

Bidding Document Ref No: MCA-M/CF/WSSA/G/01 Supply of Laboratory Equipment

ANSWERS TO CLARIFICATION QUESTIONS – ISSUE No. 3 (Questions 7-44) August 28, 2024

	-			8	fferers on August 13, 2024 erers on August 01, 2024
Question 7:	There is lack of technical information for Part 1. Can we get more specific information on part 1 and 2?				
Answer 7:	in the B	Biddin ement	g Document as Annex	1 (Detailed Technical	and specifications is already incorporated Specifications) of Section V (Schedule of cuments issued by MCA-Mongolia on 21
Question 8:	With re	gard	to Lot 1 Part 1 items		
		6	Sulfide meter	What is accuracy? Is	it portable or desktop type?
		7	Analytical balance	What is accuracy?	
Answer					
8:		6	Sulfide meter	Document: LOT1, Pa	x 1 of Section V of the Bidding art 1: Technical Requirements for the Equipment. Item No.6 e
		7	Analytical balance	Document: LOT1, Pa	x 1 of Section V of the Bidding art 1: Technical Requirements for the Equipment. Item No.7
Question 9:	With re	gard	to Lot 1 Part 2 items		
9.		F	ume hood		What is the dimension and volume?
	2		ficrowave digestion ov	/en	What is the dimension and volume?
	3		Vater purifier 3.1- 3.5		What is purifier degree?
	3.1		hermo Scientific™ Pre nd Filters 06.5204 (for	e	
	3.2		hermo Scientific [™] Po		-
		Iı	nserts, Thermo Scientif Vater purifier)		
	3.3		^T hermo Scientific [™] Re	everse Osmosis]
			Iembranes (for Water)		1 II
	3.4		[™] hermo Scientific [™] Ba		
			ystem Cartridges (for		4
	3.5		hermo Scientific [™] Ba Jse Water Purification		
		l	se water purification	Systems	

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	ipply of Eucoratory Equipment

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		Replacement UV Lamps (for Water purifi	er	
	4	Oven for analysis		What is the dimension and volume?
	5	Oven for glassware		What is the dimension and volume?
	6	BOD incubator		What is the dimension and volume?
	7	Water Bath with Concentric Ring, 20 cell	s	What is the dimension and volume?
	8	Ultrasonic bath		What is the dimension and volume?
	9	Hot plate with magnetic stirrer		Is it single plate or multi plate?
	10	6 position heating mantles		
	11	Multiple Vacuum filtration apparatus, 6- branch		What is the dimension and volume?
	12	Multiple Vacuum filtration apparatus, 3 branch		What is the dimension and volume?
	13	Oil-free diaphragm vacuum pump		What is power?
	14	Refrigerator for reagent storage		What is the dimension and inside volume?
	15	Refrigerator for sample storage 2 door		What is the dimension and inside volume?
	20	Glassware Washers with Window		What is the dimension and inside volume?
	21	Eye washer		What type of Eye washer?
	22	Corrosive Storage Cabinet		What is the dimension and volume?
	23	Flammable reagent storage cabinet		What is the dimension and volume?
	24	Traceable Digital Relative		What is the accuracy?
		Humidity/Temperature Meter		Is it portable or desktop type?
	25	Temperature and Humidity Data Logger Recorder		Is there any detailed requirements?
	26	Platinum RTD Datalogging Thermometer 300°C	,	Is there any detailed requirements?
		·		
Answer				
9:	1	Fume hood		ase refer to Annex 1 of Section V of the
				ding Document: LOT1, Part 2: hnical Requirements for the Auxiliary
				ipment and other Devices. Item No.1
			equ	ipilient and other Devices. Rein 100.1
	2	Microwave digestion oven	Plea	ase refer to Annex 1 of Section V of the
		C	Bid	ding Document: LOT1, Part 2:
			Tec	hnical Requirements for the Auxiliary
			equ	ipment and other Devices. Item No.2
			-	
	3	Water purifier 3.1- 3.5		ase refer to Annex 1 of Section V of the
	3.1	Thermo Scientific [™] Pretreatment Cartridges and Filters 06.5204 (for Water purifier)	Tec	ding Document: LOT1, Part 2: hnical Requirements for the Auxiliary ipment and other Devices. Item No.3
	3.2	Thermo Scientific [™] Point of Use Filter	cyu	ipment and other Devices. Item 100.5
	5.2	Inserts, Thermo Scientific TM 06.5101 (for	The	degree of water should be ultrapure.
		Water purifier)		
	3.3	Thermo Scientific TM Reverse Osmosis		
		Membranes (for Water purifier)		
	3.4	Thermo Scientific TM Barnstead TM Water		
		System Cartridges (for Water purifier)		
	3.5	Thermo Scientific TM Barnstead TM Point of		l accessories for the auxiliary equipment
		Use Water Purification Systems		other devices must be from the same
		Replacement UV Lamps (for Water		nd as the primary equipment to ensure
			con	npatibility and optimal performance!

