



福建中學(小西灣)  
FUKIEN SECONDARY SCHOOL  
(SIU SAI WAN)

香港小西灣富怡道二號  
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招標書

學校檔號: T10/2025-2026

掛號郵件

執事先生:

邀請招標

承投採購採購 VEX-V5 及 VEX-IQ 機械人及零件

1. 現誠邀貴公司承投提供隨附的投標附表上所列的物料或服務。倘貴公司不擬接納部分訂貨，請於投標附表上清楚註明。
2. 入標公司必須提交整套標書一式兩份，並放置信封內封密(供應商不可在信封面上顯示該公司的身份)。信封面應清楚註明：「承投採購採購 VEX-V5 及 VEX-IQ 機械人及零件投標書」  
投標書應寄往中國香港小西灣富怡道二號福建中學(小西灣)校務處收，並須於**2025年12月4日 4:15 PM**前送達上述地址。逾期的投標，概不受理。貴公司的投標書有效期為90天，由上述截止截標日期起計。如在該90天內仍未接獲訂單，則是次投標可視作落選論。另外亦請注意，貴公司必須填妥投標表格第II部分，否則標書概不受理。
3. 倘貴公司未能或不擬報價/投標，亦請盡快把投標表格寄回上述地址，並列明不擬投標的原因。
4. 學校邀請招標承投所需物品/服務時，會以\*「整批」/「分組」/「分項」形式考慮接受供應商的書面報價/投標。

福建中學(小西灣)校長



梁健文博士啟

2025年11月13日

## 承投採購採購VEX-V5及VEX-IQ機械人及零件的投標表格

學校名稱及地址： 福建中學(小西灣)  
香港小西灣富怡道二號

學校檔號： T10/2025-2026

截標的日期和時間： 2025年12月4日 4:15 PM

**第 I 部分**

下方簽署人願意按照所列的價格(其他費用全免)，以及校方提供的任何圖則及/或規格，供應夾附的投標附表上所列的全部或部分項目，而交貨期限已於正式訂單上註明。下方簽署人知悉，所有未經特別註明的項目，如已在英國標準規格內有所訂明，則須符合該等規格，投標書由上述截止日期起計90天內仍屬有效；校方不一定採納索價最低的投標書或任何一份投標書，並有權在投標書有效期內，採納某份投標書的全部或部分內容。下方簽署人亦保證其公司的商業登記及僱員補償保險均屬有效，而其公司所供應的各個項目並無侵犯任何專利權。

**第 II 部分****再行確定投標書的有效期**

有關本投標書的第I部分，現再確定本公司的投標書有效期由\_\_\_\_\_ 上述截標日期起計為90天。

下方簽署人亦同意，投標書的有效期一經再行確定，其公司就該事項註明於投標表格內的預印條文，即不再適用。

**第 III 部分**

承辦人、其僱員及代理人不得向其所屬學校僱員、校董會/法團校董會成員，或負責考慮與本標書及合約相關事宜的有關委員會的任何人士(包括家長或學生代表)提供利益，(香港法例第201章《防止賄賂條例》所界定的利益)。承辦人、其僱員及代理人向有關人士提供任何利益，根據《防止賄賂條例》可構成罪行，並可導致標書及合約無效。學校亦可取消有關標書及合約，而承辦人須為其所屬學校所蒙受的任何損失或損害負人法律責任。

**第 IV 部分**

為確保服務質素，承辦商不可把服務/採購工作分判予第三者。

(a) 事先未獲校方的法團校董會書面同意，承辦商不得分判、轉讓或出讓或處置合約或其任何部分或任何權利及義務。

(b) 事先未獲校方的法團校董會書面同意，承辦商不得就履行合約的任何部分，與任何人訂立任何分判合約。如承辦商認為有需要分判部分工作或服務，承辦商便必須提交建議的分判合約予校方的法團校董會審批。法團校董會保留權利批准分判，以及決定分判合約的條款及條件。

(c) 承辦商即使就履行合約的任何部分訂立任何分判合約，仍須承擔全部責任，不可免除有關義務，並須就次承辦商、其僱員及代理人的作為、失責或疏忽行為負責。

**第 V 部分**

即使報價/招標文件中有任何相反的規定，學校保留以供應商曾經、正在或有理由相信供應商曾經或正在作出可能構成或導致發生危害國家安全罪行的行為或活動為由，取消其供應商資格的權利，又或為維護國家安全，或為保障香港的公眾利益、公共道德、公共秩序或公共安全，而有必要剔除有關供應商。

