

Section-6
BILL OF QUANTITIES

Name of work : Supply of File Cabinet & Related Service of office Room of SWTP.

IFT No: 46.113.431.00.00.201.2024-25

Date:-30/04/2025

Item No	Basis of rate	Description of Items	Qty	Unit	Point of Delivery	Delivery Period (in days)	Country of Origin	Rate (Tk)	Amount (Tk)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10=4X9)
Price & Delivery Schedule for Goods (Form e-PG2-2A)									
1	Approved Rate	Supply of MS Rack as per specification, provided Sample. Drawings and design including carrying charge, loading-unloading, fitting and fixing all complete and approved by the engineer in-charge. Total Dimension of Each Rack: 3000 mm x 2400mm x 750 mm. Ms Sheet Size: 300mm x 750mm x 2mm Angle Size: 38mm x 38mm x 6mm Angle Length: 300mm, 2400mm, 750mm Flat bar Size: 750mm x 38mm x 6mm No of tier: 4-Layer Surface treatment: Electrostatic Spray Material of construction: Mild Steel	3.00	Nos	SWTP	30	BD	83,500.00	249,000.00
2	Do	Four drawer File Cabinet with including locker	4.00	Nos	SWTP	30	BD	40000.00	160000.00
3	PWD-3.7	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or any where below cement concrete complete in all respect and accepted by Engineer-in-	3.89	sqm	SWTP	30	BD	47.00	182.834

Item No	Basis of rate	Description of Items	Qty	Unit	Point of Delivery	Delivery Period (in days)	Country of Origin	Rate (Tk)	Amount (Tk)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10=4X9)
4	PWD-6.6	Supplying, fitting and fixing country made glazed wall tiles complying BDS ISO 13006: 2015, irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1:2)mortar (1:3) base and raking out the joints with white cement including cutting, laying and hire charge of machine and finishing with care etc. including cost of water, electricity and other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: CEM-							
	PWD-06.6.1	Wall tiles less than, equal or equivalent to 250 mm x 330 mm in sizes	29.70	sqm	SWTP	30	BD	1356.001	40273.230
5	Do	Office Almirah with including locker	2.00	Nos	SWTP	30	BD	62500.001	125000.002
6	MP	Supply SS Type Sink Set	2.00	Nos	SWTP	30	BD	4800.001	9600.002
7	MP	Supply SS Type Long Tap	4.00	Nos	SWTP	30	BD	3500.001	14000.004
Total Tk (Form e-PG2-2A) =									598056.079
Price & Completion Schedule for Related Services (Form PG2-2B)									
1	PWD-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.	24.46	sqm	SWTP	30	BD	218.001	5332.304

13

28/08/24

Item No	Basis of rate	Description of Items	Qty	Unit	Point of Delivery	Delivery Period (in days)	Country of Origin	Rate (Tk)	Amount (Tk)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10=4X9)
2	PWD-8.1.2	Grade 400 (B400DWR / B420DWR: complying BDS ISO 6935-2:2016 / ASTM A615) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, fy (ReH)= 400 MPa but fy not exceeding 480 MPa and whatever is the actual yield strength within allowable limit as per BNBC/ ACI 318, the ratio of ultimate tensile strength fu to yield strength fy, shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 17%	61.79	Kg	SWTP	30	BD	121.001	7476652
3	PWD-14.8	Supplying, fitting and fixing of aluminium sliding window with mosquito mesh as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having minimum 1.2 mm thick outer bottom (95.00 mm, 38.00 mm outer bottom, 0.72 kg/m), minimum 1.2 mm thick outer top (95.00 mm, 28.5 mm outer top, 0.75 kg/m), minimum 1.2 mm thick shutter top (size 33 mm, 26.80 mm, 0.42 kg/m), minimum 1.2 mm thick shutter bottom (size 60mm, 24.40 mm, 0.589 kg/m), minimum 1.2 mm thick outer side (95.00 mm, 19.50 mm outer side, 0.591 kg/m), minimum 1.2 mm thick shutter lock (size 49.20 mm 25.80 mm, 0.543 kg/m) and minimum 1.2 mm thick inter lock (size 34.40 mm, 32.13 mm, 0.562 kg/m) sections all aluminium members will be anodized to aluminium bronze/silver/ss/black colour with a coat not less than 15 microns in thickness or powder coated to any colour with a coat not less than 25 microns in thickness and density of 4 mg per square cm etc. including all accessories like sliding door key lock, sliding door wheel, sliding door mohiar, sliding door neoprene, bolts and nuts including sealants, keeping provision for fitting 5 mm thick glass including labour charge for fitting of accessories, making grooves and mending good damages, carriage, and electricity							
	PWD-14.8.3.2	Size up to: 762 mm x 610 mm	20.06	sqm	SWTP	30	BD	14430.001	289465.820

[Handwritten signature]

[Handwritten signature]

[Handwritten circled number 3]

[Handwritten signature]

Item No	Basis of rate	Description of Items	Qty	Unit	Point of Delivery	Delivery Period (in days)	Country of Origin	Rate (Tk)	Amount (Tk)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10=4X9)
4	PWD-4.16	125 mm brick works with first class bricks with cement sand (F.M. 1:2) mortar (1:4) and making bond with connected walls including necessary scaffolding, raking out joints, cleaning and soaking the bricks for at least 24 hours before use and washing of sand, curing at least for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) To ground floor	6.48	sqm	SWTP	30	BID	1408.001	9123.846
5	PWD-7.4.3	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 fcr = 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 in position; mixing with standard mixer machine with hopper, fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, other charges etc. all complete, approved and accepted by the Engineer-in-charge.	0.39	cum	SWTP	30	BID	15323.001	5975.970
6	PWD-15.1.1	Minimum 12 mm thick cement sand (F.M. 1:2) plaster (1:4) with fresh cement to wall both inner and outer surface, finishing the corner and edges including washing of sand cleaning the surface, scaffolding and curing at least for 7 days. cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer. (Cement: CEM-II/A-M). Ground floor.	12.95	sqm	SWTP	30	BID	315.001	4079.263
7	PWD-7.12.4	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane, to make the concrete surface true to the designed shape and size by using necessary MS sheets of minimum 16 BWG, angles of minimum size 40 mm x 40 mm x 5 mm, flat bars etc.) and removal of form Pedestal, column, column capital, lift wall and wall up to ground floor.	3.89	sqm	SWTP	30	BID	522.001	2030.584

Item No	Basis of rate	Description of Items	Qty	Unit	Point of Delivery	Delivery Period (in days)	Country of Origin	Rate (Tk)	Amount (Tk)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)-(13)
8	PWD-16.1.2	Supply 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, removing all chalked and scaled materials, fungus, mending good the surface defects using sand paper and necessary scaffolding; applying necessary exterior sealer of specified brand on prepared surface; then applying necessary exterior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 2 coats of exterior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. upto desired finishing, elapsing specified time for drying or recoating; all complete in all floors and accepted by the Engineer-in-charge.	12.95	sqm	SWTP	30	BID	298.001	3859.113
9	LS	Site Cleaning Work	1.00	Item			BID	21104.652	21104.652

Summary

1	Price of Goods (Form PG2-2A)	598056.079
2	Price of Related Services (Form PG2-2B)	348448.205
Total Amount Tk.		946504.284

In Word (Taka):	Nine Lac Forty Six Thousand Five hundred Four Point Two Zero Five
-----------------	---

S. Shihabur Rahman
Executive Engineer
Saidabad Water Treatment Plant (Maintenance)
Dhaka WASA

S. Shihabur Rahman
14.5.2015

S. Shihabur Rahman
28/7/15