



Bid Notice Abstract

Invitation to Bid (ITB)

Reference Number 8048321
Procuring Entity CITY OF TANAUAN, BATANGAS
Title Supply and Delivery of K-12 Interactive Education Hybrid Classroom Package to be used by Learners/Students of Deped Tanauan City
Area of Delivery Batangas

Solicitation Number:	CGT- GOODS- 2021- 00305	Status	Pending
Trade Agreement:	Implementing Rules and Regulations	Associated Components	1
Procurement Mode:	Public Bidding	Bid Supplements	0
Classification:	Goods	Document Request List	0
Category:	Information Technology	Date Published	04/10/2021
Approved Budget for the Contract:	PHP 42,240,000.00	Last Updated / Time	01/10/2021 19:31 PM
Delivery Period:		Closing Date / Time	26/10/2021 10:00 AM
Client Agency:			
Contact Person:	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 Special Education Fund intends to apply the sum of PHP42,240,000.00 being the Approved Budget for the Contract (ABC) to payments under the contract for the Supply and Delivery of K-12 Interactive Education Hybrid Classroom Package to be used by Learners/Students of Deped Tanauan City. 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 K-12 Interactive Education Hybrid Classroom Package 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.

- 1)1Lot
 K-12 INTERACTIVE EDUCATION HYBRID CLASSROOM PACKAGE
 Study and Research- K-12
 Education Software Application
 Consultancy
 Project Management Service, Scheduling ,
 Estimating , Content Creation
- 2)1Lot
 System Development Services
 K12A Education Software Application
 -Grade 2 Mathematics (45 Interactive Contents / Activities)
 -Grade 2 Science (45 Interactive Contents/ Activities)
 -Grade 2 English (45 Interactive Contents/ Activities per level).
- 3)1Lot
 System Development Services
 - K12 Education Software Application Online Version
 - Upgrade of K12 Education Application for Grade 1 (online version)

- 4)120 unitLaptop
 - Processor: Dual Core
 - Storage: 120g SSD
 - RAM: 4GB
 - Display: 15.6" HD TN
 - OS - Windows 10 Home SL
 * upgrade of additional 4GB RAM

- 5)120unit
 LED-SMART ANDROID TV
 - Screen Size, 65"
 - Resolution 3840 x 2160
 - Full HD, 4K UHD
 - Connectivity - WIFI and Internet, USB Ports and HDMI PORTS

- 6)120unit
 TABLET
 GSM/HSPA/LTE
 DIMENSIONS: 199.7X121.1X8.6mm
 SIM" NANO SIM
 DISPLAY: 8.0 INCHES,185.6CM
 800X1280 PIXELS
 CPU: OCTA-CORE
 MEMORY: 2 GB RAM, 32 GB RAM
 CAMERA: 5MP BACK, 2MP FRONT
 COMMS: WIFI 802.11, BLUETOOTH, A-GPS
 BATTERY: LI-PO 5100 MAH

- 7)1Lot
 Installation of K12 Hybrid Education Classroom Package to Selected Deped Schools
- 8)120package/s

Client Transfer of Technology and Software Training Packages

Inclusions:

- High-performance loudspeaker with 3.5mm audio input connector, suitable for desktop, laptop, notebook, tablet, PC, smartphone etc.
- Hard drive
- LED Ring Light 27 cm with Tripod 210cm

TERMS OF REFERENCE

Supply and Delivery of K-12 Interactive Education Hybrid Classroom Package

1) RATIONALE

The invention of Internet has brought various advantages in almost every field. It has introduced improvements in technology, communication and online entertainment, but it is also incredibly useful for education purposes as well.

The City Government of Tanauan will embark to provide K-12 Education Classroom Package in public elementary schools to assist the education sector in providing quality education. It can provide interactive learnings among teachers and learners. Through the use of its up-to-date equipment, lessons can be made enjoyable because of its high-tech features. Students are more likely to enjoy the lessons because of the hands-on and technology-oriented activities. It can help improve the level of knowledge they can acquire through the modern approach in teaching utilizing this ICT project.

