



No: AIIMS/R/CS/Ped/SCOE/21/194/PAC/

Date: 14/06/2021

NOC

Sub: Purchase of Body Composition Analyzer Machine for Department of Pediatrics at AIIMS, Raipur, on Proprietary basis- Inviting Comments Thereon.

The institute is in the process to purchase of Body Composition Analyzer Machine for Department of Pediatric at AIIMS, Raipur from **M/s InBody Co., Ltd, 625, Eonju-ro Gangnam-gu, Seoul 06106 Korea** on proprietary basis. The local agent for above item is M/s InBody India Limited, A57, Raj Commercial Complex, Military Road, Marol, Andheri East, Mumbai- 400059. The proposal submitted by department of Department of Pediatric at AIIMS, Raipur and PAC Certifications are attached which is to be upload on website.

The above documents are being uploaded for open information to submit objection/ comments, if any from any manufacturer regarding proprietary nature of the Body Composition Analyzer Machine/item with **07** days from the date of issued/uploading of the notification by reference no. AIIMS/R/CS/Ped/SCOE/21/194/PAC. The comments should be sent to Stores Officer, Gate No. 05, Medical College Building, Ground Floor, AIIMS, Raipur on or before 21/06/2021 up to 3.00 pm. failing which it will be presumed that any other vendor having no comment to offer and case will be decided on merits.

Encl:-

01. Proprietary letter of Vender.
02. Certificate for Purchase of Proprietary Article


Stores Officer
AIIMS Raipur (C.G.)
भंडार अधिकारी (के क्रय)
Stores Officer (CP)
एम्स, रायपुर (छ.ग.)
AIIMS Raipur (C.G.)



अखिलभारतीय आयुर्विज्ञानसंस्थान, रायपुर (छ.ग.)
All India Institute of Medical Sciences, Raipur (Chhattisgarh)
 Tatibandh, GE Road,
 Raipur-492 099 (CG)
 www.aiimsraipur.edu.in

स्वामित्वप्रमाणपत्र
Proprietary Article Certificate

फाइल संख्या औरसंदर्भ File Number and Reference		
1	सामाग्रीकाविवरण Description of article	① Body Composition analyzer Machine Make Inbody S10
2	पूर्वानुमानितमात्रा / वार्षिकआवश्यकता Forecast of quantity/annual requirement	② Case for inbody S10 ③ Locking body 120 Data Management Program for Inbody.
3	उपरोक्तमात्रा हेतुअनुमानितमूल्य Approximate estimated value for above	①
4	निर्माताकानाम एवं पता Maker's name and address	Inbody India Private Limited Mumbai
5	अधिकृतडीलर / स्टॉकिस्टकानाम Name(s) of authorised dealers/stockists	Urtronics India.
6	<p>मैंपी ए सी के आधारपरउपरोक्त खरीदकोस्वीकारकरताहूँऔर यह प्रमाणित करताहूँकि: नोट- (बी), (सी-1) या (सी-2) में से केवल एक कोबनाए रखने के लिए टिककरें, जोभीलागूहोऔरदूसरोकोकाटदें। कृपया (ए) टिककरपुष्टिकरेंइसकेबिनापीएसीप्रमाणपत्र अवैध होगा</p> <p>I approve the above purchase on PAC basis and certify that:- Note- Tick to retain only one out of (b), (c-1) or (c-2) whichever is applicable and cross out others. Please do confirm (a) by ticking it - without which PAC certificate will be invalid.</p>	
6 (a)	यह एकमात्र फर्महैजोइसमदकानिर्माण / संग्रहणकररहाहै। और This is the only firm who is manufacturing /stocking this item. AND	✓
6 (b)	किसीअन्य फर्म द्वारासमरूपमदनिर्मित / विक्रय नहीं कियाजाताहै, जिसकाउपयोगइसकेबदलेकियाजासकताहै। अथवा A similar article in not manufacturing/sold by any other firm, which could be used in lieu OR	✓
6 (c-1)	कोईअन्य मेक / ब्रांडनिम्नलिखितकारणो (जैसेओईएम / वारंटी के) के लिए उपयुक्त नहीं होगा। अथवा No other make/brand will be suitable for following tangible reasons (like OEM/warranty spares): OR	✗
.....		

	
6 (c)	<p>कोईअन्य मेक / ब्रांडनिम्नलिखितकारणो से उपयुक्त नहीं होगा (अगर पीएसीपिछले खरीदमेंभीदियागयाथा, तोकृपयाइसकेबाद से अधिकस्रोतोका पता लगाने के लिए प्रयास करें)तथा</p> <p>No other make/brand will be suitable for following intangible reasons (if PAC was also given in the last procurement cycle, please also bring out efforts made since then to locate more sources): OR</p>	X

	<p>प्रस्ताव के लिए वित्त शाखा की सहमतिकासंदर्भ(कार्रवाई भंडारऔरलेखाविभाग द्वारा की जायेगी)</p> <p>Reference of concurrence of finance wing to the proposal (Action will be taken by stores & Account Department)</p>	_____

पिछलेतीनसालोंमेंइसमद की पीएसी खरीदकाइतिहासनीचेदियाजासकताहै (यदि कोई हो)History of PAC purchase of this item for past three years may be given below (if any)

प्रदायककानाम Name of the Supplier	आदेशितमात्रा Quantity Ordered	आदेशपरमूलदर (<input type="checkbox"/>) Basic Rate on order (<input checked="" type="checkbox"/>)	प्रतिकूलप्रदर्शनरिपोर्टअगरकोईहो Adverse Performance Reported if any
आदेश / निविदासंदर्भऔरदिनांक Order/Tender reference & Date			

अनुमोदनकरनेवालेप्राधिकारीकाहस्ताक्षर.....

