



Masaganang Agrikultura,
Maunlad na Ekonomiya

Republic of the Philippines
Department of Agriculture
BUREAU OF SOILS AND WATER MANAGEMENT
SRDC Building Elliptical Road corner Visayas Avenue,
Diliman, Quezon City 1101
customers.center@bswm.da.gov.ph
Tel. no. (632) 8273-2474 local 3202

**BSWM- BIDS AND AWARDS COMMITTEE
SUPPLEMENTAL BID BULLETIN NO. 1**

**CONTRACT: RENOVATION PROJECT FOR BSWM BUILDING FOR CY
2023- IB NO: BSWM-2023-11-067**

This Addendum is being issued in accordance with Section 22.5.2 of the IRR of RA 9184, to clarify and modify some provisions of the Bidding Document. **THIS SHALL FORM AN INTEGRAL PART OF THE BID DOCUMENT.**

Additional requirement as part of technical proposal: **Certificate of Site Inspection**

Schedule of Site Inspection: December 4, 2023, 1:30PM,
BSWM, Diliman, Quezon City

Please coordinate with **Mr. Crisaldo C. Solano**, Head, BSWM Building and Ground Administration at 8-529-7640 loc 106 or email us at bac@bswm.da.gov.ph.

Attachment/s;

Scope of Work;
Bill of Quantities.

For guidance and information of all concerned.

(Sgd)DENISE A. SOLANO
BAC Chairperson



ISO/IEC 17025: 2017

LA-2016-299B LA-2023-423A
ATEL-1-1021-299B Soil and Water Resources
Laboratory Services Division Research Division

DEPARTMENT OF AGRICULTURE
BUREAU OF SOIL AND WATER MANAGEMENT
Visayas Avenue, Diliman Quezon City

Project Title : Renovation of various areas in BSWM
Owner: Bureau of Soil and Water Management
Location : Visayas Avenue, Quezon City

Item	Description	Qty	Unit	Unit Price	Material Unit Cost	Labor Cost	Total Amount
I. GENERAL REQUIREMENTS							
a	Mobilization/ Demobilization / Hauling of Debris	1.00	L.S.	100,000.00	70,000.00	30,000.00	100,000.00
b	Temporary Facilities, Project Signages, Necessary Permits, and COA signages	1.00	L.S.	75,000.00	52,500.00	22,500.00	75,000.00
c	Health & Safety Requirements	1.00	L.S.	15,000.00	10,500.00	4,500.00	15,000.00
	Sub-Total Amount, I						190,000.00
II. Site Clearance and Clean Up							
a	Clearing and restoration of the area at the end of the contract	1.00	L.S.	75,000.00	45,000.00	30,000.00	75,000.00
	Sub-Total Amount, II						75,000.00
III. Civil Works							
Equipment Rentals							
a	Scaffolding and Accessories Erection/Dismantling and Rentals (Per Month for 7 Months)	605.00	Set	250.00	1,058,750.00		1,058,750.00
	Sub-Total Amount, III						1,058,750.00
Dismantling Works							
* Mostly Labor, Tools, Equipment, and Safety Harnesses							
a	Removal of Existing Tiles in Upper Dining (Buffet room)	40.00	sqm	400.00	80.00	320.00	16,000.00
b	Removal of delapidated gutters for replacement (Elevator shaft, gas tank room, front canopy, dormitory side, and the area/gap going to the convention hall)	528.00	lm	400.00	80.00	320.00	211,200.00
c	Removal of Ridge Cap for replacement (Main Building Roof)	65.00	lm	400.00	80.00	320.00	26,000.00
d	Removal of All other roofing accessories (for replacement or rehabilitation)	1.00	L.S.	90,000.00	18,000.00	72,000.00	90,000.00
e	Chipping of Roof Deck (Skylight Area)	210.00	sqm	400.00	80.00	320.00	84,000.00

f		Removal of affected ceiling for replacement	95.00	sqm	200.00	40.00	160.00	19,000.00
		Sub-Total Amount, III						446,200.00
Preparation, Refurbising, and Painting Works								
a		Surface preparation of existing concrete flooring prior to Resin Flooring application (labor and using minor materials) (buffet room)	40.00	sqm	200.00	120.00	80.00	8,000.00
b		Surface preparation of existing concrete surfaces prior to water proofing (labor and using minor tools and provision for safety harnesses)	697.20	sqm	400.00	240.00	160.00	278,880.00
c		Surface preparation of Metal Framing (sky lights, removal of dilapidated silicones and old paint) (labor and using minor materials)	1.00	lot	45,000.00	9,000.00	36,000.00	45,000.00
d		Cleaning/Surface Preparation and Painting of BSWM Exterior Walls	10,775.00	sqm				
		Neutralizer	200.00	gal	800.00	800.00		160,000.00
		Latex, Flat	120.00	pail	2,400.00	2,400.00		288,000.00
		Masonry Putty	50.00	pail	1,400.00	1,400.00		70,000.00
		Latex, Semi Gloss	220.00	pail	2,800.00	2,800.00		616,000.00
		Acry Color	50.00	liters	210.00	210.00		10,500.00
		Concrete Sealer	14.00	gal	1,800.00	1,800.00		25,200.00
		Assorted Paint rollers, Assorted Paint Brushes, Paint Trays, Sand Papers, Steel Brush	1.00	lot	70,000.00	70,000.00		70,000.00
		Labor	1.00	lot	500,000.00		500,000.00	500,000.00
e		Resealing of Roofing of Main Building	1,250.00	sqm				
		Roof sealant	50.00	liters	500.00	500.00		25,000.00
		Resealing of Roofing of Main Building (Labor)	1.00	lot	10,000.00		10,000.00	10,000.00
f		Painting and Resealing of Roof (Elevator Shafts, Special Gas Tank Room, Convention Hall, Canteen, Dormitory)	1,800.00	sqm				
		Metal Primer	90.00	gal	1,500.00	1,500.00		135,000.00
		Acrylic Paint	90.00	gal	1,000.00	1,000.00		90,000.00
		Roof sealant	40.00	liters	500.00	500.00		20,000.00
		Assorted Paint rollers, Assorted Paint Brushes, Paint Trays, Sand Papers, Steel Brush	1.00	lot	20,000.00	20,000.00		20,000.00
		Labor	1.00	lot	110,000.00		110,000.00	110,000.00

g		Refurbishing/ Declogging of Existing Downspouts inc replacement of missing drain pipe covers inc painting (Visayas Avenue Side, Fish Pond Open Area, Phil. Info Agency Side, Dormitory Side)	1,622.00	lm				
		Silicone Sealant for metal	100.00	tubes	500.00	500.00		50,000.00
		Metal Primer	120.00	gal	1,500.00	1,500.00		180,000.00
		Acrylic Paint	120.00	gal	1,000.00	1,000.00		120,000.00
		Assorted Paint rollers, Assorted Paint Brushes, Paint Trays, Sand Papers, Steel Brush	1.00	lot	35,000.00	35,000.00		35,000.00
		Metal Drain Covers	1.00	lot	10,000.00	10,000.00		10,000.00
		Labor	1.00	lot	180,000.00		180,000.00	180,000.00
h		Refurbishing of Skylight (Painting of metal frame and replacement of worn out silicone)	3.00	Unit				
		Silicone Sealant for metal	15.00	tubes	1,000.00	1,000.00		15,000.00
		Metal Primer	15.00	gal	1,500.00	1,500.00		22,500.00
		Acrylic Paint	15.00	gal	1,000.00	1,000.00		15,000.00
		Assorted Paint rollers, Assorted Paint Brushes, Paint Trays, Sand Papers, Steel Brush	1.00	lot	5,000.00	5,000.00		5,000.00
		Labor	1.00	lot	25,000.00		25,000.00	25,000.00
		Sub-Total Amount, Preparation and Refurbishing Works						3,139,080.00
Installation Works								-
	k.1.	Installation of 4" PVC downspout including pipes, adaptors, bends, Pipe Support/Hanger and Drain covers	1,622.00	lm				
		4" PVC pipe	560.00	pcs	500.00	500.00		280,000.00
		4" adaptor	300.00	pcs	210.00	210.00		63,000.00
		4" elbows	300.00	pcs	210.00	210.00		63,000.00
		Metal hanger/support	300.00	pcs	210.00	210.00		63,000.00
		drain covers	150.00	pcs	210.00	210.00		31,500.00
		adhesive	500.00	can	210.00	210.00		105,000.00
		labor	1.00	lot	250,000.00		250,000.00	250,000.00

