specification and direction of Engineer in charge.  |       |                 |            |            |            |
| 199(1) | 44-130-10 | 400mm dia.   | m     | 9,852.65        | 9,852.65   | 9,852.65   | 9,849.96   |
| 199(2) | 44-130-20 | 500mm dia.   | m     | 12,240.44       | 12,240.44  | 12,240.44  | 12,237.76  |
| 199(3) | 44-130-30 | 600mm dia.   | m     | 14,668.37       | 14,668.37  | 14,668.37  | 14,665.36  |
| 199(4) | 44-130-40 | 700mm dia.   | m     | 17,073.34       | 17,073.34  | 17,073.34  | 17,070.34  |
| 199(5) | 44-130-50 | 800mm dia.   | m     | 19,499.18       | 19,499.18  | 19,499.18  | 19,495.95  |
| 199(6) | 44-130-60 | 900mm dia.   | m     | 21,904.15       | 21,904.15  | 21,904.15  | 21,900.93  |
| 199(7) | 44-130-70 | 250 mm dia.  | m     | 6,205.05        | 6,205.05   | 6,205.05   | 6,202.69   |
| 199(8) | 44-130-80 | 200 mm dia.  | m     | 5,113.00        | 5,113.00   | 5,113.00   | 5,110.63   |
| 200    | 44-240-00 | Supplying at site U-Type hot rolled steel sheet pile of different section of Phosphorus=0.04%(Maximum), Sulphur = 0.04% (Maximum), Tensile strength=> 490 N/mm <sup>2</sup> , Yield strength =>295 N/mm <sup>2</sup> , Elongation =17% (Minimum) including all taxes, freights, incidental charges etc. complete as per as per detail technical specification and direction of the Engineer-in-charge. | m.ton | -               | -          | -          | -          |
| 200(1) | 44-240-10 | U-Type, hot-rolled steel sheet pile width= 400mm to 600mm: height=> 100mm, Thickness=>=10.5mm. ( $\pm 0.50$ mm)  | m.ton | 116,567.56      | 116,567.56 | 116,567.56 | 116,567.56 |
| 200(2) | 44-240-20 | U-Type, hot-rolled steel sheet pile width= 400mm to 600mm: height=> 130mm, Thickness=>=13.0mm. ( $\pm 0.50$ mm)  | m.ton | 116,567.56      | 116,567.56 | 116,567.56 | 116,567.56 |
| 200(3) | 44-240-30 | U-Type, hot-rolled steel sheet pile width= 400mm to 600mm: height=> 170mm, Thickness=>=15.5mm. ( $\pm 0.50$ mm)  | m.ton | 116,567.56      | 116,567.56 | 116,567.56 | 116,567.56 |
| 201    | 44-250-00 | Supplying at site U-Type Plastic Sheet Piles of different section made from rigid polyvinyl chloride and modified with polymer stabilizers to enhance chemical, weather, temperature, impact-resistance (heat stabilizers, ultraviolet stabilizers, fillers and pigments) including all taxes, freights, incidental charges etc. complete as per   | sqm   | -               | -          | -          | -          |

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## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |           |           |           |
|--------|-----------|---|------|-----------------|-----------|-----------|-----------|
|        |           |   |      | Zone A          | Zone B    | Zone C    | Zone D    |
|        |           | detail technical specification and direction of Engineer in charge.   |      |                 |           |           |           |
| 201(1) | 44-250-10 | U-Type Plastic Sheet Pile : width= 400mm to 600mm, height=> 200mm, Thickness>=9.0 mm  | sqm  | 12,024.86       | 12,024.86 | 12,024.86 | 12,024.86 |
| 202    | 44-260-00 | Driving Plastic Sheet Piles of various sections and weights in any type of soil, installation by vibrator and rig with steel sheet pile guide including handling and placing in position, staging and supplying of all equipments like vibro hammer, pully, rope, bamboo, bullah etc. including correcting leaning beyond tolerance & other defects and any other incidental cost etc. complete (measurement will be taken on projected width x height) as per direction of Engineer in charge. | sqm  | -               | -         | -         | -         |
| 202(1) | 44-260-10 | Upto 6.50 m depth   | sqm  | 1,592.03        | 1,580.74  | 1,580.74  | 1,549.50  |
| 203    | 44-270-00 | Driving steel sheet piles of various sections and weights in any type of soil, by monkey hammer including handling and placing in position, staging and supplying of all equipments like monkey hammer, pully, rope, bamboo, bullah etc. including correcting leaning beyond tolerance & other defects and any other incidental cost etc. complete (measurement will be taken on projected width x height) as per direction of Engineer in charge.  | sqm  | -               | -         | -         | -         |
| 203(1) | 44-270-10 | Flat Type : Upto 4.50 m depth.  | sqm  | 1,395.54        | 1,373.07  | 1,373.07  | 1,332.19  |
| 203(2) | 44-270-20 | U-Type or any other type : Upto 4.50 m depth.   | sqm  | 1,854.46        | 1,829.22  | 1,829.22  | 1,766.53  |
| 204    | 44-290-00 | Driving steel sheet piles of various sections and weights in any type of soil, by mechanical device including handling and placing in position including supply of all materials and equipments related with driving of sheet piles including correcting leaning beyond tolerance and other defects etc. complete (measurement will be taken on projected width x height) as per direction of Engineer in charge.   | sqm  | -               | -         | -         | -         |
| 204(1) | 44-290-10 | Flat Type : Upto 6.50 m depth.  | sqm  | 1,226.44        | 1,216.89  | 1,216.89  | 1,199.15  |
| 204(2) | 44-290-20 | Flat Type : Upto 12.50 m depth.   | sqm  | 1,793.27        | 1,783.72  | 1,783.72  | 1,766.71  |
| 204(3) | 44-290-30 | U-Type or any other type : Upto 6.50 m depth.   | sqm  | 1,768.37        | 1,757.08  | 1,757.08  | 1,725.83  |

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**BWDB Standard Schedule of Rates-2022**

| Sl. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|---|------|-----------------|----------|----------|----------|
|        |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
| 204(4) | 44-290-40 | U-Type or any other type : Upto 12.50 m depth.  | sqm  | 2,390.35        | 2,379.06 | 2,379.06 | 2,349.11 |
| 205    | 44-300-00 | Lifting steel sheet piles of any section and weights from any type of soil by mechanical device including handling and placing in stacks etc. complete (measurement will be taken on projected width x height)including supply of all equipments etc. complete as per direction of Engineer in charge.  | sqm  | 3,714.53        | 3,694.20 | 3,694.20 | 3,682.76 |
| 206    | 44-310-00 | Supplying and placing 20mm thick hessian cloth impregnated with bitumen in expansion joints or on top of sheet piles as per specification and direction of Engineer in charge.  | sqm  | 615.42          | 615.38   | 615.38   | 607.58   |
| 207    | 44-320-00 | Cutting of steel sheet piles to design length and shape as per requirement in design and drawing and as per direction of Engineer in charge.  | m    | -               | -        | -        | -        |
| 207(1) | 44-320-10 | Upto 10mm thick.  | m    | 50.20           | 49.94    | 49.94    | 47.69    |
| 207(2) | 44-320-20 | Above 10mm thick.   | m    | 59.56           | 59.24    | 59.24    | 56.42    |
| 208    | 44-330-00 | Jointing steel sheet piles Of different thickness by welding to increase the length of pile as per requirement including necessary modification of the ends to receive the weld, supply of welding materials, equipments and other accessories as per specification and direction of Engineer in charge.  | m    | 1,003.71        | 1,002.35 | 1,002.35 | 990.09   |
| 209    | 44-340-00 | Fabrication and construction of corner Joints in steel sheet piles including cutting, welding, shaping as per design and specification and as per requirement including supply of necessary welding materials, equipments and other accessories as per specification and direction of Engineer in charge.   | m    | 477.96          | 476.43   | 476.43   | 464.34   |
| 210    | 44-360-00 | Sinking open caisson in all kinds of soils by using mechanical or manually operated grabs including use of bentonite or any other appropriate slurry for facilitating driving, additional weight where necessary etc. complete including supply of all equipments, manpower and other allied materials etc. complete (measurement will be given for outside face of caisson sunk) as per direction of Engineer in charge. | sqm  | -               | -        | -        | -        |
| 210(1) | 44-360-10 | 0.00 m to 3.00 m.   | sqm  | 1,125.82        | 1,117.25 | 1,116.89 | 1,082.73 |

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## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|---|------|-----------------|----------|----------|----------|
|        |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
| 210(2) | 44-360-20 | 3.00 m to 6.00 m.   | sqm  | 1,445.00        | 1,435.13 | 1,434.59 | 1,389.61 |
| 210(3) | 44-360-30 | 6.00 m to 9.00 m.   | sqm  | 2,071.41        | 2,058.74 | 2,057.93 | 1,991.01 |
| 210(4) | 44-360-40 | Above 9.00 m.   | sqm  | 3,396.09        | 3,372.57 | 3,371.76 | 3,238.65 |
| 211    | 44-370-00 | Manufacturing and supplying 30mm thick pre-cast ferro-cement sheet pile in construction of drain/ sluice/ culvert/ outlet and any other works in leanest mix 1:2 with sand of FM>=2.0 to attain a minimum 28 day cylinder strength of 20.00 N/mm <sup>2</sup> including screening, grading and washing aggregates with clear water, mixing, laying in forms, consolidating, curing, testing, placing wire-mesh in position, welding, including making grooves and keys as per approved design and drawing including tools, plants, preparation of platform, shuttering (timber shutter with sheet lining and polythene sheet) and stacking in measurable stacks including cost of all materials and labour (excluding the cost of M.S work for reinforcement) etc. complete as per direction of Engineer in charge. | sqm  | 1,752.24        | 1,739.92 | 1,741.35 | 1,726.21 |
| 212    | 44-380-00 | Driving pre-cast ferro-cement sheet pile upto 2.0 m depth including layout, providing centreline and bench mark pillars, carriage of piles from yard to driving point, placing the same in row and position, staging, plumbing, providing horizontal runners, water jetting where necessary including supply of all equipments like timber dolly, pulley, rope, bamboo, bullah, hammer etc. complete (measurement will be taken on projected width x height) as per direction of Engineer in charge.  | sqm  | 395.95          | 388.10   | 388.10   | 373.93   |
| 213    | 44-400-00 | Execution of sand pile through displacement method by using tripod rig, mechanical winch, special type drop hammer (weighing minimum 1.00 ton) and casing pipe of inner dia 250mm to 300mm upto a maximum depth of 6.5m, compacting the sand with desired sand force volume and FM value of sand upto desired relative density (60% to 65%), to attain the desired SPT value between sand piles etc. complete including the cost of compacted sand as per design,   | m    | -               | -        | -        | -        |

