



## SCOPE OF WORK

### 1.0 PROJECT DESCRIPTION

- 1.1 PROJECT TITLE: COMPLETION OF DOST-STILLEFT WING LIBRARY EXTENSION BUILDING PHASE 2 AND REPLACEMENT OF DOST-STIL ROOFING, SECOND LEVEL CEILING, REHABILITATION OF LIGHTINGS, WATERPROOFING OF CONCRETE GUTTER AND INSTALLATION OF NEW DOWNSPOUT
- 1.2 PROJECT DURATION:
  - 1.2.1. Constructions period 150 calendar days
- 1.3 DESCRIPTION OF SERVICE:

The DOST- STII is to engage a competent and reliable contractor who will Construct the Second floor of the DOST-STII Library Extension Phase - 2, Replacement of Roofing, Second Floor Ceiling, Rehabilitation of Lightings, Waterproofing of Concrete Gutter and installation of New Downspout.

1.4 APPROVED BUDGET OF THE CONTRACT (ABC):

The DOST-STII has an Approved Budget of the Contract (ABC) from the General Fund of **Eight Million Six Hundred Twenty Thousand Pesos** (**Php8,620,000.00**), Inclusive of VAT and all other applicable government taxes. Funding has been provided by Fiscal year 2023 General Appropriation Act (RA 10964).





## 1.5 SCOPE OF SERVICES:

1.5.1 The Contractor shall supply all the complete materials, labor, equipment and tools needed for the following:

# A. COMPLETION OF DOST-STII LEFT WING LIBRARY EXTENSION BUILDING - PHASE 2

- Glass Panel Partition and Glass door for the New Office of the Chief, IRAD
- Provide Double Swing Panel Door with Glass from Proposed Lounge to New IRAD Office.
- Closure of existing window at IRAD, Training room and Information Technology Unit
- Demolition of existing concrete wall at the Management Information System and Planning Section (MISPS) leading to the New Building.
- Provide Double Swing Panel Door with Glass from Proposed Lounge to the Management Information System and Planning Section (MISPS).
- Glass Panel Partition and Glass door for the Office of the Chief, MISPS
- Provide Emergency Exit, Steel Door and Steel Ladder at MISPS and IRAD
- Demolition of Existing Dry Wall Partition between Training room and IRAD then replaced by Movable Sliding Folding Partition with complete accessories.
- Provide Dry Wall Partition and Flush door for the MISPS Stock room
- Provide New Dry Wall partition between COA stock room and IRAD
- Provide New Double Swing Panel Door with Glass for the Training Room-2
- Provide Dry Wall Partition and Flush door for the EA Stock room
- Provide Dry Wall Partition between MISPS and Propose lounge.
- Provide Dry Wall Partition and Flush door for the Restoration room





- Repair of all ceilings that will be affected by the removal of the old wall partition.
- Removal of Existing Glass Wall panel at new COA office and replaced with New Entrance Panel door with complete accessories.
- Partial Removal of Existing Glass wall at the Training room and replaced with Double Swing Panel Door with Glass
- Provide Water Supply at the Restoration room
- Provide waste water pipeline from restoration room up to the nearest Drainage manhole
- Complete Electrical works
  - 1. Provision for ACCU at MISPS
  - 2. Provision for ACCU at IRAD
  - Provision for ACU window/ Split type at Office of the Chief (IRAD, MISPS and Restoration Room)
- Ceiling works
- Painting works
- Tiling works
- Front and left side canopy
- Front and left side parapet wall
- Installation Seismic gap cover (labor only)
- Installation of 18inches drainage pipe and Construction of concrete manhole with cover at the Basement level.
- Roughing ins for Telephone and Internet

#### B. REPLACEMENT OF ROOFING

- Removal of Existing G.I sheets
- Repair and Repainting of existing steel Trusses
- Installation of new Rib type long span Pre-painted roofing and Insulation and accessories.
- Installation of Flashing





