



BANGLADESH WATER DEVELOPMENT BOARD

STANDARD SCHEDULE OF RATES 2022

September-2022

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

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

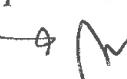
The delivery rate(s) for such material(s) should correlate the exact amount as considered against them in the Analysis of Rates. All costs of departmentally supplied material(s), if any, shall be recovered from the Contractor(s) at this (these) rate(s) for the entire supply.

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

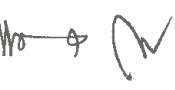
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estimate/BOQ unless an exception is allowed by the authority. In the case of any exception, obtaining prior approval of the authority shall be compulsory.

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.

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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.

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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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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

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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
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

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- A signature 'Ras' with a checkmark.
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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
20. Materials : Misc.							
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 ²	sqm	110.00	110.00	110.00	110.00
65	20-277	Geotex. Filter (Polyester) : thick>=3.0mm; mass>400 gm/m ²	sqm	90.00	90.00	90.00	90.00

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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 ²	sqm	75.00	75.00	75.00	75.00
67	20-280	Geotex. Filter : thick>=2.0mm; mass>300 gm/m ² ; EoS <=0.11 mm	sqm	102.00	102.00	102.00	102.00
68	20-281	Geotex. Filter : thick>=2.5mm; mass>350gm/m ²	sqm	115.00	115.00	115.00	115.00
69	20-282	Geotex. Filter : thick>=3.0mm; mass>400 gm/m ² ; EOS<=0.075 mm	sqm	125.00	125.00	125.00	125.00
70	20-283	Geotex. Filter : thick>=4mm; mass>=550gm/m ²	sqm	160.00	160.00	160.00	160.00
71	20-284	Geotex. Filter (Polyester) : thick>=2.0mm; mass>300 gm/m ²	sqm	80.00	80.00	80.00	80.00
72	20-285	Jute Geotextile : mass >= 627 gm/m ² ; thickness >= 2.00 mm	sqm	108.90	108.90	108.90	108.90
73	20-286	Geotex. Filter : thick>=4.5mm; mass>=600gm/m ²	sqm	180.00	180.00	180.00	180.00
74	20-287	Geotex. Filter (Polyester) : thick>=4.5mm; mass>600 gm/m ²	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


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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
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 (ϕ 28mm x 53mm x 15mm)	m	400.00	400.00	400.00	400.00
101	20-519	Rubber Seal : U-type (ϕ 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~~
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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
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, ϕ 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, 6x4.76x38mm.	No.	60.00	60.00	60.00	60.00
204	40-462	M.S. Key, 25x14x47.6mm.	No.	120.00	120.00	120.00	120.00
205	40-463	M.S. Cap Screw, Hex. Head, D=19mm, L=50mm	No.	25.00	25.00	25.00	25.00
206	40-464	M.S. Set Screw, Allen Head D=6mm, L=22mm.	No.	27.00	27.00	27.00	27.00
207	40-465	M.S. Cap Screw, Hex. Head D=6mm, L=17.5mm	No.	22.00	22.00	22.00	22.00
208	40-466	M.S. Cap Screw, Hex. Head 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, L=17.5mm.	No.	25.00	25.00	25.00	25.00
210	40-468	M.S. Set Screw, Sq. Head D=9.5, L=19mm...	No.	35.00	35.00	35.00	35.00
211	40-469	M.S. Cap Screw, D=9.5, L=25mm.	No.	35.00	35.00	35.00	35.00
212	40-470	M.S. Cap Screw, Flat Head D=6, L=16mm...	No.	30.00	30.00	30.00	30.00
213	40-471	M.S. Lock Washer, D=40mm, T=5mm.	No.	40.00	40.00	40.00	40.00
214	40-472	Bronze Lock Washer, D=73mm, 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, L=760mm	No.	8913.30	8913.30	8913.30	8913.30
217	40-475	M.S. Bolt & Nut D=16mm, 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= 760mm.	No.	4000.00	4000.00	4000.00	4000.00
221	40-481	B. Cover Top, C.I. D=190, T=21, H=106mm.	No.	4700.00	4700.00	4700.00	4700.00
222	40-482	Lift Nut, Bronze, Sq.T, D=108, H=222mm..	No.	9000.00	9000.00	9000.00	9000.00
223	40-483	Lift Screw M.S. Sq.T, D=38, L=1825mm ...	No.	2400.00	2400.00	2400.00	2400.00
224	40-484	Padestal Welded MS. D=140, L=680, T=6mm.	No.	1500.00	1500.00	1500.00	1500.00
225	40-490	Bronze Bushing, D=35mm, 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 Hook, SS, ϕ 20mm Bar, Length 250 mm	No.	605.00	605.00	605.00	605.00
227	40-530	Rod; MS. Plain ($F_y=300N/mm^2$, billet): Above 30mm	kg	65.00	65.00	65.00	65.00
228	40-535	Rod; MS. Plain ($F_y=300N/mm^2$, billet): 9mm to 30mm	kg	65.00	65.00	65.00	65.00
229	40-540	Rod; MS. Plain ($F_y=300N/mm^2$, 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 \geq 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 40-495
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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
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; 3C,3x16mm ² ;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 0	490000.0 0	490000.0 0	490000.0 0
274	70-011	Hire charge of 20" Dredger with all accessories	day	330000.0 0	330000.0 0	330000.0 0	330000.0 0

