



Republic of the Philippines  
Department of Science and Technology  
**INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE**  
DOST Cpd., General Santos Ave., Bicutan, Taguig City  
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<http://www.itdi.dost.gov.ph>

**PROJECT :** REPAIR/RENOVATION & MAINTENANCE OF ITDI BUILDINGS & MAINTENANCE – 2015-LFP-02

**LOCATION:** DOST Compound, Gen. Santos Ave., Bicutan, Taguig City

**OWNER :** Industrial Technology Development Institute (ITDI)

**SUBJECT :** BID BULLETIN NO. 2

**Date :** February 2, 2016

This Bid Bulletin No. 2 is being issued to Bidders for their information and guidance in the preparation of their bids and shall be taken into consideration in their proposal. This bid bulletin will form part of the contract for this project.

**1. Additional Clarifications:**

- a. Earthworks On BOM: Item No. 3 Earthworks (Deleted)
  1. Backfilling
  2. Gravel Fill w/ compaction
  3. Sand
- b. Storage Sliding Cabinet: Item No. 10.0 Storage (Deleted Sliding Cabinet) Instead Built-In Open Shelves (See Plan) for all Division
- c. For Doors & Windows:
  1. D1-Aluminum Frame Glass Sliding Door 1.6M x 2.10M @ TSD
  2. D2-Hollow Core Narra Flush Door 0.80M x 2.10 (Storage/Pantry)
  3. D3 – 3/16 thk Green Float on Aluminum Frame 0.90m x 2.10m (Function Room)
  4. D4 – VARIFOLD Folding Partition 200mm wide & 15mm thk PANEL CORES with Fabric face on Aluminum frame with complete accessories
  5. D5 – Hollow Core Steel Door fire rated with Complete accessories cashier @ vault
- d. Supply/Installation of 3 units, 3 HP Carrier High XPower Silver-Indoor unit, cooling capacity 9,200 – 18,750 kJ/Hr system Power Inout 625-1,520, unit weight 9.3 kg including copper tubing , breaker and all accessories needed (Office of the Deputy Director)

**Changed to: Supply & Installation Floor Mounted Split Type Air conditioning 2 units 3 tonner X-Power Inverter, 220V, 1 Phase, 60 Hz (carrier or its equivalent) complete with copper tubing, stand & all accessories needed & individual circuit breaker (2 units) (Office of the Deputy Director).**

2. Clarifications that Specifications are incorporated in Scope of Work.
3. There is also a need for an ECE but not necessarily be within the area in full time basis.

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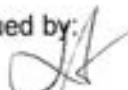
**Membership:**

- General Conference on Weights and Measures (CGPM)
- Asia Pacific Metrology Programme (APMP)
- Asia Pacific Legal Metrology Forum (APLMF)

