



### 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:125784	日期:20/10/2020	頁數:2 + Attachment (10 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10月28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	One lot of experimental consumables  *Detail please refer to the attachment (10 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：[TommyChan@um.edu.mo](mailto:TommyChan@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。

#### 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，請聯絡陳先生（電話：+ 853 8822 8588 及電子郵件：[TommyChan@um.edu.mo](mailto:TommyChan@um.edu.mo)）



採購處處長

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/](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](mailto:PCTSupplierMgmt@um.edu.mo)



掃一掃登入網站

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## PR#125784 - Specification of items

### Other remarks

- Quotation should include all charges including door to door delivery, custom clearance, insurance, applicable taxes, handling fees and after-sales services if any defects are found after delivery.
- Detail such as delivery date, payment terms, warranty period and validity of the quotation should be specified on the quotation.
- All the requirement specified in the description must be fulfilled, otherwise **the quoted option will not be considered.**
- Bidder should provide detailed information of the product, such as brand, model, manual, etc., otherwise **the selection may be affected.**
- For the captioned written consultation (RFQ) will only accept one option for each single item. If more than one option is proposed for an item, only the option with the highest price will be accepted.**
- For Group 1 (Item 1 - 17), Group 2 (Item 18 - 20), Group 3 (Item 21 - 23), Group 4 (Item 24 - 26), Group 5 (Item 27 - 32), Group 6 (Item 33 - 49), Group 7 (Item 50 - 57), Group 8 (Item 58 and 59), Group 9 (Item 60 - 63) and Group 10 (Item 64), Group 11 (Item 65), Group 12 (Item 66) and Group 13 (Item 67), each of them is an integrated award scheme, vendor should provide the prices for each sub-items of the integrated award scheme. **The supplier fails to provide the prices for each sub-items or cannot satisfy the requirement of the integrated scheme will not be considered.**
- With the restriction of foreign exchange, supplier from Mainland China or Taiwan must provide the quotation in HKD or USD, and must possesses 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.

Group	Item	Item Description	Reference Brand	Reference Product No.	Quantity	Unit Price (MOP)	Total Price (MOP)
1	1	Adenosine 5'-triphosphate disodium salt hydrate - 25 g - Purity: 98%	Aladdin	A111205-25g	1		
	2	NAD - 1 g - Purity: 97%	Aladdin	N107170-1g	1		
	3	Blebbistatin - 5 mg - Purity: ≥98%	Aladdin	B129580-5mg	1		
	4	Paclitaxel - 10 mg - Purity: 99%	Aladdin	P106869-10mg	1		
	5	Mineral oil - 500 ml - 25cSt, 40°C	Aladdin	M195121-500ml	1		
	6	Dithiothreitol (DTT) - 25 g - Purity: 99%	Aladdin	D104859-25g	1		
	7	PEG-8000 - 250 g - average Mn 8000	Aladdin	P103734-250g	1		
	8	Triton X-100 - 500 ml - Reagent grade	Aladdin	T109026-500ml	1		



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Group	Item	Item Description	Reference Brand	Reference Product No.	Quantity	Unit Price (MOP)	Total Price (MOP)
1	9	Saponin - 100 g - BR, 10-25%	Aladdin	S108691-100g	1		
	10	Reduced glutathione - 5 g - Purity: 98%	Aladdin	G105426-5g	1		
	11	Tris-base - 10 kg - Purity: ≥99.9% (titration)	Aladdin	T110599-10kg	1		
	12	Tris-HCl - 10 mg - Purity: ≥99% - Reagent grade	Aladdin	T105287-2.5kg	1		
	13	Bromphenol blue - 25 g - AR	Aladdin	B109642-25g	1		
	14	N,N,N',N'-tetramethylethylenediamine - 25 ml - Purity: 99% - For electrophoresis	Aladdin	T105496-25ml	1		
	15	2-Mercaptoethanol - 250 ml - Purity: 99% - For molecular biology, electrophoresis, cell culture	Aladdin	M301574-250ml	1		
	16	Y-27632 - 10 mg - Purity: ≥98%	Aladdin	Y129399-10mg	1		
	17	Disodium hydrogenorthophosphate - 500 g - Purity: 99% - AR	Aladdin	S112446-500g	1		
Sub-Total (Group 1 (Item 1 - 17)):							