	purifier	
4	Oven for analysis	Please refer to Annex 1 of Section V of th Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.4
5	Oven for glassware	Please refer to Annex 1 of Section V of th Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.5
6	BOD incubator	Please refer to Annex 1 of Section V of th Bidding Document: LOT1, Part2: Technic Requirements for the Auxiliary equipment and other Devices. Item No.6
7	Water Bath with Concentric Ring, 20 cells	Please refer to Annex 1 of Section V of th Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.7
8	Ultrasonic bath	Please refer to Annex 1 of Section V of th Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.8
9	Hot plate with magnetic stirrer	Please refer to Annex 1 of Section V of th Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.9 - Single plate
10	6 position heating mantles	Please refer to Annex 1 of Section V of th Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.10
11	Multiple Vacuum filtration apparatus, 6- branch	Please refer to Annex 1 of Section V of th Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.11
12	Multiple Vacuum filtration apparatus, 3 branch	Please refer to Annex 1 of Section V of th Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.12
13	Oil-free diaphragm vacuum pump	Please refer to Annex 1 of Section V of th Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.13
14	Refrigerator for reagent storage	Please refer to Annex 1 of Section V of th Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.14

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	15	5 R	efrigerator for sample storage 2 door	Biddin Techni	refer to Annex 1 of Section V of the g Document: LOT1, Part 2: cal Requirements for the Auxiliary nent and other Devices. Item No.15
	20) G	lassware Washers with Window	Biddin Techni	refer to Annex 1 of Section V of the g Document: LOT1, Part 2: cal Requirements for the Auxiliary nent and other Devices. Item No.20
	21	1 E <u>y</u>	ye washer	Biddin Techni	refer to Annex 1 of Section V of the g Document: LOT1, Part 2: cal Requirements for the Auxiliary nent and other Devices. Item No.21
	22	2 C	orrosive Storage Cabinet	Biddin Techni	refer to Annex 1 of Section V of the g Document: LOT1, Part 2: cal Requirements for the Auxiliary nent and other Devices. Item No.22
	23	3 F1	ammable reagent storage cabinet	Biddin Techni	refer to Annex 1 of Section V of the g Document: LOT1, Part 2: cal Requirements for the Auxiliary nent and other Devices. Item No.23
	24		raceable Digital Relative umidity/Temperature Meter	Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.24 - Portable	
	25		emperature and Humidity Data Logger ecorder	Biddin Techni	refer to Annex 1 of Section V of the g Document: LOT1, Part 2: cal Requirements for the Auxiliary nent and other Devices. Item No.25
	20		atinum RTD Datalogging Thermometer,)0°C	Biddin Techni	refer to Annex 1 of Section V of the g Document: LOT1, Part 2: cal Requirements for the Auxiliary nent and other Devices. Item No.26
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Question 10:	With	regarc	1 to Lot 1 Part 3 items		
		22	Thermometer, -35°C to +50°C /for refrig		Is it glass type or digital?
		23	Thermometer,-10°C to +250°C /for over °C, 180 °C/	n, 105	Is it glass type or digital?
		24	Graduated Pipette, 10mL, 0.1mL gradua	tions	Are the pipettes automatic or manual?
		59	Wall mounting drying rack		What is the size?
		60	Graduated Polypropylene Beakers with	Handle	What is the volume?
		61	Boiling Stones		How many kg? What type of it?
		69	Parafilm		What is the size?