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## BWDB Standard Schedule of Rates-2022

| Sl. No  | Item Code | Description of Item                                | Unit | Item Rate (Tk.) |          |          |          |
|---------|-----------|--|------|-----------------|----------|----------|----------|
|         |           |  |      | Zone A          | Zone B   | Zone C   | Zone D   |
|         |           | specification and direction of Engineer in charge. |      |                 |          |          |          |
| 213(1)  | 44-400-05 | Sand force Vol. 0.15 cum/m,<br>FM>=1.5             | m    | 478.82          | 469.11   | 473.71   | 466.46   |
| 213(2)  | 44-400-10 | Sand force Vol. 0.15 cum/m,<br>FM>=2.0             | m    | 607.66          | 595.37   | 599.97   | 591.61   |
| 213(3)  | 44-400-15 | Sand force Vol. 0.15 cum/m,<br>FM>=2.5             | m    | 626.07          | 613.77   | 618.37   | 610.02   |
| 213(4)  | 44-400-20 | Sand force Vol. 0.20 cum/m,<br>FM>=1.5             | m    | 642.11          | 629.16   | 635.29   | 625.45   |
| 213(5)  | 44-400-25 | Sand force Vol. 0.20 cum/m,<br>FM>=2.0             | m    | 813.90          | 797.50   | 803.64   | 792.33   |
| 213(6)  | 44-400-30 | Sand force Vol. 0.20 cum/m,<br>FM>=2.5.            | m    | 838.44          | 822.04   | 828.18   | 816.87   |
| 213(7)  | 44-400-35 | Sand force Vol. 0.25 cum/m,<br>FM>=1.5             | m    | 802.64          | 786.44   | 794.11   | 781.81   |
| 213(8)  | 44-400-40 | Sand force Vol. 0.25 cum/m,<br>FM>=2.0             | m    | 1,017.37        | 996.88   | 1,004.55 | 990.41   |
| 213(9)  | 44-400-45 | Sand force Vol. 0.25 cum/m,<br>FM>=2.5             | m    | 1,048.05        | 1,027.56 | 1,035.22 | 1,021.08 |
| 213(10) | 44-400-50 | Sand force Vol. 0.30 cum/m,<br>FM>=1.5             | m    | 957.65          | 938.21   | 947.41   | 932.91   |
| 213(11) | 44-400-55 | Sand force Vol. 0.30 cum/m,<br>FM>=2.0             | m    | 1,215.32        | 1,190.73 | 1,199.94 | 1,183.22 |
| 213(12) | 44-400-60 | Sand force Vol. 0.30 cum/m,<br>FM>=2.5             | m    | 1,252.13        | 1,227.54 | 1,236.75 | 1,220.04 |
| 213(13) | 44-400-65 | Sand force Vol. 0.35 cum/m,<br>FM>=1.5             | m    | 1,123.70        | 1,101.02 | 1,111.76 | 1,094.54 |
| 213(14) | 44-400-70 | Sand force Vol. 0.35 cum/m,<br>FM>=2.0             | m    | 1,424.32        | 1,395.63 | 1,406.37 | 1,386.57 |
| 213(15) | 44-400-75 | Sand force Vol. 0.35 cum/m,<br>FM>=2.5             | m    | 1,467.27        | 1,438.58 | 1,449.31 | 1,429.52 |

### 48. Turfing and Tree Planting

|     |           |   |     |       |       |       |       |
|-----|-----------|---|-----|-------|-------|-------|-------|
| 214 | 48-100-00 | Fine dressing and close turfing of the slopes and the crest of embankment with 75mm thick, good quality durba or charkanta sods of size 200mm x 200mm, with all leads and lifts, including ramming, watering until the turf grows properly, maintaining etc. complete (measurement will be given on well grown grass only). as per direction of Engineer in charge. | sqm | 39.26 | 38.77 | 38.77 | 36.81 |
| 215 | 48-110-00 | Plantation of Vetiver/Napier/Hogla/Chhon Grass tiller @ 0.2m c/c interval in 1.00m(one meter) horizontal and vertical grid with all leads & lifts in the slope of the embankment for protection of rain-cuts, erosion control, wave action etc. including supplying of Vetiver/Napier/Hogla/Chhon grass   | sqm | 31.60 | 31.29 | 31.29 | 30.06 |

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*K. (Signature)* *B. (Signature)* *C. (Signature)* *D. (Signature)* *E. (Signature)* *F. (Signature)* *G. (Signature)* *H. (Signature)* *I. (Signature)* *J. (Signature)* *K. (Signature)* *L. (Signature)* *M. (Signature)* *N. (Signature)* *O. (Signature)* *P. (Signature)* *Q. (Signature)* *R. (Signature)* *S. (Signature)* *T. (Signature)* *U. (Signature)* *V. (Signature)* *W. (Signature)* *X. (Signature)* *Y. (Signature)* *Z. (Signature)*

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |        |        |        |
|--------|-----------|--|------|-----------------|--------|--------|--------|
|        |           |  |      | Zone A          | Zone B | Zone C | Zone D |
|        |           | tiller produced in the nursery, ramming the loose soil properly during plantation, nursing and maintenance of Vetiver/Napier/Hogla/Chhon grass, dug bailing and watering until the Vetiver/Napier/Hogla/Chhon grass grown properly (Measurment will be given on well grown Vetiver/Napier/Hogla/Chhon grass only) as per directiion of the Engineer-in-charge.   |      |                 |        |        |        |
| 216    | 48-130-00 | Biological protection of bare earth surface by Dholkalmi with minimum 50cm long sapling, planting @ not more than 30 cm apart including supplying, sizing, taping and nursing etc. complete as per direction of the Engineer in charge.  | m    | 7.01            | 6.90   | 6.90   | 6.42   |
| 217    | 48-210-00 | Plantation of coconut plant including cutting earth and supplying at site 75cm to 90cm long plant including putting manure and salt by digging 60cm dia hole to a depth of average 45cm, supplying 10.0 kg of manure & 1.0 kg. salt and keeping it wet for one month before plantation including guarding and watering the plant for 6 months as per direction of Engineer in Charge.  | each | 536.09          | 530.36 | 530.36 | 507.44 |
| 218    | 48-220-00 | Plantation of all kinds of timber plants and fruit plants such as Mehegany, Teak, Sal, Chamble, Mango, Jack, Lichi, Kul etc including cutting earth and supplying at site average 1.0m height plant, including putting manure by digging 45cm dia hole, to a depth of average 30cm, supplying and mixing 7.56 kg of manure, tieing the plant with 1.50m split bamboo post and keeping it wet for one month before plantation including guarding the plant for 6 months as per direction of Engineer in Charge. | each | 297.00          | 291.13 | 291.13 | 274.55 |
| 219    | 48-230-00 | Supplying at site materials for plantation of trees, as per direction of Engineer in charge.   | kg   | -               | -      | -      | -      |
| 219(1) | 48-230-10 | Cow dung   | kg   | 1.84            | 1.84   | 1.84   | 1.84   |
| 219(2) | 48-230-20 | Salt   | kg   | 42.95           | 42.95  | 42.95  | 42.95  |
| 219(3) | 48-230-30 | Urea   | kg   | 30.68           | 30.68  | 30.68  | 30.68  |
| 219(4) | 48-230-40 | Daow   | each | 368.11          | 368.11 | 368.11 | 368.11 |
| 219(5) | 48-230-50 | Kodal (standard size)  | each | 552.16          | 552.16 | 552.16 | 552.16 |

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## BWDB Standard Schedule of Rates-2022