# C. REPLACEMENT OF SECOND LEVEL CEILING AND LIGHTINGS

#### BASEMENT

## 1. Male Comfort Room

- Removal of existing Ceiling
- Installation of metal framing
- Installation of new PVC Ceiling panel
- Installation of new round recessed pin light with glass cover with 7watts daylight LED Bulb

### 2. Female Comfort Room

- Removal of existing Ceiling
- Installation of metal framing
- Installation of new PVC Ceiling panel
- Installation of new round recessed pin light with glass cover with 7watts daylight LED Bulb

## 3. Editing unit

 Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories

## 4. Hallway and Lobby

- Removal of Existing Fluorescent tube light and ballast and Installation of new 24 inches 9 watts T8 Pro series daylight LED Tube and accessories
- Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories
- Supply and Installation of 7watts daylight LED Bulb

#### 5. Creative Section

- Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories
- Supply and Installation of 7watts daylight LED Bulb



# 6. Communication Research and Production Division

- Removal of Existing Fluorescent tube light and ballast and Installation of new 24 inches 9 watts T8 Pro series daylight LED Tube and accessories
- Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories

### 7. Mini Theater

Supply and Installation of 7watts daylight LED Bulb

# 8. Stair

 Removal of Existing Fluorescent tube light and ballast and Installation of new 24 inches 9 watts T8 Pro series daylight LED Tube and accessories

#### GROUND FLOOR

# 1. Male Comfort Room

- Removal of existing Ceiling
- Installation of metal framing
- Installation of new PVC Ceiling panel
- Installation of new round recessed pin light with glass cover with 7watts daylight LED Bulb

# 2. Female Comfort Room

- Removal of existing Ceiling
- Installation of metal framing
- Installation of new PVC Ceiling panel
- Installation of new round recessed pin light with glass cover with 7watts daylight LED Bulb

# 3. Right wing Library (Filipiniana Section)

- Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories
- Supply and Installation of 7watts daylight LED Bulb



# 4. Left wing Library

- Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories
- Supply and Installation of 7watts daylight LED Bulb

## 5. GSPS Stock Room

 Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories

#### Mother and Child Care Center

 Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories

#### 7. CAST Room

- Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories
- Supply and Installation of 7watts daylight LED Bulb

## 8. Hallway and stairs

 Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories

#### 9. Electrical Room

 Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories

## 10. Lobby Male comfort room

 Removal of Existing Fluorescent tube light and ballast and Installation of new 24 inches 9 watts T8 Pro series daylight LED Tube and accessories





## 11. Lobby Female comfort room

 Removal of Existing Fluorescent tube light and ballast and Installation of new 24 inches 9 watts T8 Pro series daylight LED Tube and accessories

### 12. PWD Comfort room

 Removal of Existing Fluorescent tube light and ballast and Installation of new 24 inches 9 watts T8 Pro series daylight LED Tube and accessories

#### STARBOOKS

 Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories

# 14. Entrance Canopy

Removal of Existing Fluorescent tube light and ballast and Installation of new 24 inches 9 watts T8 Pro series daylight LED Tube and accessories

## 15. Main Entrance Lobby

Supply and Installation of 7watts daylight LED Bulb

#### SECOND FLOOR

#### 1. Male Comfort Room

- Removal of existing Ceiling
- Installation of metal framing
- Installation of new PVC Ceiling panel
- Installation of new round recessed pin light with glass cover with 7watts daylight LED Bulb

# 2. Female Comfort Room

- Removal of existing Ceiling
- Installation of metal framing
- Installation of new PVC Ceiling panel
- Installation of new round recessed pin light with glass cover with 7watts daylight LED Bulb



## 3. Hallway and Stairs

- Removal of existing Ceiling
- Installation of metal framing
- Installation of new PVC Ceiling panel
- Installation of new round recessed pin light with glass cover with 7watts daylight LED Bulb

# 4. Office of the Director (OD)

- Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories
- Supply and Installation of 7watts daylight LED Bulb

