



澳門大學
UNIVERSIDADE DE MACAU
UNIVERSITY OF MACAU

ADMO-PCT/F/001-R0

邀請報價

供應商:致各競投者	傳真號碼:	電話號碼:
採購申請編號:124510	日期:31/08/2020	頁數:2 + Attachment (6 pages)
電郵地址:		

煩請 貴商號就下列貨品或服務提供報價，並請 貴商號根據以下要求於指定時間前將有關報價資料送交本大學為荷。逾時遞交報價者，本大學恕不接受。

限期：2020年9月7日17時30分或之前

1. 貨物或服務內容：

項目	內容	數量	價目
1	Acquisition of (1) One glass separating funnel; (2) One set of pipette box and disposable dropper; (3) One set of syringe with needle; (4) One set of Lens wiping paper for Microscope, Filter paper and Weighing paper; (5) One set of lab coats and lab safety goggle; (6) One set of vial crimp ; (7) One set of coverslip for microscope and gastight syringes; (8) One set of valve bag and watercolumns; (9) One set of Reagent; and (10) One set of chemical *Detail please refer to the attachment (6 pages) *Or equivalent or above	1.0	
****請於報價單上簽署及蓋上有效的競投商號／公司印章。			

* 如 貴商號為區域總代理商/總程式及軟件開發商/總維修站等，或已取得ISO9000或ISO14000認證，須提交相關證明文件或聲明書以作評選之用。

** 歡迎提供相關環保產品，以供選擇。

2. 送交報價單形式：

☒ 傳真No.：28831103／電郵方式：EllaSou@um.edu.mo；

☒ 報價單直接送交至澳門大學，N6 行政樓，4012 室採購處。在信封面上請註明〔報價單〕字樣及〔採購申請編號〕並封口蓋上公司印章。

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3. 報價條件：

- ☒ 交貨日期； ☐ 遞交樣本； ☒ 保養日期； ☐ 完工日期； ☒ 付款方式；
☒ 報價單條款及有效日期； ☐ 附同 (M1) 及 (M8) 營業稅單副本；

如蒙垂詢，請聯絡 蘇小姐（電話：+ 853 8822 8568 及電子郵件：EllaSou@um.edu.mo

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採購處處長

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備註：

競投者在投標前有責任閱讀刊登於大學網頁的 "競投者注意事項"

(https://pct.admo.um.edu.mo/for-suppliers/attention-to-all-bidders_ch/)。倘有需要，競投者可聯絡大學採購負責人員索取有關資料。

澳門大學已更新「澳門大學註冊供應商登記系統」，請即登入新系統註冊/更新公司資料！

登記網站：<https://isw.um.edu.mo/epctsp>

查詢電話：8822 8487呂小姐 / 8822 8533伍小姐 / 8822 4830黎小姐

查詢電郵：PCTSupplierMgmt@um.edu.mo



掃一掃登入網站

PR#124510 - Specification of items

Item	Description	Specification	Reference Brand	Reference Model / Cat No.	Packing Size	Quantity	Unit	Unit Price (MOP)	Total Amount (MOP)
1	Glass Separating funnel 500mL	-PTFE piston with standard port -Barrier Glass	豐固玻璃 or 蜀牛	N/A	500mL / pc	10	pc		
2	Pipette box and Disposable dropper								
2.1	10μL pipette box	-Suitable for 0.1 – 10 μL, 34mm pipette tips -The trays and boxes can be autoclaved at 121 °C for subsequent use.	Thermofisher or Eppendorf	N/A	96 holes/box	5	box		
2.2	200μL pipette box	-Suitable for 2 – 200 μL, 53 mm pipette tips -The trays and boxes can be autoclaved at 121 °C for subsequent use.	Thermofisher or Eppendorf	N/A	96 holes/box	5	box		
2.3	1mL pipette box	-Suitable for 50 – 1000 μL, 105 mm pipette tips -The trays and boxes can be autoclaved at 121 °C for subsequent use.	Thermofisher or Eppendorf	N/A	96 holes/box	5	box		
2.4	5mL pipette box	-Suitable for 5000 μL, 147 mm pipette tips -The trays and boxes can be autoclaved at 121 °C for subsequent use.	Thermofisher or Eppendorf	N/A	28 holes/box	5	box		
2.5	Disposable dropper	-Size: 3 ml -Polyethylene material	N/A	N/A	100pcs/pack	50	pack		
3	Syringe with needle								
3.1	Syringe with needle-1mL	-Size: 1ml -Separate aseptic packaging -Sterile, disposable -With detachable Needle	聖光牌 or 洪達	N/A	500支/pack	6	pack		
3.2	Syringe with needle-2.5 mL	-Size: 2.5 ml -Separate aseptic packaging -Sterile, disposable -With detachable Needle	聖光牌 or 洪達	N/A	500支/pack	4	pack		
3.3	Syringe with needle-5 mL	-Size: 5 ml -Separate aseptic packaging -Sterile, disposable -With detachable Needle	聖光牌 or 洪達	N/A	500支/pack	20	pack		
3.4	Syringe with needle-10mL	-Size: 10 ml -Separate aseptic packaging -Sterile, disposable -With detachable Needle	聖光牌 or 洪達	N/A	500支/pack	1	pack		
						Sub-Total (Item 3.1 - 3.4)			