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Group	Item	Item Description	Reference Brand	Reference Product No.	Quantity	Unit Price (MOP)	Total Price (MOP)
2	18	Trans-Blot Turbo RTA Mini 0.2 µm Nitrocellulose Transfer Kit, - 40 blots - 40 mini-sized 0.2 µm nitrocellulose membranes (7 x 8.5 cm) - 80 transfer stacks - 1 L 5x transfer buffer - 2 gel trays for wetting and equilibrating membranes and transfer stacks	Bio-Rad	1704270	1		
	19	Trans-Blot Turbo RTA Midi 0.2 µm Nitrocellulose Transfer Kit - 40 blots - 40 midi-sized 0.2 µm nitrocellulose membranes (8.5 x 13.5 cm) - 80 transfer stacks - 2 L 5x transfer buffer - 2 gel trays for wetting and equilibrating membranes and transfer stacks	Bio-Rad	1704271	1		
	20	SureBeads™ Starter Kit Protein A and G - 3 ml vial SureBeads Protein A Magnetic Beads; 30 mg (10 mg/ml) - 3 ml vial SureBeads Protein G Magnetic Beads; 30 mg (10 mg/ml) - Magnetic rack with one-piece removable magnet insert; holds 1.5 ml and 15 ml tubes (Up to 16 x 1.5 ml microcentrifuge tubes, 2 x 15 ml conical centrifuge tubes)	Bio-Rad	1614833	1		
Sub-Total (Group 2 (Item 18 - 20)):							
3	21	Fibronectin Human - 1 mg - Purity = 90% by SDS-PAGE - Quality: Tested for ability to promote attachment and spreading of BHK-21 cells, found negative for bacteria, fungi, and mycoplasma - Source: Human plasma. Source material tested for hepatitis B antigen and HIV-1 antibody - Molecular Weight: 440 kD (unreduced)	Corning	354008	1		
	22	Collogan I Bovine - 30 mg - Purity > 95% by SDS-PAGE - Quality: Shown to promote attachment and spreading of HT-1080 human fibrosarcoma cells, tested for formation of a firm gel by exposure to ammonia vapors from solutions of 0.5 mg/ mL, tested and found negative for bacteria, fungi, and mycoplasma - Source: Bovine dermis - Formulation: Liquid in 0.012 N HCl	Corning	354231	1		



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Group	Item	Item Description	Reference Brand	Reference Product No.	Quantity	Unit Price (MOP)	Total Price (MOP)
3	23	Laminin (mouse) - 1 mg - Purity > 90% by SDS-PAGE (contains entactin) - Quality: Tested for ability to initiate neurite outgrowth of NG-108 human neuroblastoma cells, found negative for bacteria, fungi, and mycoplasma - Source: Engelbreth-Holm-Swarm (EHS) mouse tumor - Formulation: Frozen in 0.05 M Tris-HCl, 0.15 M NaCl, pH 7.4 - Molecular Weight: 900 kD (unreduced)	Corning	354232	1		
	Sub-Total (Group 3 (Item 21 - 23)):						
4	24	Anti-Nesprin-1alpha - supernatant 1.0 ml - Hybridoma Cells Available: Yes - Antigen Species: Human - Isotype: MlgG1 - Host Species: mouse - Positive Tested Species Reactivity: Human - Antigen Molecular Weight: 1,011.1 kDa - Immunogen: Nesprin-1 alpha recombinant - Clonality: Monoclonal	Developmental Studies Hybridoma Bank	MANNES1A(7A12)	1		
	25	Anti-Nesprin-2 - supernatant 1.0 ml - Hybridoma Cells Available: Yes - Antigen Species: Human - Isotype: MlgG2a - Host Species: mouse - Positive Tested Species Reactivity: Human - Antigen Molecular Weight: 796.4 kDa - Immunogen: Recombinant protein fragment - Clonality: Monoclonal	Developmental Studies Hybridoma Bank	MANNES2A (11A3)	1		
	26	Anti-lamin A/C - supernatant 1.0 ml - Hybridoma Cells Available: Yes - Antigen Species: Human - Isotype: MlgG2a, kappa light chain - Host Species: mouse - Positive Tested Species Reactivity: Chinese Hamster, Human, Mouse, Rabbit - Antigen Molecular Weight: 71 kDa - Immunogen: Recombinant human pre-lamin A expressed in E. coli - Clonality: Monoclonal	Developmental Studies Hybridoma Bank	MANLAC1	1		
	Sub-Total (Group 4 (Item 24 - 26)):						



