



Tender Ref. No. CARS/ST/P-367/OTM/2024

Date: 11/06/2024

Invitation for Tender (National)

Sealed Tenders are hereby invited from reputed Supply, Installation, Testing and Commissioning of online and offline UPS Battery, CCTV Camera Set, Tools and AC Accessories, Conference System Delegate unit, Ceiling Fan for different laboratory at the CARS, University of Dhaka.

1.	Ministry/Division	Ministry of Education		
2.	Agency	University of Dhaka		
3.	Procuring Entity Name	Centre for Advanced Research in Sciences (CARS), University of Dhaka.		
4.	Procuring Entity Code	367		
5.	Procuring Entity District	Dhaka		
6.	Invitation for	Supply, Installation, Testing and Commissioning of Online and offline UPS Battery, CCTV Camera Set, Tools and AC Accessories, Conference System Delegate unit, Ceiling Fan for different laboratory at the CARS		
7.	Invitation Tender Ref No.	CARS/ST/P-367/OTM/2024		
8.	Date :	11-06-2024		
KEY INFORMATION				
9.	Procurement Method	Open Tendering Method		
FUNDING INFORMATION				
10.	Budget and Source of Funds	Revenue Budget (RB)		
11.	Development Partner (if applicable)	N/A		
PARTICULAR INFORMATION				
12.	Project/Programme Code (if applicable)	Not used		
13.	Project/Programme Name (if applicable)	Not Applicable		
14.	Tender Package No.	Lot wise		
15.	Tender Package Name	Supply, Installation, Testing and Commissioning of Online and offline UPS Battery, CCTV Camera Set, Tools and AC Accessories, Conference System Delegate unit, Ceiling Fan.		
16.	Tender Publication Date	11-06-2024		
17.	Tender Last Selling Date	10-07-2024 Up to office hours		
18.	Tender Closing Date and Time	Date :		Time:
		11-07-2024		10:30 am
19.	Tender Opening Date and Time	11-07-2024		11:00 am
20.	Name & Address of the Office(s)	Address(s)		
	-Selling Tender Document (Principal)	(i) Centre for Advanced Research in Sciences (CARS), University of Dhaka.		
	-Receiving Tender Document	(i) Centre for Advanced Research in Sciences (CARS), University of Dhaka.		
	-Opening Tender Document	Centre for Advanced Research in Sciences (CARS), University of Dhaka.		
21.	Place/Date/Time of Pre-Tender Meeting	Name/Address	Date:	Time
INFORMATION FOR TENDERER				
22.	Eligibility of Tenderer	(i) Up to date Trade License (ii) Up to date VAT Registration Certificate (iii) Up to date Income Tax Clearance Certificate (iv) Bank solvency Certificate (v) Manufacturer Authorization letter not applicable. (vi) Applicant must be owner of the firm or Representative of the firm		



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		<p>will be authorized by the owner of the Firm signature with name and seal of the owner. (vii) Country of origin and made in country will be same. If differ then explain clearly with black and white. viii) catalogue of the goods. (ix) Warranty: As per TDS, Installation and training must be provided by the supplier (free of cost).</p>			
23.	Brief Description of Goods	Supply, Installation, Testing and Commissioning of Online and offline UPS Battery, CCTV Camera Set, Tools and AC Accessories, Conference System Delegate unit, Ceiling Fan			
24.	Brief Description of Related Services	Supply, Installation, Testing and Commissioning of Online and offline UPS Battery, CCTV Camera Set, Tools and AC Accessories, Conference System Delegate unit, Ceiling Fan			
25.	Tender Document Price TK. 3,000.00	The Price of Tender Schedule as mentioned is to be deposited in University of Dhaka, A/C No. 36000392, Janata Bank, T.S.C branch, Dhaka University. Tender schedule and terms and conditions may be collected on submission of the deposit receipt from the above mentioned offices on all working days except on the date fixed for submitting the tender.			
26.	Identification/Name of Goods	Location	Tender Security Amount in Taka	Completion Time	
	UPS Battery, CCTV Camera Set, Tools and AC Accessories, Conference System Delegate unit, Ceiling Fan	CARS, DU.	Lot-1:UPS Battery	12,000/-	120 days from the date of opening
			Lot-2:CCTV Camera Set	1,800/-	
			Lot-3: Tools and AC Accessories	2,400/-	
			Lot-4: Conference System Delegate unit	2,900/-	
			Lot-5: Ceiling Fan	1,100/-	
PROCURING ENTITY DETAILS					
27.	Name of Official Inviting Tender	Professor Dr. Ishtiaque M. Syed			
28.	Designation of Official Inviting Tender	Director			
29.	Address of Official Inviting Tender	Centre for Advanced Research in Sciences (CARS), University of Dhaka.			
30.	Contact details of Official Inviting Tender	9661900/Ext. 4616/ 4636			
31.	The procuring entity reserves the right to accept or reject any or all tenders without assigning any reason whatsoever. The procuring authority also reserves the right to omit, increase or decrease the quantities of Online and offline UPS Battery, CCTV Camera Set, Tools and AC Accessories, Conference System Delegate unit, Ceiling Fan from the Tender. The suppliers must abide by the decision of the University authority. Tender form, schedule of requirements of supply, tender notice and terms and conditions etc. will form the integral part of the tender. The suppliers should write the name of the item and the name of the firm on the envelope clearly. Vat, Income Tax and other Taxes, if any, imposed by the Govt. will be deducted from their bills as per Govt. rules.				

