



ঢাকা পানি সরবরাহ ও পয়ঃ নিষ্কাশন কর্তৃপক্ষ
নির্বাহী প্রকৌশলীর কার্যালয়
মডস জোন-১০
মিরপুর বাংলা কলেজ, মিরপুর - ১, ঢাকা।



শেখ হাসিনার মূলনীতি
গ্রাম শহরের উন্নতি

Print Date: 01-JAN-2024 03:55:03

Name of Works : Repairing of 03 (Three) Nos RCC gate valve chamber at DMA-1006 area and construction of meter testing network at Office compound pump under MODS Zone-10.
Repairing of 03 (Three) Nos RCC gate valve chamber at DMA-1006 area and construction of meter testing network at Office compound pump under MODS Zone-10.

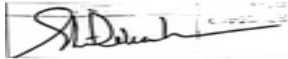
Item Sl No	Group	Item Code (PWD)	Description of Items	Quantity	Unit	Unit Rate (BDT)	Total Amount (BDT)
1	Civil	6	Dismantling of existing R.C.C Slab and adjacent road.	1	Nos	25,000.000	25,000.000
2	Civil	7	Site Cleaning, Removal debris to safe distance and Site Safety Fencing work. all complete and accepted by the Engineer-in-charge.	1	L/S	30,000.000	30,000.000
3	Civil	8	Supplying and Fare of M.S Plate for vehicle passing over the road (10 days)	3	Nos	7,500.000	22,500.000
4	Civil	9	Fitting & Fixing of 315mm Gate Valve, Road Cutting tools, Instruments supply & Mobilization etc.	2	L/S	12,000.000	24,000.000
5	Civil	1	Layout and marking for earthwork in excavation in foundation accepted by the Project Manager. [Plinth area of the structure shall be considered for measurement]	150	Sqm	9.000	1,350.000
6	Civil	2	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:2:4 having maximum water cement ratio = 0.40 and minimum f'_{cr} = 30.5 MPa, satisfying a specified compressive strength f'_c = 22 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 maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing in 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering). Individual & combined footing, pile cap, raft/mat, floor slab and foundation beam up to plinth level.	4.47	Cum	13,504.001	60,362.884
7	Civil	10	Supply and installation of MS Short piece 8'-3" with	1	Nos	16,765.000	16,765.000

Item Sl No	Group	Item Code (PWD)	Description of Items	Quantity	Unit	Unit Rate (BDT)	Total Amount (BDT)
			flanch both side.				
8	Civil	11	Supply and installation of MS Short piece 3'-4" with flanch both side.	1	Nos	9,170.000	9,170.000
9	Civil	12	Supply and installation of MS Short piece 2'-0" with flanch both side.	1	Nos	7,000.000	7,000.000
10	Civil	13	Supply and installation of MS Short piece 1'-4" with flanch both side.	2	Nos	5,900.000	11,800.000
11	Civil	14	Supply and installation of MS Tee 200mmX150mmX200mm.	1	Nos	16,750.000	16,750.000
12	Civil	15	Supply and installation of MS reducer 200mmX150mm.	1	Nos	6,000.000	6,000.000
13	Civil	16	Supply and installation of HDPE 200mm stub end.	7	Nos	2,700.000	18,900.000
14	Civil	17	Supply and installation of 200mm MS Flunch.	14	Nos	1,950.000	27,300.000
15	Civil	18	Supply and installation of 200mm Gascate .	24	Nos	320.000	7,680.000
16	Civil	19	Supply and installation of 150mm Gascate .	8	Nos	260.000	2,080.000
17	Civil	20	Supply and installation of Nut bolt.	112	Nos	105.000	11,760.000
18	Civil	21	Supply and installation of bond plate.	2	Nos	1,250.000	2,500.000
19	Civil	22	Blank Packet.	120	Nos	16.000	1,920.000
20	Civil	23	Welding machine hire, caring and others.	1	L/S	18,000.000	18,000.000
21	Civil	24	Send filling	1	Trip	3,600.000	3,600.000
22	Civil	3	FORM WORK (Steel). 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 for: In raft/mat/floor slab up to plinth level.	17.67	Sqm	587.000	10,372.290
23	Civil	4	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% and 8% respectively : up to ground floor.	947.45	Kg	100.000	94,745.000
24	Civil	5	Minimum 19mm thick cement sand (F.M-1.2) water proof, damp proof, dry and breathable plaster (1:4) with water proof Izonil Cement (STN-EN -1015-11 , Compressive Strength 34 MPa ,Max depth of water penetration into hardened plaster is < 1 mm) /equivalent compound to wall surface, finishing the corner and edges including washing of sand, cleaning the surface, scaffolding and curing at least for 3 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer -in-charge.	21.18	Sqm	830.000	17,579.400

Item Sl No	Group	Item Code (PWD)	Description of Items	Quantity	Unit	Unit Rate (BDT)	Total Amount (BDT)
			(Izonil Cement/equivalent compound: Water proof, damp proof, dry and breathable cement).				
		Total=					4,47,134.574
In Word: Four Lakhs Forty-Seven Thousand One Hundred Thirty-Four Taka And Fifty-Seven Paisa Only.							



28-12-2023 16:09:39
Manik Chandra Mohanayok
Sub-Assistant Engineer



01-01-2024 15:39:56
MD. SHAFIK AHMMED KHAN
Executive Engineer