	k.2.	Installation of pre-painted ridge cap flashing (Main Building)	65.00	lm				
		Pre-painted ridge cap flashing ga. 26 (assorted) including metal hangers	60.00	pcs	1,200.00	1,200.00		72,000.00
		Silicone Sealant for metal	5.00	tubes	1,000.00	1,000.00		5,000.00
		Tekscrews	1,075.00	pcs	2.50	2.50		2,687.50
		Labor	1.00	lot	35,000.00		35,000.00	35,000.00
	k.3.	Installation of pre-painted gutters (Elevator Shafts, Gas Tank Room, Front Canopy, Dormitory Side, and the area/gap going to the Convention Area)	528.00	lm				
		Pre-painted Gutter ga. 26 (assorted) including metal hangers	250.00	pcs	1,200.00	1,200.00		300,000.00
		Silicone Sealant for metal	5.00	tubes	1,000.00	1,000.00		5,000.00
		Tekscrews	1,971.00	pcs	2.50	2.50		4,927.50
		Labor	1.00	lot	140,000.00		140,000.00	140,000.00
	k.4.	Installation of pre-painted wall flashing at buffet room	18.00	lm				
		Pre-painted wall flashing ga. 26	9.00	pcs	900.00	900.00		8,100.00
		Silicone Sealant for metal	3.00	tubes	1,000.00	1,000.00		3,000.00
		Tekscrews	550.00	pcs	2.50	2.50		1,375.00
		Labor	1.00	lot	7,500.00		7,500.00	7,500.00
		Ceiling works, metal furrings and fiber cement boards (affected Areas)	55.00	sqm				
		metal furrings	25.00	pcs	200.00	200.00		5,000.00
		wall angle	15.00	pcs	150.00	150.00		2,250.00
		Fiber cement board	20.00	pcs	900.00	900.00		18,000.00
		Latex, Flat	4.00	gal	1,000.00	1,000.00		4,000.00
		Latex, Semi Gloss	4.00	gal	1,000.00	1,000.00		4,000.00
		Assorted Paint rollers, Paint Trays, Sand Papers, Assorted Paint Brushes	1.00	lot	2,000.00	2,000.00		2,000.00
		Installation and painting of Ceiling (labor)	1.00	lot	25,000.00		25,000.00	25,000.00
	k.5.	Application of Resin Flooring at Buffet room	40.00	sqm	5,000.00	3,500.00	1,500.00	200,000.00

	k.6.	Waterproofing and Resloping of Roofdeck (skylight area)	210.00	sqm				
		Concrete Sealer	10.00	gal	1,800.00	1,800.00		18,000.00
		Cementitious Water Proofing	70.00	gal	3,000.00	3,000.00		210,000.00
		White sand	2.00	cu m	3,000.00	3,000.00		6,000.00
		Cement bags	50.00	bags	290.00	290.00		14,500.00
		Labor	1.00	lot	500,000.00		500,000.00	500,000.00
	k.7.	Waterproofing of concrete ledge	487.20	sqm				
		Concrete Sealer	30.00	gal	1,800.00	1,800.00		54,000.00
		Cementitious Water Proofing	180.00	gal	3,000.00	3,000.00		540,000.00
		white sand	6.00	cu m	3,000.00	3,000.00		18,000.00
		cement bags	120.00	bags	290.00	290.00		34,800.00
		labor	1.00	lot	260,000.00		260,000.00	260,000.00
	k.7.	Installation of 6" PVC downspout including Pipes, adaptors, bends, Pipe Support/Hanger and Drain covers (at front canopy)	12.00	lm	2,500.00	1,750.00	750.00	30,000.00
		6" PVC pipe	4.00	pcs	3,000.00			12,000.00
		6" adaptor	2.00	pcs	1,500.00			3,000.00
		6" elbows	2.00	pcs	1,500.00			3,000.00
		drain covers	2.00	pcs	210.00			420.00
		adhesive	4.00	can	210.00			840.00
		labor	1.00	lot	15,000.00		15,000.00	15,000.00
		sub-total Amount, Installation Works						3,419,900.00

IV Mechanical Works								
	a.1.	Removal of Motor for Steel Roll Up Gate	1.00	lot	20,000.00	4,000.00	16,000.00	20,000.00
	a.2.	Replacement and installation of Motor for Steel Roll up Gate	1.00	lot	500,000.00	350,000.00	150,000.00	500,000.00
	a.3.	Refurbishing of Steel Roll Up Gate	1.00	lot	30,000.00	21,000.00	9,000.00	30,000.00
		Sub-total Amount, IV						550,000.00
Total Unit Cost								8,878,930.00
Direct Cost (Materials and Labor)								8,878,930.00
Indirect Cost 21% (OCM and contractors profit)								1,864,575.30
Taxes 12%								1,289,220.64
Total Contract Amount (D.C. + I.C.)								12,032,725.94

DEPARTMENT OF AGRICULTURE
BUREAU OF SOIL AND WATER MANAGEMENT
Visayas Avenue, Diliman Quezon City

Project Title : Renovation of Director's Office Receiving Area (Lobby Design)
Owner: Bureau of Soil and Water Management
Location : Visayas Avenue, Quezon City

DESCRIPTION	QTY	MATERIAL COST			LABOR COST		TOTAL
	# Units	UM	P/Unit	Total	P/Unit	Total	
I. Preliminary Works							
Survey layout & Chalk line	40.65	sq.m.	100.00	4,065.00			4,065.00
Personal Protective equipment (PPE's)	6.00	sets	1,250.00	7,500.00			7,500.00
Total Cost of Preliminary Works				11,565.00			11,565.00
II. Ceiling Works							
A. Gypsum Ceiling	30.00	sq.m.					
Carrying Channel 12mmx38x1.0x5M	10.00	pc	554.00	5,540.00			
Furring Channel (hat type) 19mm x 50mm x 0.60 x 5M	18.00	pc	510.00	9,180.00			
Wall Angle 3M.	6.00	pc	126.00	756.00			
Steel angle	2.00	pc	384.00	768.00			
W Clip (G.I.)	4.00	pc	384.00	1,536.00			
Rod Joiner	4.00	pc	384.00	1,536.00			
Hanger Rod #8	2.00	kg	51.00	102.00			
Blind Rivets 1/8x3/8	6.00	box	76.00	456.00			
Gypsum board moisture res. 12mm	18.00	pcs	490.00	8,820.00			
Mesh Tape 2" x 230"	3.00	roll	51.00	153.00			
Joint Compound - 28kg/pail	3.00	pail	38.00	114.00			
Gypsum screw #6	4.00	box	265.00	1,060.00			
Scouring Knife	4.00	pc	50.00	200.00			
Drill bit 1/8"	5.00	pc	63.00	315.00			
Screw bit #2	5.00	pc	51.00	255.00			
Total Cost of Ceiling Works				30,791.00		21,167.00	51,958.00
III. Drywall Works							
Metal Studs	30.00	pcs	300.00	9,000.00			
Metal Tracks	13.00	pcs	190.00	2,470.00			
Concrete nail	4.00	kgs	45.00	180.00			
Blind Rivets 1/8x3/8	4.00	box	76.00	304.00			
Gypsum board moisture res. 12mm	16.00	pcs	620.00	9,920.00			
Mesh Tape 2" x 230"	5.00	roll	51.00	255.00			
Joint Compound - 28kg/pail	3.00	pail	280.00	840.00			
Gypsum screw #6	6.00	box	265.00	1,590.00			
Scouring Knife	5.00	pcs	50.00	250.00			
Drill bit 1/8"	5.00	pcs	63.00	315.00			
Screw bit #2	5.00	pcs	51.00	255.00			
Total Cost of Drywall Works				25,379.00		15,507.40	40,886.40
IV. Reception Desk							
Melamine HPL Laminated 25mm thk with cabinet carcass	1.00	assy	86,998.00	86,998.00			
Office Chair	2.00	pcs	8,150.00	16,300.00			
Total Cost of Reception Desk				103,298.00		65,761.11	169,059.11
V. Floor Finishes							
Carpet Tiles 6'x8'	4.00	pcs	6,800.00	27,200.00			
Total Cost of Floor Finishes				27,200.00		10,996.10	38,196.10