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Group	Item	Item Description	Reference Brand	Reference Product No.	Quantity	Unit Price (MOP)	Total Price (MOP)
5	27	NP-40 (Nondet P-40, Igepal) - 25 g	Macklin	N823211-25g	1		
	28	Digitonin (a type of saponin) - 100 mg	Macklin	D806779-100mg	1		
	29	Paraformaldehyde - 500 g	Macklin	P804537-500g	1		
	30	Tween 20 - 500 ml	Macklin	T6335-500ml	1		
	31	Glycine - 5 kg	Macklin	G800880-5kg	1		
	32	ammonium persulfate - 100 g	Macklin	A6295-100g	1		
Sub-Total (Group 5 (Item 27 - 32)):							
6	33	Anti-FAK-pY397 - 50 µg/0.5 ml - Mouse monoclonal IgG <sub>1</sub> (kappa light chain) - Application: WB and IP - Detection of Tyr 397 phosphorylated FAK of mouse, rat, human and canine origin	Santa Cruz Biotechnology	sc-81493	1		
	34	Glutathione-Agarose - 0.5 ml agarose/2.0 ml - 100 reactions - specific binding to GST fusion proteins	Santa Cruz Biotechnology	sc-2009	1		
	35	Anti-actin (Clone 4) - 200 µg/ml - Mouse monoclonal IgG <sub>1</sub> (kappa light chain) - Application: WB, IP, IF, IHC(P) and ELISA - Detection of β-Actin of mouse, rat, human, avian, bovine, canine, porcine, rabbit, Dictyostelium discoideum and Physarum polycephalum origin	Santa Cruz Biotechnology	sc-47778	1		
	36	c-Myc (9E10) - 200 µg/ml - Isotype: mouse monoclonal IgG <sub>1</sub> (kappa light chain) - Application: WB, IP, IF, IHC(P), FCM and ELISA - detection of c-Myc p67 and c-Myc tagged fusion proteins of mouse, rat, human, monkey, feline and canine origin	Santa Cruz Biotechnology	sc-40	1		



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Group	Item	Item Description	Reference Brand	Reference Product No.	Quantity	Unit Price (MOP)	Total Price (MOP)
	37	Anti-cdc42 (B8) - 200 µg/ml - Mouse monoclonal IgG <sub>1</sub> (kappa light chain) - Application: WB, IP, IF, IHC(P) and ELISA - Detection of Cdc42 of mouse, rat, human, Drosophila and Xenopus origin	Santa Cruz Biotechnology	sc-8401	1		
	38	Anti-dynein IC 1/2 (74-1) - 200 µg/ml - Mouse monoclonal IgG <sub>2b</sub> (kappa light chain) - Application: WB, IP, IF and FCM - Detection of intermediate chains 1 and 2 of cytosolic Dynein of broad species origin	Santa Cruz Biotechnology	sc-13524	1		
	39	Anti-GM130 (B-10) - 200 µg/ml - Mouse monoclonal IgG <sub>2a</sub> (kappa light chain) - Application: WB, IP, IF and ELISA - Detection of GM130 of mouse, rat and human origin	Santa Cruz Biotechnology	sc-55591	1		
	40	Anti-Lamin B1 (A-11) - 200 µg/ml - Mouse monoclonal IgG <sub>1</sub> (kappa light chain) - Application: WB, IP, IF, IHC(P) and ELISA - Detection of Lamin B1 of mouse, rat and human origin	Santa Cruz Biotechnology	sc-377000	1		
	41	Anti-Lamin B2 (B-10) - 200 µg/ml - Mouse monoclonal IgG <sub>1</sub> (kappa light chain) - Application: WB, IP, IF and ELISA - Detection of Pericentrin 1 of mouse, rat and human origin	Santa Cruz Biotechnology	sc-374015	1		
	42	Anti-pericentrin - 200 µg/ml - Mouse monoclonal IgG <sub>1</sub> (kappa light chain) - Application: WB, IP, IF and ELISA - Detection of Pericentrin 1 of mouse, rat and human origin	Santa Cruz Biotechnology	sc-376111	1		
	43	Anti-progerin (13A4D4) - 200 µg/ml - Mouse monoclonal IgG <sub>1</sub> (kappa light chain) - Application: WB and IP - Detection of Progerin of mouse, rat and human origin	Santa Cruz Biotechnology	sc-81611	1		
	44	Anti-rac1/2/3 - 200 µg/ml - Mouse monoclonal IgG <sub>2b</sub> (kappa light chain) - Application: WB, IP, IF, IHC(P) and ELISA - Detection of Rac 1, Rac 2 and Rac 3 of mouse, rat and human origin	Santa Cruz Biotechnology	sc-514583	1		