日期： \_\_\_\_\_ 年 \_\_\_\_\_ 月 \_\_\_\_\_ 日

姓名(請以正楷填寫)： \_\_\_\_\_

簽署人： \_\_\_\_\_

職銜： \_\_\_\_\_ (請註明職位，例如董事、經理、秘書等)

上方簽署人已獲授權，代表：

\_\_\_\_\_ 公司簽署投標書，該公司在

香港註冊的辦事處地址為 \_\_\_\_\_

電話號碼： \_\_\_\_\_ 傳真號碼： \_\_\_\_\_

書面報價內容要求(須填寫一式兩份)

第(4)、(5)和(6)欄由投標者填寫

承辦商必需欄寫以下表格，以“Refers to Quotation” 回覆等則不考慮

附件二

(1) 項目	(2) 要求細則	(3) 數量	(4) 單價 (HK\$)	(5) 總額 (HK\$)	(6) 補充描述
1	<p><b>VEX IQ Competition Kit</b></p> <p>Each of the kit should contain the following compartment with the specific quantity stated in the bracket “( )” at the front of each item</p> <p><b>1. Electronics compartment:</b></p> <p>(1) Robot Brain (2nd generation)   (6) Smart Motor   (1) Controller (2nd Generation)   (1) Robot Battery (Li-Ion, 2000 mAh)</p> <p>(1) Touch LED   (1) Bumper Switch   (1) Optical Sensor   (1) Distance Sensor   (2) 600mm Cable   (2) 400mm Cable</p> <p>(3) 300mm Cable   (4) 200mm Cable   (1) USB A-C Cable</p> <p><b>2. Motion compartment:</b></p> <p>(2) Tire (200 mm Travel)   (16) 12 Tooth Gear   (6) 36 Tooth Gear   (2) 60 Tooth Gear   (2) Worm Gear</p> <p>(2) Double 2x Wide, 2x2 Corner Connector   (8) 24 Tooth Gear   (4) 48 Tooth Gear   (113) Chain Link</p> <p>(160) Tank Tread Attachment Link   (8) 8 Tooth Sprocket   (6) 16 Tooth Sprocket   (6) 24 Tooth Sprocket</p> <p>(13) Traction Link   (11) Short Intake Flap   (10) Medium Intake Flap   (8) Long Intake Flap</p> <p>(2) 1x4 Crank Arm with 23 Tooth Gear   (8) 12t Hybrid Gear   (6) 24t Hybrid Gear   (6) 36t Hybrid Gear</p> <p>(2) 12x Pitch Shaft   (8) Double 1x Wide, 1x1 Corner Connector   (5) Double 2x Wide, 1x2 Corner Connector</p> <p>(8) Double 1x Wide, 2x1 Corner Connector   (6) Double 2x Wide, 1x2 Offset Corner Connector</p> <p>(4) Double 2x Wide, 2x2 Double Offset Corner Connector   (4) 1x Wide, 1x2 Corner Connector</p> <p>(4) 2x Wide, 1x3 Offset Corner Connector   (5) 1x Pitch Plastic Motor Shaft</p> <p>(4) 2x Wide, 60 Degree Omni 1x2 Corner Connector   (4) 2x Wide, 30 Degree Right 1x2 Corner Connector</p> <p>(4) 2x Wide, 30 Degree Left 1x2 Corner Connector   (2) 1x1 Left Corner Beam   (2) 1x1 Right Corner Beam</p> <p>(4) 2x1 Left Corner Beam   (4) 2x1 Right Corner Beam   (2) 2x2 Left Corner Beam   (2) 2x2 Right Corner Beam</p> <p>(2) 2x1 Extended Left Corner Beam   (2) 2x1 Extended Right Corner Beam   (2) 2x2 Extended Left Corner Beam</p> <p>(2) 2x2 Extended Right Corner Beam   (2) 1x Wide Spool   (2) 2x Wide Spool   (2) 12x Pitch Rope   (2) 24x Pitch Rope</p> <p>(1) 48x Pitch Rope   (2) Silicone Rubber Band #32   (2) Silicone Rubber Band #117B   (2) 6x2x2 Tee Beam</p> <p>(1) 2x8 Smooth Panel   (8) 8x Pitch Standoff   (10) Truss Standoff Connector</p> <p>(8) 1x6 (3-4-5 Triangle) Diagonal Offset Truss Beam   (2) 7x9x11 (6-8-10 Triangle) Truss Plate   (4) 1x3 Center Lock Beam</p> <p>(2) 3x3 Wye Lock Beam   (6) 2x3 Delta Tee Beam   (6) 2x4x2 Double 60 Degree Beam   (2) Small Wheel Hub (44mm)</p> <p>(3) 2x30 mm Square Silicone Band   (4) 2x4 Wedge Beam   (4) 3x5 Wedge Beam</p> <p>(8) Triple 1x Wide, 1x1 Corner Connector   (8) Triple 2x Wide, 2x2 Corner Connector   (2) 1x2 Left Chassis Corner Connector</p> <p>(2) 1x2 Right Chassis Corner Connector   (4) Quad 2x Wide, 2x2 Corner Connector</p> <p>(4) 2x Wide, 3x3 60 Degree Angle Beam   (4) Cam Follower   (2) Small 2x Pitch Drop Cam   (2) Large 1x Pitch Drop Cam</p> <p>(2) 4x3 1x Offset Trapezoid Beam   (1) 6x Pitch Flywheel (75g)   (2) 16 Tooth Ratchet   (3) Short Low-Profile Pawl</p> <p>(8) .5x Pitch Idle Pulley   (6) 1x6 Linear Motion Beam   (6) 1x8 Linear Motion Beam   (6) 2x Pitch Linear Motion Bracket</p> <p>(4) 1x Pitch Linear Motion Bracket (Snap)   (8) 1x6 Continuous Linear Motion Rack Gear</p> <p>(1) 2x Pitch Shock Absorber (Strong)   (4) 2x2 30 Degree Beam   (4) 2x2 45 Degree Angle Beam</p> <p>(5) 1x4 Low-Profile End Lock Beam   (4) 2x6x2 30 Degree Jugged Beam   (1) 2x Pitch Shock Absorber (Weak)</p> <p>(4) 3x12 Girder Plate: 2x8 2x Offset Trapezoid   (16) Ball Pin Bushing   (2) 1x3 Ball Socket Linkage</p> <p>(2) 1x4 Ball Socket Linkage   (8) 1x4 Single-Ended Ball Socket Beam   (10) 2x2 Center Offset Round Lock Beam</p>	10			