VI Painting Works							
A. Ceiling - Gypsum board	30.00	sq.m.					
flat latex (primer)	3.00	gal	620.00	1,860.00			
semigloss latex (top coat)	5.00	gal	656.00	3,280.00			
tinting color	2.00	can	55.00	110.00			
patching compound	3.00	kgs	30.00	90.00			
sand paper	12.00	pcs	15.00	180.00			
paint brush	4.00	pcs	55.00	220.00			
Paint Roller	2.00	pcs	110.00	220.00			
Roller Pan	2.00	pcs	90.00	180.00			
Waste Cloth	2.00	kgs	50.00	100.00			
Sub-Total Cost of Painting Works - Gypsum				6,240.00		5,537.35	11,777.35
B. Wall - Interior masonry	55.00	sq.m.	35.00				
flat latex (primer)	4.00	gal	620.00	2,480.00			
semigloss latex (top coat)	6.00	gal	656.00	3,936.00			
Concrete Neutralizer	4.00	liter	200.00	800.00			
tinting color	2.00	can	55.00	110.00			
patching compound	4.00	kgs	30.00	120.00			
sand paper	16.00	pcs	15.00	240.00			
paint brush	4.00	pcs	55.00	220.00			
Paint Roller	4.00	pcs	110.00	440.00			
Roller Pan	4.00	pcs	90.00	360.00			
Waste Cloth	3.00	kgs	50.00	150.00			
Sub-Total Cost of Painting Works - Interior				8,856.00		5,845.10	14,701.10
VII Furnitures							
L Type Sofa 2.50x2.50m	1.00	set	41,889.00	41,889.00			
Foot Stool Chair	1.00	set	2,889.00	2,889.00			
Center/Coffee Table 600mmX1000mm	1.00	set	8,611.00	8,611.00			
Side Table 500mmX400mm	1.00	set	2,950.00	2,950.00			
Console table 400mmX2000mm	1.00	set	9,450.00	9,450.00			
Plant Stand (Single)	2.00	set	1,650.00	3,300.00			
Total Cost of Furniture				69,089.00		25,635.75	94,724.75
VIII Electronics Equipment							
Vending Machine - Snacks & Beverage (Drop Style:20 Snacks 9 Drink Rack)	1.00	set	399,000.00	399,000.00			
Ultra HD LED Smart TV - 43"	1.00	set	41,990.00	41,990.00			
TV Rack	1.00	set	2,750.00	2,750.00			
Entertainment System Soundbar	1.00	set	16,990.00	16,990.00			
Ceiling Fan	2.00	set	9,680.00	19,360.00			
Total Cost of Electronics Equipment				480,090.00		86,032.85	566,122.85
IX Wall Cladding System							
Signages	1.00	set	55,000.00	55,000.00			
Aluminum Cladding	15.25	sq.m.	4,270.00	65,117.50			
Composite Panel PVDF 4mm thk							
Wall Accent Cladding	10.60	sq.m.	1,870.00	19,822.00			
Total Cost of Wall Cladding System				139,939.50		74,313.75	214,253.25
X Electrical Works							
A. Lighting Fixtures							
LED troffer fixtures, 2x20W	4.00	pcs	2,870.00	11,480.00			
LED recessed round pinlight, 200mm x 8W	6.00	pcs	1,400.00	8,400.00			
LED Strip Lighting	16.00	mts	1100.00	17,600.00			
B. Wiring Devices & Other Fixtures							
Convenience outlet, duplex, universal	6.00	set	270.00	1,620.00			
Convenience outlet, single, universal	2.00	set	270.00	540.00			
1 gang cover	2.00	set	70.00	140.00			
2 gang cover	6.00	set	75.00	450.00			
Switch w/ plate,1- gang, wide series	2.00	set	200.00	400.00			
Switch w/ plate,2- gang, wide series	4.00	set	250.00	1,000.00			

DEPARTMENT OF AGRICULTURE
BUREAU OF SOIL AND WATER MANAGEMENT
Visayas Avenue, Diliman Quezon City

PROJECT: Proposed Fit-out of Kitchen/Pantry with Terrace at BSWM Compound

Location: Eliptical Road Cor. Visayas Ave. Diliman Quezon City

DETAILED COST ESTIMATE

DESCRIPTIONS	QTY.	MATERIAL COST			LABOR COST		TOTAL
	# Units	UM	P/Unit	Total	P/Unit	Total	
I. General Requirements							
Clearing	1	lot	6,050.00	6,050.00			6,050.00
Temporary facilities	1	lot	3,300.00	3,300.00			3,300.00
As-built plans	1	lot	6,600.00	6,600.00			6,600.00
Accessories and consumable materials	1	lot	4,000.00	4,000.00			4,000.00
Total Cost of General Requirements				19,950.00			19,950.00
II. Demolition works							
Demolition of masonry works	4	cu.m.			495.00	1,980.00	1,980.00
Removal of existing grills	18	sq.m			320.00	5,760.00	5,760.00
Total Cost of Demolition Works						7,740.00	7,740.00
III. Earthworks							
Excavation (cut and fill)	6.00	cu.m.			495.00	2,970.00	2,970.00
Gravel Bedding	3.00	cu.m.	2,035.00	6,105.00			6,105.00
Backfilling & Compaction	5.00	cu.m.			220.00	1,100.00	1,100.00
Total Cost of Earthworks				6,105.00		4,070.00	10,175.00
IV. Concreting							
Cement	52.00	bags	286.00	14,872.00			
Sand	4.00	m ³	1,870.00	7,480.00			
Crushed Gravel	7.00	m ³	2,035.00	14,245.00			
12 mm. dia. Rebars (commercial size	52.00	pcs.	234.30	12,183.60			
GI tie wire	4.00	kgs.	77.00	308.00			
Total Cost of Concreting Works				49,088.60		14,726.58	63,815.18
V. Formworks							
2" x 3" coco lumber	46.00	bd. Ft.	26.4	1214.4			
2" x 2" coco lumber	68.00	bd. Ft.	26.4	1795.2			
1/2" thk marine plywood (1200x2400)	7.00	pcs.	1094.5	7661.5			
CWN assorted	3.00	kgs.	88	264			
Total Cost of Formworks				10,935.10		3,280.53	14,215.63
VI. Roofing Works							
Pre-painted galvanized roofing sheets	10	pcs.	1,200.00	12000			
Pre-painted galvanized gutter	7	pcs.	430.00	3010			
C-purlins	5	pcs.	520.00	2600			
Tubular Steel	8	pcs.	1,945.90	15567.2			
Roofing screw	190	pcs.	2.50	475			
Fascia board	3	pcs.	350.00	1050			
welding rod	6	kgs.	173.80	1042.8			
Total Cost of Roof works				35,745.00		10,723.50	46,468.50
A. Pantry//Kitchen Steel Frame	25	sq.m.					
1/4x2"x2" Angle Bar	4	pcs.	1,744.60	6,978.40			
1/4x2-1/2"x2-1/2" Angle Bar	3	pcs.	2,147.20	6,441.60			
2' 4"x1.3mm thk Tubular	2	pcs.	1,945.90	3,891.80			
Cutting Disc	4	pcs.	67.10	268.40			
Welding Rod	6	kgs.	173.80	1,042.80			
Flat Bar	1	pcs.	201.30	201.30			
Total Cost of Panty/Kitchen Steel Framing Works				18,824.30		7,531.30	26,355.60

VII. Dry walling							
metal furring	18.00	pcs.	308.00	5,544.00			
metal tracks	10.00	pcs.	220.00	2,200.00			
concrete nails	3.00	kgs.	93.50	280.50			
rivets	138.00	pcs.	3.30	455.40			
fiber cement board	9.00	pcs.	1,386.00	12,474.00			
black screw	2.00	box	150.00	300.00			
Total Cost of Drywalling				21,253.90	2,861.71	24,115.61	
VII.WINDOWS							
2.00x2.00 alum framing glass window	1.00	set	24,320.00	24,320.00			
1.50 x 2.00 alum framing glass window	3	set	21,420	64,260.00			
Total Cost of Windows Works				88,580.00	7,996.00	96,576.00	
IX.CARPENTRY							
Modular shelves	1.00	set	35,750.00	35,750.00			
modular cupboards	1.00	set	8,745.00	8,745.00			
under counter cabinets	1.00	set	10,670.00	10,670.00			
under counter cabinets with drawers	1.00	set	13,805.00	13,805.00			
Total Cost of Carpentry Works				68,970.00	32,301.50	101,271.50	
X. STAINLESS STEEL ASSEMBLY							
Stainless Stell Kitchen Assembly	1	set	74,172.00	74,173.00			
Greece Trap	1	set	7,865.00	7,866.00			
Total Cost of Stainless Steel Assembly				82,039.00	16,407.80	98,446.80	
XI. Restoration Works And							
Painting Works							
A.Wall Surface							
Skim coat	4.00	bags	335.50	1,342.00			
flat latex (primer)	3.00	gal	1,012.00	3,036.00			
semigloss latex (top coat)	4.00	gal	941.60	3,766.40			
tinting colot	3.00	can	71.50	214.50			
patching compound	3.00	kgs.	44.00	132.00			
boral powder putty	3.00	gals	687.50	2,062.50			
sand paper	20.00	pcs.	16.50	330.00			
paint brush	4.00	pcs.	60.50	242.00			
paint roller	3.00	pcs.	132.00	396.00			
roller pan	3.00	pcs.	93.50	280.50			
putty knives	18.00	pcs.	27.50	495.00			
wire brush	3.00	pcs.	55.00	165.00			
reusable paint bucket	3.00	pcs.	242.00	726.00			
masking tape	3.00	rolls	33.00	99.00			
waste cloth	2.00	kgs.	55.00	110.00			
Sub-Total Cost of Painting Works-Masonry				13,396.90	8,038.00	21,434.90	
B.Steel & Metal Paint Finish							
Flat wall enamel	2.00	pail	6,050.00	12,100.00			12,100.00
semi gloss enamel	2.00	pail	6,380.00	12,760.00			12,760.00
QDE Paint, Blue	1.00	pail	5,720.00	5,720.00			5,720.00
Paint thinner	1.00	gal	660.00	660.00			660.00
glazing putty	1.00	pail	3,300.00	3,300.00			3,300.00
brush 4"	5.00	pcs	280.50	1,402.50			1,402.50
brush 3"	5.00	pcs	247.50	1,237.50			1,237.50
Roller bursh with pan 5"	2.00	pcs	319.00	638.00			638.00
Sub-total Cost of Painting Works-steel and metal				37,818.00	18,909.00	56,727.00	
C. Floor finish painting							
Epoxy paint primer	4.00	gals	1,320.00	5,280.00			
epoxy paint finish	6.00	gals	1,595.00	9,570.00			
sand paper	7.00	pcs	16.50	115.50			
paint brush	3.00	pcs	60.50	181.50			
paint roller	2.00	pcs	528.00	1,056.00			
roler pan	2.00	pcs	93.50	187.00			
putty knives	3.00	pcs	27.50	82.50			
wire brush	2.00	pcs	55.00	110.00			
reusable paint bucket	2.00	pcs	242.00	484.00			
masking tape	2.00	rolls	33.00	66.00			
waste cloth	2.00	kgs	55.00	110.00			
Sub-total Cost of Painting Works-Floor finish				17,242.50	8,684.21	25,926.71	
				469,948.30	143,270.13	613,218.43	

