



त्रिभुवन विश्वविद्यालय

# शिक्षण अस्पताल

तार-टुथमेड  
महाराजगञ्ज  
काठमाडौं, नेपाल।

पत्र संख्या :-



मिति : २०८३।०३।०८

## सूचना

यस त्रि.वि.शिक्षण अस्पतालको एनेस्थेसियोलोजी, Emergency Lab तथा सुरेश वाग्ले भवनमा रहेको Director Office को लागि आवश्यक परेको Air Conditioner खरिद सहित जडान सम्बन्धि कार्य गर्न इच्छुक सम्बन्धित विषयमा इजाजत प्राप्त आ.व.२०८२/०८३ को लागि अस्पतालमा सूचीकृत वा अन्य व्यक्ति, फर्म तथा सप्लायर्सहरुले फर्म दर्ता, VAT दर्ता र पछिल्लो आ.व.को कर चुक्ता गरेको प्रमाणपत्रको प्रतिलिपि सहित अस्पतालको Website र सूचना पाटीमा यो सूचना प्रकाशित भएको मितिले ७ (सात) दिन भित्र सिलबन्दी दरभाउपत्र सामान्य प्रशासन शाखा 'ख' मा पेश गर्नु हुन सम्बन्धित सबैको लागि जानकारी गराइन्छ। साथै BOQ (Bill of quantity) र Technical Specifications यसै साथ संलग्न गरिएको छ।

योगनाथ ढकाल

प्रमुख

सामान्य प्रशासन शाखा 'ख'

**TU Teaching Hospital, Maharajgunj, Kathmandu**

**Price Details for Supply, Installation, Testing and commissioning of Air Conditioner**

2082/083

S.N	Description	Unit	Qty	Unit/Rate	Amount in word	Total Amount
1	1.0 TR (3.5kw) DC Inverter wall mounted split air-conditioner	1	Set			
2	2.0 TR (7 kw) DC Inverter wall mounted split air-conditioner	1	Set			
3	2 (7kw) TR DC inverter ceiling cassette split type air-conditioner	1	Set			
4	4.0 TR (14 kw) DC inverter ceiling cassette split air-conditioner	1	Set			
5	Electrical works	1	Lot			
Sub total						
13% VAT						
Grand Total						

प्रोपाइटरको नाम :

कुल कबोल रकम भ्याट  
बाहिक अक्षरमा :

फर्मको नाम :

कुल कबोल रकम भ्याट  
सहित अक्षरमा :

हस्ताक्षर :

मिति :

ठेगाना :

छाप :

सम्पर्क नं.

ईमेल :

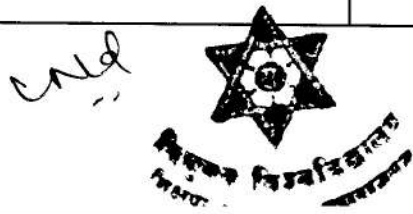


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**TU TEACHING HOSPITAL  
MAHARJGUNJ**

