ঢাকা পানি সরবরাহ ও পয়: নিষ্কাশন কর্তৃপক্ষ
নির্বাহী প্রকৌশলীর কার্যালয়
ভান্ডার বিভাগ
ভান্ডার বিভাগ, ঢাকা ওয়াসা। কদম তলী, ঢাকা-১২০৪।

FIRST AND FINAL

Measurement Book

কাজের ধরণ : **Repair, maintenance and painting of External Wall and Common Space (Stair Case) at Chandana and Payra Building of Pagla Staff Quarters.**

সরবরাহকারী প্রতিষ্ঠানের নাম : **M/S. Pioneer Enterprise**

কার্যাদেশ নং : 46.113.443.00.00.847.2025-354 তারিখঃ 06/11/2025

চুক্তি নং : 46.113.443.00.00.847.2025-76 তারিখঃ 05/11/2025

বিবরণ,

#	Item	Unit	Qty	Rate (TK)	Bill Amount (TK)
1	Stripping of unserviceable plaster including racking out joints, cleaning etc.	SFT	260.4	31.001	8,072.660
2	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to dado with cement (1:4) up to 150 mm including washing of sand, finishing the edges and corners and 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/B-M) Ground floor.	Sqm	276.02	395.001	1,09,028.176
3	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:1.25:2.5 having maximum water cement ratio = 0.40 and minimum f'cr = 40.5 MPa, satisfying a specified compressive strength f'c = 32 MPa at 28 days on standard cylinders as per standard practice of Code ACI/ BNBC, Cement conforming to BDS EN-197-1-CEM-I, 52.5N, and adding approved high range water reducing admixture of complying specific type (generally be Type-G) under ASTM-C 494, best quality coarse sand [Sylhet sand or coarse sand of equivalent F.M. 2.2], 20 mm down well graded crushed stone chips conforming to ASTM C-33 (Aggregate grading as per table shown in technical specification), including conducting necessary tests, screening sand through proper sieves, 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 and 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. Cornice, railing, drop wall, louver, fins, sunshade, false ceiling, waffle and ribbed floor slab etc. up to ground floor	Cum	4.75	16,409.001	77,942.755
4	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane, to	Sqm	18.22	541.001	9,857.038

	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 : Sunshade, false ceiling: ground floor				
5	Supplying, fabrication and fixing to detail as per design : ribbed or deformed bar reinforcement (excluding laboratory test fees) for Reinforced concrete, produced and marked in accordance with BDS ISO 6935-2:2016 (or standard subsequently released from BSTI) including straightening and cleaning rust, if any, bending and binding in position with supply of G.I. wires, conducting necessary laboratory tests etc. (excluding splices or laps) complete in all respect and accepted by the Engineer-in-charge (Measurement shall be recorded only on standard mass per unit length of bars, while dia of bars exceeds its standard) 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.	Kg	119	121.001	14,399.119
6	Premium synthetic enamel paint of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container, having high water resistance, high bondibility, flexibility property; using specified brand thinner applying to metallic or wooden surface by brass/roller/spray in two coats over single coat anti-corrosive coating including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, all complete in all floors and accepted by the Engineer-in-charge.	Sqm	43	238.001	10,234.043
7	Site Cleaning	Job	1	4,000.001	4,000.001
8	Interior standard acrylic emulsion paint (plastic or matt finish) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling 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 interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray& necessary scaffolding etc. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors and accepted by the Engineer-in-charge	Sqm	130.2	258.001	33,591.730
9	Exterior premium acrylic emulsion paint of approved best quality and color with high performance against dirt picking tendency and efflorescence resistance properties	Sqm	781.2	298.001	2,32,798.381

	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. up to desired finishing, elapsing specified time for drying or recoating; all complete in all floors and accepted by the Engineer-in-charge.				
				Total :	**4,99,923.903**
				Deduction 3% Less :	**14,997.718**
				Grand Total :	**4,84,926.185**
				Grand Total (Round) :	**4,84,926.000**

In Words: Four Lakhs Eighty-Four Thousand Nine Hundred Twenty-Six Taka Only.

This is to certify that the contractor has no demand in cash or kind against this work except this final bill. No excess payment is being made to the contractor on payment of this bill. No further payment will be made to the contractor. The work has been completed within the stipulated time and as per specifications.

Bill calculation is not completed yet!

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