(1) 項目	(2) 要求細則	(3) 數量	(4) 單價 (HK\$)	(5) 總額 (HK\$)	(6) 補充描述
2	<p>(4) 2x Wide, Ø32.2mm Diameter Hub   (2) 2x Wide, Ø48.5mm Diameter Hub            (4) 2x Wide, 3.5x Pitch Diameter Balloon Tire(Trapezoid Offroad Tread)            (2) 2x Wide, 5x Pitch Diameter Balloon Tire (Racing Slick Tread)   (1) Pin Tool   (2) Small Rubber Intake Belt            (1) Large Rubber Intake Belt   (3) 2x Pitch Capped Shaft   (3) 3x Pitch Capped Shaft   (3) 4x Pitch Capped Shaft            (2) 5x Pitch Capped Shaft   (4) 2x Pitch Motor Shaft   (4) 3x Pitch Motor Shaft   (4) 4x Pitch Motor Shaft            (2) 2x12 Plastic Sheet   (2) 6x12 Plastic Sheet   (4) Omni Wheels</p> <p>3. Structure compartment:            (5) 1x2 Beam   (6) 1x3 Beam   (7) 1x4 Beam   (8) 1x5 Beam   (6) 1x6 Beam   (4) 1x7 Beam   (8) 1x8 Beam            (4) 1x9 Beam   (6) 1x10 Beam   (2) 1x11 Beam   (4) 1x12 Beam   (2) 1x13 Beam   (2) 1x14 Beam   (4) 1x16 Beam            (2) 1x18 Beam   (2) 1x20 Beam   (5) 2x2 Beam   (4) 2x3 Beam   (6) 2x4 Beam   (4) 2x5 Beam   (6) 2x6 Beam            (6) 2x7 Beam   (6) 2x8 Beam   (2) 2x9 Beam   (4) 2x10 Beam   (10) 2x12 Beam   (2) 2x14 Beam   (4) 2x16 Beam            (2) 2x18 Beam   (8) 2x20 Beam   (2) 3x3 Plate   (4) 3x4 Plate   (2) 3x10 Plate   (4) 3x16 Plate            (4) 4x4 Plate   (2) 4x8 Plate   (221) 1x1 Connector Pin   (53) 1x2 Connector Pin   (21) 2x2 Connector Pin            (11) 0.25x Pitch Standoff   (13) 0.5x Pitch Standoff   (13) 1x Pitch Standoff   (15) 2x Pitch Standoff   (5) 4x Pitch Standoff            (6) 6x Pitch Standoff   (7) 1x1 Idler Pin   (6) 2x Pitch Plastic Motor Shaft   (6) 4x Pitch Plastic Motor Shaft            (6) 3x Pitch Capped Plastic Shaft   (4) 5x Pitch Capped Plastic Shaft   (7) 0x2 Idler Pin   (22) 0x2 Connector Pin            (21) 0x3 Connector Pin   (6) 3x Pitch Plastic Motor Shaft   (50) 0x1 Sheet Pin   (11) 0.5x Pitch Standoff Extender            (24) Washer   (28) 0.25x Pitch Spacer   (2) 4x Pitch Shaft   (4) 6x Pitch Shaft   (6) Large Chassis Corner Connector            (15) Small Chassis Corner Connector   (11) 2x Wide, 1x2 Corner Connector   (9) 1x Wide, 1x1 Corner Connector            (13) 1x Wide, 1x1 Offset Corner Connector   (4) 2x Wide, 2x1 Offset Corner Connector   (5) 2x Wide, 2x1 Corner Connector            (3) 2x Wide, 1x1 Offset Corner Connector   (10) 2x Wide, 2x2 Corner Connector   (8) 2x Wide, 1x2 Offset Corner Connector            (4) 2x Wide, 2x2 Offset Corner Connector   (4) 2x Wide, 3x2 Corner Connector   (32) Rubber Shaft Collar            (4) 3x4 Tee Beam   (5) 2x3 Right Angle Beam   (4) 3x3 Right Angle Beam   (4) 3x3 30 Degree Angle Beam            (4) 3x3 45 Degree Angle Beam   (4) 3x3 60 Degree Angle Beam   (4) 3x5 Right Angle Beam            (4) 4x4 Offset Right Angle Beam   (10) 1x1 Beam   (3) Rubber Band Anchor   (11) Cable Anchor            (13) Mini Standoff Connector   (12) Straight Standoff Connector   (9) End Standoff Connector            (10) 45 Degree Standoff Connector   (9) 90 Degree Standoff Connector   (4) 2x11 Beam</p> <p><b>VEX V5 Competition Super Kit</b>            Each of the kit should contain the following compartment with the specific quantity stated in the bracket “()”</p> <p>1. Electronics compartment:            (1) V5 Robot Brain   (1) V5 Controller   (1) V5 Robot Radio   (1) V5 Robot Battery Li-Ion 11 00mAh            (1) V5 Robot Battery Cable   (1) V5 Robot Battery Charger   (8) V5 Smart Motor   (2) 36:1 Smart Motor Cartridge            (1) Vision Sensor   (4) Bumper Switch v2   (3) 300mm Smart Cables   (3) 600mm Smart Cable            (2) 900mm Smart Cable   (1) 1200mm Smart Cable   (2) 1500mm Smart Cable   (1) USB A to Micro Cable</p> <p>2. Motion compartment:            (4) 4" Omni-Directional Wheel   (4) 4" Wheels   (8) 12T Metal Pinion   (8) 36T High Strength Gears            (8) 60T High Strength Gears   (8) 84T High Strength Gears   (32) High Strength Square Gear Inserts            (32) Free Spinning Gear Inserts   (4) 6T High Strength Sprockets   (6) 12T High Strength Sprockets            (6) 18T High Strength Sprockets   (2) 24T High Strength Sprockets   (2) 30T High Strength Sprockets            (700) High Strength Chain Links   (100) Chain Attachment Links   (50) Tank Tread Traction Links</p>	4			

