

# TECHNICAL SPECIFICATIONS

## SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING

### OFFICE DETECTION AND ALARM SYSTEM

#### A. SPECIFICATIONS

- See attached equipment's specifications
- Number of units per device will be dependent upon site inspection at DBP Mati and Sta Cruz branches

#### B. OTHER TERMS AND CONDITIONS

##### 1. APPROVED BUDGET OF CONTRACT

P500,000.00 **INCLUSIVE** of parts and wirings to be used, cost of labor and installation, delivery or shipping cost, and applicable government taxes

BRANCH	APPROVED BUDGET
MATI BRANCH	PHP 350,000.00
STA CRUZ BRANCH	PHP 150,000.00

##### 2. DELIVERY

Delivery Address
DBP MATI DBP Bldg., Limatoc St., Barangay Central, Mati City, Davao Oriental
DBP STA CRUZ Stall No. 1, Sta Cruz New Public Market and Commercial Complex, National Highway, Zone III, Sta Cruz Davao del Sur

- Period: within 30-45 calendar days from receipt of Purchase Order (PO).
- Corresponding penalties shall apply for late delivery.
  - For every day delay, 1/10 of 1% of the price of undelivered quantity shall be deducted from the payment, in case the Supplier fails to deliver the items on time.
- Items must be delivered with a User's Manual.

##### 3. WARRANTY

The 1-year warranty period will commence upon issuance of Certificate of Acceptance and upon inspection of the DBP representatives. Within the warranty period, supplier is required to:

- Repair defective units and any malfunctioning parts and/or accessories for free within 2 weeks from date of notification;
- Provide free services for inspection, cleaning and/or troubleshooting as needed; and
- Replace units with persistent similar errors within the warranty period.

##### 4. TRAINING/DEMONSTRATION

Supplier must provide user's training or demonstration upon delivery or testing.

##### 5. PAYMENT

A one-time full payment shall be made after complete delivery and testing of the system or as indicated in the Purchase Order.

Prepared by:

  
**Camille Marianne M. Delos Reyes**  
Universal Processor

Approved by:

  
**VP MELITO H. TINGZON**  
Head, BBG - SM

Conforme:

\_\_\_\_\_  
Bidder's Company Name

\_\_\_\_\_  
Name & Signature of Authorized Representative

\_\_\_\_\_  
Designation

\_\_\_\_\_  
Date

TECHNICAL SPECIFICATION  
**ADDRESSABLE FIRE ALARM SYSTEM**  
 DBP – Southern Mindanao BBG

**I. Approved Budget for the Contract ₱300,000.00** (Inclusive of VAT/applicable Taxes)

Item	Quantity
Fire Detection Alarm System	1 - lot

**II. Technical Specification**

**Addressable Fire Alarm Control Panel**

- Single Loop addressable panel
- Can connect up to 128 addressable devices
- 8 zone line and fault indicator with definable level
- Self configurable via panel keyboard
- Power supply 230 VAC, 60 Hz
- Operating Environment
  1. Temperature 0 ~ + 40°C
  2. Relative Humidity 95%

**Pull Manual Switch**

- Re-settable (non-breakable Glass) via special key
- Easy 1<sup>st</sup> terminate and 2<sup>nd</sup> fix installation
- Semi-flush or surface mount installation
- Protection rating IP43
- Operating Voltage 24VDC
- Operating current
  1. Standby 0
  2. Alarm current 30mA
- Operating Environment
  1. Temperature -10 ~ +50°C
  2. Relative Humidity 95%
- Contact Resistance – 100mΩ
- Protective flip cover  
Protect manual call point from accidental activation

**Addressable Sounder Strobe**

- Addressable combined flashing high intensity LED beacon and sounder
- Two part plug-in construction with base mounted termination allowing easy connection and termination
- Electronically addressable
- Operating current
  1. Loop standby current 0.8mA, Alarm current 6.0mA
  2. Power supply standby current 10mA, alarm current 16.0mA

Conforme:
_____
Bidder's Company Name
_____
Name & Signature of Authorized Representative
_____
Designation
_____
Date
_____

Fire Detection Alarm System – DBP Southern Mindanao BBG

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- 3. Alarm volume (SPL) 95dB @ 1 meter
- Operating Environment
  1. Temperature -10 ~ +50°C
  2. Relative Humidity 95%

**Photoelectric Smoke Detector**

- Aesthetically pleasing low profile design
- 8 Bit intelligent processor with A/D converter
- Built-in algorithm maps for false alarm rejection
- Electronically addressable
- Twin LED for 360° vision
- With remote indicator output
- Removable optical chamber for easy cleaning and maintenance
- Operating Voltage 24VDC
- Operating current
  1. Standby current 0.8mA
  2. Alarm current 2mA
- Operating Environment
  1. Temperature -10 ~ +50°C
  2. Relative Humidity 95%

**One(1) – Unit - Automatic Telephone Dialer**

- Jablotron or approved equivalent

**Note:**

- All wiring must comply with standard of Electrical Engineering Code of the Philippines


Prepared by:

  
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Recommended by:

  
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 Head, RMU

Approved by:

  
**AVP JOSE C. DELA FUENTE**  
 Acting Head, CFMD  
 Per Office Order No. 234 dated 01 July 2021

<b>Conforme:</b>
_____ Bidder's Company Name
_____ Name & Signature of Authorized Representative
_____ Designation
_____ Date