SD/-

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Director

Centre for Advanced Research in Sciences (CARS)
University of Dhaka



Section 6. Schedule of Requirements

This Section provides the List of Goods and Delivery Schedule and List of Related Services and Completion Schedule and must be carefully prepared by a Procuring Entity for each object of procurement.

Invitation for Tender No :

Date

:

Tender Package No :

A. List of Goods & Related services and Delivery Schedule

Lot-1: Online and offline UPS Battery

1	2	3	4	5	6
Item No.	Description of Item	Unit of Measurement	Quantity	Point of Delivery	Delivery Period Required
1	Battery 12V, 12 AH	No's	58	STORE, CARS	90 days
2	Battery 12V, 7 AH	No's	66	"	"

Lot-2: CCTV Camera Set

1	2	3	4	5	6
Item No.	Description of Item	Unit of Measurement	Quantity	Point of Delivery	Delivery Period Required
1	IP 2MP DOME Camera	No's	8	STORE, CARS	90 days
2	4MM 2MP Exir Fixed Bullet Network Camera	No's	3	"	"
3	CAT-6 Network Cable Meter (White) CCA	Coil	1	"	"
4	Installation Charge	Set	1	"	"

Lot-3: Tools and AC Accessories

1 Item No.	2 Description of Item	3 Unit of Measurement	4 Quantity	5 Point of Delivery	6 Delivery Period Required
1	Copper Tube (1/2")	Feet	50	STORE, CARS	90 days
2	Raping Tape (2")	No's	10	"	"
3	Steiner	No's	10	"	"
4	Freon Gas (R22)	No's	2	"	"
5	Capacitor: 60 mfd	No's	10	"	"
6	Capacitor: 55 mf	Meter	10	"	"
7	Magnetic Contactor: 30A, 220V	No's	10	"	"
8	Thrawzone	Feet	10	"	"
9	Copper Nut (1/2")	No's	6	"	"
10	Capacitor: 3.5 mfd	No's	10	"	"
11	Digital AC Clamp Meter, [Product Features: Part No.: KEW2117R, Fully Safety jaw, The ergonomic over-molded body gives convenient one-hand operation, Large easy-to-read display with 0.01A resolution, Accurate reading with True RMS, 600/1000A auto-ranging, Long battery life, Safety Standard, IEC 61010-1 CAT IV 300V / CAT III 600V, Made in Japan/Italy/Germany/USA]	No's	1	"	"
12	12" Adjustable Wrench [(300mm) Industrial series]	No's	3	"	"
13	8" Adjustable Wrench [(200mm) Industrial Gripro Series]	No's	1	"	"
14	8-in-1 screwdriver Set (Tolsen)	Set	2	"	"
15	Cutting Pliers 200mm, 8" (Bir)	No's	1	"	"
16	Nose Pliers 200mm 8" (Bir)	No's	1	"	"
17	8 Inch Flat Head Screwdriver JETECH Brand	No's	1	"	"
18	Hammer 1 lbs	No's	1	"	"
19	Double Open Spanner Set 8mm-22mm (7 Nos)	No's	1	"	"
20	Combination Pliers 200mm, 8" (Bir)	No's	1	"	"

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21	Multi Meter M118A	No's	1	"	"
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Lot-4: Conference System Delegate unit

1	2	3	4	5	6
Item No.	Description of Item	Unit of Measurement	Quantity	Point of Delivery	Delivery Period Required
1	Conference System Delegate Unit, [Technical Specification's: Function- HTDZ HT-350d, Frequency response: 40-16000Hz, Sensitivity: - 42±2dB, Reference: sound – receiving distance: 20-120cm, Built- in monitor loudspeaker (1w) for volume regulating, Red indicator light on the MIC, Electric capacity type microphone, equipped with windshield cover, extension pipe optional, Warranty: 01 Year.	No's	13	STORE, CARS	90 days