4. Soft Copy of BOQ and Internet Cabling compiled in one CD is available and ready for pick-up at the BAC Office as of February 1, 2016.
5. Scaled Plan for the following is available and ready for pick-up at the BAC office as of February 1, 2016:
  - a. Metrology Ground Floor Layout
  - b. Metrology Second Floor Layout
  - c. Detailed Office Modular Partition – Interior Prospective
  - d. Office Modular Partition Details No.1 to 3
  - e. NML Ramp, Blow-up Plan
  - f. NML Ramp Detailed Elevation A
  - g. NML Ramp Detailed Elevation B
  - h. NML Ramp Detailed Section
  - i. NML Ramp Schedule of Doors and Windows
  - j. Entrance @ Canopy & Lobby (Key Plan)
  - k. ITDI Metrology Entrance @ Canopy (Reflected Ceiling Plan)
  - l. ITDI Metrology RC Canopy Water Proofing Detail
  - m. ITDI Metrology Lobby (Wall Elevation)
  - n. ITDI-Metrology Metal Cladding Detail
  - o. FMD-Storage Blow-up Plan Built-In Cabinet
  - p. Section A FMD-Storage Detail of Built-In Cabinet
  - q. Section B FMD-Storage Detail of Built-In Cabinet
  - r. Section C FMD-Storage Detail of Built-In Cabinet
  - s. Section D FMD-Storage Detail of Built-In Cabinet
  - t. FMD Storage Shelf Detail
  - u. Blow-up Plan for Low Form Counter (Cashier Section)
    - Including the Scaled Detailed Elevation
    - Including the Scaled Detailed Section
6. Outline Specifications (Please see attached)
7. Cable Internet Wire
  - A. Supply and Installation of Internet cable wire at 1<sup>st</sup> floor and 2<sup>nd</sup> floor at each table
  - B. Network Setup minimum requirements of the following:
    1. DATA NETWORK
      - LAN/CABLING AT 1<sup>ST</sup> FLR. & 2<sup>ND</sup> FLR
        - Total Number of NODES/PORTS=235
    2. IDF in each Division
      - Minimum 2 backbones per section (list provided in the table)
      - Set of cabinet, rack, patch panel, routers and switches, UPS & Ventilation, Patch Cord
  - C. Telephone minimum Requirements:
    - Separate Cabling from data (LAN) setup
    - Construction work cabling and reconnection to NML bldg. main panels
    - Rehabilitation of telephone panel board at 1<sup>st</sup> floor & 2<sup>nd</sup> floor

8. Size of Table Top for Modular Partition – 0.70 m for Staff  
- 0.80 m for Executive Staff

Issued by:



**MS. LYDIA M. ABLAÑA**  
ITDI-BAC Chairman-infra

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Project : REPAIR/RENOVATION AND MAINTENANCE OF ITDI BUILDINGS AND FACILITIES  
Reference No. 2015-LFP-002

Location : GENERAL SANTOS AVENUE, BICUTAN, TAGUIG CITY

Owner : INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE (ITDI)

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## OUTLINE SPECIFICATIONS

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### I. ARCHITECTURAL

#### A. Floor Finishes (Second Floor)

1. Hallway, Office of TSD, FMD, ADM, PMISD,  
& Office of the Deputy Director (ATS)

600 mm x 600 mm Polished  
Homogeneous (Granite Floor  
Tiles : Sol Ceramica or equivalent

2. Floor Tiles Finishes at Comfort Room

300mmx300mmx6mmUnglazed  
(Mariwasa)

3. Wall tiles finishes at Comfort Room

250mm x 250mm x 6mm Glazed tiles  
(Mariwasa)

4. Counter Top

Jet Black Granite Slab 20mm thk

#### B. PAINTING (Ceiling, Walls, Door & Door Jamb)

Semi Gloss Wall Paint Finished  
Boysen or Approved Equal

#### C. CABLE INTERNET WIRE

UTP CATSE 4 PAIRS for cabling patch  
cord : AMP or equivalent or higher  
RJ45, Box, Face Plate: AMP TYCO or  
equivalent or higher  
Network Switch (managed):HP Procurve

#### D. METAL CLADDING

ALCOPANEL brand or Approved Equal  
Front: P.V.D.F. Coated Aluminum;Core:  
Fire Retardation Mineral Core or PE  
(Fire Rated); Bottom Mill Finish or  
Polyester Service Coated Aluminum;  
Thickness: 4mm; Width: verify ; Length:  
verify

#### E. WATERPROOFING

4.5MM Thk Firestone Modified

Bitumen Membrane (Hot Process)

F. COMBI – ROLLER BLINDS

Fabric Pattern : Woodlook Combi or Combi , Tube-38mm w/ trust bearing Adjustable, Chain: stainless , Ctrl Position right or left spline.