## 5. COA Office

 Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories

# 6. Finance and Administrative Division (FAD)

- Removal of existing Ceiling
- Installation of metal framing
- Installation of new PVC Ceiling panel
- Installation of new round recessed pin light with glass cover with 7watts daylight LED Bulb
- Supply and Installation of 7watts daylight LED Bulb

## 7. Property section

- Removal of existing Ceiling
- Installation of metal framing
- Installation of new PVC Ceiling panel
- Installation of new round recessed pin light with glass cover with 7watts daylight LED Bulb



# Property Storage Room

Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories

# 9. Information Resources and Analysis Division (IRAD)

- Removal of Existing Fluorescent tube light and ballast and Installation of new 24 inches 9 watts T8 Pro series daylight LED Tube and accessories
- Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories

# 10. Information Technology unit (ITU)

- Removal of Existing Fluorescent tube light and ballast and Installation of new 24 inches 9 watts T8 Pro series daylight LED Tube and accessories
- Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories

## 11. Training Room

 Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories

#### 12. Electrical Room

 Removal of Existing Fluorescent tube light and ballast and Installation of new 48 inches 18 watts T8 Pro series daylight LED Tube and accessories

# D. WATERPROOFING OF CONCRETE GUTTER AND INSTALLATION OF NEW DOWNSPOUT

- Removal of Existing waterproofing membrane on the concrete Gutter (Front and Rear portion)
- Application of Cementitious Waterproofing on the Gutter and sidings
- Concrete Topping with wire mesh
- Installation of new 6 sets each (Front and rear portion) of 4
   Inches diameter PVC pipe series 1000 downspout with





complete fittings and accessories including painting of PVC pipes

- Construction of Drainage manhole with cover
- Installation of 6 Inches PVC Drainage pipe Going to the Existing Manhole
- 1.5.2 Provide manpower and equipment utilization program and construction schedule.
- 1.5.3 The Contractor must submit first sample of materials to DOST-STII TWG for approval before installation.
- 1.5.4 The Contractor must observe the use of non-sexist/gender-sensitive language in all official documents and communications under this project
- 1.5.5 The Contractor must use eco-friendly materials and must employ ecofriendly measures during construction period
- 1.5.6 Secure work permit on a weekly basis with DOST-STII prior to executing any kind of activities.
- 1.5.6.1. The contractor must provide temporary shelter for its workers. If workers will "stay-in" on site, contractor is liable for any Unsafe / misbehavior and untoward incidents involving identified personnel.
  - 1.5.6.2. Contractor shall provide ID Card for all workers and comply with all the safety requirements while working inside DOST-STII premises.
  - 1.5.6.3 The Contractor must submit Construction Safety and Health Program for the project.
- 1.5.7 Secure building permit and other licenses for the project.

#### 1.6 DOCUMENTS

- a. 5 sets As-built plan
- All Plans and documents related to this project shall become the property of DOST-STII





# TECHNICAL WORKING GROUP FOR INFRASTRUCTURE

MARIO B. BUARAO, Jr.

CARLO O. NEBRIA Member

GERARDO C. DE JESUS

Chairperson- TWG for Infrastructure/Renovation of Office Building/Fixtures

Approved by:

RICHARD P. BURGOS Director, DOST-STII Owner: DOST-SCIENCE AND TECHNOLOGY INFORMATION INSTITUTE

Name of REPLACEMENT OF DOST-STII ROOFING, FAD, C.R AND SECOND FLOOR HALLWAY CEILING, REHABILITATION OF LIGHTINGS AND WATERPROOFING OF CONCRETE GUTTER AND INSTALLATION OF NEW DOWNSPOUT

Location: DOST Complex, Gen. Santos Ave., Bicutan, Taguig City Subject: BOQ Date: May 2023

