



## Bid Notice Abstract

### Invitation to Bid (ITB)

**Reference Number** 7364146  
**Procuring Entity** CITY OF TANAUAN, BATANGAS  
**Title** Supply and Delivery of Emergency Alert and Dispatch System.  
**Area of Delivery** Batangas

<b>Solicitation Number:</b>	CGT- Goods- 00275	<b>Status</b>	<b>Active</b>
<b>Trade Agreement:</b>	Implementing Rules and Regulations	<b>Associated Components</b>	1
<b>Procurement Mode:</b>	Public Bidding	<b>Bid Supplements</b>	0
<b>Classification:</b>	Goods	<b>Document Request List</b>	1
<b>Category:</b>	Information Technology	<b>Date Published</b>	16/12/2020
<b>Approved Budget for the Contract:</b>	PHP 27,984,000.00	<b>Last Updated / Time</b>	16/12/2020 00:00 AM
<b>Delivery Period:</b>		<b>Closing Date / Time</b>	05/01/2021 10:00 AM
<b>Client Agency:</b>			
<b>Contact Person:</b>	VINOSA LAT ROBLES Bac Secretariat City Government of Tanauan Barangay Natatas, Tanauan City Tanauan City Batangas Philippines 4232 63-043-7289837 Ext.1123  tanauanbacsecretariat@gmail.com		

#### Description

Republic of the Philippines  
Province of Batangas  
CITY OF TANAUAN  
INVITATION TO BID

#### Description

1) The City Government of Tanauan, through the General Fund intends to apply the sum of PHP 27,984,000.00 being the Approved Budget for the Contract (ABC) to payments under the contract for the Supply and Delivery of Emergency Alert and Dispatch System . Bid received in excess of the ABC Shall be automatically rejected at bid opening.

2) The City Government of Tanauan now invites bids for Supply and Delivery of Emergency Alert and Dispatch System of the prospective bidder of all its ongoing and completed government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid, within the relevant period. The description of an eligible bidder is contained in the Bidding Documents particularly in Section II. Instruction to Bidders.

#### EMERGENCY ALERT AND DISPATCH SYSTEM

1 1 LOT STUDY AND RESEARCH - EMERGENCY ALERT AND DISPATCH SYSTEM \* CONSULTANCY \* PROJECT MANAGEMENT SERVICES \* SCHEDULING \* ESTIMATING \* CONTENT CREATION \* MASS CUSTOMIZATION (Application)

2 1 LOT SYSTEM DEVELOPMENT SERVICES \* EMERGENCY ALERT AND DISPATCH SYSTEM - COMMAND CENTER - PNP - BFP - BARANGAYS

3 1 LOT SYSTEM DEVELOPMENT SERVICES \* EMERGENCY COMMUNITY APP \* EMERGENCY RESPONDER APP  
4 51 LOT COMPUTER SET \* INTEL CORE i5 \* 4 GB MEMORY \* 2 GB VIDEO CARD \* 1 TB HARD DRIVE \* UPS \*  
KEYBOARD, MOUSE, SPEAKER \* 21" MONITOR

51 UNITS WIRELESS ROUTER WITH LOAD FOR 12 MONTHS UPON INSTALLATION  
20 UNITS RUGGED PHONE FOR RESPONDERS \* WITH 12 MONTHS MOBILE DATA LOAD  
2 UNITS 60" LED MONITOR  
1 LOT CLIENT TRANSFER OF TECHNOLOGY \* END – USERS TRAINING \* TARPAULIN AND OTHER TRAINING  
MATERIALS

#### TERMS OF REFERENCE

Supply and Delivery of Emergency Alert and Dispatch System

#### I. RATIONALE

We are living in the world where dangerous situations can happen to anybody, requiring emergency rescue assistance and relief operations. You might be on your way home from work and suddenly confront an unpredictable disaster or accident that you never imagined before. In a time like this, communication technologies and social media tools emerge as a viable solution to respond to emergencies, connect with rescue specialists and maintain personal safety.

The City Government of Tanauan seeks to strengthen its emergency preparedness program and emergency response capabilities. The City Disaster Risk Reduction and Management Office is considered as one of the region's best rescue team. While it has served the city well, technology and expectation have change. To enable to build a better Emergency Alert and Dispatch System, the Local Government is looking for a modern, comprehensive emergency and disaster preparedness tool that will reflect the character and uniqueness of City. It needs to be responsive for mobile devices, user friendly and accessible to the entire community and visitors.

This project focuses on improving the City's capability on disaster preparedness and response. Emphasis is given to the reliability, accuracy, efficiency, and the real-time aspect of an emergency response team.