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Item	Description	Specification	Reference Brand	Reference Model / Cat No.	Packing Size	Quantity	Unit	Unit Price (MOP)	Total Amount (MOP)
4	Lens wiping paper, Filter paper and Weighing paper								
4.1	Lens wiping paper for Microscope:	-Size: 10x15cmx100 sheets/book -For cleaning Glass lenses; -Never scratches glass lenses, objectives, or other delicate surfaces; -Sheets are glued and bound in a booklet for easy removal	科普 or 杭州寧泰造紙有限公司	N/A	100 sheets/book	50	book		
4.2	12.5cm Quantitative Filter paper	-Diameter : 12.5cm -Parameter : Medium flow rate -Shape: Circles	雙圈 or 富陽	N/A	100pcs/pack	10	pack		
4.3	120x120 mm Weighing paper (sulphate paper)	-Size: 120x120 mm -Glossy surface -Strong enough to support dense material -Non absorbent	N/A	N/A	500pcs/pack	5	pack		
5	Lab coats and Lab safety goggle								
5.1	長袖實驗室服白大褂(厚款)(I)	-Size: XL -Long sleeve -Thick	N/A	N/A	1 pc	2	pc		
5.2	長袖實驗室服白大褂(厚款)(II)	-Size: L -Long sleeve -Thick	N/A	N/A	1 pc	2	pc		
5.3	長袖實驗室服白大褂(厚款)(III)	-Size: M -Long sleeve -Thick	N/A	N/A	1 pc	2	pc		
5.4	長袖實驗室服白大褂(厚款)(IV)	-Size: S -Long sleeve -Thick	N/A	N/A	1 pc	2	pc		
5.5	實驗室安全護目鏡	-Splash proof -Antifogging	台灣五揚 or 3M	N/A	1 pc	10	pc		
6	Crimp Vials and caps for GC/LC operation								
6.1	Vials for GC/LC operation	-Volume: 2ml -Cap Size: 11 mm -Glass Tint: Amber -With write-on spot	Agilent or ThermoFisher	5181-3376 or C4012-2W	100pcs/pack	10	pack		
6.2	Caps for GC/LC operation	-Crimp caps with septa -Cap size: 11 mm -Cap Material: Aluminum -Septa Material: PTFE/red rubber	Agilent or ThermoFisher	5183-4498 or C4011-4A	1000pcs/pack	1	pack		
	Sub-Total (Item 6.1 and 6.2)								




PR#124510 - Specification of items

Item	Description	Specification	Reference Brand	Reference Model / Cat No.	Packing Size	Quantity	Unit	Unit Price (MOP)	Total Amount (MOP)
7 Coverslip for microscope and Gastight Syringes									
7.1	18x18mm Coverslip for microscope	-Size: 18x18mm -Material: glass	好時 or 帆船牌(SAIL BRAND)	N/A	1000pcs/pack	5	pack		
7.2	Gastight Syringes(I)	-Volume (Metric): 10 microliter -Gastight for GC operation	Hamilton or Agilent	N/A	1pc / pack	5	pack		
7.3	Gastight Syringes(II)	-Volume (Metric): 50 microliter -Gastight for GC operation	Hamilton or Agilent	N/A	1pc / pack	3	pack		
7.4	Gastight Syringes(III)	-Volume (Metric): 500 microliter -Gastight for GC operation	Hamilton or Agilent	N/A	1pc / pack	1	pack		
Sub-Total (Item 7.1 - 7.4)									
8 Valve bag and Watercolumns									
8.1	Valve bag (I)	-Size: 8*12cm, -Thickness: 30 Silk	N/A	N/A	1pc / pack	3	pack		
8.2	Valve bag (II)	-Size: 15*20cm -Thickness: 30 Silk	N/A	N/A	1pc / pack	3	pack		
8.3	Watercolumns	With removable head, effluent outlet, funnel, baffle, water jacket, water circulation and influent inlet. Inner diameter 90mm, water circulation width 30mm. Height from bottle until baffle 400mm; from baffle until effluent outlet 60mm 帶有可移動的水頭，污水出口，漏斗，擋板，水套，水循環和污水入口。內徑90mm，水循環寬度30mm。從瓶子到擋板的高度400mm；從擋板到出水口60mm	Tree Products Limited or 山友行	N/A	1pc / set	4	set		
Sub-Total (Item 8.1 - 8.3)									
9 Reagent									
9.1	Ammonia Nitrogen Reagent	-Volume: 500ml -For ammonia nitrogen determination by the Nessler method (Hach method 8038)	HACH	2119449	500ml/bottle	7	bottle		
9.2	COD High Range Reagent	-For determination of high range Chemical Oxygen Demand (COD) by the Hach Method 8000. -Range: 20 -1500 mg/L COD	HACH	2125915	150 vials/pack	6	pack		



