

Munsang College

Tender No. : T-1718-IR-001

Tender : For SUPPLY OF ELECTRONIC BUILDING BLOCKS
FOR S1 TO S3 INFORMATION AND
COMMUNICATION TECHNOLOGY (ICT)
EDUCATION AND STEM PROGRAMME

Details : As attached including

1. Invitation Letter (*for reference only*)
2. Tender Schedule
3. Tender Form for Services/Stores

Closing Date : 12:00 noon on 4th October, 2017

Contact Person : Mr. Wong Cheuk Hang (Tel: 36553354)

For Reference Only

School Ref. No.: T-1718-IR-001

18th September, 2017

Dear Sir,

INVITATION TO TENDER
FOR SUPPLY OF ELECTRONIC BUILDING BLOCKS FOR S1 TO S3 INFORMATION AND
COMMUNICATION TECHNOLOGY (ICT) EDUCATION AND STEM PROGRAMME

You are invited to quote for organizing the supply of Electronic Building Blocks for S1 to S3 Information and Communication Technology (ICT) Education and STEM Programme as specified in the enclosed tender schedule. If you are not prepared to accept a partial order, please state this clearly on the tender schedule.

Your sealed tender, **in duplicate**, should have the attached label adhered and delivered by hand or by mail to **the Principal, Munsang College, 8 Dumbarton Road, Kowloon City, Kowloon**. It must arrive not later than **12:00 noon on 4th October, 2017**. Late tenders will not be accepted. Your tender will remain open for 90 days from the above closing date, and you may consider your tender to be unsuccessful if no order is placed with you within these 90 days. You are requested to note that unless Part II of the tender form is completed, the tender will not be considered.

The school will reserve the right to accept the whole or part of the offer received at quoted rates.

If you are unable or do not wish to quote, it would be appreciated if you return this letter and the tender forms with reason to the above address at your earliest convenience.

Kuby CHAN
Principal

Munsang College

Tender Schedule for Supply of Electronic Building Blocks for S1 to S3 Information and Communication Technology (ICT) Education and STEM Programme

(1) Item No.	(2) Description / Specification	(3) Quantity Required	(4) Unit Rate (HK\$)	(5) Total Amount (HK\$)	(6) Delivery Offered
1	<p>Electronic Building Blocks / Coding Brick: Arduino, Input Sensors, Output and Coding software programme with teaching resources and curriculum (S1 set) including PPT, worksheet and teaching plan in English</p> <p>Bits set includes the following Programmable Modules:</p> <ul style="list-style-type: none"> • NodeOne 連顯示屏 • Any combination of two sensors • N20 金屬齒輪馬達組件 • USB 數據線 • 膠盒 • 素材包 : Scratch 遙控車 	200			
2	<p>Electronic Building Blocks / Coding Brick: Arduino, Input Sensors, Output and Coding software programme with teaching resources and curriculum (S2 & S3 set) including PPT, worksheet and teaching plan in English</p> <p>Bits set include the following Programmable Modules:</p> <ul style="list-style-type: none"> • NodeOne 連顯示屏 • Any combination of two sensors • N20 金屬齒輪馬達組件 • USB 數據線 • 膠盒 • 素材包 : Smart Gate / Smart Curtain / Smart elevators (any one) 	400			
3	<p>Electronic Building Blocks / Coding Brick: Arduino, Input Sensors, Output and Coding software programme Inno Lab sets for supporting project based work of S1 to S3 students</p> <p>Bits set include the following Programmable Modules:</p> <ul style="list-style-type: none"> • Rechargeable Battery • NodeOne • Buzzer 	20			

	<ul style="list-style-type: none"> • Light Sensor • DC Motor • Output Wire • Input Wire • Double LED • Colorful LED • Bright LED • Sound Sensor • Roller Switch • Touch Switch • 4-Way Fork • Dimmer • Latch • Bargraph • "AND" Gate • "OR" Gate • Delay • Inverter • Controllable Motor • Press Switch • Light Trigger • Pulse • Motion Trigger • REED Switch • LED • RGB LED • Number Display • Wireless Transmitter • Wireless Receiver • Temperature & Humidity Sensor • Servo • Bluetooth Module 				
4	Race tracks for competition	10			
5	<p>Unit costs for spare modules / addons / accessories for Item 1 & 2</p> <p><u>Item 1</u></p> <ul style="list-style-type: none"> • NodeOne 連顯示屏 • Any combination of two sensors • N20 金屬齒輪馬達組件 • USB 數據線 • 膠盒 <p>素材包：Scratch 遙控車</p> <p><u>Item 2</u></p> <ul style="list-style-type: none"> • NodeOne 連顯示屏 • Any combination of two sensors • N20 金屬齒輪馬達組件 • USB 數據線 • 膠盒 • 素材包： <ul style="list-style-type: none"> ◆ Smart Gate ◆ Smart Curtain ◆ Smart elevators 	1			

	Item 3 <ul style="list-style-type: none"> • Rechargeable Battery • NodeOne • Buzzer • Light Sensor • DC Motor • Output Wire • Input Wire • Double LED • Colorful LED • Bright LED • Sound Sensor • Roller Switch • Touch Switch • 4-Way Fork • Dimmer • Latch • Bargraph • "AND" Gate • "OR" Gate • Delay • Inverter • Controllable Motor • Press Switch • Light Trigger • Pulse • Motion Trigger • REED Switch • LED • RGB LED • Number Display • Wireless Transmitter • Wireless Receiver • Temperature & Humidity Sensor • Servo • Bluetooth Module 				
6	Technical and normal bricks for DIY projects (20kg)				
7	Onsite training session to school for Item 1 & 2 <ul style="list-style-type: none"> ◆ For set up coding software (for 60 student computers) ◆ For the use of using the teaching materials 	3			
8	Warranty Cost for Item 1 – Item 5	3 Years			
9	Supporting services on the STEM competition and exhibition	1			

TENDER FORM FOR
Supply of Electronic Building Blocks for S1 to S3 Information and Communication
Technology (ICT) Education and STEM Programme

Name and Address of School: Munsang College

8 Dumbarton Road, Kowloon City, Kowloon

School Ref. No.: T-1718-IR-001

Tender Closing Date and Time: 12:00 noon on 4th October, 2017

PART I

The undersigned hereby offers to undertake the services as described in the tender schedule within the period of time as specified therein from the date of a firm order placed by the school at the price or the prices quoted in the tender schedule including labour, materials, all other charges and in accordance with the details provided by the schools. In so doing, the undersigned acknowledges that all items not otherwise specified shall be in accordance with such details; tenders shall REMAIN OPEN FOR 90 DAYS after the Closing Date; and the school is not bound to accept the lowest or any tender and reserves the right to accept all or any part of any tender within the period during which the tenders remains open. The undersigned also warrants that his Company's Business Registration and Employees' Compensation Insurance Policy are currently in force and that the service which his Company offers to undertake will not cause any damage to the school's premises.

PART II

RECONFIRMATION OF TENDER VALIDITY

With reference to Part I of this tender document, it is reconfirmed that the validity of tender offered by this company remains open for 90 days from 4th October, 2017.

The undersigned also agrees to accept the fact that once the validity of tender is reconfirmed, the pre-printed clause specified in the Company's tender forms in regard to this nature shall NOT apply.

Dated this _____ day of _____ 20____.

Name (in block letters): _____

Signature _____ in the capacity of _____.

(state official position, e.g. Director, Manager, Secretary, etc.)

Duly authorized to sign tenders for and on behalf of :-

whose registered office is situated at _____

Hong Kong.

Telephone No.: _____

Fax No.: _____