EM NO.	DESCRIPTION OF WORK	Unit	QTY.	UNIT COST (PHP)	TOTAL DIRECT COST (PHP)		THE RESERVE	TOTAL MARK-UP	VAT	COST (Php)	TOTAL COST (Php) (12) + (6) 13
-						OCM PR	OF T	AMOUNT 10			
										1	
Α	COMPLETION OF DOST-STILLEFT WING LIBRARY EXTENSION BUILDING-Phase 2										
	GENERAL REQUIREMENTS										
1	Mobilization / Demobilization	lot	1.00								
2	Permits and Licenses needed by the Project	lot	1.00								
3	contractors Temporary storage and quarters	lot	1.00								
4	Bonds and Insurances	lot	1.00								
5	Safety and Personal Protective Equipment (PPE)	lot	1,00								
6	Materials Testing	lot	1.00								
7	As-built Drawings (5 sets blueprint)	lot	1.00								
8	Others (Contractor/ bidder to specify)										
UBOS!	SUBTOTA			TO THE WAY	Religious Control	THE PERSON	5000	AND SHOUSE WAS	75 356	CANAL PROPERTY	THE PERSON NAMED IN
	SITE WORKS										
1	Temporary Perimeter fencing / Board -up	lm	45.00								
2	Demolition of Existing concrete wall	sq.m	19.50								
3	Removal and Closure of Existing Steel window	sq.m	14.64								
4	Demolition of existing dry wall partition	sq.m	24.50								
5	Repair of affected ceiling due to demolition	lot	1.00								
	DRAINAGE										
1	Installation of Reinforced 18" concrete pipe	im	15.00								
2	Excavation	cu.m	13.63								
3	Backfilling with compaction	cu.m	9.31								
4	Gravel bedding	cu.m	0.96								
5	Construction of concrete manhole with cover	set	1.00								
6	Others (Contractor/bidder to specify)										
	SUB TOTAL	The second	120502000	AND DESCRIPTION OF THE PERSON	NAME OF THE OWNER, OWNE				L. Williams		
	STEEL WORKS (REINFORCEMENT)										
1	Columns	kgs.	1,418.29								
2	Roof beam	kgs.	3,331.73								
3	# 16 G.i Tie wire	kgs.	42.76								
4	Others (Contractor/ bidder to specify)										
N. COL	SUB TOTAL	WILL KIND TO SEE			THE PARTY OF THE P	STATE OF STREET				The second	
	STRUCTURAL CONCRETE WORKS										
1	Columns	Cul.m	12.78								
2	Roof beam	cu.m	14.18								
3	Formworks	sq.m	252.27								
4	Scaffolding	Sq.m	252.27								
5	Others (Contractor/bidder to specify)										
	SUBTOTAL SECTION OF THE SECTION OF T	Selection of the last				CONTRACTOR THE	STORY WATER				Section 2
	MASONRY WORKS	-									
1	Interior and Exterior walls										
-	6" CHB (4.5 MPA)	sq.m	126.25								
	Vertical and horizontal reinforcement	kgs.	702.42								
2	Plastering										
	Interior and External walls	sq.m	377.30								i i serie
3	Others (Contractor/ bidder to specify)										
9920	SUB-TOTAL	William Park	CONTRACTOR OF THE PARTY OF THE	Charles State of the		SUPPLIED UNIX	WEST SAL	DE BURGETANIA	A SYNCH IS		
and the same of	ROOFING WORKS	The second second	The second second		The state of the s						
1	Installation of 2" X 6" X 1.5 mm C-Purlins	l.m	360.00				-				
2	Installation of 2" X 6" X 1.3 mm C- Purlins Installation of Long span Pre-painted metal Roof sheats GA 24	sq.m	292.32		-		-			-	
3	Installation of Long span Pre-painted metal Roof sneets GA 24  Installation of Flashing	l,m	25.00								
4							-			1	
-	Installation of Insulation	sq.m	292.32				-				
5	Others (Contractor/ bidder to specify)					CONTRACTOR OF THE PARTY OF THE	-		Control of the last of the las		THE RESERVE