#### II. OBJECTIVES

The Tanauan City Emergency Alert and Dispatch System is a community-based application for reporting incidents and emergency threat situation. The system provides an easy to use and efficient Mobile User Interface for reporting any kind of emergency. The over-all objective of this project is to enhance and improve the capability of the City to respond to emergency situations whether natural or man-made. The specific objectives are:

- A. Reducing opportunities for crimes to occur
- B. Encouraging neighborliness and self-reliance
- C. Promoting accident prevention and personal safety
- D. Enhance response time and the severity of the aftermath of such emergencies
- E. Provide responsive and effective delivery of government services to the community
- F. Maintain good public image

The main objective of this project is to provide everyone with a tool for their additional Safety and Security for FREE or at worst with a least possible cost.

#### III. SCOPE AND COVERAGE

The Tanauan City Emergency Alert and Dispatch System consists of the following modules, namely:

##### A. Alert and Dispatch System

The Alert and Dispatch System is the major component of the entire system. This module provides the mechanism and tools for unified incident information logging and recording, emergency call taking, and select appropriate agencies to dispatch. Upon receiving of the alert and incidents, the dispatcher in the Command Center evaluate the situation and dispatch the concerned Barangay, Police, Fire Fighters, EMTs as needed.

Once the appropriate button has been activated, the dispatcher receives the details of the alert including the name, address, contact number and the exact location of the incident. By displaying and viewing the incident locations, the system provides dispatchers a comprehensive view of incident status and can easily see the available responders. With this, the system empowers the dispatchers to make accurate decisions and fast responses.

The dispatcher of the Command Center will also notify and advise the concerned Barangays where the incident has just occurred. Barangays forces will be the first to assist in the incident.

Communications can also be conducted by dispatchers and the citizen reporting the incident. These can be voice messages or SMS. These communications give the dispatcher a better understanding of the incident, allowing him to better coordinate response efforts and provide accurate updates to the concerned parties.

## B. Community App

This application is specially designed for the safety and security of the citizens of Tanauan, which can provide help in just a push of a button.

When an emergency occurs, the app provides a choice of emergency options (police, fire, medical) and a non-emergency option asking for assistance. The user selects the appropriate option and taps the screen. The nature and location of the emergency is immediately sent to the Command Center to initiate the appropriate alert and dispatch procedures.

The Community App also has an innovative feature that lets you capture real time emergency scenarios using the camera icon. It can be fire, vehicular accident or any related incident. By simply pressing a button a distress signal is made and immediately received by the Command Center to give you help and assistance.

Another feature of this Community App is to encourage the people of Tanauan to help in the campaign against the COVID-19 pandemic that continuously affects us in many ways. With this project, they can take an active role in the fight against our common enemy: COVID-19. How can they help?

Residents of Tanauan can use this app to report businesses not following coronavirus safety guidelines. If you observe instances of non-compliance with COVID-19 safety guidelines at a business (by not providing hand sanitizers, failure of staff to social distance or wear a mask), you can report them by taking a photo of the non-compliance by using the "Image Feature" button of this app. Investigation and necessary actions will be performed by your local health offices.

You can also call the Tanauan City's emergency hotlines using this Community App.

## C. Responder App

This application is design for the different agencies that will be part of the response team. When an alert or emergency call is reported to the Command Center, details are automatically sent to the Responder App to alert the nearest responders to assist in the emergency.

The Alert and Dispatch System will send the notification to the Responders who are available in that area and will be notified through sound alert.

## D. Hardware

The following are the required hardware needed to implement the Tanauan City Emergency Alert and Dispatch System:

QUANTITY	ITEM
52	Computer Set
52	Wireless Router (with load for 12 months)
20	Rugged Phone
2	60-inch LED Monitor

## IV. QUALIFICATION REQUIREMENTS

1. The prospective bidder should have deployed IT solutions related to the supply and installation of Emergency Alert and Dispatch System.
2. The prospective bidder should be involved in full stack development of a web and mobile application software using the latest technology in software engineering.
3. The prospective bidder must have at least 3-year experience in the implementation of similar projects.
4. The prospective bidder must have completed government projects involving delivery, installation and configuration of computing hardware and software.
5. To guarantee responsiveness of the winning bidder for after-sales support, the bidder/participant shall preferably have a local partner in the locality and shall provide names and contact details of the persons responsible.
6. Actual site inspections and assessment by interested participants can be allowed during pre-bid conference and prior to dropping and opening of bids.
7. The Prospective bidder shall complete the delivery and installation of work within One Hundred Twenty (120) calendar days from the date of receipt of Notice to Proceed. For realistic purposes, and to allow flexibility and enough time for item/s to be imported from other countries.
8. In cases of Force Majeure within the one (1) Year warranty period (Disaster, Catastrophe or Acts of Nature), the winning bidder shall voluntarily without cost, help/assist the Client on Identifying damages and provide recommendation for the Restoration Activities.
9. Force majeure includes events such as Earthquake, Flood, Typhoon, Cyclone, Revolution, War and other cataclysmic phenomena of nature and misfortune which are beyond human prudence and foresight.