दिनांक 27/03/2021

अधिकारीकापदनाम.....

प्राध्यापक एवं प्रमुख, बाल एवं शिशु रोग विभाग
एम्स, रायपुर (छ.ग.)
Professor & Head, Department of Pediatrics
AIIMS, Raipur (C.G.)

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PROPRIETARY CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

This is to certify that InBody 570, a Body Composition Analyzer with our patented **Bio Impedance Analysis with Direct Segmental Multi-frequency Bioelectrical Impedance Analysis Method (Hereinafter referred to as "DSM-BIA")** technology is **PROPRIETARY PRODUCT** manufactured only by us InBody Co., Ltd., a corporation registered under the corporate laws of Republic of Korea and Rules and Regulation made thereunder and having registered office at InBody Building, 625, Eonju-re, Gangnam-gu, Seoul, Pln Code- 06106, Republic of Korea.

This is also to certify that, DSM-BIA technology used in InBody 570 is Invented, Developed & registered by InBody Co., Ltd. under United States Patent and Trademark Office.

InBody India Private Limited is subsidiary of InBody Co., Ltd. is sole supplier of InBody 570 in India from **1st January 2017 upto 31st December 2026.**

InBody Co., Ltd
Kichul Cha
Kichul Cha,
President



**Dr. Kichul Cha
(Chief Executive Officer)**

InBody Co., Ltd.
625, Eonju-ro, Gangnam-gu, Seoul 06106 KOREA
TEL: (82-2)501-3939 FAX: (82-2)777-7777

AB

Specification for Body Composition analyzer machine

Make: Inbody

Model: S10

Key Specifications	
Bioelectrical Impedance Analysis (BIA) Measurement Items Impedance(Z)	30 impedance measurements by using 6 different frequencies (1kHz, 5kHz, 50kHz, 250kHz, 500kHz, 1000kHz) at each
Reactance(Xc)	15 reactance(Xc), phase angle(θ) measurements by using 3 different frequencies (5kHz, 50kHz, 250kHz) at each
Phase Angle(θ)	segments of the body(right arm, left arm, trunk, right leg, left leg)
Electrode Method	Tetrapolar 8-Point Tactile/Adhesive Electrode System
Measurement Method	Direct Segmental Multi-frequency Bioelectrical Impedance Analysis Method, DSM-BIA method
Body Composition Calculation Method	No use of Empirical Estimation
Outputs	<p>Body Composition Intracellular Water, Extracellular Water, Total Body Water Protein, Mineral, Body Fat, Soft Lean Mass, Fat Free Mass, Weight, Skeletal Muscle Mass, Body Fat Mass, Percent Body Fat, BMI, Segmental Lean Analysis, Segmental Water Analysis, Total and Segmental Water Ratio(ECW/TBW), BCM(Body Cell Mass), BMC(Bone Mineral Content), AC(Arm circumference), AMC(Arm Muscle Circumference), Waist Cir., Visceral Fat Area, Basal Metabolic Rate(BMR), TBW/FFM, Body Water History(12times accumulated results), Impedance at Each Segment & Frequency(Impedance, Reactance, Phase Angle)</p> <p>Body Water I Intracellular Water, Extracellular Water, Total Body Water Weight, Segmental Water Analysis, Total and Segmental Water Ratio(ECW/TBW), BMI(Body Mass Index), Percent Body Fat, Basal Metabolic Rate(BMR), BCM(Body Cell Mass), BMC(Bone Mineral Content), Fat Free Mass, AC(Arm circumference), AMC(Arm Muscle Circumference), TBW/FFM, Body Water History(15times accumulated results), Impedance at Each Segment & Frequency(Impedance, Reactance, Phase Angle)</p> <p>Body Water II Intracellular Water, Extracellular Water, Total Body Water Weight, Segmental Water Analysis, Total and Segmental Water Ratio(ECW/TBW), Skeletal Muscle Mass, Body Fat Mass, BMI, Percent Body Fat, Segmental Lean Analysis, Soft Lean Mass, Fat Free Mass, Protein, Mineral, BCM(Body Cell Mass), BMC(Bone Mineral Content), AC(Arm circumference), AMC(Arm Muscle Circumference), Waist Cir., Visceral Fat Area, Basal Metabolic Rate(BMR) TBW/FFM, Body Water History(12times accumulated results), Impedance at Each Segment & Frequency(Impedance, Reactance, Phase Angle)</p>
Feature Specifications	
Logo Display	Possible to input name of the user's place, address and contact number
Type of Results Sheet	Basic : Body composition results sheet (Printed Paper/Blank Paper) Body water results sheet(I , II) (Blank Paper) Option: Thermal results sheet(when using thermal printer)
Portability	Indoor with own cart(optional), Outdoor
Posture	Lying Posture, Seated Posture, Standing Posture
Electrode Type	Touch Type, Adhesive Type
Setting of Dialysis Mode	Measurement time(before/during/after dialysis), Access position, Paralyzed position set available