Lot-5: Ceiling Fan

1	2	3	4	5	6
Item No.	Description of Item	Unit of Measurement	Quantity	Point of Delivery	Delivery Period Required
1	Ceiling Fan, (Technical Speciation's-Color: Off White, Size: 1400 mm (56"), Nos. of Blade: 3, Insulation: Class – E, Rated Voltage: 220 Volts – AC, Frequency: 50 - C/S, Current: 0.301 A, Power Factor: 0.96, Power: 63.5 Watts, Speed: 310 RPM, Air Delivery: 264.5 M ³ /Min, Service Value: 4.16 M ³ /Min/W, BDS: 818	No's	10	STORE, CARS	90 days
2	Gi Pipe (3 feet and 6 Inch)		10		

Section 7. Technical Specifications.

The Goods and Related Services shall comply with following Technical Specifications:

Item No	Name of Item or Related Service	Technical Specification and Standards
»	CARS	Supplier

Lot-1: Online and offline UPS Battery

1	<p>Battery 12V, 12 AH Specification of UPS Battery: Type: Rechargeable sealed lead acid battery Nominal Voltage: 12V Nominal Capacity: 20 hour rate: (0.6A to 10.50V) 12Ah 10 hour rate: (1.14A to 10.50V) 11.4Ah 5 hour rate: (2.04A to 10.20V) 10.2Ah 1 C: (12A to 9.60V) 6.4Ah 3 C: (36A to 9.60V) 4.2Ah Max Discharge Current for 5 seconds: 180A Package Weight: 4.118 kg Charging Methods at 25°C(77°F): Maximum Charging Current : 3.6A Standby use: 13.5 to 13.8V Operating Temperature Range: Charge -15°C(5°F) to 40°C(104°F) Discharge-15°C(5°F) to 50°C(122°F) Storage -15°C(5°F) to 40°C(104°F) Design Life: Minimum 3 (Three) Years. Warranty: 1 (One) Year. Charge Retention (shelf life) at 20°C (Degree Celsius): After 1 Month: At Least 92% After 3 Month: At Least 90% After 6 Month: At Least 80%</p>	
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	<p>Case Material: ABS UL94 HB Option: Flammability resistance of (UL94 V-0) Dimensions: Length:151 mm, Width: 99 mm Height:100 mm. Interface Connection: 6.9 mm flat plug Terminal: F1 Faston Tab 187 F2 Faston Tab 250</p>	
2	<p>Battery 12V, 7 AH Specification of UPS Battery : Type: Rechargeable Sealed Lead Acid Battery Nominal Voltage: Minimum: 12V. Nominal Capacity: Minimum: 7Ah. Weight: Minimum 2.1 Kg (without packet) Case Material: ABS UL94 HB Option: Flammability resistance of (UL94 V-0). Dimensions:- Length (L): 151±1 mm, Width (W): 65±1 mm, Height (H): 94±1 mm, Overall Height (HT): 102±1 mm. Design Life: Minimum 3 (Three) Years. Warranty: 1 (One) Year. Charge Retention at 20°C (Degree Celsius): After 1 Month: At Least 92% After 3 Month: At Least 90% After 6 Month: At Least 80% Operating Temperature Range: Charge -15 (Degree Celsius) to 40(Degree Celsius) Discharge-15 (Degree Celsius) to 50 (Degree Celsius) Storage-15 (Degree Celsius) to 40 (Degree Celsius) Terminal:- F1 Faston Tab 187, F2 Faston Tab 250.</p>	