I. Direct Cost							
A. Material Cost							469,948.30
B. Labor Cost							143,270.13
C. Mobilization/Demob (1% of MC+LC)							6,132.18
Total Direct Cost							
II. TAXES:							
A. E-VAT (12% of Labor Cost)							17,192.42
III. Indirect Cost							
A. Overhead Miscellaneous (8% of TDC)							49,057.47
B. Contingency (4% of TDC)							24,528.74
C. Contractor's Profit (10% of TDC)							61,321.84
Total Direct Cost							152,100.47
APPROVED BUDGET FOR CONTRACT (ABC)							
TOTAL DIRECT COST							765,318.90
APPROVED PROJECT COT (APC)							765,318.90

DEPARTMENT OF AGRICULTURE
BUREAU OF SOIL AND WATER MANAGEMENT
Visayas Avenue, Diliman Quezon City

Project Title : Rehabilitation of BSWM Comfort Rooms
Owner: Bureau of Soil and Water Management
Location : Visayas Avenue, Quezon City

ITEM NO.	DESCRIPTION	QTY.	UNIT	UNIT COST	MATERIAL COST	LABOR COST	TOTAL	FINAL TOTAL
I. PRELIMINARIES								
a.)	Mobilization/Demobilization	1	lot	₱ 15,000.00	₱ 15,000.00		₱ 15,000.00	
								₱ 15,000.00
II. Demolition Works								
a.)	Chipping works for existing tiles	20	sq.m			₱ 250.00	₱ 5,000.00	
b.)	Hauling and Disposal of Debris	1	lot	₱ 5,000.00	₱ 5,000.00		₱ 5,000.00	
c.)	Chipping works for plumbing repair	1	lot			₱ 5,000.00	₱ 5,000.00	
								₱ 15,000.00
III. Structural Works								
a.)	Tile Adhesive	15	bags	₱ 350.00	₱ 5,250.00	₱ 787.50	₱ 6,037.50	
b.)	Concrete	10	bags	₱ 450.00	₱ 4,500.00	₱ 675.00	₱ 5,175.00	
c.)	Sand	20	bags	₱ 100.00	₱ 2,000.00	₱ 300.00	₱ 2,300.00	
								₱ 13,512.50
IV. Door Works								
a.)	Barrel Bolt Lock	4	pcs	₱ 350.00	₱ 1,400.00	₱ 490.00	₱ 1,890.00	
b.)	Door Hinge Stainless Steel 4x4 in	6	pcs	₱ 250.00	₱ 1,500.00	₱ 375.00	₱ 1,875.00	
c.)	Door Knob	2	pcs	₱ 450.00	₱ 900.00	₱ 225.00	₱ 1,125.00	
								₱ 4,890.00
V. Tiling Works								
a.)	Tile Trim	8	pcs	₱ 250.00	₱ 2,000.00	₱ 500.00	₱ 2,500.00	
b.)	Floor Tiles(40cm x 40cm)	60	pcs	₱ 90.00	₱ 5,400.00	₱ 1,890.00	₱ 7,290.00	
c.)	Counter Top Ceramic (60cm x 60cm)	60	pcs	₱ 290.00	₱ 17,400.00	₱ 6,090.00	₱ 23,490.00	
								₱ 33,280.00
VI. Sanitary & Plumbing Works								
VI.I. Sanitary Rough ins								
a.)	2" ø PVC Pipe	20	pcs	₱ 300.00	₱ 6,000.00	₱ 2,100.00	₱ 8,100.00	
b.)	2" ø PVC Elbow	20	pcs	₱ 40.00	₱ 800.00	₱ 280.00	₱ 1,080.00	
c.)	2" ø PVC Tee	20	pcs	₱ 80.00	₱ 1,600.00	₱ 560.00	₱ 2,160.00	
								₱ 11,340.00
VI.II. Plumbing Fixtures								
a.)	Angle Valve	5	pcs	₱ 250.00	₱ 1,250.00	₱ 312.50	₱ 1,562.50	
b.)	Stainless Steel Bidet Set	10	pcs	₱ 800.00	₱ 8,000.00	₱ 1,200.00	₱ 9,200.00	
c.)	Floor Drain	4	pcs	₱ 350.00	₱ 1,400.00	₱ 350.00	₱ 1,750.00	

d.)	P-Trap Set	66	pcs	₱ 600.00	₱ 39,600.00	₱ 13,860.00	₱ 53,460.00	
e.)	Flexible Hose with Brass Valve	8	pcs	₱ 250.00	₱ 2,000.00	₱ 500.00	₱ 2,500.00	
f.)	Lavatory	4	pcs	₱ 2,200.00	₱ 8,800.00	₱ 2,200.00	₱ 11,000.00	
g.)	Lavatory Faucet Top Mount Gooseneck Stainless Steel	15	pcs	₱ 1,800.00	₱ 27,000.00	₱ 6,750.00	₱ 33,750.00	
h.)	Urinal	3	pcs	₱ 4,025.00	₱ 12,075.00	₱ 3,018.75	₱ 15,093.75	
i.)	Brass Type Urinal Flush Valve Set	15	pcs	₱ 1,200.00	₱ 18,000.00	₱ 4,500.00	₱ 22,500.00	
j.)	Toilet Bowl Seat Cover	15	pcs	₱ 870.00	₱ 13,050.00	₱ 1,957.50	₱ 15,007.50	
								₱ 165,823.75
VII. Electrical Works								
a.)	Copper wire, THHN 3.5 sq. mm.	2	roll	₱ 4,800.00	₱ 9,600.00	₱ 1,440.00	₱ 11,040.00	
b.)	Exhaust Fan (Ceiling Mounted)	28	pcs	₱ 1,750.00	₱ 49,000.00	₱ 16,415.00	₱ 65,415.00	
c.)	1/2" mm PVC Flexible Hose (150m)	1	roll	₱ 1,200.00	₱ 1,200.00	₱ 180.00	₱ 1,380.00	
d.)	5/8" PVC Moulding	27	pcs	₱ 85.00	₱ 2,295.00	₱ 367.20	₱ 2,662.20	
e.)	1 Gang Switch with Plate	22	pcs	₱ 110.00	₱ 2,420.00	₱ 363.00	₱ 2,783.00	
f.)	Surface Type Utility Box	22	pcs	₱ 65.00	₱ 1,430.00	₱ 214.50	₱ 1,644.50	
g.)	Wall Fan	9	pcs	₱ 2,300.00	₱ 20,700.00	₱ 3,105.00	₱ 23,805.00	
								₱ 108,729.70
TOTAL UNIT COST								₱ 367,575.95
Direct Cost (Materials and Labor)								₱ 367,575.95
Overhead, Contingencies and Miscellaneous (OCM) and Contractor's Profit (21%)								₱ 77,190.95
TOTAL INDIRECT COST								₱ 444,766.90
Taxes (12%)								₱ 53,372.03
PROJECT COST								₱ 498,138.93



Republic of the Philippines
Department of Agriculture
BUREAU OF SOILS AND WATER MANAGEMENT
SRDC Building Elliptical Road corner Visayas Avenue,
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Tel. no. (632) 8273-2474 local 3202

SCOPE OF WORK FOR LOT 1 RENOVATION OF VARIOUS AREAS IN BSWM

I. BACKGROUND

Over the years, the Bureau of Soils and Water Management (BSWM) building has experienced degradation due to natural wear and tear. To address these issues, a renovation, replacement, repainting, and waterproofing project targeting various areas has been initiated, specifically:

1. Renovation of the Upper Dining Room
2. Refurbishing/Declogging/Repair of existing Downspout and Installation of additional Downspout in Various Areas (Elevator Shaft, Dormitory Area, Drop-off Area, and Convention Area, Main Bldg.)
3. Replacement of Dilapidated Gutter
4. Waterproofing of Roof Deck
5. Refurbishing of Steel Roll Up Gate and Replacement of Electric Motor (Patio Area)
6. Re-painting of BSWM Roofing
7. Re-painting of BSWM building (Exterior)

With this, the project aims to enhance functionality, safety, and to prevent further damage in the specified areas.