| SL. No                        | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|-------------------------------|-----------|---|------|-----------------|----------|----------|----------|
|                               |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
| 219(6)                        | 48-230-60 | Tukri (standard size)   | each | 147.24          | 147.24   | 147.24   | 147.24   |
| 219(7)                        | 48-230-70 | Nirani (standard size)  | each | 184.05          | 184.05   | 184.05   | 184.05   |
| 219(8)                        | 48-230-80 | Bucket (25 cm to 31 cm)   | each | 306.76          | 306.76   | 306.76   | 306.76   |
| 219(9)                        | 48-230-90 | Water sprayer   | each | 220.86          | 220.86   | 220.86   | 220.86   |
| 220                           | 48-300-00 | Supplying of bamboo jafry gabion of 1.40m height and 60cm average dia, including fixing by barrack bamboo post of 60mm to 70mm dia including fitting and fixing etc. complete.  | each | 333.36          | 308.01   | 308.01   | 317.00   |
| <b>60. Drain Construction</b> |           |   |      |                 |          |          |          |
| 221                           | 60-100-00 | Construction of masonry surface drain, with 75mm thick brick work with first class brick on one brick flat soling at base, all set in sand (FM>=1.5) cement mortar (1:4), 12mm thick sand (FM>=1.3) cement plaster (1:3), including rounding corners and necessary earth work, ramming and watering etc. complete (average depth 25cm, bottom width 22cm and top width 45cm) including the cost of all materials as per direction of Engineer in charge.  | m    | 1,409.88        | 1,387.93 | 1,402.62 | 1,345.69 |
| 222                           | 60-110-00 | Construction of masonry surface drain with 125mm thick brick work with first class brick on one brick flat soling at base, all set in sand (FM>=1.5) cement mortar (1:4), 12mm thick sand (FM>=1.3) cement plaster (1:3), including rounding corners and necessary earth work, ramming and watering etc. complete (average depth 25cm bottom width 30cm and top width 30cm) including the cost of all materials as per direction of Engineer in charge.   | m    | 1,752.40        | 1,724.78 | 1,743.45 | 1,672.26 |
| 223                           | 60-120-00 | Construction of masonry surface drain with 125mm thick brick work with first class bricks on one brick flat soling at base, all set in sand (FM>=1.5) cement mortar (1:4), 12mm thick sand (FM>=1.3) cement plaster (1:3), including rounding corners and necessary earth work, ramming and watering etc. complete (average depth 45cm, bottom width 38cm and top width 50cm) including the cost of all materials as per direction of Engineer in charge. | m    | 2,346.18        | 2,309.77 | 2,333.56 | 2,237.66 |
| 224                           | 60-130-00 | Construction of masonry surface drain with 125mm thick brick work. with   | m    | 2,403.50        | 2,370.44 | 2,391.03 | 2,297.45 |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|---|------|-----------------|----------|----------|----------|
|        |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | first class bricks, all set in sand (FM>=1.5) cement mortar (1:4) and 10cm thick cement concrete (1:2:4) (sand of FM>=1.5, 20mm down graded brick chips) at bottom over a brick flat soling, 12mm thick sand (FM>=1.3) cement plaster (1:3), including rounding corners, necessary earth work, ramming, watering etc. complete (average depth 50cm, bottom width 30cm and top width 30cm) including the cost of all materials as per direction of Engineer in charge.   |      |                 |          |          |          |
| 225    | 60-140-00 | Construction of masonry surface drain with 250mm thick brick work with 1st class brick, all set in sand (FM>=1.5) cement mortar (1:4) and 10cm thick cement concrete (1:2:4) (sand of FM>=1.5, 20mm down graded brick chips) at bottom over a brick flat soling, 12mm thick sand (FM>=1.3) cement plaster (1:3), including rounding corners, necessary earth work, ramming, watering etc. complete (average depth 75cm, bottom width 45cm and top width 75cm) including the cost of all materials as per direction of Engineer in charge. | m    | 5,444.79        | 5,365.21 | 5,416.70 | 5,204.88 |
| 226    | 60-150-00 | Construction of average 30cm wide and 20cm deep "V" shaped drain, with 75mm thick brick lining, with 1st class bricks, set in cement pointing (1:3) (sand of FM>=1.3) and rounding corners with cement mortar (1:3) etc. complete including the cost of all materials as per direction of Engineer in charge.   | m    | 721.37          | 708.22   | 716.73   | 688.32   |
| 227    | 60-160-00 | Construction of average 30cm wide and 20cm deep wide "V" shaped drain with 75mm thick brick lining with 1st class bricks, set in sand (FM>=1.5) cement mortar (1:3), with 12mm thick sand (FM>=1.3) cement plaster (1:3), rounding corners etc. complete including the cost of all materials as per direction of Engineer in charge.  | m    | 694.93          | 685.22   | 691.35   | 664.60   |
| 228    | 60-220-00 | Cement Concrete lining of irrigation Canal bed and slope of different thickness with 20 mm down graded picked jhama/ 1st. class brick chips/ stone shingles and sand of FM >=1.5, including breaking, screening, grading and washing the chips with clean   | sqm  | -               | -        | -        | -        |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |        |        |
|--------|-----------|---|------|-----------------|----------|--------|--------|
|        |           |   |      | Zone A          | Zone B   | Zone C | Zone D |
|        |           | water, mixing laying in position, consolidation to levels curing with supply of all materials including the cost of shuttering and forms etc. including preparation of bed and slope by cutting/ filling as per requirement true to level, grade and camber, ramming the bed, slope etc. for proper compaction complete, as per direction of Engineer in charge.  |      |                 |          |        |        |
| 228(1) | 60-220-10 | In leanest mix. 1:2:4 with picked jhama/1st. class brick chips; 50mm thick.   | sqm  | 611.00          | 599.02   | 601.95 | 587.30 |
| 228(2) | 60-220-20 | In leanest mix. 1:2:4 with picked jhama/1st. class brick chips; 75mm thick.   | sqm  | 917.09          | 898.92   | 903.32 | 881.71 |
| 228(3) | 60-220-30 | In leanest mix. 1:3:6 with picked jhama/1st. class brick chips; 50mm thick.   | sqm  | 546.22          | 534.17   | 537.13 | 522.47 |
| 228(4) | 60-220-40 | In leanest mix. 1:3:6 with picked jhama/1st. class brick chips; 75mm thick.   | sqm  | 822.92          | 804.66   | 809.10 | 787.47 |
| 228(5) | 60-220-50 | In leanest mix. 1:2:4 with stone shingles; 50mm thick.  | sqm  | 694.52          | 723.80   | 641.59 | 633.89 |
| 228(6) | 60-220-60 | In leanest mix. 1:2:4 with stone shingles; 75mm thick.  | sqm  | 1,041.16        | 1,084.82 | 961.71 | 950.53 |
| 228(7) | 60-220-70 | In leanest mix. 1:3:6 with stone shingles; 50mm thick.  | sqm  | 641.18          | 672.07   | 586.26 | 578.54 |
| 228(8) | 60-220-80 | In leanest mix. 1:3:6 with stone shingles; 75mm thick.  | sqm  | 964.57          | 1,010.64 | 882.12 | 870.91 |
| 229    | 60-240-00 | Brick lining (75mm thick) in irrigation canal bed and side slope with 1:4 sand cement mortar including soaking bricks in clean water for 6 hours, cleaning the bricks, curing at least for 7 days with supply of all materials etc. complete as per design specification and direction of Engineer in charge.   | sqm  | -               | -        | -      | -      |
| 229(1) | 60-240-10 | With first class bricks.  | sqm  | 750.79          | 737.28   | 745.35 | 713.78 |
| 230    | 60-250-00 | Supplying and laying in position of different diameter of high Density Polyethylene (HDPE) pipe, having PE-100 (Hydrostatic Strength for PE-100 is 5.0 MPa & 12.4 Mpa at 80°C & 20°C respectively according to ISO 4427:2007(E)), PN-10 (nominal pressure for PN-10 is 1.0 MPa according to ISO 4427:2007(E) ) & SDR 26 having density 0.940 – 0.970 gm/cm <sup>3</sup> and other physical, chemical, thermal, fire resistivity properties etc. as per BSTI approved manufacturer | m    | -               | -        | -      | -      |

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**BWDB Standard Schedule of Rates-2022**

| SL. No  | Item Code | Description of Item  | Unit | Item Rate (Tk.) |           |           |           |
|---------|-----------|--|------|-----------------|-----------|-----------|-----------|
|         |           |  |      | Zone A          | Zone B    | Zone C    | Zone D    |
|         |           | standards or ASTM/BS/ISO/IS standards, preparation of alignment and laying in position including butt fusion joint where necessary, all necessary tools, cost of all materials and labours etc. complete as per approved design & drawing, technical specification and direction of Engineer in charge.  |      |                 |           |           |           |
| 230(1)  | 60-250-05 | Pipe, HDPE, 100 mm dia   | m    | 942.57          | 942.57    | 942.57    | 940.57    |
| 230(2)  | 60-250-10 | Pipe, HDPE, 150 mm dia   | m    | 1,714.14        | 1,714.14  | 1,714.14  | 1,710.69  |
| 230(3)  | 60-250-15 | Pipe, HDPE, 225 mm dia   | m    | 3,719.98        | 3,719.98  | 3,719.98  | 3,714.67  |
| 230(4)  | 60-250-20 | Pipe, HDPE, 300 mm dia   | m    | 6,710.51        | 6,710.51  | 6,710.51  | 6,703.32  |
| 230(5)  | 60-250-25 | Pipe, HDPE, 450 mm dia   | m    | 15,261.69       | 15,261.69 | 15,261.69 | 15,251.50 |
| 230(6)  | 60-250-30 | Pipe, HDPE, 500 mm dia   | m    | 18,758.55       | 18,758.55 | 18,758.55 | 18,746.64 |
| 230(7)  | 60-250-35 | Pipe, HDPE, 600 mm dia   | m    | 26,558.09       | 26,558.09 | 26,558.09 | 26,544.39 |
| 230(8)  | 60-250-40 | Pipe, HDPE, 750 mm dia   | m    | 40,161.71       | 40,161.71 | 40,161.71 | 40,141.36 |
| 230(9)  | 60-250-45 | Pipe, HDPE, 900 mm dia   | m    | 53,460.24       | 53,460.24 | 53,460.24 | 53,434.55 |
| 230(10) | 60-250-50 | Pipe, HDPE, 1050 mm dia  | m    | 70,202.17       | 70,202.17 | 70,202.17 | 70,170.18 |
| 230(11) | 60-250-55 | Pipe, HDPE, 1200 mm dia  | m    | 85,286.86       | 85,286.86 | 85,286.86 | 85,247.29 |
| 230(12) | 60-250-60 | Pipe, HDPE, 1350 mm dia  | m    | 99,593.46       | 99,593.46 | 99,593.46 | 99,543.36 |
| 231     | 60-260-00 | Manufacturing and Supplying Standard machine made RCC pipe of different diameter, length and thickness in construction of Drain/ Sluice/ Culvert/ Outlet and any other works in leanest mix. 1:1.5:3 with 12mm/20mm down graded stone chips, sand of FM>=2.0 and admixture (water reducing plasticiser) @ 1.5 litre per cubic meter of concrete to attain a minimum 28 days cylinder strength of 25 N/mm <sup>2</sup> including breaking, screening, grading and washing aggregates with clear water, mixing, laying in forms, consolidating, curing including the cost of 6mm dia M.S. work for reinforcement and form works as per approved drawing and specification including tools, plants, testing, stacking in measurable stack etc. complete as per direction of Engineer in charge. | m    | -               | -         | -         | -         |
| 231(1)  | 60-260-05 | RCC Pipe : 100mm dia, wall thickness not less than 25mm, circular reinforcement 100mm c/c and longitudinal reinforcement 75mm c/c.   | m    | 1,057.34        | 1,053.57  | 1,050.18  | 1,024.15  |