Lot-2: CCTV Camera Set

1	<p>IP 2MP DOME Camera, [Technical Specification's:- Type-IP Camera. Part No- DS-2CD1323G0E-I. Mega Pixels- 2.0MP. Max. Camera Resolution- 1920 x 1080. Image Sensor-1/2.8 Inch Progressive Scan CMOS. Shutter Speed- 1/3 s to 1/100, 000 s. Slow Shutter- Yes. Day & Night- IR Cut Filter. Night Vision- Yes. Lens- 2.8/4mm, Lens Mount-M12. Lens Adjustment Range- Pan: 0 to 360 degree , tilt: 0 to 75 degree , rotation: 0 to 360 degree. Focal Length- 2.8 mm, 4 mm. Viewing Angle.- 114.8degree (H), 62degree (V), 135.5degree (D) (2.8mm), 86degree (H), 46.5degree (V), 102.5degree (D) (4mm). General Function. Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark. Frame Rate-</p>	
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	Main Stream Max. Frame Rat: 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720), Sub-stream Max. Frame Rate: 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240). Digital Noise Reduction (DNR)- 3D DNR, Wide Dynamic Range (WDR)- DWDR. Password Protection-Yes. Watermark-Yes. Motion Detection-Yes, Dust Protection- IP67, Water Protection- IP67. Simultaneous Live View- Up to 6 channels, Scanning System- Progressive. Video Type- H.265+/H.265/H.264+/H.264, Wavelength- 850 nm. Ingress Protection Grade- IP67. Working Distance- 30 Meter. Protocols- TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP, Form Factor- Dome, Smart Alarm- Motion detection, video tampering alarm, illegal login. Body Material- Metal (Camera Body), Plastic (Bottom Base), Dimensions- 110 x 93.2mm (Camera), Color- White. Power- Coaxial Power Plug, Power Supply- 12 VDC+- 25%, 5.5 mm coaxial power plug, PoE (802.3af, class 3.)	
2	4MM 2MP Exir Fixed Bullet Network Camera. [Technical Specification's: Type- Fixed. Part No.: DS-2CD1T23G2-I, Focal Length - 4 mm. Angle of View- Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°. Dimension- 83.7 mm × 80.7 mm × 205.6 mm (3.3" × 3.2" × 8.1"). Weight-560g. Interface- 1 RJ45 10 M/100 M self-adaptive Ethernet port Image Sensor- 1/2.9" Progressive Scan CMOS. Effective Pixels- 1920 × 1080, IR Distance- Up to 50 m. Built-in Microphone. Warranty-1 Year]	
3	CAT-6 Network Cable Meter (White) CCA. (Specification: Type- Network Cable coil Length- 305 Meter. Product Type- Round Cable. Channel Bandwidth- 250MHz. Conductor Material- CCA (Copper content 27%). Jacket Material- FR-PVC, Cable Shielding- UTP (Unshielded Twisted Pair). AWG- 23AWG, Dimension- 410 x 410 x 240mm, Color- White. Feature- 305 m CAT6 UTP Network Cable(CCA), 305 m cost-effective CAT6 CCA, network cable, Full diameter and full length, Quality verified by Fluke test, Guaranteed long PoE transmission distance.	
4	Installation Charge	

Lot-3: Tools and AC Accessories (FC-3258119)

1	Copper Tube (1/2")	
2	Raping Tape (2")	
3	Steiner	
4	Freon Gas (R22)	
5	Capacitor: 60 mfd	
6	Capacitor: 55 mf	
7	Magnetic Contactor: 30A, 220V	
8	Thrawzone	
9	Copper Nut (1/2")	
10	Capacitor: 3.5 mfd	
11	Digital AC Clamp Meter, [Product Features: Part No.: KEW2117R, Fully Safety jaw, The ergonomic over-molded body gives convenient one-hand operation, Large easy-to-read display with 0.01A resolution, Accurate reading with True RMS, 600/1000A auto-ranging, Long battery life, Safety Standard, IEC 61010-1 CAT IV 300V / CAT III 600V, Made in Japan/Italy/Germany/USA]	
12	12" Adjustable Wrench [(300mm) Industrial series]	
13	8" Adjustable Wrench [(200mm) Industrial Gripro Series]	



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14	8-in-1 screwdriver Set (Tolsen)	
15	Cutting Pliers 200mm, 8" (Bir)	
16	Nose Pliers 200mm 8" (Bir)	
17	8 Inch Flat Head Screwdriver JETECH Brand	
18	Hammer 1 lbs	
19	Double Open Spanner Set 8mm-22mm (7 Nos)	
20	Combination Pliers 200mm, 8" (Bir)	
21	Multi Meter M118A	

Lot-4: Conference System Delegate unit (4112303)

Sl. No.	Product Specification	
1	Conference System Delegate Unit , [Technical Specification's: Function- HTDZ HT-350d, Frequency response: 40-16000Hz, Sensitivity: -42±2dB, Reference: sound –receiving distance: 20-120cm, Built-in monitor loudspeaker (1w) for volume regulating, Red indicator light on the MIC, Electric capacity type microphone, equipped with windshield cover, extension pipe optional, Warranty: 01 Year.	

Lot-5: Ceiling Fan

Sl. No.	Product Specification	
1	Ceiling Fan, (Technical Speciation's-Color: Off White, Size: 1400 mm (56"), Nos. of Blade: 3, Insulation: Class – E, Rated Voltage: 220 Volts – AC, Frequency: 50 - C/S, Current: 0.301 A, Power Factor: 0.96, Power: 63.5 Watts, Speed: 310 RPM, Air Delivery: 264.5 M ³ /Min, Service Value: 4.16 M ³ /Min/W, BDS: 818	
2	Gi Pipe (3 feet and 6 Inch)	

Warranty: 12 Months from the date of installation for the all goods.

Country of Origin: USA/UK/EU/Japan/Australia/Canada/Singapore/Equivalent.