

Office of the Executive Engineer
Saidabad Water Treatment Plant (Maintenance)
Dhaka WASA

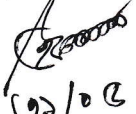
Name of the works: Construction & Beautification of brick plantation bed for jau tree south side of Treated Storage Tank at SWTP Phase-2 (Package-1).

Item No	Basis of rate (PWD-2018)	Description of Items	Quantity	Unit	Rate (Tk)	Amount (Tk)
(1)	(2)	(3)	(4)	(5)	(6)	(7=4x6)
CIVIL WORKS						
1	2.1.1	Layout and marking for earthwork in excavation in foundation accepted by the Engineer-in-charge. [Plinth area of the structure shall be considered for measurement].	19.01	Sqm	15.001	285.169
2	2.1.4	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead: in very stiff (hard) clayey soil/ rubbish etc.	8.56	Cum	189.001	1,617.849
3	2.10.1	Sand filling in foundation trenches and plinth with sand having F.M. 0.5 to 0.8 in 150 mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) by ramming each layer up to finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge.	2.92	Cum	635.001	1,854.203
4	3.1	One layer brick flat soling in foundation or in floor with first class/picked jhama bricks including preparation of bed and filling the interstices with local sand, levelling etc. complete and accepted by the Engineer-in-charge.	12.38	Sqm	420.001	5,199.612
5	3.4	Mass concrete (1:3:6) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by the Engineer-in-charge.(Cement: CEM-II/A-M).				
		Mass concrete in foundation (1:3:6) with cement, brick chips and sand of F.M. 1.2	1.86	Cum	6,647.001	12,363.422
6	4.9	Brick works with 241 mm x 114 mm x 70 mm size 3 hole machine made reinforced klinker facing bricks having uniform colour carefully laid in cement sand (F.M.1.2) mortar (1:4) in superstructure with uniform width and depth of joints, true to vertical and horizontal lines including raking out joints, filling the interstices with mortar, cleaning and soaking bricks at least for 24 hours before use and washing and screening of sand, necessary scaffolding, curing at least for 7 days and pointing with cement sand (F.M. 1.2) mortar (1:2) including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge. (Cement: CEM-II/A-M) In ground floor.	21.24	Cum	13,380.000	284,191.200

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(1)	(2)	(3)	(4)	(5)	(6)	(7=4x6)
7	4.14.5	Providing clay wall tile facing strips (water absorption ratio below 4.5%) in superstructure with machine made hard pressed klinker facing strips of approved quality with 20 mm thick cement sand (F.M.1.2) mortar (1:3) in adjacent side wall, column, drop wall etc. and racking out joints, cutting to required sizes wherever necessary with high class recessed pointing, cleaning and soaking at least for 24 hours before use, washing and screening of sand and necessary scaffoldings, curing at least 7 days including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge. (Cement: CEM-II/A-M) In ground floor With 241 mm x 70 mm x 12.7 mm matt glazed textured strip.	54.85	Sqm	3,006.000	164,879.100
8	25.4	Supply of best and approved quality alluvial loamy silty soil including loading, unloading at both ends, properly stacking at site including supply of tools and plants etc. all complete and accepted by the Engineer-in-charge.	6.00	Cum	843.001	5,058.006
9	25.5	Supply of well decomposed cow dung carried by trucks or any other means including loading, unloading at both ends, stacking the same at site including supply of tools and plants etc. all complete and accepted by the Engineer-in-charge.	1.50	Cum	1,507.001	2,260.502
10	25.6	Labour charge for spreading the alluvial loamy silty soil from the stacks at site on the lawn surface, leveling, dressing the same including supply all necessary tools and plants etc. all complete and accepted by the Engineer-in-charge.	6.00	Cum	152.001	912.006
11	25.9	Labour charge for mixing well decomposed cow dung with alluvial loamy silty soil and excavated earth, removing the excess earth to safe distance including supply of tools and plants etc. all complete and accepted by the Engineer-in-charge.	1.50	Cum	141.001	211.502
12	25.11	Supplying and providing, fitting and fixing muli bamboo tree guard of 1200 mm length and 500 mm dia fixing with best quality muli bamboo split 20 mm in size having 75 mm x 75 mm a square holes with 20 mm wide bamboo splits strengthen with 4 Nos. 20 mm wide bamboo split in both sides tightened with G.I wire fitted with 3 Nos. 63 mm dia borrak bamboo post of 1800 mm long of which 600 mm will be driven into earth by digging hole followed by fill back including supply of tools and plants all complete as per direction of the Engineer-in-charge.	4.00	Each	647.001	2,588.004
13	32.5.1.1	Dismantling of unserviceable/damaged brick works (with cement or lime mortar) of thickness 250 mm in foundation and superstructure and removal of debris to a safe distance.	4.20	Cum	434.001	1,822.804

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(1)	(2)	(3)	(4)	(5)	(6)	(7=4x6)
14	25.15	Carrying of rubbish, taking up all sorts of bricks, brick-bats and rubbish gravel chips, loading and unloading at both ends including supply of tools and plants etc. all complete and accepted by the Engineer-in-charge.	4.20	Cum	146.001	613.204
15	M/P	Supply and planting of red sapling/red orcid all complete and accepted by the Engineer-in-charge.	5.00	Item	2,250.000	11,250.000
16	M/P	Supply of safety measures item (Gum boot, visible vest, helmet etc) as requirment . All complete and accepted by the Engineer-in-charge.	1.00	Each	2,500.000	2,500.000
Total Amount Tk.=						497,606.583

In Word: Four Lakh Ninty Seven Thousand Six Hundred & Six Point Five Eight Three Only.


৩১/০৫/২০২৬
মোঃ ইকবাল হোসেন
উপ-সহকারী প্রকৌশলী
সাঃ পাঃ শোঃ (রক্ষনাবেক্ষন)
ঢাকা ওয়াশা।


৩১/০৫/২৬
মোঃ সাফিউল আলম
সহকারী প্রকৌশলী
সাঃ পাঃ শোঃ (রক্ষনাবেক্ষন)
ঢাকা ওয়াশা।


৩১/০৫/২০২৬
মোঃ মোস্তাকিম হোসেন
নির্বাহী প্রকৌশলী
স্বয়ংসহায়তা পানি পোষণাগার (রক্ষনাবেক্ষন)
ঢাকা ওয়াশা।