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**BWDB Standard Schedule of Rates-2022**

| SL. No  | Item Code | Description of Item  | Unit | Item Rate (Tk.) |           |           |           |
|---------|-----------|--|------|-----------------|-----------|-----------|-----------|
|         |           |  |      | Zone A          | Zone B    | Zone C    | Zone D    |
| 231(2)  | 60-260-10 | RCC Pipe : 150mm dia, wall thickness not less than 25mm, circular reinforcement 100mm c/c and longitudinal reinforcement 110mm c/c.  | m    | 1,126.43        | 1,122.74  | 1,118.02  | 1,091.28  |
| 231(3)  | 60-260-15 | RCC Pipe : 225mm dia, wall thickness not less than 30mm, circular reinforcement 100mm c/c and longitudinal reinforcement 135mm c/c.  | m    | 1,454.97        | 1,449.99  | 1,441.71  | 1,405.40  |
| 231(4)  | 60-260-20 | RCC Pipe : 300mm dia, wall thickness not less than 45mm, circular reinforcement 100mm c/c and longitudinal reinforcement 225mm c/c.  | m    | 1,822.00        | 1,817.49  | 1,800.59  | 1,759.67  |
| 231(5)  | 60-260-25 | RCC Pipe : 450mm dia, wall thickness not less than 50mm, circular reinforcement 100mm c/c and longitudinal reinforcement 225mm c/c.  | m    | 2,668.75        | 2,660.27  | 2,632.94  | 2,566.19  |
| 231(6)  | 60-260-30 | RCC Pipe : 500mm dia, wall thickness not less than 55mm, circular reinforcement 100mm c/c and longitudinal reinforcement 220mm c/c.  | m    | 2,994.32        | 2,986.37  | 2,951.53  | 2,880.85  |
| 231(7)  | 60-260-35 | RCC Pipe : 600mm dia, wall thickness not less than 60mm, circular reinforcement 95mm c/c and longitudinal reinforcement 210mm c/c.   | m    | 3,468.98        | 3,461.35  | 3,418.12  | 3,342.97  |
| 231(8)  | 60-260-40 | RCC Pipe : 750mm dia, wall thickness not less than 70mm, circular reinforcement 85mm c/c and longitudinal reinforcement 200mm c/c.   | m    | 4,511.49        | 4,504.40  | 4,441.70  | 4,353.13  |
| 231(9)  | 60-260-45 | RCC Pipe : 900mm dia, wall thickness not less than 90mm with circular reinforcement for inner case 90mm c/c, outer case 100mm c/c and longitudinal reinforcement 150mm c/c.  | m    | 7,908.44        | 7,942.58  | 7,701.09  | 7,521.20  |
| 231(10) | 60-260-50 | RCC Pipe : 1050mm dia, wall thickness not less than 95mm with circular reinforcement for inner case 80mm c/c, outer case 100mm c/c and longitudinal reinforcement 140mm c/c. | m    | 9,293.18        | 9,338.04  | 9,043.11  | 8,840.23  |
| 231(11) | 60-260-55 | RCC Pipe : 1200mm dia, wall thickness not less than 100mm with circular reinforcement for inner case 60mm c/c, outer case 100mm c/c and                                      | m    | 11,198.79       | 11,255.20 | 10,902.72 | 10,671.73 |

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**BWDB Standard Schedule of Rates-2022**

| SL. No  | Item Code | Description of Item   | Unit | Item Rate (Tk.) |           |           |           |
|---------|-----------|---|------|-----------------|-----------|-----------|-----------|
|         |           |   |      | Zone A          | Zone B    | Zone C    | Zone D    |
|         |           | longitudinal reinforcement 130mm c/c.   |      |                 |           |           |           |
| 231(12) | 60-260-60 | RCC Pipe : 1350mm dia, wall thickness not less than 115mm with circular reinforcement for inner case 50mm c/c, outer case 90mm c/c and longitudinal reinforcement 125mm c/c.  | m    | 13,749.10       | 13,826.45 | 13,369.56 | 13,093.63 |
| 232     | 60-280-00 | Manufacturing and supplying standard machine made RCC Socket of different diameter, 125mm length and 50mm wall thickness in construction on Drain/ Sluice/ Culvert/ outlet and any other works in leanest mix. 1:1.5:3 with 12mm down graded stone chips, sand of FM>=2.0 and admixture (water reducing plasticiser) @ 1.5 liters per cubic meter of concrete to attain a minimum 28 days cylinder strength of 25.0 N/mm <sup>2</sup> including screening, grading and washing aggregates with clear water, mixing, laying in forms, consolidating, curing including the cost of formwork, 3 Nos circular reinforcement and 5 Nos longitudinal reinforcement of 6mm dia M.S. rod equally spaced as per approved drawing and specification including tools, plants, testing, stacking in measurable stack at etc. complete as per direction of Engineer in charge. | each | -               | -         | -         | -         |
| 232(1)  | 60-280-05 | RCC Socket : 170mm dia.   | each | 596.77          | 595.19    | 593.70    | 580.75    |
| 232(2)  | 60-280-10 | RCC Socket : 220mm dia.   | each | 619.00          | 617.44    | 615.62    | 602.50    |
| 232(3)  | 60-280-15 | RCC Socket : 305mm dia.   | each | 657.75          | 656.22    | 653.82    | 640.39    |
| 233     | 60-300-00 | Laying in position standard machine made R.C.C. pipe of different diameter in construction of drain/ sluice/ culvert/ outlet and any other work including fitting, fixing the socket where necessary, local handling, cutting, dressing, levelling, plumbing etc. complete as per design, specification and direction of Engineer in charge.  | m    | -               | -         | -         | -         |
| 233(1)  | 60-300-05 | 100mm dia.  | m    | 77.29           | 76.78     | 76.83     | 72.86     |
| 233(2)  | 60-300-10 | 150mm dia.  | m    | 80.87           | 80.34     | 80.39     | 76.29     |
| 233(3)  | 60-300-15 | 225mm dia.  | m    | 81.62           | 81.08     | 81.14     | 77.03     |

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**BWDB Standard Schedule of Rates-2022**

| Sl. No                   | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|--------------------------|-----------|---|------|-----------------|----------|----------|----------|
|                          |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
| 233(4)                   | 60-300-20 | 300mm dia.  | m    | 84.08           | 83.58    | 83.58    | 78.75    |
| 233(5)                   | 60-300-25 | 450mm dia.  | m    | 88.47           | 87.95    | 87.95    | 82.87    |
| 233(6)                   | 60-300-30 | 500mm dia.  | m    | 93.21           | 92.66    | 92.66    | 87.31    |
| 233(7)                   | 60-300-35 | 600mm dia.  | m    | 98.14           | 97.56    | 97.56    | 91.92    |
| 233(8)                   | 60-300-40 | 750mm dia.  | m    | 122.63          | 121.91   | 121.91   | 114.86   |
| 233(9)                   | 60-300-45 | 900mm dia.  | m    | 147.27          | 146.40   | 146.40   | 137.94   |
| 233(10)                  | 60-300-50 | 1050mm dia.   | m    | 174.73          | 173.69   | 173.69   | 163.67   |
| 233(11)                  | 60-300-55 | 1200mm dia.   | m    | 199.64          | 198.45   | 198.45   | 187.01   |
| 233(12)                  | 60-300-60 | 1350mm dia.   | m    | 224.56          | 223.22   | 223.22   | 210.34   |
| 234                      | 60-330-00 | Manufacturing, supplying and laying in position 25mm thick pre-cast ferrocement sheet in lining of irrigation canal bed and slope in leanest mix 1:2 (cement:sand) with sand of FM>=2.00 to attain a minimum 28 days cylinder strength of 18.0 N/mm <sup>2</sup> including screening, grading and washing aggregates with clear water, mixing, laying in forms, consolidating, curing, testing, placing wire mesh (20mm mesh,18 BWG wire, 2 layers) in position as per approved design and drawing including tools, plants, preparation of platforms, shuttering (timber shutter) and staking in measurable stacks including cost of all materials and labours for preparation of bed and slope of canal and placing in position including joining with the adjacent sheet etc complete as per direction of Engineer in charge. | sqm  | 1,731.40        | 1,710.67 | 1,709.16 | 1,679.64 |
| <b>72. Painting Work</b> |           |   |      |                 |          |          |          |
| 235                      | 72-110-00 | Painting gauges with black, white and red water proof paint including printing letters and necessary cleaning and sand papering before printing etc. complete as per direction of Engineer in charge.   | m    | 65.39           | 65.13    | 65.13    | 62.65    |
| 236                      | 72-130-00 | Synthetic enamel painting to steel surfaces/ gates/ hoists etc. with paint of approved colour (2 coats over a coat of priming) including preparation of the surface with steel brush, emery paper and cleaning etc. complete including the cost of all materials as per direction of Engineer in charge.  | sqm  | -               | -        | -        | -        |
| 236(1)                   | 72-130-10 | 2 coats over a priming coat.  | sqm  | 260.35          | 259.30   | 259.30   | 248.50   |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item

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## BWDB Standard Schedule of Rates-2022

| SL. No                                | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|---------------------------------------|-----------|---|------|-----------------|----------|----------|----------|
|                                       |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
| 236(2)                                | 72-130-20 | 2 coats over old surface.   | sqm  | 249.66          | 248.37   | 248.37   | 237.08   |
| 237                                   | 72-180-00 | Provide 1 (one) coat of Zinc phosphate as primary coat and 2 (two) coat of coaltar epoxy coat over primary coat to steel surface with paint of approved colour etc. complete including the cost of all materials as per direction of Engineer in charge.  | sqm  | 292.74          | 291.51   | 291.51   | 280.47   |
| 238                                   | 72-250-00 | Snowcem painting of approved quality and colour, to out side wall, including cleaning and sand papering the surface, necessary scaffolding including curing for at least 7 days etc. complete, in all respect, including the cost of all materials as per direction of Engineer in charge.  | sqm  | -               | -        | -        | -        |
| 238(1)                                | 72-250-10 | 2 coats over a priming coat.  | sqm  | 99.24           | 96.90    | 96.31    | 93.35    |
| 238(2)                                | 72-250-20 | 2 coats over old surface.   | sqm  | 91.23           | 89.10    | 88.57    | 85.87    |
| 239                                   | 72-540-00 | Epoxy paint 2 coats of approved colour and specification over a priming coat to gate, hoisting device and embedded metal parts including scraping out rust and old paint with chisel, scraper, steel wire brush & emery paper etc. complete in all respect including the cost of all materials as per direction of Engineer in charge.  | sqm  | 510.55          | 510.15   | 510.15   | 497.79   |
| 240                                   | 72-550-00 | Greasing different types of gear box of hoisting system with best quality grease including deassemble of the gear box, cleaning old grease, removing sticky materials by scraper, chisel, steel wire brush, emery cloth, diesel/kerosine and assembling the same in original level, line, grade etc. complete including the cost of all materials as per direction of Engineer in charge. | each | 2,069.97        | 2,069.97 | 2,069.97 | 1,994.51 |
| <b>76. M.S. Work &amp; Metal Work</b> |           |   |      |                 |          |          |          |
| 241                                   | 76-170-00 | M.S. Work in plates, angles, channels, flat bars, Tees etc. including fabricating, machining, cutting, bending, welding, forging, drilling, revetting, embedding anchor bars, staging and fitting, fixing, local handling etc. complete with energy consumption and supply of labours including the cost of materials as per  | kg   | 168.65          | 168.65   | 168.65   | 166.38   |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |            |            |            |
|--------|-----------|--|------|-----------------|------------|------------|------------|
|        |           |  |      | Zone A          | Zone B     | Zone C     | Zone D     |
|        |           | design, specification and direction of Engineer in charge.   |      |                 |            |            |            |
| 242    | 76-180-00 | Cleaning corrosion and rust from the surface of steel with power brush etc. Complete including the cost of all materials as per direction of Engineer in charge.   | sqm  | 89.07           | 88.77      | 88.77      | 86.95      |
| 243    | 76-185-00 | Cleaning corrosion, rust and old paint from the surface of steel with sand blasting with coarse sand (FM>=3) etc. Complete including the cost of all materials as per direction of Engineer in charge.   | sqm  | 265.35          | 262.64     | 263.51     | 260.32     |
| 244    | 76-190-00 | Manufacturing, supplying and Installation of Pedestal type lifting device for slide gate with 63mm dia threaded steel shaft, 146mm outer dia bronze nut, thrust bearing, steel bevel gear etc. as per approved design including supply of all components, labours with a prime coat of redoxide where necessary etc. complete including the cost of all materials as per specification and direction of Engineer in charge.                                      | each | 110,036.33      | 109,888.43 | 109,888.43 | 108,893.90 |
| 245    | 76-200-00 | Manufacturing, supplying and Installation of Hand Wheel type lifting device for slide gate with 63mm dia steel shaft, 108mm outer dia bronze nut taper roller bearing SKF-50216 etc. as per approved design including supply of all components, labours with a prime coat of redoxide where necessary etc. complete including the cost of all materials as per specification and direction of Engineer in charge.  | each | 60,213.88       | 60,102.79  | 60,102.79  | 59,408.89  |
| 246    | 76-230-00 | Manufacturing, supplying, installation and fitting, fixing the vertical steel lift gate/ flap gate as per design and specification, including fabricating, rivetting, welding, fixing rubber seal, providing required nuts and bolts including the cost of all materials etc. complete with a prime coat of redoxide where necessary as per direction of Engineer in charge. (Applicable only for size not specified and smaller than size mentioned in the SoR) | kg   | 331.69          | 331.66     | 331.66     | 327.45     |
| 247    | 76-240-00 | Manufacturing & Supplying of M.S. Vertical Lift Gate shutter having 8mm  | each | -               | -          | -          | -          |