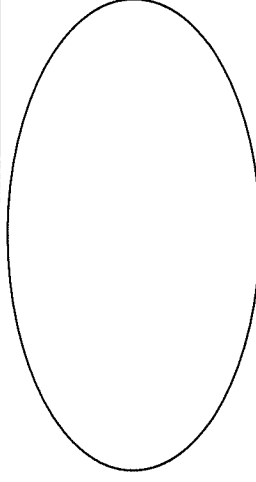
(1) 項目	(2) 要求細則	(3) 數量	(4) 單價 (HK\$)	(5) 總額 (HK\$)	(6) 補充描述
	<p>(60) Conveyor-belt Base Links   (20) Short Conveyor-belt Inserts   (20) Medium Conveyor-belt Inserts                      (20) Tall Conveyor-belt Inserts   (2) 2" Shafts   (4) 3" Shafts   (2) 4" Shafts   (16) 12" Shafts   (4) 12" High Strength Shafts                      (20) High Strength Shaft Bearings   (20) High Strength Clamping Shaft Collars   (96) Shaft Collars   (32) #8-32 Setscrews                      (30) Rubber Shaft Collars   (8) Intake Rollers   (70) 1/2" Nylon Spacers   (60) 1/16" High Strength Shaft Spacers                      (40) 1/8" High Strength Shaft Spacers   (20) 1/4" High Strength Shaft Spacers   (20) 1/2" High Strength Shaft Spacers                      (80) 1/8" Nylon Spacers   (80) 1/4" Nylon Spacers   (70) 3/8" Nylon Spacers</p> <p>3. Structure compartment:                      (2) 1x2x1x25 Aluminum C-Channels   (24) 1x2x1x35 Aluminum C-Channels   (12) 1x3x1x35 Aluminum C-Channels                      (6) 5x25 Aluminum Plates   (4) 2x2x25 Aluminum Angles   (4) 1x1x35 Aluminum Angles   (4) 90-Degree Gussets                      (175) #8-32 x 1/4" Locking Star Drive Screws   (125) #8-32 x 1/2" Locking Star Drive Screws                      (250) #8-32 x 3/8" Star Drive Screws   (225) #8-32 x 1/2" Star Drive Screws   (100) #8-32 x 7/8" Star Drive Screws                      (75) #8-32 x 1.000" Star Drive Screws   (50) #8-32 x 1.250" Star Drive Screws   (50) #8-32 x 1.500" Star Drive Screws                      (25) #8-32 x 1.750" Star Drive Screws   (10) #8-32 x 2.000" Star Drive Screws                      (20) 1-Post Hex Nut Retainers w/ Bearing Flat   (20) 1-Post Hex Nut Retainers   (20) 4-Post Hex Nut Retainers                      (700) #8-32 Nylock Nuts   (100) #8-32 Hex Nuts   (12) Pillow Block Bearings   (40) Bearing Flats   (4) 3" Standoffs                      (8) Drive Shaft Bar Locks   (20) 1/2" Standoffs   (30) 3/4" Standoffs   (20) 1" Standoffs   (40) 2" Standoffs</p> <p>4. Tools &amp; Accessories:                      (20) #64 Rubber Bands   (600) 4" Zip Ties   (50) 11" Zip Ties   (1) 12" X 15" Anti Slip Mat (Thick)                      (4) T15 Star Screwdrivers   (2) T15 Star Keys   (2) T8 Star Keys   (6) Open End Wrenches</p>				