**Technical Specifications for Air-Conditioning Systems.**

SN	Technical specification	Specify either Fully Comply(FC) or not Comply(NC)
*	<b>The bidder should supply, install, test, and commission the provided machine, including all related civil, electrical, and plumbing work.</b>	
1	<b>1.0 TR (3.5kw) DC Inverter wall mounted split air-conditioner</b>	
*	<b>Indoor Unit Model No:</b>	
*	<b>Outdoor Unit Model No:</b>	
*	<b>Manufacturer's Name:</b>	
*	<b>Country of Origin:</b>	
*	<b>Compressor Model No:</b>	
1.1	Should have minimum nominal cooling capacity 3.5 kW.	
1.2	System should have new technology of automatic filter cleaning.	
1.3	System should have auto restart system and over-under voltage protection system.	
1.4	should have minimum EER 3.5 W/W.	
1.5	Noise of indoor unit at max 40 dBA	
1.6	should have 13 feet pure copper Liquid line & vapour line pipe diameter 1/4 inch and 1/2 inch respectively.	
1.7	should have i-Clean technology washes away dust, mold, and grease that may cause odors.	
1.8	should operate efficiently within a voltage range of 100V to 270V AC.	
1.9	should have Full DC Inverter-based AC having electronic expansion valve.	
1.10	should be run at hot temperatures of upto 50°C & cold temperatures of upto -5°C.	
2	<b>2.0 TR (7kw) DC Inverter wall mounted split type air-conditioner</b>	
*	<b>Indoor Unit Model No:</b>	
*	<b>Outdoor Unit Model No:</b>	
*	<b>Manufacturer's Name:</b>	
*	<b>Country of Origin:</b>	
*	<b>Compressor Model No:</b>	
2.1	Should have minimum nominal cooling capacity 7 kW.	
2.2	System should have new technology of automatic filter cleaning.	
2.3	System should have auto restart system and over-under voltage protection system.	
2.4	should have minimum EER 3.4 W/W.	
2.5	Noise of indoor unit at max 48 dBA	
2.6	should have 13 feet pure copper Liquid line & vapour line pipe diameter 3/8 inch and 5/8 inch respectively.	
2.7	should have i-Clean technology washes away dust, mold, and grease that may cause odors.	
2.8	should operate efficiently within a voltage range of 100V to 270V AC.	
2.9	should have Full DC Inverter-based AC having electronic expansion valve.	
2.10	should be run at hot temperatures of upto 50°C & cold temperatures of upto -5°C.	



3	<b>2.0 TR (7kw) DC inverter ceiling cassette split type air-conditioner</b>	
*	<b>Indoor Unit Model No:</b>	
*	<b>Outdoor Unit Model No:</b>	
*	<b>Manufacturer's Name:</b>	
*	<b>Country of Origin:</b>	
*	<b>Compressor Model No:</b>	
3.1	Should have minimum nominal cooling capacity 7 kW.	
3.2	System should have auto restart system and over-under voltage protection system.	
3.3	Noise of indoor unit at max 48 dBA	
3.4	should have service valve Liquid line & vapor line pipe connection size 3/8 inch and 5/8 inch respectively.	
3.5	should have indoor unit clean technology washes away dust, mold, and grease that may cause odors.	
3.6	Electrical power supply 220 VAC 50 hz.	
3.7	should have Full DC Inverter-based AC having electronic expansion valve.	
3.8	should be run at hot temperatures of upto 50°C & cold temperatures of upto -5°C.	
4	<b>4.0 TR (14 kw) DC inverter ceiling cassette split air-conditioner</b>	
*	<b>Indoor Unit Model No:</b>	
*	<b>Outdoor Unit Model No:</b>	
*	<b>Manufacturer's Name:</b>	
*	<b>Country of Origin:</b>	
*	<b>Compressor Model No:</b>	
4.1	Should have minimum nominal cooling capacity 14.0 kw.	
4.2	System should have auto restart system and over-under voltage protection system.	
4.3	Should have indoor unit maximum air flow 1580 m3/h.	
4.4	should have minimum Cooling SEER 6.0 W/W & heating Heating SCOP 4.0	
4.5	Noise of indoor unit at max 38 dBA	
4.6	Should have indoor clean technology washes away dust, mold, and grease that may cause odors.	
4.7	Electrical power supply 3ph 400 VAC 50 hz.	
4.8	should have Full DC Inverter-based AC having electronic expansion valve.	
4.9	Should be run at hot temperatures of upto 43°C & cold temperatures of upto 15°C.	
5	<b>Electrical works</b>	
5.1	Supply, installation, testing, and commissioning of electrical distribution board (DB) complete with 1 no. 63 A TPN MCB, 1 no. 32 A TPN MCB, and 2 nos. 16 A DP MCBs, including all necessary internal wiring and accessories.	

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