1 OBJECTIVES

The City Government of Tanauan design a program that will support the "DepEd Computerization Program (DCP)" through the project "Supply and Delivery of K-12 Education Classroom Package in (44) Public Elementary Schools". The project has the following objectives:

- a. To enhance the learning outcomes. These technologies will enable educational tools to facilitate more interactive, personalized instruction, which has been found to improve learning outcomes. Many online academic enrichment services use video, animation, sound, and interaction to help student learn, to excite them about a topic, and to reinforce concepts learned in class.
- b. To facilitates the enhancement in the learning process. By engaging students more directly in the learning process, students are able to more quickly master course content and become adept at problem-solving and participating in the creation of their own content via various forms of media.
- c. To enhance the quality and effectiveness of instruction and improving the delivery of education for teachers. It brings dynamic resources into the classroom while promoting seamless communication and partnering among teachers, students and parents. It will also enhance curricula at every grade level with dynamic and interactive Internet applications.

III. SCOPE AND COVERAGE

The K12 Education Software Application consists of the following modules, namely:

A. K12 Interactive Applications

1. Interactive Math Application for Grade 2 Students

The application contains interactive activities and exercises that will assist and guide the learners in understanding and appreciation of the key concepts and principles of mathematics as applied – using appropriate technology in problem solving, critical thinking and reasoning. The activities are based on DepEd K12 Curriculum Guide for Mathematics and are based on the following domains: Numbers and Number Sense, Geometry, Patterns and Algebra, Measurement and Statistics and Probability.

2. Interactive English Application for Grade 2 Students

The application contains interactive activities and exercises that will assist and guide the learners in demonstrating grammatical awareness by being able to read, speak and write correctly. Communicate effectively, in oral and written forms, using the correct grammatical structure of English. The activities are based on DepEd K12 Curriculum Guide for English and are based on the following domains : Oral Language, Fluency, Listening Comprehension, Phonics and Word Recognition, Spelling, Vocabulary, Reading Comprehension, Writing Comprehension, Grammar, Attitude and Study Strategies/Research.

3. Interactive Science Application for Grade 2 Students

The application contains interactive activities and exercises that will assist and guide the learners in understanding the basic science concepts and application of science inquiry skills. The activities and exercises are based on the following domains: Matter, Living Things and Environment, Force, Motion and Energy, Earth and Space.

B. K12 Teacher Applications

1. Attendance Management Application

Attendance is one of those teacher’s tasks that take up valuable time at the start of the class and sometimes difficult to manage. This user-friendly app will make taking and managing of attendance easy and hassle free on the part of the teacher.

2. Test Management Application

This application is used for checking and grading multiple choice tests by using phone’s or tablet’s camera as a grading scanner. This application is good for conducting assessment or regular quizzes. It gives the teacher and students the flexibility to grade assessment instantly. It also contains the following features:

Generate QR Code for students

Printing of test answer sheet with QR code tagged to a particular student

Automatic recording of test results

3. Account Management of Learners

This feature allows the teacher to create his/her student class list per subject and section.

4. Performance Monitoring of Learners

To provide a view of learner’s performance, the teacher can generate a report or summary of test results. These include a simple pass or fail summary of assessment results.

C. Hardware

The following are the required hardware needed to implement the K12 Education Classroom Package:

QUANTITY

ITEM

120

65’ LED, Smart Android TV

120
Laptop
120
Tablet – 8.0 inch, HD Adroid

IV. QUALIFICATION REQUIREMENTS

- (i) The prospective bidder shall be involved in full stack development of a web and mobile application software using the latest technology in software engineering.
- (ii) The prospective bidder must have at least 3-year experience in the implementation of similar projects.
- (iii) The prospective bidder must have completed government projects involving delivery, installation and configuration of computing hardware and software.
- (iv) 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.
- (v) Actual site inspections and assessment by interested participants can be allowed during pre-bid conference and prior to dropping and opening of bids.