Answer			
10:	22	Thermometer, -35°C to +50°C /for refrigerator/	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 3: Glassware and Laboratory Aids. Item No. 22 - Glass
	23	Thermometer,-10°C to +250°C /for oven, 105 °C, 180 °C/	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 3: Glassware and Laboratory Aids. Item No. 23 - Glass
	24	Graduated Pipette, 10mL, 0.1mL graduations	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 3: Glassware and Laboratory Aids. Item No. 24 - Manual
	59	Wall mounting drying rack	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 3: Glassware and Laboratory Aids. Item No. 59
	60	Graduated Polypropylene Beakers with Handle	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 3: Glassware and Laboratory Aids. Item No. 60
	61	Boiling Stones	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 3: Glassware and Laboratory Aids. Item No. 61 -450g
	69	Parafilm	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 3: Glassware and Laboratory Aids. Item No. 69
Question	What is the	working time of ICP OES? is it for laboratory test	ting or for plant operation
Answer 11:	- For - For	me of ICP-OES: r calibration and conditioning regime: 7-8hrs per d r analytical purposes: 5-10hrs per week and-by regime: 24/7	ay
Question 12:	What is the	e technical specification of TOG/TPH	
Answer 12:		r to Annex 1 of Section V of the Bidding Documer nts for the Primary Analytical Equipment. Item No	

Question 13:	In Part 7, item 8 th -what is the concentration you want ranging from 10-10000mg/L, what it should be traceable against?
Answer 13:	Please refer to Annex 1 of Section V of the Bidding Document: LOT 2, Part 7: Standard Solutions and Certified Reference Materials. Item No.7 - COD 1000ppm
Question 14:	Can we get technical specification of Sulfide meter?
Answer 14:	Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part 1: Technical Requirements for the Primary Analytical Equipment. Item No.6
Question 15:	With regard to the COD reactor and Block reactor how many tube tested in one time?
Answer 15:	 Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part1: Technical Requirements for the Primary Analytical Equipment. Item No.3.1 56 tests in one time
Question	In Part 6, item 15t - COD 1-200mg/l non exist can we offer COD 3-150mg/l?
16:	
Answer 16:	Please refer to Annex 1 of Section V of the Bidding Document: LOT 2, Part 6: Test Kit Reagents. Item No.15 - COD 3-150 mg/L is acceptable
Question 17:	In Part7, item 13 What temperature buffer solution be prepared? Can we offer 4.00 instead of 4.01?
Answer 17:	 Please refer to Annex 1 of Section V of the Bidding Document: LOT 2, Part 7. Standard Solutions and Certified Reference Materials. Item No.1 Acceptable when the accuracy of buffer solution is ±0,01
Question 18:	We offer Universal Wate water CRM #QCI-084 by NSI solutions, is it okay ?
Answer 18:	Please refer to Annex 1 of Section V of the Bidding Document: LOT 2, Part 7: Standard Solutions and Certified Reference Materials. Item No.10
Question 19:	for part 3.1, 3.2 can we get required capacity of this instruments?
Answer 19:	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 3: Glassware and Laboratory Aids. Item No1 and 2
Question 20:	is sulfide meter is portable or non-portable?
Answer 20:	Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part 1: Technical Requirements for the Primary Analytical Equipment. Item No.6 - Desktop type
Question 21:	What is the size and design of Fume food?
Answer 21:	Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.1
Question 22:	With regard to Part 2.3 water purifier is chosen by filter's brand mark? As on the list - water purifier filters are for different types of water purifier instruments. Should we choose a water purifier according to filters information?

