

VIGYAN BHAWAN, BLOCK-A MOHANLAL SUKHADIA UNIVERSITY Udaipur-313001

#### No. MLSU/UCC/RUSA/2021/42

Date: 22.02.2021

#### **Corrigendum for Tender Technical Specification**

#### Subject: - Change of specification and title after pre-bid meeting

In reference to "Supply Installation & Commissioning of Electrical and Electronic Items like AC/ Refrigerators/LED TV/Hot air Oven/Water Purifier/Microwave/Speakers/Digital Hotplate" the Pre bid conference was held on 19<sup>th</sup> February 2021, 12.00 PM by the following committee members of the Purchase committee which was constituted for Notice Inviting Tender No-MLSU/UCC/RUSA/2021/30 Dated: 16.02.2021.

The grievance & inputs on some technical issues were received from both physically present vendors as well as through email which were discussed in detail by the committee members. After due consideration the committee recommends the following changes in technical specification based on representation from large number of vendors and a view to enhance maximum participation.

The title, instead of "Supply Installation & Commissioning of Electrical and Electronic Items like AC/ Refrigerators/LED TV/Hot air Oven/Water Purifier/Microwave/Speakers/Digital Hotplate" should be read as "Supply Installation & Commissioning of Electrical and Electronic Items like AC/ Refrigerators/LED TV/Hot air Oven/Water Purifier/Microwave/Speakers/Digital Hotplate/ICT Items/Accessories/Software and supply of Bus".

Grieva	nce received for Supply Installation& Co	ommissioning of Electrical and Electronic			
Items	like AC/ Refrige rators/LED	TV/Hot air Oven/Water			
Purifier	/Microwave/Speakers/Digital Hotplate				
S. No.	Grievance received	Committee Remarks & Corrigendum Required			
1.	"Manufacturer's Authorization Certificate"	Instead of "Manufacturer's Authorization			
	which is mentioned in page no 48(Section 2,	Certificate" should be read as			
	Point 1)	"Manufacturer's /Distributor Authorization			
		Certificate"			
2.	"As Hot and Cold AC is not available in this	New Item "Hot and Cold AC" to be added			
	tender. It was advised to add Hot and Cold	into the Tender according to the grievance/			
	AC into item list".	suggestion received in pre bid conference.			
		Note: As per the rules, we cannot modify			
		in the BOQ uploaded earlier on the			
	we bsite. We are enclosing up				
		with this corrigendum. You are			
		requested to submit rates of the items in			
		this BOQ on your letter head in hard			



VIGYAN BHAWAN, BLOCK-A MOHANLAL SUKHADIA UNIVERSITY Udaipur-313001

#### copy in sealed envelope. (Annexure 1)

Grieva	nce received for Air Conditioner	
S. No.	Grievance received	Committee Remarks & Corrigendum Required
1.	"Running Current: 7 max" which is	Instead of "Running Current: 7 max"
	mentioned in page no of tender documents-	should be read as "Running Current: 8
	53 (Point 3)	max"
2.	"Outdoor Noise level min: 50" which is	Instead of "Outdoor Noise level min: 50"
	mentioned in page no of tender documents-	should be read as "Outdoor Noise level
	54 (Point 3)	max: 50"
3.	"Refrigerant Type: R410A" which is	Instead of "Refrigerant Type: R410A"
	mentioned in page no of tender documents-	should be read as "Refrigerant Type:
	54 (Point 3)	R410A/R32"
4.	"Running Current: 95 max" which is	Instead of "Running Current: 95 max"
	mentioned in page no of tender documents-	should be read as "Running Current: 9.5
	54 (Point 4)	max"
5.	"Outdoor Noise level min: 50" which is	Instead of "Outdoor Noise level min: 50"
	mentioned in page no of tender documents-	should be read as "Outdoor Noise level
	55 (Point 4)	max: 50"
6.	"Refrigerant Type: R410A" which is	Instead of "Refrigerant Type: R410A"
	mentioned in page no of tender documents-	should be read as "Refrigerant Type:
	55 (Point 4)	R410A/R32"

S.No.	Grievance received	Committee Remarks & Corrigendum Required
1.	"LED TV: 45 inch, 55 inch, 65 inch, 75 inch" which is mentioned in page no of tender documents- 56 (Point 9)	Instead of "LED TV: 45 inch, 55 inch 65 inch, 75 inch" should be read as "(A) LED TV: 45 inch • VA Panel Tizen 4 • UHD 300 NITS, 24*7 • Wi-Fi smart • Haze 25% • HDMI 2 • USB Port: min 2 • Side bezel less • Built in magic info player or similar • Certification: FCC/BIS/UL/CE
		(B) LED TV: 55 inch
		<ul> <li>VA Panel Tizen 4</li> <li>UHD 300 NITS, 24*7</li> </ul>