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Group	Item	Item Description	Reference Brand	Reference Product No.	Quantity	Unit Price (MOP)	Total Price (MOP)
6	45	Anti-rhoA (clone 26C4) - 200 µg/ml - Mouse monoclonal IgG <sub>1</sub> (kappa light chain) - Application: WB, IP, IF, IHC(P) and FCM - Detection of Rho A of mouse, rat and human origin	Santa Cruz Biotechnology	sc-418	1		
	46	Anti-vinculin - 200 µg/ml - Mouse monoclonal IgG <sub>1</sub> (kappa light chain) - Application: WB, IP, IF, IHC(P) and ELISA - Detection of β-catenin of mouse, rat and human origin	Santa Cruz Biotechnology	sc-73614	1		
	47	Anti-β-catenin - 200 µg/ml - Mouse monoclonal IgG <sub>1</sub> (kappa light chain) - Application: WB, IHC(P) and ELISA - Detection of vinculin of human, mouse, rat and avian origin	Santa Cruz Biotechnology	sc-7963	1		
	48	emerin Antibody (H-12) - 200 µg/ml - Mouse monoclonal IgG <sub>2b</sub> (kappa light chain) - Application: WB, IP, IF, IHC(P) and ELISA - Detection of emerin of human origin	Santa Cruz Biotechnology	sc-25284	1		
	49	Lamin A/C (E-1) - 200 µg/ml - Mouse monoclonal IgG <sub>1</sub> (kappa light chain) - Application: WB, IP, IF, IHC(P) and ELISA - Detection of Lamin A and Lamin C of mouse, rat and human origin	Santa Cruz Biotechnology	sc-376248	1		
Sub-Total (Group 6 (Item 33 - 49)):							
7	50	Anti-GFP - 250 µg - Liquid - Isotype: Chicken IgG - Application: IC, IP, WB - Reacts with: vertebrates	Sigma-Aldrich	AB16901	1		
	51	Anti-prelamin A (7G11) - 100 µg - Liquid - Isotype: Rat IgG2aκ - Application: IC, IP, WB - Reacts with: vertebrates	Sigma-Aldrich	MABT345	1		



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Group	Item	Item Description	Reference Brand	Reference Product No.	Quantity	Unit Price (MOP)	Total Price (MOP)
7	52	Cytochalasin D - 1 mg - Form: powder - Assay: ≥98% (TLC and HPLC) - Soluble in DMSO, soluble in ethanol	Sigma-Aldrich	C8273-1MG	1		
	53	Latrunculin A - 100 ug - Form: waxy solid - Assay: ≥85% (HPLC) - Soluble in DMSO, soluble in ethanol	Sigma-Aldrich	L5163-100UG	1		
	54	Nocodazole - 10 mg - Form: powder - Assay: ≥99% (TLC) - Soluble in DMSO (10 mg/ml), insoluble in H <sub>2</sub> O	Sigma-Aldrich	M1404-10MG	1		
	55	HPI-4 - 5 mg - Form: powder - Assay: ≥98% (HPLC) - Soluble in DMSO (10 mg/ml)	Sigma-Aldrich	H4541-5MG	1		
	56	FTI-277 - 1 mg - Form: film - Assay: ≥95% (HPLC) - Soluble in water (≥2 mg/mL)	Sigma-Aldrich	F9803-1MG	1		
	57	cOmplete™ Protease Inhibitor Cocktail - vial of 20 tablets - Form: tablet - soluble in aqueous buffer	Sigma-Aldrich	11697498001	1		
	Sub-Total (Group 7 (Item 50 - 57)):						
8	58	Apolipoprotein D His tag - 50 ug - Purity: > 92 % as determined by SDS-PAGE - Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method - Species: Human - Expressed Host: HEK293 Cells - Formulation: Lyophilized from sterile PBS, pH 7.4	SinoBiological	11297-H08H	1		