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*K. At. Oba & Co. Ltd. - 26/01/2023*

BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |           |           |           |
|--------|-----------|--|------|-----------------|-----------|-----------|-----------|
|        |           |  |      | Zone A          | Zone B    | Zone C    | Zone D    |
|        |           | thick M.S. skin plate and stiffener with minimum 75mm x 75mm x 9mm M.S. angle (Top & Bottom beam, Horizontal main beam and End vertical beam) as frame, $\phi$ 28mm x 53mm x 15mm P-type top & side rubber seal fixed with $\phi$ 10mm x 55mm S.S. counter shank bolts with nuts and 25mm x 6mm S.S. strip as clamp drilled spaces @ 150mm c/c, U-type or Flat bottom rubber seal, threaded stem attachment with bottom socket, nut-bolts, cotter pin and washer as per approved design including the cost of all materials of proper grade & brand new with a prime coat of red-oxide and three final coat of coaltar epoxy paint (marine quality) where necessary as per specification and direction of Engineer in charge.  |      |                 |           |           |           |
| 247(1) | 76-240-10 | Size 1.05m x 0.975m (Vent 0.9m x 0.9m)   | each | 61,394.26       | 61,392.28 | 61,392.28 | 60,825.95 |
| 247(2) | 76-240-20 | Size 1.05m x 1.275m (Vent 0.9m x 1.2m)   | each | 77,260.23       | 77,258.25 | 77,258.25 | 76,642.84 |
| 248    | 76-242-00 | Manufacturing & Supplying of M.S. Vertical Lift Gate shutter having 10mm thick M.S. skin plate and stiffener with minimum 75mm x 75mm x 9mm M.S. angle (Top & Bottom beam, Horizontal main beam and End vertical beam) as frame, $\phi$ 28mm x 53mm x 15mm P-type top & side rubber seal fixed with $\phi$ 10mm x 55mm S.S. counter shank bolts with nuts and 25mm x 6mm S.S. strip as clamp drilled spaces @ 150mm c/c, U-type or Flat bottom rubber seal, threaded stem attachment with bottom socket, nut-bolts, cotter pin and washer as per approved design including the cost of all materials of proper grade & brand new with a prime coat of red-oxide and three final coat of coaltar epoxy paint (marine quality) where necessary as per specification and direction of Engineer in charge. | each | -               | -         | -         | -         |
| 248(1) | 76-242-10 | Size 1.05m x 0.975m (Vent 0.9m x 0.9m)   | each | 62,055.63       | 62,053.65 | 62,053.65 | 61,487.31 |
| 248(2) | 76-242-20 | Size 1.05m x 1.275m (Vent 0.9m x 1.2m)   | each | 69,024.00       | 69,022.01 | 69,022.01 | 68,455.68 |
| 248(3) | 76-242-30 | Size 1.15m x 1.275m (Vent 1.0m x 1.2m)   | each | 90,658.82       | 90,655.75 | 90,655.75 | 89,888.24 |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

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A. K. Ravi  
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T. S. Venkateswaran*

**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |            |            |            |
|--------|-----------|--|------|-----------------|------------|------------|------------|
|        |           |  |      | Zone A          | Zone B     | Zone C     | Zone D     |
| 248(4) | 76-242-40 | Size 1.35m x 1.575m (Vent 1.2m x 1.5m)   | each | 94,280.16       | 94,277.09  | 94,277.09  | 93,509.58  |
| 248(5) | 76-242-50 | Size 1.65m x 1.875m (Vent 1.5m x 1.8m)   | each | 125,533.80      | 125,530.73 | 125,530.73 | 124,639.91 |
| 249    | 76-250-00 | Manufacturing & Supplying of M.S. Flap Gate shutter of 8mm thick M.S. skin plate and stiffener with minimum 75mm x 75mm x 9mm M.S. angle as frame, horizontal & vertical beam, $\phi$ 28mm x 53mm x 15mm P-type rubber seal, fixed with $\phi$ 10mm x 55mm S.S. counter shank bolts with nuts and 25mm x 6mm S.S. strip as clamp drilled spaces @ 150mm c/c, hinge assy with gate and wall bracket, link arm of 16mm thick M.S. plate, 4 nos $\phi$ 35mm S.S. hinge pin with proper thread, nut-bolts, cotter pin and washer as per approved design including the cost of all materials of proper grade & brand new with a prime coat of red-oxide and three final coat of coaltar epoxy paint (marine quality) where necessary as per specification and direction of Engineer in charge.            | each | -               | -          | -          | -          |
| 249(1) | 76-250-10 | Size 1.05m x 1.05m (Vent 0.9m x 0.9m)  | each | 74,009.33       | 74,007.35  | 74,007.35  | 73,441.01  |
| 249(2) | 76-250-20 | Size 1.05m x 1.35m (Vent 0.9m x 1.2m)  | each | 90,491.26       | 90,489.28  | 90,489.28  | 89,873.87  |
| 250    | 76-252-00 | Manufacturing & Supplying of M.S. Flap Gate shutter of 10mm thick M.S. skin plate and stiffener with minimum 75mm x 75mm x 9mm M.S. angle as frame, horizontal & vertical beam, $\phi$ 28mm x 53mm x 15mm P-type rubber seal, fixed with $\phi$ 10mm x 55mm S.S. counter shank bolts with nuts and 25mm x 6mm S.S. strip as clamp drilled spaces @ 150mm c/c, hinge assy with gate and wall bracket, link arm of (16-20)mm thick M.S. plate, 4 nos $\phi$ (35-50)mm S.S. hinge pin with proper thread, nut-bolts, cotter pin and washer as per approved design including the cost of all materials of proper grade & brand new with a prime coat of red-oxide and three final coat of coaltar epoxy paint (marine quality) where necessary as per specification and direction of Engineer in charge. | each | -               | -          | -          | -          |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

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## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |            |            |            |
|--------|-----------|--|------|-----------------|------------|------------|------------|
|        |           |  |      | Zone A          | Zone B     | Zone C     | Zone D     |
| 250(1) | 76-252-10 | Size 1.05m x 1.05m (Vent 0.9m x 0.9m)  | each | 75,048.62       | 75,046.64  | 75,046.64  | 74,480.30  |
| 250(2) | 76-252-20 | Size 1.05m x 1.35m (Vent 0.9m x 1.2m)  | each | 90,352.18       | 90,350.20  | 90,350.20  | 89,783.86  |
| 250(3) | 76-252-30 | Size 1.15m x 1.35m (Vent 1.0m x 1.2m)  | each | 103,407.63      | 103,404.56 | 103,404.56 | 102,637.05 |
| 250(4) | 76-252-40 | Size 1.35m x 1.65m (Vent 1.2m x 1.5m)  | each | 106,293.98      | 106,290.91 | 106,290.91 | 105,523.41 |
| 250(5) | 76-252-50 | Size 1.65m x 1.95m (Vent 1.5m x 1.8m)  | each | 134,284.96      | 134,281.89 | 134,281.89 | 133,391.07 |
| 251    | 76-260-00 | Labour charge for fitting and fixing of M.S. vertical lift gate/ flap gate shutters of different size including making holes in concrete for hooking arrangements with supply of necessary materials, tools and other accessories required for fitting the same to regulator/sludge and mending the damages with CC (1:2:4), removing the spoils etc. complete including the cost of all materials as per direction of Engineer in charge. | each | -               | -          | -          | -          |
| 251(1) | 76-260-10 | Size 1.00m x 1.00m or 1.35m x 1.35m.   | each | 12,746.36       | 12,617.52  | 12,617.52  | 12,372.11  |
| 251(2) | 76-260-20 | Size 1.95m x 1.35m or 1.95m x 1.65m.   | each | 14,849.48       | 14,677.70  | 14,677.70  | 14,407.75  |
| 252    | 76-270-00 | Labour charge for removal of M.S.Gates and Hoists from all types of structures with all leads and lifts including hire charge of boat, chain pulley, bamboo, ropes etc. and refixing the same in original level, line and grade after painting (excluding the cost of painting) as per direction of Engineer in charge.  | each | -               | -          | -          | -          |
| 252(1) | 76-270-10 | Large size: 1.95 m x 1.65 m or 1.95 m x 1.35 m   | each | 2,774.94        | 2,746.71   | 2,746.71   | 2,658.37   |
| 252(2) | 76-270-20 | Small size: 1.35 m x 1.35 m or 1.00 m x 1.00 m   | each | 2,319.42        | 2,292.92   | 2,292.92   | 2,222.12   |
| 253    | 76-280-00 | Manufacturing, supplying and installation of M.S.Embedded parts for flap/ vertical lift gate including fabricating, bending, welding, forging, drilling holes, welding anchor bars, fitting, fixing etc. complete including the cost of materials with a prime coat of red oxide where necessary as per design, specification and direction of Engineer in charge.   | kg   | 193.61          | 193.61     | 193.61     | 190.30     |
| 254    | 76-290-00 | Manufacturing, supplying and fitting, fixing of M.S. gratings with 25mmx25mmx6mm M.S. angle frame and 25mmx6mm F.I. bar @ 50mm c/c, lateral stiffener not more than 600mm  | sqm  | 5,270.42        | 5,265.66   | 5,265.66   | 5,201.55   |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SOR (Schedule of Rates) for every Item.

must be followed as part of the SOR (Schedule of Rates) for every item.

## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|---|------|-----------------|----------|----------|----------|
|        |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | apart and embedded frame with M.S. angle (25mmx25mmx6mm), including fabrication, welding in accordance with approved design, drawing, specification, etc. complete including the cost of all materials with a prime coat of redoxide where necessary as per direction of Engineer in charge.  |      |                 |          |          |          |
| 255    | 76-300-00 | M.S. railing of 0.91m height with 25mmx6mm vertical flat bar, at the rate of 100mm c/c, welded to 25mmx6.00mm flat bar at top and bottom with wooden hand rail (100mmx70mm, finished), including fitting and fixing in position with necessary clamps with a prime coat of redoxide where necessary including making holes in walls or floors where necessary and duly embedded in concrete (1:3:6), mending the damages etc. complete as per approved drawing and direction of Engineer in charge: | sqm  | -               | -        | -        | -        |
| 255(1) | 76-300-10 | With hand rail of Chittagong Teak wood  | sqm  | 3,976.38        | 3,939.13 | 3,939.13 | 3,999.89 |
| 255(2) | 76-300-20 | With hand rail of Chittagong silkarai wood or equivalent.   | sqm  | 3,469.11        | 3,464.94 | 3,464.94 | 3,426.54 |
| 256    | 76-310-00 | 0.910m high M.S. railing with 25mmx6mm vertical F.I. bar, at the rate of 100mm c/c, welded to 25mmx6mm F.I. bar at top and bottom with 40mm dia G.I. pipe hand rail, including fitting and fixing in position with necessary clamps with a prime coat of redoxide where necessary including making holes in walls or floors where necessary and duly embedded in concrete (1:3:6) mending good the damages etc. complete as per drawing and direction of Engineer in charge.                        | sqm  | 2,905.50        | 2,903.00 | 2,903.00 | 2,880.59 |
| 257    | 76-320-00 | Supplying and fitting fixing M.S.Grill made of 10mm dia M.S.bar @100mm c/c both ways fitted with M.S.Angles (25mmx25mmx6mm) outer frame including fabricating, welding in each point with a prime coat of redoxide where necessary as per drawing, design etc. complete, as per direction of Engineer in charge.  | sqm  | 2,878.06        | 2,875.57 | 2,875.57 | 2,839.39 |
| 258    | 76-500-00 | Supplying, fitting and fixing lead sheet of any size in bearing (hinge or free),  | kg   | 981.62          | 975.49   | 975.49   | 929.47   |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|---|------|-----------------|----------|----------|----------|
|        |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | including cutting to desired shape and placing between top and bottom plate etc. complete as per direction of Engineer in charge.   |      |                 |          |          |          |
| 259    | 76-510-00 | Supplying, fitting and fixing of M.S. bearing plate (hinge or free) of desired size including cutting to size, fabrication, welding of M.S. lug and M.S. anchor bar around periphery, providing hinge bar, and fixing in abutments/girders/bases etc. complete with supply of all materials as per drawing, specification and direction of Engineer in charge (excluding cost of M.S. bar). | kg   | 403.57          | 403.38   | 403.38   | 402.08   |
| 260    | 76-520-00 | Cutting M.S. plate/sheet pile with Oxy-acetylene flame to desired shape and size and as per direction of Engineer in charge.  | m    | -               | -        | -        | -        |
| 260(1) | 76-520-10 | 3mm thick plate.  | m    | 31.55           | 31.36    | 31.36    | 29.67    |
| 260(2) | 76-520-20 | 6mm thick plate.  | m    | 43.49           | 43.25    | 43.25    | 41.22    |
| 260(3) | 76-520-30 | 9mm thick plate.  | m    | 49.01           | 48.75    | 48.75    | 46.49    |
| 260(4) | 76-520-40 | 12mm thick plate.   | m    | 59.67           | 59.35    | 59.35    | 56.53    |
| 260(5) | 76-520-50 | 15mm thick plate.   | m    | 85.11           | 84.60    | 84.60    | 80.08    |
| 260(6) | 76-520-60 | 18mm thick plate.   | m    | 103.03          | 102.39   | 102.39   | 96.74    |
| 260(7) | 76-520-70 | 20mm thick plate.   | m    | 111.16          | 110.46   | 110.46   | 104.56   |
| 260(8) | 76-520-80 | 25mm thick plate.   | m    | 127.51          | 126.73   | 126.73   | 119.96   |
| 261    | 76-610-00 | Removal of old rubber seal and supplying, fitting, fixing new P-type rubber seal in vertical lift gate/flap gate including making necessary holes, replacing all damaged nuts & bolts and clamp bars etc. complete including the cost of all materials as per direction of Engineer in charge.  | m    | -               | -        | -        | -        |
| 261(1) | 76-610-10 | Size : Width = 75mm, Thickness = 12mm and Bulb dia = 25mm.  | m    | 1,577.96        | 1,571.82 | 1,571.82 | 1,516.61 |
| 261(2) | 76-610-20 | Size : Width = 100mm, Thickness = 16mm and Bulb dia = 45mm.   | m    | 1,634.40        | 1,628.26 | 1,628.26 | 1,573.05 |
| 262    | 76-630-00 | Supply and fitting and fixing 23cm wide P.V.C water stops having minimum strength of 13.80 N/mm <sup>2</sup> at 225% elongation and of approved quality in contraction and expansion joints with necessary arrangements for modification in shuttering and keeping the water stop in position etc. complete as per design, specification and direction of Engineer in charge.               | m    | -               | -        | -        | -        |

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit | Item Rate (Tk.) |          |          |          |
|--------|-----------|---|------|-----------------|----------|----------|----------|
|        |           |   |      | Zone A          | Zone B   | Zone C   | Zone D   |
| 262(1) | 76-630-10 | 3 bulb type.  | m    | 819.81          | 819.04   | 819.04   | 812.14   |
| 262(2) | 76-630-20 | Corrugated type.  | m    | 819.81          | 819.04   | 819.04   | 812.14   |
| 263    | 76-640-00 | Labour charge for fitting and fixing 23cm wide P.V.C water stops, in the contraction and expansion joints of hydraulic structures, with necessary modification of formworks, as per design, specification and direction of Engineer in charge.  | m    | -               | -        | -        | -        |
| 263(1) | 76-640-10 | 3 bulb type.  | m    | 96.01           | 95.25    | 95.25    | 88.33    |
| 263(2) | 76-640-20 | Corrugated type.  | m    | 96.01           | 95.25    | 95.25    | 88.33    |
| 264    | 76-780-00 | supplying and fitting, fixing dowel bar in expansion joints of hydraulic structures with 32 mm dia M.S.plain bar 2000 mm long, hooked in one end and painted at the other end for a length of 900 mm with 40 mm dia 100 mm long G.I./M.S. pipe closed at one end and filled with 30 mm thick compressible filler, including placing in position, binding with G.I. Wire etc. complete as per direction of Engineer in charge. | each | 3,231.99        | 3,207.45 | 3,207.45 | 3,084.75 |

**90. Dredging Work**

|     |           |   |     |   |   |   |   |
|-----|-----------|---|-----|---|---|---|---|
| 265 | 90-100-00 | <b>For Contractor Dredger:</b><br>Dredging work by operating dredger of different diameter with necessary arrangement by Tug boat/Work boat disposing dredged earth up to 1.5 km, positioning the cutter of dredger at designed level by maintaining bathymetric pre work and post work survey; constructing, dismantling and shifting from one line to another line of temporary/permanent Shore pipe line at ground level laying on the ground or on 50 kg gunny bag where necessary or on staging made by bullah of local wood (100 mm dia), lifting manually/by tripod stand with chain pulley, fitting/fixing shore pipe with nut-bolt & rubber gasket, levelling & dressing uneven ground below the shore pipe where necessary; lifting shore pipe sunk into the mud below the ground level using tripod stand & chain hoist and cleaning with water, including the cost of mobilization and demobilization of dredger with houseboat by Tug boat/Work boat, fitting/fixing & | cum | - | - | - | - |
|-----|-----------|---|-----|---|---|---|---|

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item   | Unit    | Item Rate (Tk.) |        |        |        |
|--------|-----------|---|---------|-----------------|--------|--------|--------|
|        |           |   |         | Zone A          | Zone B | Zone C | Zone D |
|        |           | maintenance of all necessary equipment, supplying of necessary fuels & lubricants, shore pipes & floating pipes, ancillary dredging materials and charges etc. complete as per direction of engineer in charge.   |         |                 |        |        |        |
| 265(1) | 90-100-10 | Dredging work by 26" dredger.   | cum     | 163.67          | 163.57 | 163.57 | 163.16 |
| 265(2) | 90-100-20 | Dredging work by 20" dredger.   | cum     | 192.85          | 192.74 | 192.74 | 192.32 |
| 265(3) | 90-100-30 | Dredging work by 18" dredger.   | cum     | 198.01          | 197.88 | 197.87 | 197.41 |
| 265(4) | 90-100-50 | Dredging work by 12" dredger  | cum     | 194.36          | 194.26 | 194.25 | 193.82 |
| 266    | 90-150-00 | <b>For Contractor Dredger:</b><br>Extra Rate for booster pump beyond 1.5 km including mobilization & installation of booster station, constructing, dismantling and shifting, from one line to another line, of temporary/permanent Shore pipe line at ground level laying on the ground or on 50 kg gunny bag where necessary or on staging made by bullah of local wood (100 mm dia), lifting manually/by tripod stand with chain pulley, fitting/fixing shore pipe with nut-bolt & rubber gasket, levelling & dressing uneven ground below the shore pipe where necessary; lifting shore pipe sunk into the mud below the ground level using tripod stand & chain hoist and cleaning with water, cost of fitting/fixing & maintenance of all necessary equipment, supplying of necessary fuels & lubricants, shore pipes & floating pipes, ancillary materials and charges etc. complete as per direction of engineer in charge. | cum/k m | -               | -      | -      | -      |
| 266(1) | 90-150-10 | Extra Rate for booster pump beyond 1.5 km: 26" Dredger.   | cum/k m | 33.32           | 33.25  | 33.25  | 32.92  |
| 266(2) | 90-150-20 | Extra Rate for booster pump beyond 1.5 km: 20" Dredger.   | cum/k m | 30.71           | 30.63  | 30.64  | 30.38  |
| 266(3) | 90-150-30 | Extra Rate for booster pump beyond 1.5 km: 18" Dredger.   | cum/k m | 33.79           | 33.71  | 33.71  | 33.50  |
| 267    | 90-700-00 | <b>For BWDB Dredger:</b><br>Basic dredging by operating dredger with necessary arrangement by Tug boat/Work boat disposing dredged earth upto 1.5 km, positioning the cutter of dredger at designed level by maintaining bathymetric prework and post work survey including   | cum     | -               | -      | -      | -      |