		Wi-Fi smart
		Haze 25%
		HDMI 2
		USB Port: min 2
		Side bezel less
		<ul> <li>Built in magic info player or</li> </ul>
		similar
		Certification: FCC/BIS/UL/CE
		(C) LED TV: 65 inch
		VA Panel Tizen 4
		<ul> <li>UHD 300 NITS, 24*7</li> </ul>
		Wi-Fi smart
		Haze 25%
		HDMI 2
		USB Port: min 2
		Side bezel less
		<ul> <li>Built in magic info player or</li> </ul>
		similar
		Certification: FCC/BIS/UL/CE
		( <b>D</b> ) LED TV: 75 inch
		VA Panel Tizen 4
		• UHD 300 NITS, 24*7
		Wi-Fi smart
		• Haze 25%
		• HDMI 2
		• USB Port: min 2
		Side bezel less
		Built in magic info player or
		similar
		Certification: FCC/BIS/UL/CE''
		Note: As per the rules, we cannot modify in the BOQ uploaded earlier on
		the website. We are enclosing updated
		BOQ with this corrigendum. You are
		requested to submit rates of the items
		in this BOQ on your letter head in
		hard copy in sealed envelope.
		(Annexure 1)
2.	"UHD 300 MITS" which is mentioned in page	Instead of "UHD 300 MITS" should be
	no of tender documents- 56 (Point 9)	read as "UHD 300 NITS, 24*7"
3.	"USB 3" which is mentioned in page no of	Instead of "USB 3" should be read as



	tender documents- 56 (Point 9)	"USB PORT: min 2"
4.	"built in magic info" which is mentioned in	Instead of "built in magic info" should
т.	page no of tender documents- 56 (Point 9)	be read as "Built in magic info player or
		similar"
5.	"Certification: FCC,BIS,UL,CE" which is	Instead of "Certification:
	mentioned in page no of tender documents- 56	FCC,BIS,UL,CE" it should be read as
	(Point 9)	"Certification: FCC/BIS/UL/CE"
6.	"LED TV: 86 inch, 98 inch" which is	Instead of "LED TV: 86 inch, 98 inch" should be read as
	mentioned in page no of tender documents- 56	"(A) LED TV: 86 inch
	(Point 10)	VA Panel Tizen 4
		<ul> <li>UHD 350 MITS, 24*7</li> </ul>
		<ul> <li>Wi-Fi smart</li> </ul>
		<ul> <li>Haze 25%</li> </ul>
		• HDMI: 2
		• USB: 1
		Side bezel less
		<ul> <li>Built in magic info player or</li> </ul>
		similar
		8GB Internal memory
		<ul> <li>Native 4000: 1</li> </ul>
		Certification: FCC/BIS/UL/CE
		(B) LED TV: 98 inch"
		VA Panel Tizen 4
		• UHD 350 MITS, 24*7
		Wi-Fi smart
		• Haze 25%
		• HDMI: 2
		• USB: 1
		Side bezel less
		Built in magic info player or
		similar
		8GB Internal memory
		• Native 4000: 1
		Certification: FCC/BIS/UL/CE
		Note: As per the rules, we cannot
		modify in the BOQ uploaded earlier on
		the website. We are enclosing updated
		BOQ with this corrigendum. You are
		requested to submit rates of the items
		in this BOQ on your letter head in



VIGYAN BHAWAN, BLOCK-A MOHANLAL SUKHADIA UNIVERSITY Udaipur-313001

		hard copy in sealed envelope. (Annexure 1)
7.	"UHD 300 MITS, 24*7" which is mentioned in page no of tender documents- 56 (Point 10)	Instead of "UHD 300 MITS" should be read as "UHD 300 NITS"
8.	"built in magic info player" which is mentioned in page no of tender documents- 56 (Point 10)	Instead of "built in magic info" should be read as "Built in magic info player or similar"
9.	"Certification: FCC,BIS,UL,CE" which is mentioned in page no of tender documents- 56 (Point 10)	Instead of "Certification: FCC,BIS,UL,CE" it should be read as "Certification: FCC/BIS/UL/CE"

#### NIB code- SUU2021A0124 UBN No.- SUU2021GLOB00200

The technical specification for above equipment stand modified. Rest of the grievance were discussed and rejected by the committee since they did not hold any merit and were reducing the quality desired.

