



त्रिभुवन विश्वविद्यालय

शिक्षण अस्पताल

तार-दुयमेड
महाराजगञ्ज
काठमाडौं, नेपाल।

त्रिभुवन विश्वविद्यालय
शिक्षण अस्पताल, महाराजगञ्ज

सूचना

२०८३।०२।२६


पत्र संख्या :-

मिति :

यस त्रि.वि.शिक्षण अस्पतालको Psychiatric विभागको लागि तपसीलमा उल्लेखित उपकरण खरिद गर्नु पर्ने भएकाले उक्त सामग्री आपूर्ति गर्न इच्छुक इजाजत प्राप्त सप्लायर्स/कम्पनी/फर्महरुले यो सूचना प्रकाशित भएको मितिले तीन (३) दिन भित्र आवश्यक सम्पूर्ण कागजात सहित शिलबन्दी दरभाउपत्र अस्पतालको सामान्य प्रशासन शाखा "क" मा पेश गर्नुहुन सूचित गरिन्छ। प्राविधिक विवरण र मुल्य विवरण फारम पनि यसै साथ संलग्न गरीएको छ। साथै थप जानकारीको लागि सामान्य प्रशासन शाखा 'क' मा सम्पर्क गर्न सकिनेछ।

तपशिल :

S.N.	Description	Req.Unit
1.	ECT Machine.	1 Set.


सरस्वती गुरुङ्ग
प्रमुख
सामान्य प्रशासन 'क'

Prakash



1. Price Schedule for Machine

1	2	3	4	5	6	7	8
Item	Description	Unit	Quantity	Unit price (Site Delivery)	Total price in figure (cols. 4 x 5)	Total price in words	Remarks
1	ECT Machine.	Set	1 (One)				
				Total Amount			
				Add 13% Value Added Tax			
				Total Including VAT			

Total Price (in words)

Signature and Stamp of Bidder _____

Note: In case of discrepancy between unit price and total, the unit price shall prevail

2. Schedule of Requirements

The delivery schedule expressed as days/weeks/months stipulates hereafter a delivery date which is the date of delivery to the final destination where the Goods is required to be delivered.

No.	Description	Quantity	Place of Delivery	Delivery schedule days/weeks/months from date of Purchase Order
	ECT Machine.	1(One) Set	TUTH, Maharajgunj, Ktm.	5-7 Days (Very Urgent) / As Soon as Possible.

3) Technical specification and cost estimate of ECT Machine.

S.N	Technical specification for ECT Machine	
	Name of Bidder	
	Manufacturer	
	Brand	
	Model No	
	Country of Origin	
1.	It should have following electrical and stimulation parameters	
	<ul style="list-style-type: none"> a. Current-type: constant current, bidirectional square-wave b. Output current: 500-900 mA (fixed or adjustable, with preferred setting around 800mA) c. Pulse width: brief pulse/ultra brief pulse d. Adjustable range: 0.1-2.0 ms e. Frequency range: 20-120Hz f. Stimulus duration: 0.1-6 seconds(adjustable) g. Total charge delivery 50-540 mC h. Should be able to carry out time domain/ spectral analyses of EEG recordings 	
2.	It should require the following power supply	
	<ul style="list-style-type: none"> a. Input voltage: 220-240 AC b. Frequency: 50 HZ c. It should tolerate voltage fluctuations in Nepal 	
3.	It should have followings monitoring features	
	<ul style="list-style-type: none"> a. EEG monitoring: minimum 2 channel EEG b. ECG monitoring: Integrated or compatible with external monitors c. Motor seizure monitoring: using EMG or motion sensor d. Impedance Monitoring: continuous dynamic and static display 	
4.	It should have following safety features	
	<ul style="list-style-type: none"> a. Automatic inhibition of stimulus delivery if impedance is unsafe b. Automatic cut-off for excessive current or short-circuit c. Manual emergency stop facility d. Visual and audible indicator during stimulus delivery e. Password-protected clinician access 	
5.	It should have following controls and the displays	
	<ul style="list-style-type: none"> a. Should have the digital LCD or a touchscreen that needs to display: <ul style="list-style-type: none"> current (ma) pulse width (ms) frequency (Hz) stimulus duration (sec) Total charge (mc) Patient impedance (Ohms) Time domain/ spectral analyses of EEG recordings b. Manual and pre-programmed treatment modes c. Hand held stimulus trigger with safety switch 	
6.	It should have followings data management systems	
	<ul style="list-style-type: none"> a. Internal memory for storing treatment parameters b. USB or equivalent port for data transfer c. Optional printer interface for EEG and treatment record printing 	

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7.	The computer system provided should have the following features	
	a. CPU: at least Dual core-2.8,1-GB RAM, 500 GB HDD, DVD driver b. Monitor: at least 15 " colored display c. Printer: Inkjet/ Laser color d. Keyboard, mouse, mouse pad: one each	
8.	Should have the following accessories	
	a. Hand-held stimulus electrode: minimum 2 sets b. EEG electrodes and cable: minimum 20 c. EMG electrodes and cable: minimum 20 d. ECG cables and electrodes: minimum 20 e. Bite blocks (multiple size): minimum 2 f. Conductive gel: minimum 3 jars of 5 liters	
	Terms and Condition	
1.	Should be ISO Certified.	
2.	The unit should be CE marked OR US- FDA certificates must be valid.	
3.	The supplier must submit the brochure or e-copy.	
4.	Should have 3 years complete parts and service warranty excluding consumable and additional two years of service warranty	
5.	Certification of manufacturer guaranteeing the availability of all spare parts for next 10 years.	
6.	Onsite repair & maintenance training and operational training to the Hospital's technical, biomedical staffs and Users.	
7.	The Company Should have trained Engineer/Technician based inside the city of use to provide service with in 48 hrs of call. The certificate of trained personnel should be attached	
8.	1 copy of operating manual in English should be provided at the time of installation.	
9.	The bidder should submit the valid authorization letter from the manufacturer.	
10.	The machine supplied should be brand new with the date of manufacture mentioned and the country of origin should be clearly mentioned.	
11.	All the standard accessories to run the machine shall be provided during the time of installation.	
12.	Provision of a list of the important spare parts and their accessories with their part number and costing	