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Item	Description	Specification	Reference Brand	Reference Model / Cat No.	Packing Size	Quantity	Unit	Unit Price (MOP)	Total Amount (MOP)
9.3	Phosphorus (Total) TNT Reagent Set	-Low Range -For determination of Total Phosphorus by Hach Method 8190. -Range: 0.06 - 3.50 mg/L PO4.	HACH	2742645	50 sets/pack	5	pack		
Sub-Total (Item 9.1 - 9.3)									
10	Chemical								
Group 1									
10.1.1	Ethanol (95%)	-分析純 (AR) -500ml	西龍科學 or AQA or 阿拉丁	N/A	500ml/bottle	65	bottle		
10.1.2	Ethylenediaminetetraacetic Acid, Disodium Salt (EDTA-Na2)	-分析純 (AR) -500g	西龍科學 or AQA or 阿拉丁	N/A	500g/bottle	1	bottle		
10.1.3	KOH	-分析純 (AR) -500g	西龍科學 or AQA or 阿拉丁	N/A	500g/bottle	3	bottle		
10.1.4	Glucose	-分析純 (AR) -500g	西龍科學 or AQA or 阿拉丁	N/A	500g/bottle	5	bottle		
10.1.5	Dextrose	-分析純 (AR) -500g	西龍科學 or AQA or 阿拉丁	N/A	500g/bottle	8	bottle		
10.1.6	Yeast Extract	-分析純 (AR) -500g	OXOID or 阿拉丁	LP0021 or Y110517	500g/bottle	7	bottle		
10.1.7	Sodium bicarbonate	-分析純 (AR) -500g	西龍科學 or AQA or 阿拉丁	N/A	500g/bottle	5	bottle		
10.1.8	Sodium hydroxide	-分析純 (AR) -500g	西龍科學 or AQA or 阿拉丁	N/A	500g/bottle	5	bottle		





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Item	Description	Specification	Reference Brand	Reference Model / Cat No.	Packing Size	Quantity	Unit	Unit Price (MOP)	Total Amount (MOP)
10.1.9	tetrachloroethene (PCE)	-分析純 (AR) -500ml	西龍科學 or AQA or 阿拉丁	N/A	500ml/bottle	1	bottle		
10.1.10	FAME mix CRM47885, Standard Solution	-Quality Level:100 -Purity grade: certified reference material -Form: liquid -Format: multi-component solution -Shipped in dry ice	Sigma-Aldrich	CRM47885	1ml/ampule	10	ampule		
10.1.11	Magnesium chloride hexahydrate(MgCl2·6H2O)	-分析純 (AR) -500g	N/A	N/A	500g/bottle	1	bottle		
10.1.12	Hydrochloric acid	-分析純 (AR) -500ml	N/A	N/A	500ml/bottle	2	bottle		
10.1.13	Acetic acid glacial	-CAS No.: 64-19-7 -AR	阿拉丁 or 西龍科學	A116166-500ml or N/A	500ml/bottle	1	bottle		
Sub-Total (Item 10.1.1 - 10.1.13)									
Group 2									
10.2.1	2-bromoethanesulfonate (BES)	-CAS No.4263-52-9 -98%	阿拉丁 or 西龍科學	B105365 or N/A	25g/bottle	1	bottle		
10.2.2	ampicillin	-氨比西林 (抗生素)	Sigma-Aldrich or Roche	A9393 or N/A	5g/pack	1	pack		
10.2.3	DNA isolation Kit for Soil	-Used to isolate bacterial, fungal, plant and animal genomic DNA from soil and other environmental samples. -The released DNA is suitable for PCR analysis and other downstream applications.	MP Biomedicals or BIO-RAD	SKU 116560200-CF or N/A	1 kit	6	kit		
10.2.4	100 bp to 2000bp DNA Ladder (Dye Plus)	-Suitable as size standards for various applications 本品是由2,000bp, 1,000bp, 750bp, 500bp, 250bp以及100bp共6條雙鏈DNA片段組成。其中750bp是指示帶，顯示亮帶。本品已混有上樣緩衝液，可直接用於凝膠電泳。	Takara Bio or BIO-RAD	DNA Ladder 3422B (A×2) or N/A	500µl×2/pack	3	pack		