The bidders are advised to take into account the following amendments before submission of their bids against this tender. This corrigendum will form integral part of tender and will be submitted duly signed and stamped along with bids.

All other specification and terms and conditions of the tender remain unchanged.

Director University computer Center Vigyan Bhawan Block-A MLSU, Udaipur (RAJ.)



VIGYAN BHAWAN, BLOCK-A MOHANLAL SUKHADIA UNIVERSITY Udaipur-313001

### **ANNEXURE 1**

#### FORM NO. 5

#### SAMPLE FORMAT OF BOQ (FINANCIAL BID)

#### IMPORTANT: Bidders are requested to Bid their rates in BOQ\_xx.xls available with E-tender at

#### eproc.rajasthan.gov.in

Tender Inviting Authority: Director, University Computer Center, Mohanlal Sukhadia University, Udaipur – 313001

Name of Work: "Supply Installation & Commissioning of Electrical and Electronic Items like AC/ Refrigerators/LED TV/Hot air Oven/Water Purifier/Microwave/Speakers/Digital Hotplate" as per specifications given in the Technical Bid

Bid No: MLSU/UCC/RUSA/2021/31 Dated-16.02.2021

Name of the Bidder/ Bidding Firm/ Company:

#### **PRICE SCHEDULE**

(This BOQ template must not be modified/ replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Value only)

S. N o	Item Description	Quantity	Units	Basic Rate in figures to be entered by the Bidder Rs. P	Total Amount with all Taxes in Rs P	Total Amount in words
1	2	4	5	13	53	55
1	Refrigerator:	1	nos			
	<ul><li>Capacity 465 to 520 liters</li><li>Inverter technology-</li></ul>					



	<ul> <li>Intelligence Inverter/Digital Inverter/Linear Inverter</li> <li>Double door frost free</li> <li>Bee rating 3 star and above</li> <li>Frost free</li> <li>Convertible</li> <li>Compressor warranty 10 years</li> </ul>				
2	Refrigerator:	1	nos		
	<ul> <li>Capacity 280 to 320 liters</li> <li>Inverter compress- Intelligence Inverter/Digital Inverter/Linear Inverter</li> <li>Convertible</li> <li>Frostfree</li> <li>10 year compressor warranty</li> </ul>				
3	Air Conditioner :	1	nos		
	<ul> <li>ISEER Star Rating: 3 min</li> <li>Tonnage 1.5 min</li> <li>Power Supply: 1<sup>4</sup>-50-230</li> <li>Running Current: 8 Max</li> <li>Standard Cooling at 100% Capacity: approx 5400</li> <li>Power Consumption at 100% Capacity: 1600 max</li> <li>EER :approx 3</li> <li>Rated ISEER: approx 3</li> <li>Electricity Consumption per Annum: Approx 1200</li> <li>Moisture Removal: 1.0</li> <li>Indoor Airflow Volume- Powerful: 1400 min</li> <li>Indoor Airflow Distance: 18 min</li> <li>Indoor Unit dimensions HxWxD Max: 340x1150x280</li> <li>Indoor Unit net weight approx: 16</li> </ul>				



<ul> <li>Outdoor unit Dimensions HxWxDapprox: 650x830x320</li> <li>Outdoor unit net weight approx: 50</li> <li>Indoor Noise level(Quiet) max: 35</li> <li>Outdoor Noise level max: 50</li> <li>Outdoor Fan Diameter approx: 450</li> <li>Outdoor Air Circulation approx: 3300</li> <li>Max operating Temperature: 52 °C</li> <li>Refrigerant Type: R410A/R32</li> <li>Compressor Type: Hyper Tropical Rotary</li> <li>Evaporator &amp; Condenser type: copper</li> </ul>				
Copper pipe 10 ft inclusive				
<ul><li>Cost of Extra pipe</li><li>Cost of Outdoor unit stand</li></ul>				
4 Air Conditioner :	1	nos		
<ul> <li>ISEER Star Rating: 3 min</li> <li>Tonnage 2.0min</li> <li>Power Supply:1<sup>4</sup>-50-230</li> <li>Running Current: 9.5 Max</li> <li>Standard Cooling at 100% Capacity: approx 7200</li> <li>Power Consumption at 100% Capacity: 2100 max</li> <li>EER :approx 3</li> <li>Rated ISEER: approx 3</li> <li>Electricity Consumption per Annum: Approx 1600</li> <li>Moisture Removal: 2.0</li> <li>Indoor Airflow Volume- Powerful: 1400 min</li> </ul>				