G. MODULAR PHENOLIC BOARD

Phenolic Board with (Compact Boards - WOODGRAINS) including all the accessories with Top rail (SS), door spring hinges (SS), adjustable footleg (SS), Aluminum edge profile, SS screw phenolic board & Toilet paper (SS)

H. WATER CLOSET/URINAL/LAVATORY PEDESTAL

HCG Brand or Approved equal HCG faucet (SS) including its all accessories

I. MODULAR TABLE for staff (25mm thk) 2-Tone Fabric w/ Glass

**FOR STAFF:** 1.50 H X 1.50 W  
1.50 H X 1.75 W  
2.9 H x 2.2 W  
CURVEPOST 1.50 H  
SQUAREPOST 1.50H  
CABLETRAY 1.20 L  
TABLETOP 1.20 L X 1.50W  
(offwhite with grommet)

**FOR SIDE CABINET:**

3 layer drawer with centralized lock; steel sidings in powder coated finish; offwhite color with grommet; tapered legs 1.50 L x 0.70 W x 0.74 H

**FOR STAFF CHAIR:**

Midback swivel chair with armrest; with Direct tilting function; with pneumatic seat-height adjustment; five proged hard plastic base with wheel casters; fabric upholstered

J. THREE SEATER SOFA

Three seater sofa with armrest; with stainless steel base; leatherette upholstered SD-54 cm; SW-212 cm,SH-41 cm; BH-39 cm; OH-80 cm

K. TWO SEATER SOFA

Two seater sofa with armrest; with stainless steel base; leatherette upholstered SD-54 cm; SW-153 cm,SH-41 cm; BH-39 cm; OH-80 cm

L. CENTER TABLE	Glass top; with stainless steel base; 1.00L X 0.60 W X 0.47 H
M. SIDE TABLE GLASS	Glass top; with stainless steel base; 0.45L X 0.45 W X 0.60 H
N. EXECUTIVE CHAIR	Highback swivel chair with armrest; with direct tilting function; with pneumatic seat-height adjustment; five pronged hard plastic base with wheel casters; Fabric upholstered
O. STAFF CHAIR	Midback swivel chair with armrest; with gaslift; five pronged hard plastic base with wheel casters; with fabric upholstery
P. L-SHAPED EXECUTIVE TABLE (WITH SIDE RETURN)	High pressure hilltop maple laminate top in 30mm thickness with edge band; black steel siding in powder coated finish legs and front panel; with grommet: Main Table – 1.60 L x 0.90 W x 0.78 H Side return – 1.62 L x 0.46 W x 0.65 H (see sample at O.D.D.)
Q. VISITORS CHAIR	Midback Chair with armrest; Sled Base fabric upholstered
R. ROUND MEETING TABLE	High pressure hilltop maple laminate top in 30mm thickness with rubber edging; On single black tubular leg with round die cast base; 0.80m dia x 0.74 H
S. DOOR & WINDOWS	D-1 Aluminum Frame Glass Sliding Door 1.6m x 2.10m (@TSD) D-2 Hollow Core Narra Flush Door 0.80m x 2.10m (Storage/Pantry) D-3 3/8" thk Green Float on Aluminum Frame 0.90m x 2.10m (Function Room) D-4 VARIFOLD folding partition 200mm Wide & 15mm thick panel cores w/ fabric Face on Aluminum frame with complete Accessories D-5 Hollow Core Steel Door fire rated w/complete accessories cashier @ Vault W-1 3/8" thk Clear Glass on Aluminum Frame (Analok finish)

T. FLOOR MOUNTED AIRCON 3 TONNER

Split type Air conditioning units 3 tonner, X-Power inverter , 220v, 1 Phase , 60 HZ (Carrier or its Equivalent ) complete with copper tubing.

Wall mounted Xpower Silver-Indoor unit, cooling capacity 9,200-18,750 kj/hr system power Input 625-1,520, unit 9.3kg including copper tubing, breaker and all accessories needed

U. Electrical Wire

Bolt On Circuit Breaker ( 16 Branches)  
Sq.D. , ABB or GE Brand (rating to verify)

THHN/THWN wires/cable:

Duraflex/Columbia or its equivalent

PVC Ceiling Installation, EMT exposed Piping, IMC Outdoor Installation

PVC Moulding Atlanta

Outlets/Switches Neo Metal Plates :

Panasonic, National or its equivalent