



## Bid Notice Abstract

### Invitation to Bid (ITB)

**Reference Number** 10060254  
**Procuring Entity** CITY OF LAOAG, ILOCOS NORTE  
**Title** Supply and Delivery of Entry-Level Educational Creobotics Kit, Entry-Level Creobotic Kit with AI and IOT and Auduino Starter Kit for the Robotics Program of DepEd Laoag City  
**Area of Delivery** Ilocos Norte

<b>Solicitation Number:</b>	2023-034-E	<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>	0
<b>Category:</b>	Information Technology Parts & Accessories & Perip	<b>Date Published</b>	19/08/2023
<b>Approved Budget for the Contract:</b>	PHP 2,009,135.00	<b>Last Updated / Time</b>	19/08/2023 00:00 AM
<b>Delivery Period:</b>	30 Day/s	<b>Closing Date / Time</b>	12/09/2023 15:30 PM
<b>Client Agency:</b>			
<b>Contact Person:</b>	JOVYLYN P LUCAS BAC Secretariat Chairman Laoag City Hall Laoag City Ilocos Norte Philippines 2900 63-77-7720001 Ext.217  bac_secretariat@laoagcity.gov.ph		
<b>Description</b>			
Qty. Unit Item Description			
85 unit Entry-Level Educational Creobotics Kit			

**Technical Specifications:**

ATmega328, Light Sensor, Button, IR Receiver, Ultrasonic, Sensor, Line Follower Sensor, Buzzer, RGB LED x2, IR Transmitter, Motor x2, Bluetooth Connectivity

40 unit Entry-Level Creobotics Kit with AI and IOT

**Technical Specifications:**

CyberPi , Mbot2 Shield , Quad RGB Sensor, Encoder Motors "

57 unit Arduino Starter Kit

**Technical Specifications:**

1 x Arduino Uno R3 1 x Remote Control 1 x Servo Motor  
 1 x 1602 LCD Module 1 x Water Level Detector Sensor Module 1 x 1- Digit 7 Segment Display  
 1 x RC 522 RFID Module 1 x 4- Digit 7 Segment LED Display 1 x RGB Module  
 1 x Stepper Motor 1 x 830 Tie Points Bread board 1 x 1 Channel Relay Driver Module  
 1 x Stepper Motr Drive 1 x 9V Battery Clip w/ DC Jack 65 x Jumper Wires  
 5 x Light Emitting Diode (red) 1 x DHT11 Humiture Sensor 1 x Female-to-male Dupont Wire  
 5 x Light Emitting Diode (yellow) 1 x Flame Sensor 1 x USB Cable  
 5x Light Emitting Diode (green) 1 x Sound Sensor Module 1 x 10k Potentiometer  
 1 x Keypad 1 x Button 1 x DS 1302 RTC Module  
 3 x Photoresistor 2 x Tilt Ball Switch 1 x 5V Active Buzzer  
 1 x LM35DZ 1 x 74HC595 1 x LED Matrix  
 1 x IR Receiver 1 x 5V Passive Buzzer 30 x Resistors

\*\*\*Training of Teachers on Robotics Coding Program  
 \*\*\*With ISO 29993:2017 Certification in any training program  
 \*\*\*Consultation for Competitions and Research and Investigatory Projects.

**I. EXPECTED OUTPUT/OUTCOME**

1. Trained teachers and learners in robotics as integrated in Science;
2. Teachers/Coaches and learners are equipped and skilled in manipulating, programming and assembling robot kits;
3. Integration of robotics in science across learning areas;
4. Participation in local and international robotics competitions;
5. Robotics to be part of the SDO's Science Fair Activities;

**Line Items**

Item No.	Product/Service Name	Description	Quantity	UOM	Budget (PHP)
1	Entry-Level Educational Creobotics Kit	for Robotics Program of DepEd Laoag City	1	Lot	2,009,135.00

**Pre-bid Conference**

Date	Time	Venue
30/08/2023	3:30:00 PM	City Conference Room, City Hall Annex, Laoag City

**Other Information**

Republic of the Philippines  
 Province of Ilocos Norte  
 BIDS AND AWARDS COMMITTEE  
 CITY OF LAOAG

**INVITATION TO BID**

The LAOAG CITY, through the Government Appropriation Act – Other Supplies – Robotics FY 2023 in the Special

Education Fund intends to apply the sum of Two Million Nine Thousand One Hundred Thirty Five Pesos (Php2,009,135.00) being the Approved Budget for the Contract (ABC) to payments under the Solicitation No. 2023-034-E. Bids received in excess of the ABC shall be automatically rejected at bid opening. The LAOAG CITY now invites bids for the Supply and Delivery of Entry-Level Educational Creobotics Kit, Entry-Level Creobotics Kit with AI and IOT and Auduino Starter Kit for the Robotics Program of DepEd Laoag City.

A complete set of Bidding Documents may be purchased by interested Bidders on August 30 – September 12, 2023 from the address below and upon payment of a nonrefundable fee for the Bidding Documents in the amount of P5,000.00.

The LAOAG CITY will hold a Pre-Bid Conference on August 30, 2023 at City Conference Room, City Hall Annex, Laoag City, which shall be open only to all interested parties who have purchased the Bidding Documents.

Bids must be delivered to the address below on or September 12, 2023, 3:30PM. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB. Bid opening shall be on September 12, 2023, 3:30 PM at City Conference Room, City Hall Annex, Laoag City. Bids will be opened in the presence of the Bidders' representatives who choose to attend at the address below. Late bids shall not be accepted.

The LAOAG CITY reserves 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.

For further information, please refer to:

CONTACT PERSON:  
JOVYLYN P. LUCAS  
BAC Secretariat Chairman  
City Budget Office  
Brgy. 10 A.G. Tupaz St., Laoag City  
Tel. No. (077) 772-001; Local #: 217

APPROVED:

RUBY ANN R. BUNALADE  
CPD Coordinator  
Vice BAC Chairman

**Created by** JOVYLYN P LUCAS

**Date Created** 18/08/2023

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