	<ul> <li>Indoor Airflow Distance: 20</li> </ul>				
	min				
	<ul> <li>Indoor unit dimensions</li> </ul>				
	HxWxD Max: 340x1150x280				
	<ul> <li>Indoor Unit net weight</li> </ul>				
	approx: 17				
	<ul> <li>Outdoor unit Dimensions</li> </ul>				
	HxWxDapprox:				
	650x830x320				
	<ul> <li>Outdoor unit net weight</li> </ul>				
	approx: 50				
	<ul> <li>Indoor Noise level(Quiet)</li> </ul>				
	max: 35				
	Outdoor Noise level max:				
	55				
	Outdoor Fan Diameter				
	approx: 450				
	Outdoor Air Circulation				
	approx: 3000				
	Max operating				
	Temperature: 52 °C				
	Refrigerant Type:				
	R410A/R32				
	Compressor Type: Hyper				
	Tropical Rotary				
	<ul> <li>Evaporator &amp; Condenser</li> </ul>				
	type: copper				
	<ul> <li>Copper pipe 10 ft inclusive</li> </ul>				
	<ul> <li>Cost of Extra pipe</li> </ul>				
	<ul> <li>Cost of Outdoor unit stand</li> </ul>				
5	Hot and Cold AC: Tonnage 2 Ton	1	nos		
		±			
	Rated Cooling Capacity[Btu/hr]				
	24000				
	<ul> <li>Rated Heating Capacity[Btu/hr] 24000</li> </ul>				
	Compressor Type High EER				
	Rotary				
	<ul> <li>Refrigerant Gas R-22</li> </ul>				
	• Power Supply [V/Hz/Ph] 230 / 50				
	/ 1 Phase				
	Rated Power Input- Cooling				
	[Watt] 2180				



	• Rated Power Input- Heating [Watt] 2180				
	Rated Current- Cooling [Amps]     9.8				
	• Rated Current- Heating [Amps]				
	<ul><li>9.8</li><li>Condenser Coil Copper</li></ul>				
	Connecting Pipe [Type] Cu-				
	<ul><li>Cu(15.87mm &amp; 9.52mm)</li><li>Connecting Pipe Length [Metre]</li></ul>				
	3.5				
	<ul> <li>Connecting Cable [Metre] 3.5</li> <li>Noise Level - Outdoor [dB(A)]</li> </ul>				
	<ul><li>≤50</li><li>Operating Ambient Temp</li></ul>				
	• Operating Amolent Temp Range[Deg C] $0^{\circ}$ C ~ 46° C				
	<ul> <li>Anti Dust Filter, Anti Fungal Filter</li> </ul>				
6	Water Purifier:	1	nos		
0		1			
	<ul> <li>6 stage with mineral enrichment filter</li> </ul>				
	Capacity 8 ltr and above				
	Tank overflow protection				
	Pre filter				
7	Microwave:	1	nos		
	Capacity18-20 LTR				
	Solo     Deheat and defrect				
	<ul><li>Reheat and defrost</li><li>Warranty 1 year</li></ul>				
8	Hot Air Oven:	1	nos		
	• Internal Volume (Liters) :				
	200 liter				
	<ul> <li>Temperature Range &amp; Accuracy : RT 10°C to</li> </ul>				
	300°C, 1°C				
	<ul> <li>Display Resolution: ± 1°C</li> <li>Shelves: 03</li> </ul>				
	Microprocessor PID				
	Controller				
	Inner chamber Stainless				
	Steel				



	Outer Mild steel				
9	Hot Air Oven:	4	nos		
9		1			
	• Capacity 150 Liter.				
	• Temp range: +5°C to 200°C.				
	• Control accuracy: ±0.5 <sup>o</sup> C.				
	<ul> <li>Uniformity: ± 2.0 at 100.0ºC</li> </ul>				
	Minimum 3 No. of Shelves				
	with height adjustable in				
	25mm steps.				
	<ul> <li>Glass window in-built into the deep for economic of</li> </ul>				
	the door for easy viewing of samples.				
	<ul> <li>Automatic cut off of heater</li> </ul>				
	& blower when door				
	opened.				
	<ul> <li>Digital PID temperature</li> </ul>				
	controller with timer,				
	alarms and auto tuning.				
	Aero dynamic internal				
	design for achieving				
	horizontal air circulation.				
	<ul> <li>Solid and plain bottom without electrical.</li> </ul>				
	<ul> <li>Outer body made of G.I</li> </ul>				
	Epoxy Coated				
	<ul> <li>Inner body made of</li> </ul>				
	Stainless steel with clear				
	bottom				
	• CE certified.				
	Warranty period (minimum				
	1 year) to be mentioned.				
10	LED TV:45 inch	1	nos		
	• VA Panel Tizen 4				
	• UHD 300 NITS				
	• Wi-Fi smart				
	• Haze 25%				
	• HDMI 2				
	• USB Port: min 2				
	Side bezel less				