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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
275	70-012	Hire charge of 18" Dredger with all accessories	day	220000.0 0	220000.0 0	220000.0 0	220000.0 0
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 (Combatstu)	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

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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
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

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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
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', and 'C' written in blue ink.
- The number '14' written in blue ink.
- The letter 'E' with a checkmark next to it.
- The letter 'Z' with a checkmark next to it.
- The letter 'H' with a checkmark next to it.
- The letter 'R' with a checkmark next to it.
- The letter 'N' with a checkmark next to it.
- The letter 'P' with a checkmark next to it.
- The letter 'Q' with a checkmark next to it.
- The letter 'S' with a checkmark next to it.
- The letter 'T' with a checkmark next to it.
- The letter 'U' with a checkmark next to it.
- The letter 'V' with a checkmark next to it.
- The letter 'W' with a checkmark next to it.
- The letter 'X' with a checkmark next to it.
- The letter 'Y' with a checkmark next to it.

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.	179000.0 0	179000.0 0	179000.0 0	179000.0 0
358	70-328	Pump Turbine, 5 cusec, with motor	No.	179000.0 0	179000.0 0	179000.0 0	179000.0 0
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

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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
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

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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
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', 'M', 'A', 'D', 'S', 'E', 'G', 'T', 'W', and 'AA'. 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
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	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	Machinisht	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. The signatures 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'. There are also some smaller, less distinct marks and initials interspersed among the larger ones.

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
04. Preliminary & Misc. Work							
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 R B I N A H A S B

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/polysterene 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

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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
		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
08. Carriage							
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.

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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
		(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/k m	392.67	386.47	386.47	361.68
28(2)	08-120-20	By boat : 2nd km. and above.	pmt/k m	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/k m	-	-	-	-
29(1)	08-130-10	Within 1.00 km.	pmt/k m	370.37	367.27	367.27	354.88
29(2)	08-130-20	2nd km and above.	pmt/k m	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 measurable stacks (less than 0.25m neglected) as per direction of Engineer in charge.	cum/k m	-	-	-	-
31(1)	08-150-10	By cart : Within 1.00 km.	cum/k m	520.73	514.53	514.53	489.74
31(2)	08-150-20	By cart : 2nd km and above.	cum/k m	112.43	112.43	112.43	112.43

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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
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

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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
10. Survey Works							
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 resurvey 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.

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	-	-	-	-

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BWDB Standard Schedule of Rates-2022

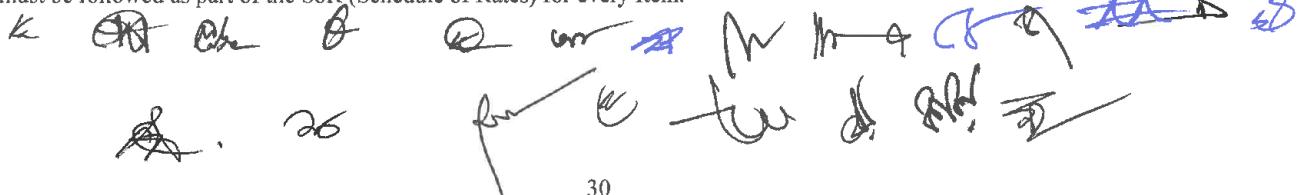
SL. No	Item Code	Description of Item	Unit	Item Rate (Tk.)			
				Zone A	Zone B	Zone C	Zone D
		Morphological Parameter Calculations, Surveyor & Unskilled Labour for field data collection), Accommodation, Transportation from Headquarter to site and site movement and shaded boat for bathymetric survey 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.