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Answer 22:	 Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.3 All accessories for the auxiliary equipment and other devices must be from the same brand
	as the primary equipment to ensure compatibility and optimal performance.
Question 23:	Part2 .18 Bottle dispenser- can we offer 0.5-5 ml instead of dose- 0.4-2ml?
Answer 23:	Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.16-18
Question 24:	Part2.7 item 20 - cells is meaning a capacity of instruments can we offer 20 L?
Answer 24:	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.7
Question 25:	What is the water purifier flow rate?/lot1-part2/
Answer 25:	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.3 - Flow rate > 1 lit / min
Question 26:	What about working hours per day?
Answer 26:	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.3 - 7-8 working hours per day
Question 27:	What is fume hood dimensions?
Answer 27:	Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.1
Question 28:	What about tube number of Microwave digestion oven? 24 and 48 tube?
Answer 28:	Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.2 - Type 1: 12-15 TFM vessels; Type 2: 40-45 TFM vessels
Question 29:	What about dimensions of Drying oven for analysis?
Answer 29:	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.4
Question 30:	What about dimensions and capacity of Drying oven for glassware?
Answer 30:	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.5
Question 31:	How about dimensions of BOD incubator?
Answer 31:	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.6

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Question 32:	What about capacity of ultrasonic bath?
Answer 32:	Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.8
Question 33:	What about plate size Hot plate with magnetic stirrer?
Answer 33:	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.9
Question 34:	Can we get more information on Part 3.56 item. 56 and 56.1 – are they one instrument?
Answer 34:	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 3: Glassware and Laboratory Aids. Item No.56, 56-1 and 56-2 Item No.56 includes two supplementary items.
Question	What about material of cup at Multiple Vacuum filtration apparatus, 6 place?
35:	what about material of cup at whittiple vacuum mutation apparatus, o prace :
Answer 35:	Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.11 - Stainless Steel
Question 36:	What about capacity and power of Oil-free diaphragm vacuum pump?
Answer 36:	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.13
Question 37:	What about capacity and power these two Refrigerator for reagent storage and Refrigerator for sample storage 2 door?
Answer 37:	Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.14
	Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.15
Question 38:	Which manufacturer prefer about Bottle top Dispensers/dozer?
Answer 38:	The proposed goods shall be compliant and responsive to the requiremnents and specifications of the Bidding Documents. MCA-Mongolia does not have any prefered manufacturer or any prefered Country of origin of goods.
	However, in accordance with MCC Procurement Policy and Guidelines, the Offeror/Supplier must ensure that MCC Funding is not used for goods or services from a country, or from a firm that is organized in or has its principal place of business or a significant portion of its operations in a country, that is subject to sanction or restriction by law or policy of the United States, including U.S. designated State Sponsors of Terrorism (<u>https://www.state.gov/state-sponsors-of-terrorism</u>).
Question 39:	What about capacity Glassware Washers with Window?
Answer 39:	Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.20
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Question 40:	What about capacity Corrosive Storage Cabinet?	
Answer	Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part 2: Technical	
40:	Requirements for the Auxiliary equipment and other Devices. Item No.22	
2		
Question 41:	what is the dimension of Part 3.72?	
Answer	Please refer to Annex 1 of Section V of the Bidding Document: LOT 1, Part 3: Glassware and	
41:	Laboratory Aids. Item No.72	
Question 42:	i. Is Steel Shelf for 90 Gallon Safety Cabinet with Traceable Digital Relative Humidity/Temperature Meter?ii. Also, are these two separate items?	
Answer	Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part 2: Technical	
42:	Requirements for the Auxiliary equipment and other Devices. Item No.23.1	
	Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part 2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.24 - Two separate items	
Question 43:	Which country or areas will you use the Wild Guarder Eye leaf 4G LTE Cellular Trail Camera?	
Answer 43:	 Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part2: Technical Requirements for the Auxiliary equipment and other Devices. Item No.24 The camera will be used in Ulaanbaatar, Mongolia 	
Question 44:	Part 2.3 each filter for different mark of water purifier. You cannot use for one model number of product. can we get more information on these items? how many water purifier need from which model number?	
Answer	Please refer to Annex 1 of Section V of the Bidding Document: LOT1, Part 2: Technical	
44:	Requirements for the Auxiliary equipment and other Devices. Item No.3 All accessories for the auxiliary equipment and other devices must be from the same brand as the primary equipment to ensure compatibility and optimal performance.	