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Item	Description	Specification	Reference Brand	Reference Model / Cat No.	Packing Size	Quantity	Unit	Unit Price (MOP)	Total Amount (MOP)
10.2.5	DNA-free Kit	-Safely eliminate DNA contamination from RNA samples -No organic extraction or heat inactivation required -Includes novel reagent to remove DNase -Recombinant DNase I is certified RNase-free	TURBO or Takara Bio	AM1907 or N/A	50 reactions/pack	3	pack		
Sub-Total (Item 10.2.1 - 10.2.5)									
Group 3									
10.3.1	GoldView Nuclear Staining Dyes for Electrophoresis	-Dye for detecting DNA and RNA in agarose gel -It emits fluorescence upon ultraviolet irradiation when bound to DNA or RNA	Solarbio or Biosharp	G8142-0.5ml or BS357A	0.5ml/pack	2	pack		
10.3.2	Acrylamide	-Electrophoresis special grade $\geq 99\%$ -100g	阿拉丁 or 西龍科學	A108470-100g or N/A	100g/bottle	1	bottle		
10.3.3	Tris(hydroxymethyl)aminomethane	-Purity grade: ACS, $\geq 99.8\%$ -CAS No.: 77-86-1	阿拉丁 or 西龍科學	T110600 or N/A	500g/bottle	1	bottle		
10.3.4	ROX dye	-4 μ M -Normalize the fluorescent reporter signal in real-time quantitative PCR or RT-PCR. -Normalizes non-PCR-related fluctuations in fluorescence	艾科瑞 or ThermoFisher	AG11710 or 12223012	200 μ l/pack	3	pack		
10.3.5	Gel Extraction Kit	-Recover and purify DNA fragments -100bp from agarose gels in 15 minutes	OMEGA or ThermoFisher	D2500-01 or K0691	50preps/pack	2	pack		
Sub-Total (Item 10.3.1 - 10.3.5)									
Grand Total (MOP)									

Other remarks:

- For item 1, item 2 (item 2.1 - 2.5), item 3 (item 3.1 - 3.4), item 4 (item 4.1 - 4.3), item 5 (item 5.1 - 5.5), item 6 (item 6.1 and 6.2), item 7 (item 7.1 - 7.4), item 8 (item 8.1 - 8.3), item 9 (item 9.1 - 9.3), item 10 - Group 1 (item 10.1.1 - 10.1.13), item 10 - Group 2 (item 10.2.1 - 10.2.5) and item 10 - Group 3 (item 10.3.1 - 10.3.5), each of them is an integrated award scheme, bidder should provide quotation for items of each group. If the quotation provided by bidder cannot fulfill the minimum requirement of specification, **the quoted option will not be considered.**
- Quotation should include all charges including door-to-door delivery, permits and documentation necessary for the imports, custom clearance, insurance, applicable taxes and handling fees.
- For the unit price for dangerous goods or chemicals in the quotation should include all necessary charges, such as door-to-door delivery, custom clearance and all related charges (and all these charges should include in the unit price for the quoted item). Moreover, bidder is responsible to pay attention to relevant regulations and laws enacted by the local government, in ensuring the item could be delivered to dedicated location in University of Macau. Furthermore, University of Macau will not pay any additional fees other than the awarded amount.
- Detail such as delivery date, payment terms, warranty period and validity of the quotation should be specified on the quotation.
- Specification must be fulfilled, otherwise **the quoted option will not be considered.**
- With the restriction of foreign exchange, supplier from Taiwan or Mainland China must provide the quotation in HKD or USD, and must possess a bank account that could accept HKD or USD.
- The bank fees related Telegraphic Transfer will be borne by the awardee.
- Or equivalent or above.