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
39(1)	10-150-10	Section Interval: upto 20 m	each	1,441.54	1,436.26	1,436.26	1,410.51
39(2)	10-150-20	Section Interval: 21 m to 40 m	each	1,627.60	1,621.45	1,621.45	1,591.55
39(3)	10-150-30	Section Interval: 41 m to 60 m	each	1,888.09	1,880.71	1,880.71	1,845.01
39(4)	10-150-40	Section Interval: 61 m to 100 m	each	2,278.83	2,269.60	2,269.60	2,225.19
40	10-160-00	River Morphological Data Collection/Bathymetric and river bank topography Survey for river Section (Section width 501 m to 1000 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	-	-	-	-
40(1)	10-160-10	Section Interval: upto 20 m	each	1,957.42	1,951.26	1,951.26	1,920.92
40(2)	10-160-20	Section Interval: 21 m to 40 m	each	2,255.64	2,248.26	2,248.26	2,212.12
40(3)	10-160-30	Section Interval: 41 m to 60 m	each	2,702.97	2,693.74	2,693.74	2,648.89
40(4)	10-160-40	Section Interval: 61 m to 100 m	each	3,448.53	3,436.22	3,436.22	3,376.86
41	10-170-00	River Morphological Data Collection/Bathymetric and river bank topography Survey for river Section (Section width>1000 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,	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
		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	-	-	-	-

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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
		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	-	-	-	-

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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
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.					
12. Dewatering							
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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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
16. Earthwork							
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

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
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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K O 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
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						

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 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	-	-	-	-

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
		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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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.

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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
		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 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 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

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
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	-	-	-	-

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 A R B S A P A R A J A R N A T A 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
		(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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K 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
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

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
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
40. Protective Work							
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 ² , 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 ² , 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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(Handwritten signatures and initials over the table)

BWDB Standard Schedule of Rates-2022

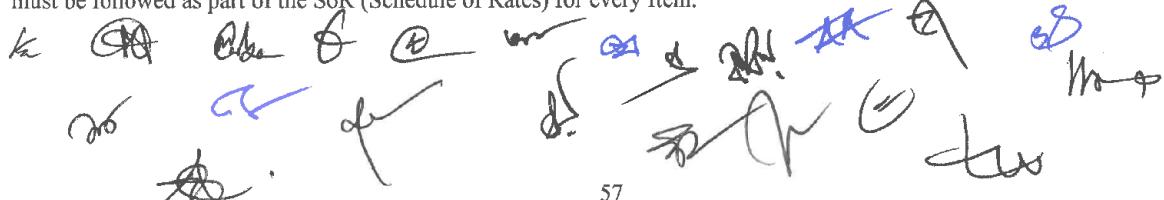
SL. No	Item Code	Description of Item	Unit	Item Rate (Tk.)			
				Zone A	Zone B	Zone C	Zone D
		and charges, etc. complete as per technical specification, approved design and direction of Engineer in charge.					
113(1)	40-110-10	Block Size: 40cmx40cmx30cm	each	401.99	396.84	398.47	389.57
113(2)	40-110-20	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 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 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 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	each	-	-	-	-

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 Handwritten signatures and initials in blue and black ink, appearing to be approvals or signatures of officials.

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 ² 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

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K C B D S A D B K S W M

BWDB Standard Schedule of Rates-2022

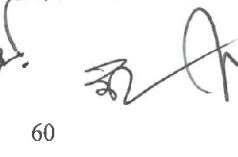
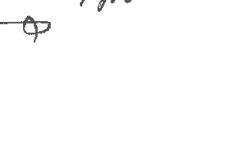
SL. No	Item Code	Description of Item	Unit	Item Rate (Tk.)			
				Zone A	Zone B	Zone C	Zone D
119(5)	40-170-15	Block Size: 50cmx50cmx50cm	each	1,969.69	1,986.54	1,874.94	1,805.53
119(6)	40-170-20	Block Size: 50cmx50cmx40cm	each	1,572.97	1,586.42	1,497.30	1,441.87
119(7)	40-170-25	Block Size: 45cmx45cmx45cm	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>=1.5) and shingles (40mm down graded) to attain a 28 days cylinder strength of 10.5 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	-	-	-	-
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.