II. OBJECTIVES

The objective of this project is to renovate, repair, repaint, waterproof, and replace various dilapidated concerned areas in the BSWM Building that needed attention due to degradation.

III. APPROVED BUDGET FOR THE CONTRACT COST

The total approved budget for the contract ("ABC") for this procurement is **Twelve Million Thirty-Two Thousand Seven Hundred Twenty-Five and 94/100 Pesos (Php 12,032,725.94)**. Please see the attached breakdown of cost estimate for reference.

IV. PROJECT PERIOD

Two Hundred Ten (210) Calendar Days.

V. RESPONSIBILITIES OF THE CONTRACTOR

1. The contractor is required to conduct a site surveys to verify the present condition of the site and determine potential problems that may affect the implementation of the project.



2. The contractor shall provide all necessary resources (services and materials) to complete the project. The contractor is required to submit the corresponding list to declare the personnel, equipment, materials, tools, vehicles, etc. to be deployed in this project.
 - No work shall be initiated until the notice to proceed (NTP) from procuring entity has been issued.
3. The contractor shall only be allowed to work at the site within the approved schedules provided by the Building and Grounds Administration (BGA) unless otherwise agreed upon between Bureau of Soils and Water Management (BSWM), the Contractor and the BGA.
4. The contractor shall provide the materials, tools, safety equipment, labor and other necessary services capable of producing the required quality and quantity of work to complete the project.
 - The contractor shall be responsible for the security of all materials and equipment before and during the project implementation. Materials shall be carefully handled, properly stored, and adequate, defective items shall be replaced without additional cost to Bureau of Soils and Water Management.
 - All workmanship shall be of good quality and performed in accordance to industry standards.
5. All required documents/permits by the building administration prior to the renovation/rehabilitation/waterproofing activity shall be carried out by the contractor, unless noted otherwise agreed.
 - Any permits, insurances, bonds and other necessary fees.
6. The contractor shall assign personnel to attend all project meetings and prepare project status reports. The personnel to be assigned must be professional with the necessary technical skills and experience.
 - Project status reports shall contain the following documents: (1) site photos (before and after renovation); (2) project schedule/gantt chart; (3) work around/ alternative solution or variation of scope

recommendations (if necessary); and (4) any other requested relevant information required to report the progress of performance.

- The contractor is required to submit a project schedule/Gantt chart before initiating work in each designated area or task. The submission date of Project schedule/Gantt chart can be coordinated with the end-user or any duly authorized personnel.
7. The contractor shall always keep the work area free from accumulation of construction debris/scraps/waste materials and organized. Ensure that all the area covered in the statement of work shall be left in a condition that is acceptable to the Building Administration.
8. The contractor shall not conduct any work that is beyond this statement of work. Any work done by the contractor beyond this statement of work and specifications without direction from the authorities will be at the contractor's own risk and at no cost to the BSWM.
- Any variations proposed by the contractor shall submit an official letter and must be approved by the Head of Building and Grounds Administration (BGA) or any duly authorized BSWM personnel.

VI. MANPOWER REQUIREMENT

The contractor shall provide adequate number of duly qualified manpower to perform the class of work stated herein. All manpower shall be authorized, properly trained, equipped organized to perform all works in accordance with the terms and conditions. The key personnel must meet the required minimum years of experience set below:

Key Personnel	Description	Years of experience required	Documents
Project Manager	Licensed Civil Engineer/ Architect	Three (3) years	Curriculum Vitae/ Valid Professional Identification Card Issued by Professional Regulation Commission (PRC)

1. The contractor shall provide Support Staff with a minimum of three (3) years of experience in their respective fields, including but not limited to:
- Foreman
 - Carpenter/s
 - Electrician/s

- Tile Setter/s
- Painter/s

VII. DETAILED SCOPE OF WORK:

Under these specifications, together with the plans/drawings/schedules, the contractor shall supply all labor, materials, tools and equipment, and perform all necessary works to complete the Renovation of Various areas in BSWM.

- a) Renovation of Upper Dining Room (Buffet Room)
 - a.1. Removal of existing tiles and installation of resin flooring.
 - a.2. Removal and installation of roof flashing.
 - a.3. Replacement of damaged ceiling.
- b) Refurbishing/Declogging/Repair of existing downspout and Installation of additional Downspout including pipes, adaptors, bends, pipe support/hanger and drain covers in Various Areas (Elevator 1 and 2 Shafts, Special Gas Storage, Dormitory, Drop-off area, Convention Area, Main Bldg.).
- c) Replacement of Dilapidated Gutter in Various Areas (Elevator 1 and 2 Shafts, Special Gas Storage, Dormitory, Drop-off area, Convention Area, Canteen).
- d) Waterproofing of Roof deck
 - d.1. Renovation of Skylight Area
 - d.1.1. Repair and refurbishing of Skylight Roofing
 - d.1.2. Waterproofing and Re-sloping of Skylight Roof Deck
 - d.2. Waterproofing of Roof Floor Concrete Ledge.
- e) Refurbishing of Steel Roll Up Gate (Patio Area)
 - e.1. Replacement of Electric Motor. (Total number of electric motors=3 units)
- f) Re-painting and Re-sealing of BSWM Roofs
 - f.1. Repainting and Resealing of Roofs (Elevator 1 and 2 Shafts, Special Gas Storage, Dormitory, Canteen, Canteen Stairs, Convention Hall)
 - f.2. Replacement of Main Building Roof's Ridge Cap and resealing of roofing leaks.
- g) Re-painting of BSWM Exterior Walls.

VIII. GENERAL REQUIREMENTS

All works shall include, but shall not be limited to the following:

1. Damage Prevention

- Secure the construction site to prevent illegal entry or work damage during the entire duration of project.
- Comply with the pertinent regulations and adopt safety measures, such as but not limited to enclosures, coverings, off limit signs, and safety barricades surrounding the work area;
- Undertake all necessary precautions to prevent damages to all existing structures, which are to remain and do not require any modification;
- Assume full responsibility for all incurred damages to all existing structures resulting from actual construction; and
- Restore all incurred damages with quality identical to the structures prior to the construction.

2. Demolition Works

- Conduct demolition and removal as necessary to implement renovation;
- Remove damaged ceiling, floor tiles, gutter/downspout, and other roofing accessories;
- Place all unnecessary materials and debris in containers to prevent the accumulation of dust and dirt;
- Remove all debris from the project site as often as necessary.
- Coordinate to the BGA for segregation of remaining materials after the construction; and
- Dispose the material on the basis of segregation.

3. Electrical Works

- Install new electrical wirings, and all necessary connections for identified areas that need replacement;

4. Waterproofing Works

- Preparation of surface area: clean, dry and free from dirt and loose particles before application of waterproofing materials.
- Perform waterproofing to various concerned areas;

5. Roofing Works

- Removal/dismantling of old and dilapidated gutters
- Installation of new gutters
- Replacement of damaged ceiling

6. Tiling Works

- Replace all damaged floor/tiles and replace with high quality flooring or those approved by the BGA or any duly authorized representative.

7. Painting Works

- Implement safety measures, such as but not limited to enclosures, coverings, off limit signs, and safety barricades surrounding the work area;
- Conduct proper surface preparation prior to application of paints;
- Apply environmentally safe, odorless, and anti-bacterial paint;
- Use color that is approved by the BGA or any duly authorized representative
- Tape and cover all other surfaces endangered by stains and paint marks with newspaper or any other applicable materials;

8. Cleaning

- Remove and dispose all dirt and debris and keep work area clean, neat, and orderly at all times during the progress of the work to prevent accidents; and
- Collect and remove all debris from the site daily.

IX. PROJECT SAFETY PROTECTION

1. The project shall be completed within Two Hundred Ten (210) calendar days upon the receipt of Notice to Proceed/ P.O.
 - In case of unacceptable/unjustified delay occur in the completion of the work and exceeds the time duration, BSWM will impose penalty as per government procurement and accounting rules.
2. Term of warranty: 1 year.
 - The contractor shall guarantee that the work it performs shall be free from any defects in workmanship and materials for a period of not less than one (1) year from the date of completion thereof. The contractor shall be responsible for the replacement or repair, without additional charge, of all work done or furnished in accordance with this statement of work, which shall become defective within one (1) year after completion of the work it performs.

X. TERMS OF PAYMENT/ PAYMENT SCHEME

The BSWM shall pay the contracted service provider after the completion of the actual services rendered and upon receipt of the billing statement/ statement of account and other documents required for the processing of payment. Advance payment can be allowed upon request of the contractor subject to government procurement and accounting rules.

XI. RESPONSIBILITIES OF THE END-USER DURING THE PROJECT IMPLEMENTATION

- The End-User Unit in coordination with PMU or any duly authorized representative shall inspect the compliance of contractor to the materials and tools delivered in accordance with the specifications prior to renovation, repair/replacement, and waterproofing.
- The End-User or any duly authorized representative shall supervise the implementation of the project to monitor the progress and compliance of the contractor with the specified methodologies and safety precautions.
- The End-User Unit or its representative shall raise concerns to the contractor if there are found poor workmanships.
- The End-User Unit or its representative shall provide assistance to the contractor throughout implementation, and warranty period as the need arises.