	ARCHITECTURAL WORKS			T	T	1						T
1	DOORS					+		_				
	D-01 Double swing panel door with Glass, Jamb, Lockset and accessories	set	3.00			-	-			_		
	D-02 Single swing Panel door with Jamb, lockset and accessories	set	1.00		-	-	-	-		-		
	D-03 Single swing frameless Glass door with Jamb and accessories		2.00		-	-	-					
	D-03 Single swing frameiess Glass door with Jamb and accessories  D-04 Single swing flush door with Jamb, Lockset and accessories	sets	3.00		-	-	-	-				
	D-05 Emergency Exit Steel Door	set				-	-					
2	WINDOWS WINDOWS	set	2.00			-						
- 2			-			-						
	W-01 Awning type window	sq.m	62.4C			-						
3	FLOORING		-									
-	600 X 600mm Ceramic Floor Tiles	sq.m	292.32									
4	CEILING WORKS											
	Metal Framing for all Ceiling	sq.m	292,32									
	12mm thick Gypsurn board ceiling	sq.m	292.32									
5	CARPENTRY WORKS											
	Cry wall Partition	sq.m	123.80									
	Movable Sliding Folding Partition	sq.m	24.50									
6	PAINTING WORKS											
	Interior walls and Partitions	m.pa	491.40		T	1						
	Ceiling	sq.m	292.32									
7	SPECIALTIES											
	Glass Wall Panel Partition	sq.m	34.50			1						
	Exterior walls Pebbles washout finish	sq.m	188.65			_					-	
	Emergency Exit Steel Ladder	lot	1.00			-				-		
	Stainless seismic gap cover (labor only)	i.m	25.00		-	-	-			-		
8	Others (Contractor/ bidder to specify)	(.II)	23.00		-	-	_				-	
	A/B TOTAL		Name and Address of the Owner, where		THE RESERVE TO THE PARTY OF THE	-		TOTAL CO.	Total Control of the	THE RESERVE TO SERVE		AND THE RESIDENCE OF THE PARTY
	ELECTRICAL WORKS		-	The second second		-	- DES					
	conduits and wiring works		1.00			-						
	Panel board with CB's	lot	1.00			-						
	Installation of Built-in Electrical Lighting, outlet and switches	lot	1.00			-	_			-	-	
			-			-						
	Lighting Fixtures											
	Louver type lightings	sets	38.00			-						
	3 gang switches	sets	10.00									
	convenience outlets	sets	20.00			-						
	Provision for airconditioning units	units	5.00									
	Others ( Contractor/ bidder to specify)		Marian San Carlotte		A STATE OF THE PARTY OF	-					A LANCES OF THE PARTY OF THE PA	
	SUB-TOTAL	PRINTER I	SUPERING .							CALLED THE	STATES HOLD	A STATE OF TAXABLE PARTY.
	PLUMBING											
	Provision for Water Supply	lot	1.00									
	Provision of waste water pipeline	lot	1.00									
	Others (Contractor/bidder to specify)											
	SUB-TOTAL		State Services	Market Market	A DESCRIPTION OF THE	THE RES	H-S MOI	B) PINS	THE RESIDENCE	Total Control	SUPERFECTION	THE CONTRACTOR AND ADDRESS.
	TELEPHONE AND INTERNET											
	Provision for Telephone and Internet	lot	1.00			1						
ALIE -	SUB-TOTAL SUB-TOTAL	DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COL			BIVE STREET	A CONTRACTOR OF THE PERSON NAMED IN	Maria de la	WALES IN	TO UNIVERSAL	ENGAL STATE	Control of the last of the las	S-BOARD IN
В	REPLACEMENT OF ROOFING		-					-	The same of the same of the	The state of the s	The state of the state of	The Parketing of
	Removal of existing G.I sheets	sq.m	809.86			-						
	Repair and Repainting of existing steel trussess	lot	1.00		-	-				-	-	
	Installation of new Rib type long span roofing incuding Insulation and accessories	THE RESERVE THE PARTY NAMED IN COLUMN			-	-	-			-		
	Installation of new Kib type long span rooting including insulation and accessories  Installation of new Flashing	sq.m	809.86			-						
		I,m	93.10									
	Others (Contractor/ bidder to specify)									-		
	SUB-TOTAL						2000			Circulation of the last		

4.