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^2 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.

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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
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.

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	-	-	-	-

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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
		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 ² 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.

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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 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 ² 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 ² 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.

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 ² , unit weight : 855 Kg/m ³ to 946 Kg/m ³ , 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] Filling and dumping of geo-textile bags of different sizes and capacity at project/work site, protecting from UV	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
		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	-	-	-	-

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
		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. [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 ² , unit weight : 855 Kg/m ³ to 946 Kg/m ³ , 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.	-	-	-	-

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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
		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 ² , unit weight : 855 Kg/m ³ to 946 Kg/m ³ , 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 ² , unit weight : 855 Kg/m ³ to 946 Kg/m ³ , 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

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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
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 ² , unit weight : 855 Kg/m ³ to 946 Kg/m ³ , 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

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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
		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 ²) 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 ² , 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

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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
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.

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 ²) 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

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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
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 ²) 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.

*K. Ch. R. on 1/2/2022
✓ 1/2/2022
A. 1/2/2022
S. 1/2/2022
D. 1/2/2022
R. 1/2/2022
S. 1/2/2022
H. 1/2/2022
S. 1/2/2022*

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
		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] 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 ² , unit weight : 855 Kg/m ³ to 946 Kg/m ³ , 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] Supplying filling and placing of geo-	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.

K S R A B S R C M S D G J H P T L W 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
		textile bags of different sizes and capacity at project/work site, making with standard geo-textile fabric (Polystar fabric, mass \geq 400gm/m ²) 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 ³ to 946 Kg/m ³ , geo-textile thickness \geq 4.00 mm, mass \geq 550 gm/m ² , 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 ² , 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 ²) 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 ≥ 4.00 mm, mass ≥ 550 gm/m ²): 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 ≥ 4.00 mm, mass ≥ 550 gm/m ²) 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 ≥ 4.50 mm, mass ≥ 600 gm/m ² , Tensile Strength ≥ 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 ² , 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 ³ to 946 Kg/m ³ , 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	-	-	-	-

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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
		maximum force (CMD) => 40% and <= 100%, horizontal and vertical permeability (under 2 kn/m ² 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 ² , 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 ² , 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 ² , 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 ² , 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 ² ; 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	-	-	-	-

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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
		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 ² , 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 ² , 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 ² , 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 ² , 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. (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	-	-	-	-

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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
		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. (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. (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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A series of handwritten signatures and initials are written across the bottom right of the note, appearing to be approvals or signatures from various individuals involved in the process.

BWDB Standard Schedule of Rates-2022

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				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

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				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 ≥ 8.0 cm in position etc. complete as per direction of Engineer in charge.	no	-	-	-	-
180(1)	40-720-10	Length: ≥ 4.5 m to ≤ 6.0 m.	no	339.66	308.94	308.94	327.19
180(2)	40-720-20	Length: ≥ 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 ≥ 8.0 cm, by hammer or monkey hammer, as per direction of Engineer in charge.	m	-	-	-	-
181(1)	40-730-10	≥ 1.50 m to ≤ 2.0 m drive, on dry land.	m	215.20	211.30	211.30	195.71
181(2)	40-730-20	≥ 1.50 m to ≤ 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	≥ 0.75 m to < 1.50 m, on dry land.	m	143.73	141.13	141.13	130.74
181(4)	40-730-40	≥ 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
	44. Piling and Caisson Sinking						
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 ² , Yield strength =>295 N/mm ² , 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. (± 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. (± 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. (± 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	-	-	-	-