	<ul> <li>Built in magic info player or similar</li> <li>Certification: FCC/BIS/UL/CE</li> </ul>				
11	LED TV: 55 inch	1	nos		
	<ul> <li>VA Panel Tizen 4</li> <li>UHD 300 NITS</li> <li>Wi-Fi smart</li> <li>Haze 25%</li> <li>HDMI 2</li> <li>USB Port: min 2</li> <li>Side bezel less</li> <li>Built in magic info player or similar</li> <li>Certification: FCC/BIS/UL/CE</li> </ul>				
12	LED TV: 65 inch	1	nos		
	<ul> <li>VA Panel Tizen 4</li> <li>UHD 300 NITS</li> <li>Wi-Fi smart</li> <li>Haze 25%</li> <li>HDMI 2</li> <li>USB Port: min 2</li> <li>Side bezel less</li> <li>Built in magic info player or similar</li> <li>Certification: FCC/BIS/UL/CE</li> </ul>				
13	LED TV: 75 inch	1	nos		
	<ul><li>VA Panel Tizen 4</li><li>UHD 300 NITS</li><li>Wi-Fi smart</li></ul>				



	<ul> <li>Haze 25%</li> <li>HDMI 2</li> <li>USB Port: min 2</li> <li>Side bezel less</li> <li>Built in magic info player or similar</li> <li>Certification: FCC/BIS/UL/CE</li> </ul>				
14	LED TV: 86 inch	1	nos		
	<ul> <li>VA Panel Tizen 4</li> <li>UHD 350 MITS, 24*7</li> <li>Wi-Fi smart</li> <li>Haze 25%</li> <li>HDMI: 2</li> <li>USB: 1</li> <li>Side bezel less</li> <li>Built in magic info player or similar</li> <li>8GB Internal memory</li> <li>Native 4000: 1</li> <li>Certification: FCC/BIS/UL/CE</li> </ul>				
15	LED TV : 98 inch	1	nos		
	<ul> <li>VA Panel Tizen 4</li> <li>UHD 350 MITS, 24*7</li> <li>Wi-Fi smart</li> <li>Haze 25%</li> <li>HDMI: 2</li> <li>USB: 1</li> <li>Side bezel less</li> <li>Built in magic info player or similar</li> <li>8GB Internal memory</li> <li>Native 4000: 1</li> <li>Certification:</li> </ul>	-			



	FCC/BIS/UL/CE				
16	Portable Smart Speaker	1	nos		
	<ul> <li>wi- fi <sup>®</sup> and Bluetooth<sup>®</sup> connectivity</li> <li>Multi-room functionality</li> <li>Rechargeable lithium- ion battery</li> <li>Battery life: Up to 12 hours on average listening volume and up to 24 hours in standby mode</li> <li>Bluetooth range: Up to 9 m (30 ft)</li> <li>Bluetooth version: 4.2 or above</li> <li>Power input: USB-C port, or charging cradle as an accessory (maybe bought separately)</li> <li>Microphone array for voice pickup built in around the top control pad</li> <li>Button controls: Power on, Bluetooth, volume, play/pause, microphone off, voice action button</li> <li>Durable, water-resistant design: IPx4 rating</li> <li>Simple Sync connectivity to sync music with portable speakers or headphones</li> <li>Spacious 360° sound, powerful bass</li> <li>Apple Airplay 2 compatible</li> <li>Built-in voice, touch or the app</li> <li>Can play music directly</li> </ul>				
	from streaming music				



	services over Wi-Fi, controlled either by the Google Assistant or Amazon Alexa				
17	<ul> <li>Digital Hot Plate</li> <li>Temperature Range 50°C to 300°C</li> <li>Optimised PID program control</li> <li>Speed Range up to 1500rpm</li> <li>Stirring Capacity (H20) 20L</li> <li>Top Plate Material Ceramic coated on aluminum/steel</li> <li>Warranty 1 Years</li> </ul>	1	nos		
Total	Total in Figures				
Quote	ed Rate in words				