



पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ0ग0)

—: निविदा सूचना :-

क्र0 36/विकास/निसू/2017

रायपुर, दिनांक 03-03-2017

पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर की ओर से निर्माताओं तथा उनके अधिकृत विक्रेताओं से (1) Center for Cognitive Science, (2) Center for Integrated Tribal Studies (3) Center for Translational Chronobiology (4) Center for Geriatrics and Gerontology (5) CBS के लिए Networking उपकरण सामग्री क्रय करने (6) यांत्रिकी विभाग के लिए इलेक्ट्रिकल सामग्री क्रय करने (7) वि0वि0 में उपलब्ध पुराने वाहन क्रं. CG-04-J-5471, Mahindra Bolero Camper MDI ऑफसेट मूल्य राशि रूपए 40000.00 निर्धारित किया गया है, को विक्रय जाना हैं। इच्छुक फर्म रजिस्ट्रार कार्यालय से पाँच सौ रुपये नगद भुगतान कर निविदा प्रपत्र प्राप्त कर सकते हैं। निविदा जमा करने की अंतिम तिथि- 09/03/2017 को 3:00 PM तक स्पीड पोस्ट के माध्यम से, निविदा खोले जाने की तिथि-10/03/2017 को 11:30 AM संबंधित विभागों में खोला जावेगा। निविदा का विस्तृत विवरण विश्वविद्यालय के **Website:- www.prsu.ac.in** पर देखा जा सकता है।

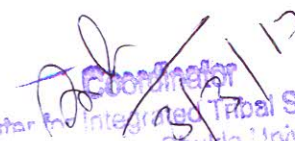
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**Center for Integrated Tribal Studies**

**School of Studies in Anthropology, Pt. Ravishankar Shukla University, Raipur (C.G.)**

S.No.	Name of Instrument	Technical Specification		
1	Camera	Item model number-DR-70D Screen Size -1.5 Item Weight-544 g Product Dimensions-15.9x11.4x5.7 cm Batteries: 4 AA batteries required. i. Four-channel recorder and mixer ii. Compact case with tripod mounts designed for use with cameras iii. Four XLR microphone inputs with phantom power iv. Mic preamps feature 64dB of gain with individual controls per channel.		
2	Body Composition Analyzer	<b>BF-907</b>		
3	Anthropometer Kit	Galaxy make		
4	Anthropometer Rod	Galaxy make		
5	Sartorius Electronic Balance Quintix-224 (capacity 220 gm & readability 0.1 mg )	<b>Technical Specification</b>	<b>Quintix 35-Semi Micro Balance</b>	<b>Quintix 224 Analytical Balance</b>
		Sensitivity drift between +10°C and +30°C	±1 ppm/K	±1.5 ppm/K
		Display result (depending on the set filter level)	0.2 /0.4 S	0.2 S
		Weighing Capacity	220 g	220 g
		Redeability	0.01 mg	0.1 mg
		Repeatability	0.03 mg	0.1 mg
		Linearity	0.1 mg	0.2 mg
		Typical stabilisation time	6 Sec	2 Sec
	weighing pan size	80 mm	90 mm	
6	E-Gel Imager-Gel Documentation System (Invitrogen make)	I. The instrument should be compact, space saving, benchtop equipment suitable for fluorescent stained, colorimetric stained gels and western dot-625 probe stained gels etc. ( for eg. Ethidium Bromide staining, Coomassie Blue staining, silver stain, etc) II. The system should be equipped with excitation light sources of UV and provided with a light tight dark hood. III. The system should be provided with white light conversion		

  
 Coordinator  
 Center for Integrated Tribal Studies  
 Pt. Ravishankar Shukla University  
 Raipur (C.G.)

		<p>screen also for protein analysis.</p> <p>IV. Imaging by 16 bit high resolution monochrom camera with F/1.4 lens, optical zoom and Field focus View of 11 x 14 cm.</p> <p>V. System should be inclusive of universal filter suitable for routinely used dyes.</p> <p>VI. Software for imaging, data acquisition is included.</p> <p>VII. System should be light weight and capable of connecting to any computer.</p> <p>VIII. Image acquisition and image analysis software should be simple with lane profiling and band addition and deletion options.</p> <p>IX. System should be with Laptop having 4 GB RAM, 500 GB Hard Disc, Intel pentium quad core processor, Windows 7 professional 32 bit or 32 bit windows 10.0 professional downgradable right to use windows 7.0, 32 bit or better.</p>
7	<b>Qubit-3.0 (Invitrogen make)</b>	<p>i. Instrument should be a Fluorescence based quantification platform for DNA/ RNA and Proteins.</p> <p>ii. The system should have Large 5.7" Capacitive LCD color touch screen to ensure precision.</p> <p>iii. The system should have Automatic data logging and USB port for efficient data management.</p> <p>iv. The system should display Standard curve after calibration completion.</p> <p>v. The system should provide long range of sample workable volume ranging from 1ul-20ul.</p> <p>vi. The system should be sensitive quantifying samples with concentrations as low as 10pg/ul of DNA and 12.5ug/ml of proteins.</p> <p>vii. The system should have internal memory storing at least 1000 analysis data.</p> <p>viii. System should have Dynamic range: 5 orders of magnitude</p> <p>ix. Processing time should not be more : <math>\leq 5</math> seconds/sample</p> <p>x. Light sources: Blue LED (max ~470 nm)</p> <p>xi. Red LED (max ~635 nm)</p> <p>xii. Excitation filters: Blue 430–495 nm Red 600–645 nm</p> <p>xiii. Emission filters: Green 510–580 nm Red 665–720 nm</p> <p>xiv. Detectors: Photodiodes: measurement capability from 300–1000 nm</p> <p>xv. Calibration type: 2- or 3-point standard</p> <p>xvi. Tube type: 0.5-mL Real Time PCR (polypropylene) tubes</p> <p>xvii. Warm-up time: &lt; 35 seconds</p> <p>xviii. The system should at least have 1 year of warranty post installation.</p>