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
		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 \geq 2.0 to attain a minimum 28 day cylinder strength of 20.00 N/mm ² 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, FM>=1.5	m	478.82	469.11	473.71	466.46
213(2)	44-400-10	Sand force Vol. 0.15 cum/m, FM>=2.0	m	607.66	595.37	599.97	591.61
213(3)	44-400-15	Sand force Vol. 0.15 cum/m, FM>=2.5	m	626.07	613.77	618.37	610.02
213(4)	44-400-20	Sand force Vol. 0.20 cum/m, FM>=1.5	m	642.11	629.16	635.29	625.45
213(5)	44-400-25	Sand force Vol. 0.20 cum/m, FM>=2.0	m	813.90	797.50	803.64	792.33
213(6)	44-400-30	Sand force Vol. 0.20 cum/m, FM>=2.5.	m	838.44	822.04	828.18	816.87
213(7)	44-400-35	Sand force Vol. 0.25 cum/m, FM>=1.5	m	802.64	786.44	794.11	781.81
213(8)	44-400-40	Sand force Vol. 0.25 cum/m, 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, 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, FM>=1.5	m	957.65	938.21	947.41	932.91
213(11)	44-400-55	Sand force Vol. 0.30 cum/m, 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, 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, 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, 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, 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

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. (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

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
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

60. Drain Construction

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 ($FM \geq 1.5$) cement mortar (1:4), 12mm thick sand ($FM \geq 1.3$) 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 ($FM \geq 1.5$) cement mortar (1:4), 12mm thick sand ($FM \geq 1.3$) 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 ($FM \geq 1.5$) cement mortar (1:4), 12mm thick sand ($FM \geq 1.3$) 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

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*K. G. R. M. S. E. M. D. M. H. A. K. A. D. S.
 D. S. F. T. S. A. S. H. 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
		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 ³ and other physical, chemical, thermal, fire resistivity properties etc. as per BSTI approved manufacturer	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
		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 ² 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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K O P Y A B O R O W D S I G N + C R A P A K S B L S. = 2

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 ² 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 ² 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
72. Painting Work							
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
76. M.S. Work & Metal Work							
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

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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	-	-	-	-

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. Oba & Co. Ltd. - 26/07/2022
As the 26/07/2022
B. W. M. & O. Ltd. - 26/07/2022
R. S. B. W. M. & O. Ltd. - 26/07/2022*

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
		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, ϕ 28mm x 53mm x 15mm P-type top & side rubber seal fixed with ϕ 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, ϕ 28mm x 53mm x 15mm P-type top & side rubber seal fixed with ϕ 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.

*K. Gopal Reddy
A. K. Ravi
S. S. Venkateswaran
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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, ϕ 28mm x 53mm x 15mm P-type rubber seal, fixed with ϕ 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 ϕ 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, ϕ 28mm x 53mm x 15mm P-type rubber seal, fixed with ϕ 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 ϕ (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	-	-	-	-

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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

A series of handwritten signatures and initials are written over the note above. The signatures include 'K. S. B. & Co' in blue ink, and other initials like 'D. E. N. H. & C. D. S.' in blue and black ink. There is also some cursive handwriting at the bottom left.

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

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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 ² 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	For Contractor Dredger: 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	For Contractor Dredger: 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	For BWDB Dredger: 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	For BWDB Dredger: 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	For BWDB Dredger: 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	For BWDB Dredger: 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	For BWDB Dredger: Loading/unloading and stacking of shore pipe including cost of all	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
		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	For BWDB Dredger: 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	For BWDB Dredger: 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	For BWDB Dredger: 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	For BWDB Dredger: 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

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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
		shift etc. as required as per direction of engineer in charge.					
276	90-745-00	For BWDB Dredger: 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	For BWDB Dredger: 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	For BWDB Dredger: Construction and dismantling of temporary/permanent steel shore pipe line including transhipment 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	For BWDB Dredger: Construction and dismantelling of temporary/permanent steel shore pipe line including transhipment 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.