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Group	Item	Item Description	Reference Brand	Reference Product No.	Quantity	Unit Price (MOP)	Total Price (MOP)
8	59	Angiotensinogen His tag - 10 ug - Purity: > 98 % as determined by SDS-PAGE - Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method - Species: Human - Expressed Host: HEK293 Cells - Formulation: Lyophilized from sterile PBS, pH 7.4	SinoBiological	10994-H08H	1		
	Sub-Total (Group 8 (Item 58 and 59)):						
9	60	SnakeSkin™ Dialysis Tubing, 3.5K MWCO, 16 mm - 10.5 m - Cut Off or Exclusion Limit: 3.5 kDa - Format: Tubing - Membrane: Cellulose Membrane, Dialysis - Purification Target: Buffer Exchange, Protein - Sufficient For: Approx. 19mL per 5cm length (plus 2.5cm at each end for closure) yields 100 uses	Thermo Fisher Scientific	88242	1		
	61	SnakeSkin™ Dialysis Tubing, 10K MWCO, 22 mm - 10.5 m - Cut Off or Exclusion Limit: 10 kDa - Format: Tubing - Membrane: Cellulose Membrane, Dialysis - Purification Target: Buffer Exchange, Protein - Sufficient For: Approx. 10mL per 5cm length (plus 2.5cm at each end for closure) yields 100 uses	Thermo Fisher Scientific	P168100	1		
	62	Invitrogen™ Lipofectamine™ 3000 Transfection Reagent - 1.5 ml - Cell Type: Established Cell Lines, Stem Cells, Primary Cells, Hard-to-Transfect Cells - Sample Type: Plasmid DNA, Synthetic siRNA, RNAi Plasmids (shRNA, miR) - Transfection Technique: Lipid-Based Transfection - Serum Compatible: Yes	Thermo Fisher Scientific	L3000015	1		
	63	Opti-MEM - 500 ml - Form: Liquid - Glutamine: L-Glutamine - Phenol Red Indicator: Phenol Red	Thermo Fisher Scientific	31985070	2		
Sub-Total (Group 9 (Item 60 - 63)):							



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Group	Item	Item Description	Reference Brand	Reference Product No.	Quantity	Unit Price (MOP)	Total Price (MOP)
10	64	Anti-SUN2 - 50 ul - Liquid - Isotype: Rabbit IgG - Application: ICC/IF, WB - Reacts with: Mouse	Abcam	ab87036	1		
11	65	Senescence $\beta$ -Galactosidase Staining Kit - 1 kit (125 35 mm wells) - 1 x 15 ml 10X Fixative Solution - 1 x 15 ml 10X Staining Solution - 1 x 1.5ml 100X Solution A - 1 x 1.5ml 100X Solution B - 1 x 150 mg X-Gal	Cell Signaling	9860S	1		
12	66	E.Z.N.A.® Endo-Free Plasmid Maxi Kit - 25 preps - Starting material: 50-200 mL LB culture with OD600 between 2 and 3; or equivalent - DNA binding technology: Silica Maxi Spin Column - Lysate clearance method: Filtration using Lysate clearance syringe - Processing time: <45 minutes - Yield: 600-1200 $\mu$ g for high copy-number; 50-300 $\mu$ g for low copy-number	OMEGA	D6926-03B	1		
13	67	Anti-GAPDH - 100 $\mu$ g, 0.5 mg/ml - Purified Rat IgG2a, $\kappa$ Isotype Ctrl - Application: WB and ICC - Reactivity: Human, Mouse	Biologend	607902	1		
Grand Total (MOP)							



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