Other documentary requirements to be submitted by bidder:

- A) Certification of After Sales Support for the equipment indicating the Support, should include on-line, telephone support, on-call, on-site and replacement if the hardware is defective under warranty.
- B) Brochures or Technical Data Sheet or equivalent document for the following Items/equipment showing compliance with the required Technical Specifications.
- C) Proposed Work Plan and Detailed Implementation Schedule for the Project covering the whole period. Prospective Bidders are required to conduct site inspection. This is to ensure the reliability, security and efficiency of the required services that the prospective bidder shall perform. Timeframe should be specified for each activity to be done and shall include Gantt Chart Summary.
- D) 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.
- E) Whenever there is a conflict or ambiguity of technical preferences, the Overall Goal and Objectives of the Projects shall be considered.
- F) 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.
- G) The completion schedule provided may be extended under the following:
Delays caused by force majeure events;
Delays caused by special cases and events beyond the control of the contractor, subject for evaluation and approval by Tanauan City.
- H) In all cases, the period or number of days of extension shall be agreed upon with Tanauan City in writing;
- I) Claims for time extension of the contract period due to force majeure shall be subject to approval by Tanauan City.
- J) 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:

- a. Minimum Two (1) Year Warranty on Active and Passive Components
- b. 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.

1. Submission of Project Management Plan
2. Provision of Technical Documentation
3. Conduct of school site survey for the delivery of equipment.
4. Supply of labor, delivery and installation of equipment and components.
5. Conduct Installation and Testing
6. Conduct Training

B. Installation

- a. Supply, deliver and install the required components as specified in the Technical Specifications of this TOR.

4. Post-Installation

- a. Conduct free training for personnel who would operate the system for all governance level.
- b. 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.
- c. Render support services to Tanauan City within the warranty period as follow:
 - a.i. Technical support will be provided through phone calls or email within regular working hours from Monday to Friday, 8:00AM to 5:00PM
 - a.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.
 - a.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

a).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.

b)Reject any unit or any part thereof that fail to pass any test and/or inspection or do not conform to specifications.

c)Pay the Prospective bidder in accordance with condition set in the Payment Scheme.

d)Issue a Certification of Inspection and Acceptance upon determination by Tanauan City IT Department (or its equivalent) 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".

(vi) Bidding is restricted to Filipino citizens/sole proprietorships, or organizations with at least 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 October 4, 2021 from the address below and upon payment of a nonrefundable fee amounting to Twenty Five Thousand Pesos (Php25,000.00) for the Bidding Documents in the amount based on the amount of project cost.

6) The Pre-bid conference is on 10:00 am October 12, 2021 at BAC Conference Room.

7) Bids must be delivered to the address below on or before 10:00 am October 26, 2021 All bids must be accompanied by a bid security in any of acceptable forms in the amount.

K) 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 two percent (2%)

3)Surety Bond five percent (5%)

Bid opening shall be on 10:00 am October 26, 2021 at BAC 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.

8) Pursuant to GPPB Circular 06-2005, in case the bid resulted into a tie and after determining the Lowest Calculated and Responsive Bidder (LCRB), Highest Rated Responsive Bid (HRRB), Bid Evaluation and Post-qualification the BAC Members will convene and determine the winning bidder using the "Draw Lots" method.

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
3/F BAC Conference Room
New City Hall Building
Brgy. Natatas, Tanauan City
tanauanbacsecretariat@gmail.com

(sgd)

ATTY. JASON A. HERNANDEZ

BAC Chairperson

Bids and Awards Committee

Pre-bid Conference

Date	Time	Venue
12/10/2021	10:00:00 AM	3/F BAC CONFERENCE ROOM NEW CITY HALL BUILDING BRGY. NATATAS, TANAUAN, CITY

Created by VINOSA LAT ROBLES

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