## V. DUTIES AND RESPONSIBILITIES OF THE PROSPECTIVE BIDDER

### A. Scope of Work and Activities

The prospective bidder shall furnish all equipment, labor, materials, tools and equipment, and perform all operations necessary to complete the supply, delivery, installation, testing and commissioning of the project. The prospective bidder must provide demonstration and training for IT Personnel. The Prospective bidder shall provide warranty service within the warranty period. Provision of upgrades and patches to be installed must be free of charge during the warranty period. Bidder shall be responsible for all the cost related to the warranty period for hardware products.

The Prospective bidder shall guarantee that the entire project is free from all defective workmanship and materials, and will remain so for the period of:

- o Minimum Two (1) Year Warranty on Active and Passive Components
- o Minimum One (1) Year Warranty on Workmanship

Tanauan City shall not be responsible for lack of materials and equipment to be supplied by the winning Bidder. It shall be the sole responsibility of the winning bidder to assess and re-assess on the Materials to be supplied to the Agency and shall be Tanauan City's property.

#### B. Pre-Installation

1. Submit Work Plan within five (5) working days upon receipt of Notice to Proceed

#### C. Installation

1. Supply, deliver and install the required components as specified in the Work Plan duly approved by Tanauan City and with the following Technical Specifications of this TOR.

#### D. Post-Installation

1. Conduct free training for personnel who would operate the system for all governance level.
2. Provide at least one (1) copy of the technical manual/documentation (English) in printed hard copy and electronic (soft copy) formats. The documents include equipment installation, operation, configuration and testing.
3. Render support services to Tanauan City within the warranty period as follow:
  - i. Technical support will be provided through phone calls or email within regular working hours from Monday to Friday, 8:00AM to 5:00PM
  - ii. If the supplied equipment is found defective and need to be pulled-out, the prospective bidder shall provide replacement with the same or higher specifications.
  - iii. Rectify and or/replace any part that fail to pass any test/inspection or make alteration necessary to meet the specification.

#### VI. DUTIES AND RESPONSIBILITIES OF TANAUAN CITY

1. Grant the Prospective bidder authorized representative access to its premises and facilities located therein to perform its obligations, provided that such representative shall be accompanied by the duly assigned Tanauan City personnel.
  2. Reject any unit or any part thereof that fail to pass any test and/or inspection or do not conform to specifications.
  3. Pay the Prospective bidder in accordance with condition set in the Payment Scheme.
  4. Issue a Certification of Inspection and Acceptance upon determination by Tanauan City Inspectorate Team that the delivered and installed equipment and components are usable and in good working condition.
- 3) Bidding will be conducted through open competitive bidding procedures using non-discretionary "pass/fail" criterion as specified in the Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the " Government Procurement Reform Act".
- (i) Bidding is restricted to Filipino citizens/sole proprietorships, or organizations with atleast sixty percent (60%) interest or outstanding capital stock belonging to citizens, pursuant to RA 5183 and subject to Commonwealth Act 138.
- 4) Interested bidders may obtain further information from the City Government of Tanauan and inspect the Bidding documents at the address given below during 8:00 am to 5:00 pm.
  - 5) A complete set of Bidding documents may be purchased by interested bidders on December 16, 2020

6) from the address below and upon payment of a nonrefundable fee amounting to Twenty Five Thousand Pesos (Php 25,000.00) for the Bidding Documents in the amount based on the amount of project cost.

7) The Pre-bid conference is on 2:00pm/December 23, 2020 at BAC Conference Room.

8) Bids must be delivered to the address below on or before 10:00am January 5, 2021. All bids must be accompanied by a bid security in any of acceptable forms in the amount.

A)Form of Security Minimum Amount in % of Approved Budget for the Contract to be Bid.

1)Cash, certified check, cashier's check,bank draft or irrevocable letter of credit. Two percent(2%)

2)Bank Guarantee twp percent(2%)

3)Surety Bond five percent(5%)

Bid opening shall be on 10:00am January 5, 2021 at BAC Office Conference Room. Bids will be opened in the presence of the Bidder's representatives who choose to attend at the address below. Late bids shall not be accepted.

9) The City Government of Tanauan reserved the right to accept or reject any bid, to annul the bidding process, and to reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders.

10) For further information, please refer to:

BAC Secretariat  
Goods & Consulting Services  
BAC Conference Room  
tanauanbacsecretariat@gmail.com

(SGD)  
ATTY. FERDINAND Q. PEREZ  
Chairperson Goods & Consulting Services

#### **Pre-bid Conference**

<b>Date</b>	<b>Time</b>	<b>Venue</b>
23/12/2020	2:00:00 PM	New City Hall Building 3/F BAC CONFERENCE Room Brgy Natatas, Tanauan, City

**Created by** VINOSA LAT ROBLES

**Date Created** 15/12/2020

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