प्राध्यापक एवं प्रमुख, बाल एवं किशो-रोग विभाग
 एम्स, रायपुर (C.G.)
 Professor & Head, Department of Paediatrics
 AIMS, Raipur (C.G.)

Data Storage	Possible to save the results when ID is entered(Up to 100,000 measurements)
User's Interface	Touch screen and key pad
Use of USB Storage Device	Possible to backup and transfer data to USB storage device (compatible with Excel and Lookin'Body software) Should use the USB storage device provided by InBody
Data Back-Up	Possible to backup data through USB storage device and to restore the data to the InBody
Printer Connection	USB port
Other Specifications	
Applied Rating Current	Under 100 μ A(1kHz), 500 μ A(over 5kHz)
Power Consumption	50VA Adapter Power Input AC100~240V, 50/60Hz, 1.2A Power Output DC 12V, 3.4A
Display Type	800 × 480 Touch Color LCD
External Interface	RS-232C 1EA, USB Slave 1EA, USB Host 1EA
Compatible Printer	Laser/Inkjet PCL 3 or above and SPL(Printer recommended by InBody) Thermal Printer(Optional)
Dimensions	202 (W) × 322 (L) × 53 (H): mm 8 (W) × 12.7 (L) × 2.1 (H): inch
Machine Weight	2kg(4.4lbs)
Measurement Duration	1min. 50sec.
Operation Environment	10 ~ 40°C(50 ~ 104°F), 30 ~ 75%RH, 70 ~ 106kPa
Storage Environment	-20 ~ 70°C(-4 ~ 158°F), 10 ~ 95%RH, 50 ~ 106kPa(No condensation)
Weight Range	5 ~ 250kg(11.02 ~ 551lbs)
Height Range	50~ 220cm(1ft. 6 in. ~ 7ft. 2.6in.)
Age Range	1 ~ 99 years

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आर्य समाज, बाल एवं शिशु रोग विभाग
एम्स, रायपुर (छ.ग.)
Department of Paediatrics
Raipur (C.G.)

Specification for Samsung Printer ML-2021

S.No.	Specification	
1.	Active Noise Level	50
2.	Printing Method	Laser
3.	Type	Single Function
4.	Model Name	M2021
5.	Model Series	M Series
6.	Printing Output	Monochrome
7.	Printer Languages	Host Based
8.	Internal Memory	64 MB
9.	Functions	Print
10.	Brand	SAMSUNG
11.	Refill Type	Toner Cartridge
12.	Ideal Usage	Business
13.	Max Print Resolution (Mono)	1200 X 1200 dpi
14.	Duty cycle (monthly, A4)	8000 pages
15.	Print speed Photo (10 x 15)	20 sec
16.	Cost per Page (Black)- As per ISO Standards	0.25 Paise
17.	Media types supported	Labels, Thick, Plain, Envelope, Cardstock, Thin, Cotton
18.	Auto Document Feeder	No
19.	Output tray capacity	150 sheets
20.	Multipurpose tray capacity	150 sheets
21.	Input tray type	Paper
22.	Output tray type	Face Down
23.	Bit depth Colour	47
24.	Bit depth Mono	24
25.	Fax delayed sending	No
26.	Memory Capacity	150 pages
27.	Resolution	1200 X 1200 dpi
28.	Modem Speed	14.4 kbps
29.	Auto Dial	No
30.	Group Dials	8 groups
31.	Copier resize	200%
32.	First Copy Out Time	9 sec
33.	Operating Humidity range	30 %
34.	Power requirements	220
35.	Power consumption (manual-off)	310 W
36.	Power consumption (active)	440 W
37.	Height	18 cm
38.	Width	33 cm
39.	Weight	4 cm
40.	Depth	22 cm
41.	Memory	8 MB
42.	Processor	400 MHz
43.	Other System Requirements	Windows 8.1/8/7/Vista/XP/2008R2/2008/2003/20 OS X 10.5 - 10.9, Various Linux
44.	Operating System	Windows 8.1/8/7/Vista/XP/2008R2/2008/2003/2012, Mac OS X 10.5 - 10.9, Various Linux
45.	Ethernet Support	Yes
46.	USB support	2
47.	Wireless Support	No
48.	In The Box	1000 Page Standard Cartridge (Ships With 1000 Pages Starter Toner Cartridge), Main Unit



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