

PROJECT : IMPROVEMENT OF THE FUTURE RICE PUBLIC TOILET AND SHEDS
SUBJECT : BILL OF QUANTITIES
LOCATION : PHILRICE - CES, MALIGAYA, SCIENCE CITY OF MUÑOZ, NUEVA ECIJA

SCOPE OF WORKS AND FEATURES

- SITE WORKS**
 - Site clearing (Removal/Dismantling of the ff: T&B fixtures, Doors and Windows, Electrical Devices/Fixtures, Partially Demolition of Walls, Chipping of floors and Concrete blocks
Note: Clean and Re-use Lavatory, Water Closet, Windows and Concrete Blocks
 - Backfill and Compaction Works
 - Earthfilling Works (Gravel and Sand Fill prior installation of concrete blocks
- CONCRETE WORKS**
 - Concreting of slab-on-grade at T&B floor prior tile works
 - Concreting of wall footing
- REINFORCING STEEL BARS**
 - 10mm dia. DRSB for CHB laying and ties for footing
 - 12mm dia. DRSB for main bars of wall footing
 - 16mm dia. DRSB for reinforcement of bamboo wall
- MASONRY WORKS**
 - Laying of 4" CHB
 - Plastering and wall restoration
- TILE WORKS**
 - 30cm x 30cm Diagonal Lay-out for T&B floor
- BAMBOO WORKS**
 - Bamboo design for walls with 16mm dia. Frame and ceiling with 1" x 2" wood framing
- DOORS AND WINDOWS**
 - Remove and replace existing door with new flash door paint finish inside and bamboo slats design outside
 - Remove existing window and re-install with its new elevation
- PLUMBING WORKS**
 - Replacement of flush mechanism for water closet
 - Installation of 3-way valve and sanitary bidet with S/S flexible hose
 - Replacement of faucet and p-trap fixture for lavatory
 - Installation of new S/S floor drain
 - Installation of new shower head and shower valve
 - Installation of plastic faucet at urinal area
 - Supply and install new T&B accessories and water line for Gender Neutral Restroom and Foot Wah Area
- PAINTING WORKS**
 - Latex paint for ceiling and wall
 - QDE paint for door jamb and panel and roof frame
 - Clear sealer for bamboo design and wood framing
- ELECTRICAL WORKS**
 - Removal of existing outlets, switches and lighting fixtures
 - Installation of new lighting fixtures and wide series switches
- ROOF FRAME EXTENSION FOR TWO SHEDS (Including Public Toilet Roof and Foot Wash Steel Cover)**
 - Installation of c-purlins fascia board for public toilet roof
 - Extension of roof trusses and additional c-purlins at sheds (2-units)
 - Installation of c-purlins fascia board at sheds (2-units)
 - Repainting of roof trusses, c-purlins and fascia boards
 - Fabrication of steel grating cover for foot washing area
- OTHERS**
 - Professional Fees / PPEs, Signages, etc.
 - Supply/Fabricate additional concrete blocks and laying of concrete blocks on its new base and elevation
 - Construction of additional height for septic vaults
 - Declogging of water lines prior installation of fixtures and declogging of floor drain at urinal area

Item no.	Description	QUANTITY	UNIT	MATERIAL COST	LABOR COST	ESTIMATED DIRECT COST	OCM	PROFIT	VAT (5%)	TOTAL INDIRECT	TOTAL COST	UNIT COST
I.	SITE WORKS											
	Site Clearing	1.00	lot									
	Excavation and Backfill Works	± 2.50	cu.m.									
	Earthfill Works	± 13.5	cu.m.									
	TOTAL											
II.	CONCRETE WORKS											
	Portland Cement, Washed Sand (S-1), Crushed Gravel 3/4, Consumables (Formworks, CWN, etc)	± 2.50	cu.m.									
	TOTAL											
III.	REINFORCING STEEL BARS											
	10mm Dia. RSB, 12mm Dia. RSB, 16mm Dia. RSB x 6meters, Consumables (Tie Wire, CWN, etc)	1.00	lot									
	TOTAL											
IV.	MASONRY WORKS											
	4" CHB, Portland Cement, Washed Sand (S-1), 10mm Dia. RSB x 6meters, Consumables (CWN, etc)	± 15.0	sq.m.									
	TOTAL											
V.	TILE WORKS											
	30cm x 30cm Floor Tiles, Tile Adhesive, Consumables (Tile Grout, Tile Adhesive, etc)	± 9.0	sq.m.									
	TOTAL											
VI.	BAMBOO WORKS											
	1" x 2" x 10' wood frame for ceiling, 2" dia. x 8' matured bamboo poles, Consumables (Nylon tie ropes/straps, String, etc)	1.00	lot									
	TOTAL											
VII.	DOORS AND WINDOWS											
	Flush Door with Jamb and Bamboo Finish Outside, Bearing Type Hinges, Keyless Cylindrical Lockset "Yale or Approved Equal", Window restoration (Transfer 0.50meter high), Consumables (Finishing Nail, Wood Glue, etc)	1.00	lot									
	TOTAL											
VIII.	PLUMBING WORKS											
	Dual Flush White Tone Water Closet, Urinal and Flush Valve with Complete Accessories, Wall Hung Lavatory, Water Closet Flush Mechanish, S/S Floor Drain, Sanitary Bidet with S/S Flexible Hose and 3-way angle Valve, Lavatory Faucet and P-Trap Fixtures, Shower Head and Valve, Plastic Faucet for Urinal, 4" Orange Moldex PVC Pipe (S-1000), 2" Orange PVC Pipe (S-1000), 4" PVC Wye, PVC Wye Reducer, 2" PVC Elbow, New PPR water line for Gender Neutral Restroom and Foot Washing Area, Consumables (Teflon, PVC Cement, etc)	1.00	lot									
	TOTAL											

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