Lokeshwar Singh *Sub Inspector* *SOA* *Ward No. 15* *DOB: 20/09/1988* *SSC* *121*

BWDB Standard Schedule of Rates-2022

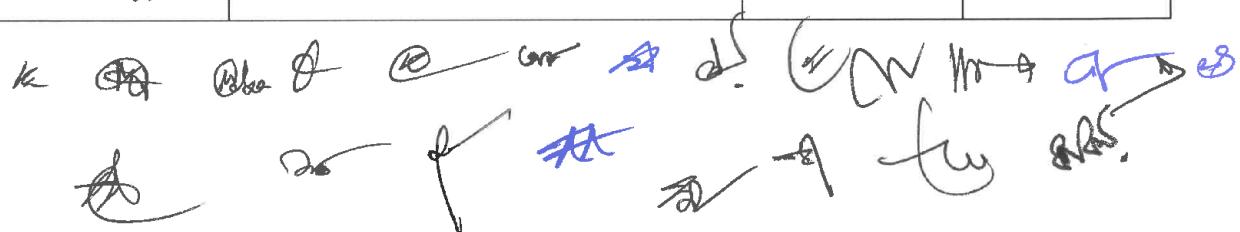
Sl. No	Item Code	Description of Item	Unit	Item Rate (Tk.)			
				Zone A	Zone B	Zone C	Zone D
		rubber gasket, including the cost of necessary jute string, GI wire, etc. complete as per direction of engineer in charge.					
279(1)	90-820-10	Construction and dismantelling of 26" steel shore pipe line on 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	For BWDB Dredger: Lifting shore pipe sanked 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 sanked 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 sanked 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 sanked 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


 A series of handwritten signatures and initials are written across the bottom of the table. From left to right, they include: 'K', 'G', 'R', 'B', 'S', 'E', 'or', 'A', 'S', 'C', 'N', 'W', 'G', 'D', 'S', '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'.

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	Khagrachari		
	Belaichari			
	Rajsthali			
	Khagrachari Sadar			
	Dighinala			
	Mohalchari	Noakhali		
	Panchari			
	Hatiya			
	Nijhum Dwip	Cox's Bazar		
	Moheshkhali			
	Kutubdia			
	Ukhia			
	Teknaf (Except Saint Martin's Island)	Chattogram		
	Sandwip			
C. (Accessibility with extreme difficulty)	Saint Martin's Island (Teknaf Upazilla)	Cox's Bazar	15%	


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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..

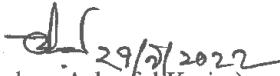
Aminul Islam
26/09/2022

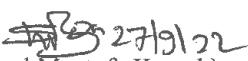
(Md. Aminul Islam)
Superintending Engineer
Design Circle-2,
BWDB, Dhaka

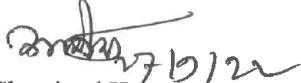
Fazlur Rashid
26/09/2022

(Fazlur Rashid)
Director General
Bangladesh Water Development Board.

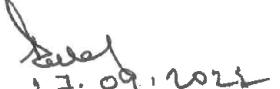
Signature of the Inter Ministerial Technical Committee for Finalizing the Schedule of Rates of
Bangladesh Water Development Board (BWBD)


(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

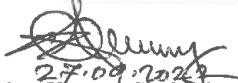

(Dr. Mohammad Al Amin Siddique)
Professor
Dept. of Civil Engineering
BUET, Dhaka 1000


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


(Fazlur Rashid)
Director General
Bangladesh Water Development
Board

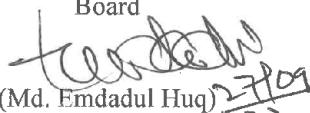

(Kabirul Ezdani Khan)
Additional Secretary
Finance Division
Ministry of Finance

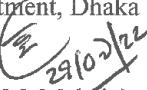
Signature of the Co-opt Members of the Inter Ministerial Technical Committee for Finalizing the
Schedule of Rates of Bangladesh Water Development Board (BWBD)

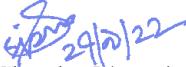

(Ajoy Kumar Chakraborty)
Deputy Director (XEN)
Directorate of Desing & Inspection-
ii
Bangladesh Power Development
Board


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

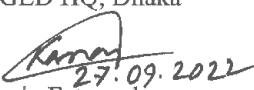

(Md. Hasibul Mahmud)
Director (Procurement)
Bangladesh Railway
Railhaban, Dhaka

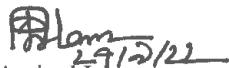

(Md. Emdadul Huq)
Executive Engineer
Design Division-2
PWD

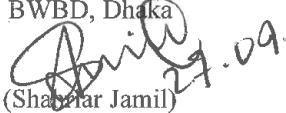

(A.S.M. Mohsin)
Executive Engineer
Roads & Bridge Maintenance
Unit
LGED HQ, Dhaka


(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