本機構 / 本人明白，如收到學校訂單後未能供應招標文件上所列服務，本機構 / 本人須負賠償學校從另處採購上述服務的差價。

報價者: \_\_\_\_\_

由獲授權簽署招標書的代表姓名: \_\_\_\_\_ 簽署: \_\_\_\_\_

日期: \_\_\_\_\_



公司印鑑

## 申報利益表

1. 你在福建中學(小西灣)內有沒有人或業務利益關係(註譯1)? 有/沒有#  
如有的話，請說明。

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2. 你的家人或親屬(註譯2)有沒有擔任此學校的現任職位? 有/沒有#  
如有的話，請提供姓名及關係。

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### 註譯

(註譯1)個人利包括你參予經營 / 承包學校的各項服務等。

(註譯2)你的家人或你的親屬包括:

- (a) 你的配偶;
- (b) 你的父母;
- (c) 你的配偶父母;
- (d) 你的兄弟姊妹及其配偶; 以及
- (e) 你或你的配偶的子女及其配偶。

申報人簽署: \_\_\_\_\_ 申報人姓名: \_\_\_\_\_ 日期: \_\_\_\_\_

#請將不適用者刪去

## 不擬投標通知書

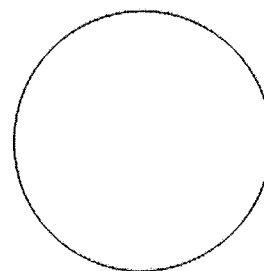
敬啟者：

本公司現知會 貴校，本公司不擬投標 貴校學校採購採購VEX-V5及VEX-IQ機械人及零件 [學校檔號：T10/2025-2026] 之項目，原因如下：

- 未能提供標書所示服務或產品
- 未能達到標書所示要求或規格
- 未能於截標限期前遞交標書
- 其他(請註明)\_\_\_\_\_

此致

福建中學(小西灣)



公司印鑑

公司名稱：\_\_\_\_\_

公司負責人姓名：\_\_\_\_\_

公司負責人簽署：\_\_\_\_\_

日期：\_\_\_\_\_

## 回郵標籤

供應商必須使用以下格式的回郵標籤，同時不可在信封面上顯示任何能識別報價者身份的資料。

福建中學(小西灣)  
小西灣富怡道二號  
校長收啟

承投「採購採購VEX-V5及VEX-IQ機械人  
及零件」標書  
標書編號：T10/2025-2026

限閱文件