DETAILED SCOPE OF WORK RENOVATION OF VARIOUS AREAS IN BSWM

1. Renovation of Upper Dining Room (Buffet Room)
 - a. Removal of existing tiles and installation of resin flooring. (Total area=40 sq.m)
 - b. Removal and installation of roof flashing. (Total length=18 lm)
 - c. Replacement of damaged ceiling. (Total area=55 sq.m)
2. Refurbishing/Declogging/Repair of existing and Installation of additional Downspout including pipes, adaptors, bends, pipe support/hanger and drain covers in Various Areas (Elevator 1 and 2 Shafts, Special Gas Storage, Dormitory, Drop-off area, Convention Area, Main Bldg.). (Total number of Downspouts=65 units/Total length=1634 lm)
3. Replacement of Dilapidated Gutter in Various Areas (Elevator 1 and 2 Shafts, Special Gas Storage, Dormitory, Drop-off area, Convention Area, Canteen). (Total length=528lm)
4. Waterproofing of Roof deck
 - A. Renovation of Skylight Area

- a.1. Repair and refurbishing of Skylight Roofing (Total number of skylight roof = 3 units)
 - a.2. Waterproofing and Re-sloping of Skylight Roof Deck (Total Area = 210 m²)
 - B. Waterproofing of Roof Floor Concrete Ledge. (Total Area=487.20 sq.m)
5. Refurbishing of Steel Roll Up Gate (Patio Area)
- a. Replacement of Electric Motor. (Total number of electric motors=3 units)
6. Re-painting and Re-sealing of BSWM Roofs
- a. Repainting and Resealing of Roofs (Elevator 1 and 2 Shafts, Special Gas Storage, Dormitory, Canteen, Canteen Stairs, Convention Hall) (Total Area=1800 sq.m)
 - b. Replacement of Main Building Roof's Ridge Cap and resealing of roofing leaks. (Total Length=65 lm)
7. Re-painting of BSWM Exterior Walls. (Total Area=10,775 sq.m)



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SCOPE OF WORK FOR LOT 2

RENOVATION OF DIRECTOR'S OFFICE RECEIVING AREA

1) OBJECTIVE

The Bureau of Soils and Water Management (BSWM) plans to renovate an area of 40.65 sq.m. on the second floor of the SRDC Building, located at the Elliptical Road corner of Visayas Avenue in Diliman, Quezon City. The objective of this procurement is to engage the services of an experienced contractor with at least five (5) years' experience in the field of building construction who will execute the renovation of the said area.

2) APPROVED BUDGET FOR THE CONTRACT COST

The total approved budget for the contract ("ABC") for this procurement is **One Million Six Hundred Ninety-Three Thousand Sixty-Four and 72/100 Pesos (Php 1,693,064.72).**

3) SCOPE OF WORK

The Contractor shall provide all the necessary labor, materials, instrument/equipment, safety equipment/procedures, including protection of adjacent/adjoining structures or areas, etc. necessary to perform satisfactorily the required works.

3.1. Site Inspection

- The CONTRACTOR shall conduct thorough inspection of the existing job site conditions.

3.2. Documentation and Reporting

- The CONTRACTOR shall provide all required plans, drawings, schedules, and reports needed for the completion of the project. Proposed plans/drawings shall be submitted by the winning bidder before the start of the renovation.
- The CONTRACTOR shall submit an as-built drawings/plans after the completion of the project.
- The CONTRACTOR shall assign professional personnel with the necessary technical skills and experience to attend project meetings and prepare project status reports.



3.3. Material Quality, Workmanship, and Inspection

- The CONTRACTOR shall ensure that all materials used for renovation are of high quality and subject to inspection by the BSWM. All materials for renovation should be new unless specified for reuse or reconstruction of existing materials.
- All works shall be of the highest quality of architectural/engineering practice and in accordance with the provisions of all the existing codes and standards. Any defects found or imperfections observed as a result of poor workmanship shall be corrected by the Contractor without any additional cost to the BSWM.

3.4 Safety and Liability

- The CONTRACTOR shall be responsible for the safety and safe working practices of its employees, servants, and agents.
- The CONTRACTOR shall be responsible for any loss or damage incurred on BSWM properties during the project or for injury to any person due to unreasonable or negligent acts or omissions of the CONTRACTOR or its workers, whether such act is intentional or not.

3.5. Site Cleanliness and Organization

- The CONTRACTOR shall always keep the work area free from accumulation of construction debris/scrap/waste materials and organized. Ensure that all the area covered in the statement of work shall be left in a condition that is acceptable to the Building Administration.

3.6. Changes to Scope of Work

- The CONTRACTOR shall not conduct any work that is beyond this statement of work unless directed or approved in writing by authorized BSWM employee/s. Any work done by the contractor beyond this statement of work and specifications without direction from the authorities will be at the contractor's own risk and at no cost to the BSWM.
- The Procuring Entity may, at any time, make changes to the project scope by altering, adding to, or deducting from the work based on written instructions without invalidating the contract.

4) Outline

Refer to Detailed Architectural/Engineering Design for the complete Scope of Works stipulated in this outline.

4.1. Lobby Fit-out

- a) Preliminary Works
- b) Ceiling Works
 - Gypsum Ceiling
- c) Drywall Works
- d) Reception Desk
- e) Floor Finishes
- f) Painting Works
 - Ceiling – Gypsum board
 - Wall – Interior Masonry
- g) Furniture
- h) Electronics Equipment
- i) Wall Cladding System
- j) Electrical Works
 - Lighting Fixtures
 - Wiring Devices and other fixtures
 - Wires and cables
 - Rough-ins
 - Panel Board and Control Panel

Note: The plans/drawings/scope of works attached in the Terms of reference are intended solely for reference in the design of the Director's Office (Lobby) Receiving area.

5) Site Work

5.1. Visit and Accept Site, As Is. The following works shall be included:

- Site Clearing: Protection and/or removal of existing structures with the approval from the Procuring Entity.

5.2. Site Safety Requirements:

- The Contractor shall, maintain a temporary board – up, security for the proper execution of site up-keeping. Such board-up shall be built where necessary and required by for its full length except for such openings as may be necessary for the proper execution of the work, in such case, openings shall be provided with doors which shall be kept closed at all times except in actual use. Which shall be made of painted 12mm thick gypsum board on metal.

5.3. Finishes

- Refer to Architectural Plans for location. Verify plans for other finishes not specified or omitted herein. Sample of all materials shall be submitted to the Procuring Entity for approval as to color and quality workmanship.

5.4. Floor Finishes

- Supply and application of chemical resistant seamless floor finish - epoxy base. See floor plan for Legend & Call-out Specifications as to where to be applied. Submit sample for Procuring Entity's approval.

5.6. Ceiling Finishes

- Dismantling & Demolition Works: Removal of some parts of existing ceiling as affected by the new ceiling layout and finish.

5.7. Painting Works

- All materials shall be Environmental protection Agency (EPA) certified and approved.
- All exposed finish hardware, lighting fixtures and accessories, glass and the like shall be adequately protected so that these are not stained with paint and other painting materials prior to painting works. All other surfaces endangered by stains and paint marks should be taped and covered with craft paper.

5.8. Guarantee

- All equipment, materials and workmanship shall be guaranteed for a period of one (1) year from date of acceptance at any time within the period of guarantee and upon notification the contractor shall repair and rectify the deficiencies, including replacement of parts or entire units. Under such guarantee, the Contractor shall make good any defect due to faulty materials or workmanship caused by him without any additional cost to the Owner for the period specified.

6) TECHNICAL STAFF REQUIREMENT

- The list and qualifications of the Key and Support Personnel to be assigned to the contract/project shall include, but not limited to the following:

PERSONNEL	GENERAL EXPERIENCE	RELEVANT EXPERIENCE
Project Manager	Licensed Architect or Engineer with at least 5	Similar or comparable projects, with proven

	years cumulative experience as Project Manager	record of managerial capability and experience through directing/ managing major civil engineering works, including projects of a similar magnitude.
One (1) Electronics Engineer	Licensed Professional Electronics Engineer with at least 5 years cumulative experience in the field of electronics and communications engineering.	supervision of installation of electronics and communication systems (structured and local area network cabling, PABX), building management systems, with knowledge in developments in emergent electronics and communications technologies.
One (1) Electrical Engineer	Licensed Professional Electrical Engineer with at least 5 years cumulative experience in the field of electrical engineering.	supervision of installation of lighting, power distribution, with knowledge in developments in efficient lighting technologies and energy management.
Other Skilled Personnel (Foreman, Labor, etc.)	with at least 3 years cumulative experience in building construction	Similar or comparable projects

- The key professionals listed are mandatory. Prospective bidders shall attach/submit the resume of the above professional key personnel. Said key personnel shall possess and submit together with their resume, their valid license for the practice of engineering issued by the Professional Regulations Commission (PRC).
- The Contractor may, as needed and at its own expense, add additional professionals and/or support personnel for the optimal performance of all

architectural and engineering services, and construction services, as stipulated in the Terms of Reference for this Project.