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## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item   | Unit  | Item Rate (Tk.) |          |          |          |
|--------|-----------|---|-------|-----------------|----------|----------|----------|
|        |           |   |       | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | fitting/fixing & maintenance of all necessary equipments, Supplying of necessary fuels & lubricants, shore pipes & floating pipes, ancillary dredging materials etc. complete as per direction of engineer in charge.   |       |                 |          |          |          |
| 267(1) | 90-700-10 | Basic Dredging work by 26" dredger.   | cum   | 48.37           | 48.37    | 48.37    | 48.37    |
| 267(2) | 90-700-20 | Basic Dredging work by 20" dredger.   | cum   | 55.38           | 55.38    | 55.38    | 55.38    |
| 267(3) | 90-700-30 | Basic Dredging work by 18" dredger.   | cum   | 61.22           | 61.22    | 61.22    | 61.22    |
| 268    | 90-710-00 | <b>For BWDB Dredger:</b><br>Mobilization/Demobilization of Dredger, House boat and Workboat by Tugboat of necessary capacity including cost of all necessary fuel, lubricants etc. complete as per direction of engineer in charge.   | km    | -               | -        | -        | -        |
| 268(1) | 90-710-10 | For 26" dredger   | km    | 4,686.17        | 4,686.17 | 4,686.17 | 4,686.17 |
| 268(2) | 90-710-20 | For 20" dredger   | km    | 4,137.21        | 4,137.21 | 4,137.21 | 4,137.21 |
| 268(3) | 90-710-30 | For 18" dredger   | km    | 2,499.38        | 2,499.38 | 2,499.38 | 2,499.38 |
| 269    | 90-715-00 | <b>For BWDB Dredger:</b><br>Mobilization/Demobilization of Floating pipe by Tugboat of necessary capacity including loading/unloading and the cost of all necessary fuel, lubricants etc. complete as per direction of engineer in charge.  | pkm/m | -               | -        | -        | -        |
| 269(1) | 90-715-10 | Floating pipe for 26" dredger   | pkm/m | 6.36            | 6.36     | 6.36     | 6.36     |
| 269(2) | 90-715-20 | Floating pipe for 20" dredger   | pkm/m | 4.24            | 4.24     | 4.24     | 4.24     |
| 269(3) | 90-715-30 | Floating pipe for 18" dredger   | pkm/m | 4.03            | 4.03     | 4.03     | 4.03     |
| 270    | 90-720-00 | <b>For BWDB Dredger:</b><br>Mobilization/Demobilization of Shore Pipes by Engine boat (40 ton capacity)/ Truck (5 ton capacity) including the cost of all necessary fuel, lubricants excluding cost of loading/unloading and stacking etc. complete as per direction of engineer in charge. | pkm/m | -               | -        | -        | -        |
| 270(1) | 90-720-05 | By Engine boat: 26" shore pipe  | pkm/m | 3.61            | 3.61     | 3.61     | 3.60     |
| 270(2) | 90-720-10 | By Engine boat: 20" shore pipe  | pkm/m | 3.03            | 3.03     | 3.03     | 3.02     |
| 270(3) | 90-720-15 | By Engine boat: 18" shore pipe  | pkm/m | 2.71            | 2.71     | 2.71     | 2.69     |
| 270(4) | 90-720-50 | By Truck: 26" shore pipe  | pkm/m | 5.24            | 5.24     | 5.24     | 5.23     |
| 270(5) | 90-720-55 | By Truck: 20" shore pipe  | pkm/m | 3.93            | 3.93     | 3.93     | 3.92     |
| 270(6) | 90-720-60 | By Truck: 18" shore pipe  | pkm/m | 3.14            | 3.14     | 3.14     | 3.14     |
| 271    | 90-722-00 | <b>For BWDB Dredger:</b><br>Loading/unloading and stacking of shore pipe including cost of all  | m     | -               | -        | -        | -        |

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must be followed as part of the SoR (Schedule of Rates) for every Item.

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**BWDB Standard Schedule of Rates-2022**

| SL. No | Item Code | Description of Item  | Unit        | Item Rate (Tk.) |          |          |          |
|--------|-----------|--|-------------|-----------------|----------|----------|----------|
|        |           |  |             | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | necessary accessories etc. complete as per direction of engineer in charge.  |             |                 |          |          |          |
| 271(1) | 90-722-05 | For 26" shore pipe   | m           | 227.07          | 227.07   | 227.07   | 226.25   |
| 271(2) | 90-722-10 | For 20" shore pipe   | m           | 160.28          | 160.28   | 160.28   | 159.70   |
| 271(3) | 90-722-15 | For 18" shore pipe   | m           | 136.24          | 136.24   | 136.24   | 135.75   |
| 272    | 90-725-00 | <b>For BWDB Dredger:</b><br>Mobilization/Demobilization of materials for Dredging work i.e. Bend Pipe, Short Pipe, Lubricant, Dredger preparing material by engine boat (40 ton capacity)/ Truck (5 ton capacity) including loading/unloading and the cost of all necessary fuel, lubricants etc. complete as per direction of engineer in charge. | trip/km     | -               | -        | -        | -        |
| 272(1) | 90-725-10 | By Engine boat   | trip/km     | 420.59          | 419.77   | 419.77   | 414.96   |
| 272(2) | 90-725-20 | By Truck   | trip/km     | 277.70          | 276.89   | 276.89   | 273.31   |
| 273    | 90-730-00 | <b>For BWDB Dredger:</b><br>Mobilization (round trip)of Fuel i.e Diesel, Lubricants and other necessary lub oils by engine boat (40 ton capacity)/ Truck (5 ton capacity) including loading/unloading and the cost of all necessary fuel, lubricants etc. complete as per direction of engineer in charge.   | 1000 ltr/km | -               | -        | -        | -        |
| 273(1) | 90-730-10 | By Engine boat   | 1000 ltr/km | 41.02           | 41.02    | 41.02    | 40.89    |
| 273(2) | 90-730-20 | By Truck   | 1000 ltr/km | 50.42           | 50.42    | 50.42    | 50.21    |
| 274    | 90-735-00 | <b>For BWDB Dredger:</b><br>Supply of Engine boat for carrying goods or people around the work site for a period of 8 hours (one shift) including the operator and cost of all fuel, lubricants etc. complete as per direction of engineer in charge.  | shift       | 3,687.22        | 3,687.22 | 3,687.22 | 3,625.86 |
| 275    | 90-740-00 | <b>For BWDB Dredger:</b><br>Supply of security labour for guarding the dredger along with related all equipments providing at least 2 security labour per shift(8 hours) at the dredger fleet and at least 2 shift daily on the other hand at the pipe line area 1 security labour during day time shift and 2 security labour during nigh time    | day         | 6,748.65        | 6,625.95 | 6,625.95 | 6,135.13 |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit   | Item Rate (Tk.) |          |          |          |
|--------|-----------|--|--------|-----------------|----------|----------|----------|
|        |           |  |        | Zone A          | Zone B   | Zone C   | Zone D   |
|        |           | shift etc. as required as per direction of engineer in charge.   |        |                 |          |          |          |
| 276    | 90-745-00 | <b>For BWDB Dredger:</b><br>Supply of Shifting (per shift 8 hrs) labour for connection & disconnection of Shore pipe & floating pipe, necessary mending including miscellaneous work around the dredging site etc. as per direction of engineer in charge.   | shift  | -               | -        | -        | -        |
| 276(1) | 90-745-10 | For 26" dredger  | shift  | 4,417.30        | 4,417.30 | 4,417.30 | 4,270.05 |
| 276(2) | 90-745-20 | For 20" dredger  | shift  | 3,681.08        | 3,681.08 | 3,681.08 | 3,558.38 |
| 276(3) | 90-745-30 | For 18" dredger  | shift  | 2,944.86        | 2,944.86 | 2,944.86 | 2,846.70 |
| 277    | 90-750-00 | <b>For BWDB Dredger:</b><br>Extra Rate for booster pump beyond 1.5 km  | cum/km | -               | -        | -        | -        |
| 277(1) | 90-750-10 | Extra Rate for booster pump beyond 1.5 km: 26" Dredger   | cum/km | 9.69            | 9.69     | 9.69     | 9.62     |
| 277(2) | 90-750-20 | Extra Rate for booster pump beyond 1.5 km: 20" Dredger   | cum/km | 10.21           | 10.20    | 10.20    | 10.12    |
| 277(3) | 90-750-30 | Extra Rate for booster pump beyond 1.5 km: 18" Dredger   | cum/km | 12.68           | 12.67    | 12.67    | 12.55    |
| 278    | 90-800-00 | <b>For BWDB Dredger:</b><br>Construction and dismantling of temporary/permanent steel shore pipe line including transshipment laying on the ground or on 50 kg gunny bag where necessary, lifting manually/by tripod stand with chain pulley, fitting/fixing shore pipe with nut-bolt & rubber gasket, levelling & dressing uneven ground where necessary, including the cost of necessary jute string, GI wire, etc. complete as per direction of engineer in charge. | m      | -               | -        | -        | -        |
| 278(1) | 90-800-10 | Construction and dismantelling of 26" Steel Shore Pipe Line on Ground  | m      | 1,253.22        | 1,253.22 | 1,253.22 | 1,231.28 |
| 278(2) | 90-800-20 | Construction and dismantelling of 20" Steel Shore Pipe Line on Ground  | m      | 880.67          | 880.67   | 880.67   | 864.82   |
| 278(3) | 90-800-30 | Construction and dismantelling of 18" Steel Shore Pipe Line on Ground  | m      | 673.75          | 673.75   | 673.75   | 660.40   |
| 279    | 90-820-00 | <b>For BWDB Dredger:</b><br>Construction and dismantelling of temporary/permanent steel shore pipe line including transshipment laying on staging made by bullah of local wood (100 mm dia), lifting manually/by tripod stand with chain pulley, fitting & fixing shore pipe with nut-bolt &   | m      | -               | -        | -        | -        |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

