

Section-6
BILL OF QUANTITIES

Name of work : Re-construction RCC Copping Over Existing Boundary Wall infront of Officers Quarter-1 at SWTP Phase-1.

IFT No: 46.113.431.00.00.085.2025-25

Date:-25/09/2025

Item No	Basis of revised rate (PWD - 2022)	Description of Items	Quantity	Unit	Rate (Tk)	Amount (Tk)
(1)	(2)	(3)	(4)	(5)	(6)	(7=4x6)
CIVIL WORKS						
1	1.7	Mobilization and cleaning site before commencing actual physical work and during contract period and demobilization after completion of the works under contract to be accepted by the Engineer-in-charge. This work shall also cover clayey cleaning and clearing, cutting or filling, dressing the project area on and in the ground to an extent that all the events of works of the project can be executed smoothly in a working environment with a particular attention on safety and security in all respects, and to stockpile the end outcome to a place for disposal agreed by the Engineer-in-charge, where, payments are to be based on ground area determined by the Engineer-in-charge and be proportionate to the percentage progress of work under contract as a whole in all respects and approved by the Engineer-in-charge.	35.63	Sqm	218.001	7,767.376
2	32.1	Stripping of unserviceable plaster including racking out joints, cleaning etc	57.60	Sqm	31.001	1,785.658
3	32.6.1.1	Dismantling of R.C.C. beam, lintel, column, drop wall, sun shade from any height and removal of debris to a safe distance	0.45	Cum	3,928.001	1,767.600

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Proprietor

Item No	Basis of revised rate (PWD - 2022)	Description of Items	Quantity	Unit	Rate (Tk)	Amount (Tk)
(1)	(2)	(3)	(4)	(5)	(6)	(7=4x6)
4	7.3.4	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:1.5:3 having maximum water cement ratio = 0.40 and minimum $f_{cr} = 33.5$ MPa, satisfying a specified compressive strength $f_c = 25$ MPa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM, Cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa) / ASTM-C 150 Type - I, best quality Sylhet sand or coarse sand of equivalent F.M. 2.2 and 20 mm down well graded stone chips conforming to ASTM C-33 (Aggregate grading as per table shown in technical specification), conducting necessary tests, making and placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Pedestals, column, column capital, lift wall and RCC wall up to ground floor	7.13	Cum	15,323.001	109,252.997
5	7.12.5	Centering and shuttering, including strutting, propping etc. and removal of form after hardening of the concrete for Pedestals, column, wall	171.00	Sqm	543.001	92,853.171
6	8.1.2	Grade 400 (RB 400 /RB 400W: complying BDS ISO 6935-2:2006) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, f_y (ReH) = 400 MPa but f_y not exceeding 450 MPa and whatever is the yield strength within allowable limit as per BNBC/ ACI 318, the ratio of ultimate tensile strength f_u to yield strength f_y , shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 16% and 8% respectively : up to ground floor.	589.37	Kg.	121.001	71,314.359
7	15.1.1	Providing minimum 12 mm thick cement sand (F.M. 1:2) plaster (1:4) with fresh cement to both inner and outer surface of wall, finishing the corner and edges including washing of sand, cleaning the surface, curing at least for 7 days, cost of water, electricity, scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/A-M) ground floor.	141.90	Sqm	315.001	44,698.642

M/S. R.S. Traders

Proprietor

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9	M/P

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Note:

- 1 Tenderers cost of the modification particular of the Tender
- 2 It is suggested mistakes or
- 3 Tenderer's shall be deemed total Tender

Item No	Basis of revised rate (PWD - 2022)	Description of Items	Quantity	Unit	Rate (Tk)	Amount (Tk)
(1)	(2)	(3)	(4)	(5)	(6)	(7=4x6)
8	16.1.2	Exterior premium acrylic emulsion paint of approved best quality and color with high performance against dirt picking tendency and efflorescence resistance properties along with water resisting properties and resistance properties against fungi, fading and flaking from authorized local agent of the manufacturer in a sealed container; applying to exterior surface with surface preparation including cleaning drying, making free from dirt, grease, wax, ; all complete in all floors and accepted by the Engineer-in-charge.	552.90	Sqm	298.001	164,764.753
9	M/P	safety measure item all complete and accepted by the Engineer-in-charge.	1.00	Item	4,500.001	4,500.001
						498,704.557

In Word: Four Lac Ninety Eight Thousand Seven Hundred Four Point Five Five Seven Taka Only.

Tender Price quoted by the Tenderer : The tenders shall quote in the following blanks space.	
5% Below Tk = 4,73,769.329 (Four Lakh Seventy Three Thousand Seven Hundred Sixty Nine point Three Two Nine Tk only.)	
(Blank space provided for quoting.)	

Note:

- 1 Tenderers shall quote on the basis of "Percentage (-5% to +5%) above, below or as per" of the total estimated cost of the works, both in figures and in words in the blank space provided in the priced BQQ. Any change or modification by the Tenderer in the unit rate(s) or price(s) of the priced BQQ shall lead to rejection of that particular Tender. The price to be quoted in the Tender Submission Letter (From PW2b-1) shall be the total price of the Tender in accordance with (ITT clause-21.1)
- 2 It is suggested that the Tenderer uses these sheets of the BQQ in order to avoid any manipulation, distortion and inadvertent mistakes or omissions in course of preparing the Tender by the Tenderer.
- 3 Tenderer's profit, overheads, VAT and all other charges including corresponding incidental service charges for banking shall be deemed included in all the unit rates and prices in the BQQ against each basic item or activity and thus forth the total Tender Price quoted by the Tenderers.

Rajib Ahmed
25-02-25

Rajib Ahmed
Executive Engineer
Saidabad Water Treatment Plant (Maintenance)
Dhaka WASA

M/S. R.S. Traders

Rajib Ahmed
20-10-25
Proprietor