7) WARRANTY

- All works shall be free from material defects and poor workmanship for the period of one (1) year. Any defects or imperfections as a result of inferior materials and poor workmanship, within the specified warranty period, shall be repaired and/or replaced by the Contractor. Any amount incurred in the repair as a result of the above defects shall be the full responsibility and expense of the Contractor.

8) SAFETY AND SECURITY

- All standard safety measures and precautions shall be exercised by the Contractor in the course of the project for the protection of the public and its workers.
- All personnel and workers shall be equipped with proper working uniform, personal identification, and personal protective equipment (PPE) at all times. They must be registered with the BSWM and must comply to the rules and regulations of the Bureau.
- The Contractor shall secure his/her own equipment and materials on site. The BSWM shall not be held liable and accountable to any losses and damages incurred during the progress of the work and activity of the Contractor.

9) IMPLEMENTATION ARRANGEMENTS/ASSISTANCE TO BE PROVIDED BY THE BSWM

The BSWM is responsible for overseeing the implementation of the works in accordance with the contract arrangement between the Contractor and BSWM.

9.1. The BSWM shall:

- Provide any available plans of existing structures that might be affected by the construction of the Project for reference of the Contractor.
- Conduct kick-off meeting to discuss details in undertaking the scope of work and work schedule and to establish coordination flow process.
- Provide assistance in acquisition of the required permits and clearances
- Directly monitor the Contractor's progress.
- Review and approve all documents submitted by the Contractor.

10) TERMS OF PAYMENT/ PAYMENT SCHEME

The BSWM shall pay the contracted service provider after the completion of the actual services rendered and upon receipt of the billing statement/ statement of account and other documents required for the processing of payment. Advance payment can be allowed upon request of the contractor subject to government procurement and accounting rules.



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SCOPE OF WORK FOR LOT 3

PROPOSED FIT-OUT KITCHEN/PANTRY WITH TERRACE

AT THE BSWM GUEST HOUSE

I. PROJECT OBJECTIVE

The objective of this project is to renovate the existing Guest House in the Bureau of Soils and Water Management (BSWM) and provide a conducive environment for various activities, enhancing its utility for both official and private functions.

II. APPROVED BUDGET FOR THE CONTRACT COST

The total approved budget for the contract ("ABC") for this procurement is **Seven Hundred Sixty-Five Thousand Three Hundred Eighteen and 90/100 Pesos (Php 765,318.90)**. Please see the attached breakdown of cost estimate for reference.

III. PROJECT PERIOD

Sixty (60) Calendar Days.

IV. SCOPE OF WORK

The scope of work for the fit-out/renovation is as follows, but not limited to:

1. Damage Prevention

- Secure the construction site to prevent illegal entry or work damage during the entire duration of project.
- Comply with the pertinent regulations and adopt safety measures, such as but not limited to enclosures, coverings, off limit signs, and safety barricades surrounding the work area;
- Undertake all necessary precautions to prevent damages to all existing structures, which are to remain and do not require any modification;
- Assume full responsibility for all incurred damages to all existing structures resulting from actual construction; and
- Restore all incurred damages with quality identical to the structures prior to the construction.

2. Demolition Works

- Conduct demolition and removal as necessary to implement renovation such as existing masonry walls;
- Remove existing grills;
- Place all unnecessary materials and debris in containers to prevent the accumulation of dust and dirt;



- Remove all debris from the project site as often as necessary.
- Coordinate to the BGA for segregation of remaining materials after the construction; and
- Dispose the material on the basis of segregation.

3. Dry walling

- Installation of Dry wall in terrace, kitchen area
- Ensure all materials to be used are of high quality standards
- Use of fiber cement board, metal furring, and metal tracks

4. Roofing Works

- Installation of pre-painted corrugated galvanized roofing and gutter including accessories and consumables
- Ensure all materials to be used are of high quality standards.

5. Painting Works

- Implement safety measures, such as but not limited to enclosures, coverings, off limit signs, and safety barricades surrounding the work area;
- Conduct proper surface preparation prior to application of paints;
- Apply environmentally safe, odorless, and anti-bacterial paint;
- Use color that is approved by the BGA or any duly authorized representative
- Tape and cover all other surfaces endangered by stains and paint marks with newspaper or any other applicable materials;

6. Furniture & Fixture

- Preparation of construction area.
- Finish product must have, modular cabinets, cupboards, modular shelves in kitchen/pantry area.
- Conduct proper installation of stainless steel kitchen sink and grease trap with complete accessories and fittings.
- Conduct proper Installation of aluminum framing glass window.

7. Cleaning

- Remove and dispose all dirt and debris and keep work area clean, neat, and orderly at all times during the progress of the work to prevent accidents; and Collect and remove all debris from the site daily.

V. CONTRACTOR'S RESPONSIBILITIES

1. The contractor is required to conduct a site surveys to verify the present condition of the site and determine potential problems that may affect the implementation of the project.

- The Bidder is allowed to visit the site on the scheduled viewing for all bidders.
2. The contractor shall provide all necessary resources (services and materials) to complete the project. The contractor is required to submit the corresponding list to declare the personnel, equipment, materials, tools, vehicles, etc. to be deployed in this project.
 - No work shall be initiated until the notice to proceed (NTP) from procuring entity has been issued.
 3. The contractor shall only be allowed to work at the site within the approved schedules provided by the Building and Grounds Administration (BGA) unless otherwise agreed upon between Bureau of Soils and Water Management (BSWM), the Contractor and the BGA.
 4. The contractor shall provide the materials, tools, safety equipment, labor and other necessary services capable of producing the required quality and quantity of work to complete the project.
 - The contractor shall be responsible for the security of all materials and equipment before and during the project implementation. Materials shall be carefully handled, properly stored, and adequate, defective items shall be replaced without additional cost to Bureau of Soils and Water Management.
 - All workmanship shall be of good quality and performed in accordance to industry standards.
 5. All required documents/permits by the building administration prior to the renovation/rehabilitation/waterproofing activity shall be carried out by the contractor, unless noted otherwise agreed.
 - Any permits, insurances, bonds and other necessary fees.
 6. The contractor shall assign personnel to attend all project meetings and prepare project status reports. The personnel to be assigned must be professional with the necessary technical skills and experience.
 - Project status reports shall contain the following documents: (1) site

photos (before and after renovation); (2) project schedule/gantt chart; (3) work around/ alternative solution or variation of scope recommendations (if necessary); and (4) any other requested relevant information required to report the progress of performance.

- The contractor is required to submit a project schedule/Gantt chart before initiating work in each designated area or task. The submission date of Project schedule/Gantt chart can be coordinated with the end-user or any duly authorized personnel.
7. The contractor shall always keep the work area free from accumulation of construction debris/scraps/waste materials and organized. Ensure that all the area covered in the statement of work shall be left in a condition that is acceptable to the Building Administration.
8. The contractor shall not conduct any work that is beyond this statement of work. Any work done by the contractor beyond this statement of work and specifications without direction from the authorities will be at the contractor's own risk and at no cost to the BSWM.
- Any variations proposed by the contractor shall submit an official letter and must be approved by the Head of Building and Grounds Administration (BGA) or any duly authorized BSWM personnel.

VI. RESPONSIBILITIES OF THE END-USER DURING THE PROJECT IMPLEMENTATION

- The End-user is responsible for overseeing the implementation of the renovation in accordance with the Contract arrangements between the Contractor and BSWM.
- Provide any available as-built plans for reference of the Contractor.
- Conduct kick-off meeting to discuss details in undertaking the scope of work and work schedule and to establish coordination flow process.
- The End-User in coordination with PMU or any duly authorized representative shall inspect the compliance of contractor to the materials and tools delivered in accordance with the specifications prior to renovation, repair/replacement, and waterproofing.
- The End-User Unit or its representative shall raise concerns to the contractor if there are found poor workmanships.
- The End-User Unit or its representative shall provide assistance to the contractor throughout implementation, and warranty period as the need arises

VII. MANPOWER REQUIREMENT

The contractor shall provide adequate number of duly qualified manpower to perform the class of work stated herein. All manpower shall be authorized, properly trained, equipped organized to perform all works in accordance with the terms and conditions. The key personnel must meet the required minimum years of experience set below:

Key Personnel	Description	Years of experience required	Documents
Project Manager	Licensed Civil Architect/ Engineer	With at least FIVE (5) years of experience in the field of building construction/renovation	Curriculum Vitae/ Valid Professional Identification Card Issued by Professional Regulation Commission (PRC

1. The contractor shall provide Support Staff with a minimum of three (3) years of experience in their respective fields, including but not limited to:
 - Foreman
 - Carpenter/s
 - Painter/s

VIII. PROJECT SAFETY PROTECTION

1. The project shall be completed within Sixty (60) calendar days upon the receipt of Notice to Proceed (NTP)
 - In case of unacceptable/unjustified delay occur in the completion of the work and exceeds the time duration, BSWM will impose penalty as per government procurement and accounting rules.
2. Term of warranty: 1 year.
 - The contractor shall guarantee that the work it performs shall be free from any defects in workmanship and materials for a period of not less than one (1) year from the date of completion thereof. The contractor shall be responsible for the replacement or repair, without additional charge, of all work done or furnished in accordance with this statement of work, which shall become defective within one (1) year after completion of the work it performs.