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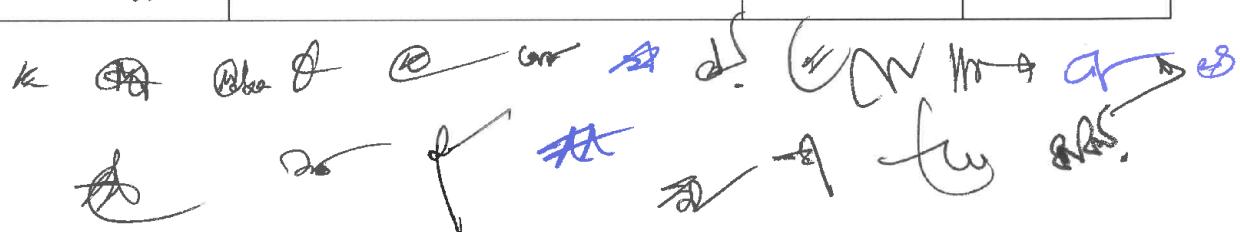
## BWDB Standard Schedule of Rates-2022

| SL. No | Item Code | Description of Item  | Unit | Item Rate (Tk.) |           |           |           |
|--------|-----------|--|------|-----------------|-----------|-----------|-----------|
|        |           |  |      | Zone A          | Zone B    | Zone C    | Zone D    |
|        |           | rubber gasket, including the cost of necessary jute string, GI wire, etc. complete as per direction of engineer in charge.   |      |                 |           |           |           |
| 279(1) | 90-820-10 | Construction and dismantelling of 26" steel shore pipe line on staging   | m    | 1,860.70        | 1,812.64  | 1,812.64  | 1,809.72  |
| 279(2) | 90-820-20 | Construction and dismantelling of 20" steel shore pipe line on staging   | m    | 1,445.21        | 1,397.15  | 1,397.15  | 1,401.85  |
| 279(3) | 90-820-30 | Construction and dismantelling of 18" steel shore pipe line on staging   | m    | 1,224.48        | 1,176.42  | 1,176.42  | 1,184.23  |
| 280    | 90-840-00 | Construction of mooring for 18" dredger, making anchorage both side of the dredger by driving hard wood bullah (125 mm dia, 1 m depth, 8 no of Bullah for two side anchorage) tying with 14/16 BWG GI wire including fitting and fixing etc. cost of all materials as per direction of engineer in charge. | each | 5,533.89        | 5,337.57  | 5,337.57  | 5,300.76  |
| 281    | 90-850-00 | <b>For BWDB Dredger:</b><br>Lifting shore pipe sunked into the mud below the ground level using tripod stand & chain hoist and cleaning with water, etc including the cost of all materials as per direction of engineer in charge.  | m    | -               | -         | -         | -         |
| 281(1) | 90-850-10 | Lifting 26" shore pipe sunked into the mud below the ground level  | m    | 1,400.84        | 1,400.84  | 1,400.84  | 1,364.03  |
| 281(2) | 90-850-20 | Lifting 20" shore pipe sunked into the mud below the ground level  | m    | 787.33          | 787.33    | 787.33    | 760.75    |
| 281(3) | 90-850-30 | Lifting 18" shore pipe sunked into the mud below the ground level  | m    | 664.63          | 664.63    | 664.63    | 642.13    |
| 282    | 90-870-00 | Construction and dismantling of outlet for dumping and disposal of water from disposal area by shore pipe by using necessary gunny bags, rope, wire, polyethene, rubber gasket, nut-bolt etc. complete as per direction of engineering in charge.  | each | -               | -         | -         | -         |
| 282(1) | 90-870-10 | For 26" dredger  | each | 72,756.56       | 72,756.56 | 72,756.56 | 70,989.64 |
| 282(2) | 90-870-20 | For 20" dredger  | each | 51,848.02       | 51,848.02 | 51,848.02 | 50,571.92 |
| 282(3) | 90-870-30 | For 18" dredger  | each | 41,923.83       | 41,923.83 | 41,923.83 | 40,844.05 |

Note: Technical Specification for Civil Works, Specification of Materials and General Instructions for Execution of Works must be followed as part of the SoR (Schedule of Rates) for every Item.

**SPECIAL NOTE: ADDED RATE FOR INACCESSIBLE AREAS**

| Category                                    | Upazilla/area                           | District    | Added % rate |  |
|---|---|-------------|--------------|--|
| A. (Accessibility with moderate difficulty) | Bandarban Sadar                         | Bandarban   | 5%           |  |
|   | Rangamati Sadar                         | Rangamati   |              |  |
|   | Kaptai                                  |             |              |  |
|   | Kaukhali                                |             |              |  |
|   | Ramgarh                                 | Khagrachari |              |  |
|   | Guimara                                 |             |              |  |
| B. (Accessibility with high difficulty)     | Lama                                    | Bandarban   | 10%          |  |
|   | Alikadam                                | Rangamati   |              |  |
|   | Naikhyongchari                          |             |              |  |
|   | Ruma                                    |             |              |  |
|   | Rowangchhari                            |             |              |  |
|   | Thanchi                                 |             |              |  |
|   | Naniarchar                              |             |              |  |
|   | Langadu                                 |             |              |  |
|   | Baghaichari                             |             |              |  |
|   | Barkal                                  |             |              |  |
|   | Juraichari                              |             |              |  |
|   | Belaichari                              |             |              |  |
|   | Rajsthali                               |             |              |  |
|   | Khagrachari Sadar                       | Khagrachari |              |  |
|   | Dighinala                               |             |              |  |
|   | Mohalchari                              |             |              |  |
|   | Panchari                                |             |              |  |
|   | Hatiya                                  | Noakhali    |              |  |
|   | Nijhum Dwip                             |             |              |  |
|   | Moheshkhali                             |             |              |  |
|   | Kutubdia                                | Cox's Bazar |              |  |
|   | Ukhia                                   |             |              |  |
|   | Teknaf (Except Saint Martin's Island)   |             |              |  |
|   | Sandwip                                 | Chattogram  | 15%          |  |
| C. (Accessibility with extreme difficulty)  | Saint Martin's Island (Teknaf Upazilla) | Cox's Bazar |              |  |


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BWDB Standard Schedule of Rates-2022

Kashfia Nazneen  
25.09.2022

(Kashfia Nazneen)  
Assistant Engineer  
Design Circle-2,  
BWDB, Dhaka.

Mirza Asiful Islam  
25/09/2022

(Mirza Asiful Islam)  
Sub-Divisional Engineer  
Design Circle-2,  
BWDB, Dhaka.

Masbahul Islam  
25/09/2022

(Md. Masbahul Islam)  
Sub-Divisional Engineer  
Design Circle-2,  
BWDB, Dhaka.

Golam Robbani  
25/09/2022

(Md. Golam Robbani)  
Executive Engineer  
Design Circle-3,  
BWDB, Dhaka.

Hasnin Fatema Kanon  
25.09.2022

(Hasnin Fatema Kanon)  
Executive Engineer  
Design Circle-2,  
BWDB, Dhaka..

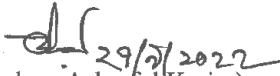
Aminul Islam  
26/09/2022

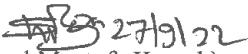
(Md. Aminul Islam)  
Superintending Engineer  
Design Circle-2,  
BWDB, Dhaka

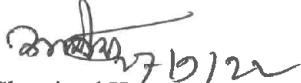
Fazlur Rashid  
26/09/2022

(Fazlur Rashid)  
Director General  
Bangladesh Water Development Board.

Signature of the Inter Ministerial Technical Committee for Finalizing the Schedule of Rates of  
Bangladesh Water Development Board (BWBD)

  
(Chowdury Ashraful Karim)  
Senior Assistant Secretary  
Finance Division  
Ministry of Finance

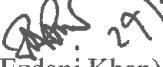
  
(S.M.Rezaul Mostofa Kamal )  
Additional Secretary  
Ministry of Water Resources

  
(Md. Shamimul Haque)  
Director (Joint Secretary)  
CPTU, Implementation Monitoring  
and Evaluation Division (IMED)  
Ministry of Planning

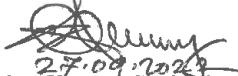
  
(Dr. Mohammad Al Amin Siddique)  
Professor  
Dept. of Civil Engineering  
BUET, Dhaka 1000

  
(Mohammad. Azad Sallal)  
Joint Secretary  
Finance Division  
Ministry of Finance

  
(Fazlur Rashid)  
Director General  
Bangladesh Water Development  
Board

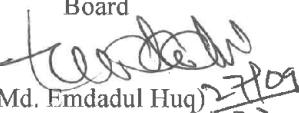
  
(Kabirul Ezdani Khan)  
Additional Secretary  
Finance Division  
Ministry of Finance

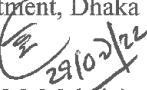
Signature of the Co-opt Members of the Inter Ministerial Technical Committee for Finalizing the  
Schedule of Rates of Bangladesh Water Development Board (BWBD)

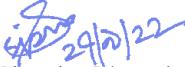
  
(Ajoy Kumar Chakraborty)  
Deputy Director (XEN)  
Directorate of Desing & Inspection-  
ii  
Bangladesh Power Development  
Board

  
(Md. Tanveer Hussein)  
Executive Engineer, RHD  
Bridge Periodic Maintenance  
Division  
Roads and Highways  
Department, Dhaka

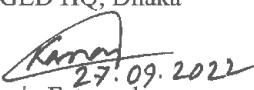
  
(Md. Hasibul Mahmud)  
Director (Procurement)  
Bangladesh Railway  
Railhaban, Dhaka

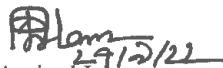
  
(Md. Emdadul Huq)  
Executive Engineer  
Design Division-2  
PWD

  
(A.S.M. Mohsin)  
Executive Engineer  
Roads & Bridge Maintenance  
Unit  
LGED HQ, Dhaka

  
(Shekhar Chandra Biswas)  
Superintending Engineer,  
PWDE/M Design Circle, Dhaka

  
Md. Masbahul Islam  
Sub-Divisional Engineer  
Design Circle-2,  
BWBD, Dhaka

  
Hasnin Fatema kanon  
Executive Engineer  
Design Circle-2,  
BWBD, Dhaka.

  
Md. Aminul Islam  
Superintending Engineer  
Design Circle-2,  
BWBD, Dhaka.

  
(Shafiqur Jamil)  
Senior Assistant Secretary  
Finance Division  
Ministry of Finance

  
(Mohammad Showkat Ullah)  
Deputy Secretary  
Finance Division  
Ministry of Finance

  
(Hayat Md. Feroze)  
Deputy Secretary  
Finance Division  
Ministry of Finance