IX. TERMS OF PAYMENT/ PAYMENT SCHEME

The BSWM shall pay the contracted service provider after the completion of the actual services rendered and upon receipt of the billing statement/ statement of account and other documents required for the processing of payment. Advance payment can be allowed upon request of the contractor subject to government procurement and accounting rules.



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SCOPE OF WORK FOR LOT 4

TERMS OF REFERENCE AND CONDITIONS

I. TITLE

Rehabilitation of BSWM Comfort Rooms.

II. OBJECTIVES

The objective of this project is to rehabilitate and improve the existing comfort rooms of the Bureau of Soils and Water Management Central Office.

III. APPROVED BUDGET FOR THE CONTRACT COST

The total approved budget for the contract ("ABC") for this procurement is **Four Hundred Ninety-Eight Thousand One Hundred Thirty-Nine Pesos only (Php 498,139.00)**. Please see the attached breakdown of cost estimate for reference.

IV. PROJECT PERIOD

Forty-Five (45) Calendar Days.

V. GENERAL REQUIREMENTS

1. The contractor is required to conduct a site survey to verify the present condition of the site and determine potential problems that may affect the implementation of the project.
2. The contractor shall provide all necessary resources (services and materials) to complete the project. The contractor is required to submit the corresponding list to declare the personnel, equipment, materials, tools, vehicles, etc. to be deployed in this project.
 - No work shall be initiated until the notice to proceed (NTP) from the procuring entity has been issued.
3. The contractor shall only be allowed to work at the site within the approved schedules provided by the Building and Grounds Administration (BGA) unless otherwise agreed upon between Bureau of Soils and Water Management (BSWM), the Contractor and the BGA.
4. The Contractor shall provide the materials, tools, labor and other necessary services and equipment required in order to complete the project.



- The contractor shall be responsible for the security of all materials and equipment before and during project implementation. Materials shall be carefully handled, properly stored, and adequate, defective items shall be replaced without additional cost to the Bureau of Soils and Water Management.
 - All workmanship shall be of good quality and performed in accordance with industry standards.
5. All required documents/permits by the building administration prior to the renovation activity should be carried out by the contractor, unless noted otherwise agreed.
- Any permits, insurances, bonds, and other necessary fees.
6. The contractor shall assign personnel to attend all project meetings and prepare project status reports. The personnel to be assigned must be professional with the necessary technical skills and experience.
- Project status reports shall contain the following documents: (1) site photos (before and after renovation); (2) work around/ alternative solution or variation of scope recommendations (if necessary); and (3) any other requested relevant information required to report the progress of performance.
7. The contractor shall always keep the work area free from accumulation of construction debris/scraps/waste materials and organized. Ensure that all the area covered in the statement of work shall be left in a condition that is acceptable to the Building Administration.
8. The contractor shall not conduct any work that is beyond this statement of work unless directed or approved in writing by authorized BSWM employee/s. Any work done by the contractor beyond this statement of work and specifications without direction from the authorities will be at the contractor's own risk and at no cost to the BSWM.

VI. MANPOWER REQUIREMENT

The contractor shall provide adequate number of duly qualified manpower to perform the class of work stated herein. All manpower shall be authorized, properly trained, equipped organized to perform all works in accordance with the terms and conditions stipulated in the within the project duration.

Key Personnel	Experience	Documentary Requirements
Project Engineer	Three (3) Years	<ul style="list-style-type: none">• Curriculum Vitae• Valid and current Professional Identification Card issued by Professional Regulatory Commission (PRC) Civil Engineer/Architect
Foreman	Three (3) Years	<ul style="list-style-type: none">• Curriculum Vitae
Carpenters	Three (3) Years	<ul style="list-style-type: none">• Curriculum Vitae
Electrician	Three (3) Years	<ul style="list-style-type: none">• Curriculum Vitae
Plumbers	Three (3) Years	<ul style="list-style-type: none">• Curriculum Vitae

VII. SCOPE OF WORK:

1. Damage Prevention

- Secure the construction site to prevent illegal entry or work damage during the entire duration of project.
- Comply with the pertinent regulations and adopt safety measures, such as but not limited to enclosures, coverings, off limit signs, and safety barricades surrounding the work area.
- Undertake all necessary precautions to prevent damages to all existing structures, which are to remain and do not require any modification.
- Assume full responsibility for all incurred damages to all existing structures resulting from actual construction; and
- Restore all incurred damages with quality identical to the structures prior to the construction.

2. Demolition Works

- Conduct demolition and removal as necessary to implement rehabilitation.
- Removed damaged sanitary hardware including fixtures and accessories.

- Remove damaged floor and counter tiles.
- Remove damaged exhaust fans and wiring.
- Place all unnecessary materials and debris in containers to prevent the accumulation of dust and dirt.
- Remove all debris from the project site as often as necessary.
- Coordinate to the BGA for segregation of remaining materials after the construction; and
- Dispose the material on the basis of segregation.

3. Door Works

- Replace broken door barrel bolt locks, and doorknobs.
- Replace broken door hinges.

4. Tiling Works

- Replace all damaged counter tiles with the same quality and color as existing lavatory counters.
- Replace any wall and floor tiles that were removed and damaged during the repair of drainage lines with the same quality and color as the existing tiles.

5. Plumbing Works

- Replace damaged items and perform removal, installation, and repair of the following: lavatory p-traps, lavatory faucet, urinal flush valve, bidet, lavatory, urinal, toilet seat covers, flexible hose, angle valve, floor drain, unclogging/repair of drainage line.

6. Tiling Works

- Replace all damaged counter tiles with the same quality and color as existing lavatory counters.
- Replace any wall and floor tiles that were removed and damaged during the repair of drainage lines with the same quality and color as the existing tiles.

7. Electrical Works

- Replace broken exhaust fans, and its necessary connections.
- Install new wall fans.

8. Cleaning

- Remove and dispose all dirt and debris and keep work area clean, neat, and orderly at all times during the progress of the work to prevent accidents; and

- Collect and remove all debris from the site daily.

VIII. LOCATION

BASEMENT (SOIL SAMPLE)	2nd FLOOR (ALMED)
a.) Male CR	a.) Male CR
b.) Female CR	b.) Female CR
1st FLOOR (LOBBY)	2nd FLOOR (CONVENTION HALL)
a.) Male CR	a.) Male CR
b.) Female CR	b.) Female CR
c.) PWD CR	c.) PWD CR
1st FLOOR (WATER)	3rd FLOOR (SWRRD)
a.) Male CR	a.) Male CR
b.) Female CR	b.) Female CR
1st FLOOR (SSD)	3rd FLOOR (LSD CHIEF)
a.) Male CR	a.) Male CR
b.) Female CR	b.) Female CR
1st FLOOR (CANTEEN)	4th FLOOR (RESEARCH CHIEF)
a.) Male CR	a.) Male CR
b.) Female CR	b.) Female CR
1st FLOOR (INFO)	4th FLOOR (BIOLOGY)
a.) Male CR	a.) Male CR
b.) Female CR	b.) Female CR
c.) PWD CR	b.) Female CR
2nd FLOOR (DIRECTOR'S OFFICE)	
a.) Male CR	
b.) Female CR	
c.) PWD CR	

IX. PROJECT SAFETY PROTECTION

1. The project shall be completed within Forty-Five (45) calendar days upon the receipt of Notice to Proceed/ P.O.
- In case of unacceptable/unjustified delay occur in the completion of the work and exceeds the time duration, BSWM will impose penalty as per government procurement and accounting rules.

2. Term of warranty: 1 year.

- The contractor shall guarantee that the work it performs shall be free from any defects in workmanship and materials for a period of not less than one (1) year from the date of completion thereof. The contractor shall be responsible for the replacement or repair, without additional charge, of all work done or furnished in accordance with this statement of work, which shall become defective within one (1) year after completion of the work it performs.

X. TERMS OF PAYMENT/ PAYMENT SCHEME

The BSWM shall pay the contracted service provider after the completion of the actual services rendered and upon receipt of the billing statement/ statement of account and other documents required for the processing of payment. Advance payment can be allowed upon request of the contractor subject to government procurement and accounting rules.

XI. RESPONSIBILITIES OF THE END-USER DURING THE PROJECT IMPLEMENTATION

- The End-User Unit in coordination with PMU or any duly authorized representative shall inspect the compliance of contractor to the materials and tools delivered in accordance with the specifications prior to installation.
- The End-User or any duly authorized representative shall supervise the implementation of the project to monitor the progress and compliance of the contractor with the specified methodologies and safety precautions.
- The End-User Unit or its representative shall raise concerns to the contractor if there are found poor workmanships.
- The End-User Unit or its representative shall provide assistance to the contractor throughout implementation, and warranty period as the need arises.