# **RAJENDRA INSTITUTE OF MEDICAL SCIENCES, RANCHI**

<u>Sample Tender paper for (1)Stationary / miscellaneous/ Electrical/Linen/mattress (2) Hospital Furniture (3) Kitchen Thali & Trolley (4) Dental Institute Furniture (4) CCTV and recording System</u>

٦	Fender Notice No 333 dated 21-01-2016	
Issued to		
	M/s	
Against money	receipt number/RIMS, c	lated :
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		Ranchi

# jkt\$nz vk; (jo)Kku l &Fkku

(झारखण्ड सरकार का एक स्वयतशासी संस्थान) राँची—834009 (झारखण्ड)

दुरभाषः 0651—2541533, फैक्सः 0651—2540629, E-mail: rimsranchi@rediffmail.com



### **RAJENDRA INSTITUTE OF MEDICAL SCIENCES**

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### Tender Notice No. RIMS/Stores/Misc (05)/ 333 Dated 21-01-2016

### <u>fufonk</u> çi =

रिम्स, राँची में विभिन्न प्रकार के विविध सामग्रियों यथा:-

(1) स्टेशनरी, विद्युत सामग्री, लिलेन एवं मेट्रेस (2) अस्पताल फर्नीचर (3) पाकशाला थाली ट्रॉली एवं फर्नीचर (4) डेन्टल इन्स्टीच्युट के फर्नीचर (5) विभिन्न विभागों में सी०सी०कैमरा सिस्टम मॉनीटर केबुल एवं इसके संचालन हेतु सभी सामग्री के साथ आपूर्ति एवं अधिष्ठापन हेतु प्राधिकृत ब्रिक्रेता / आपूर्ति कर्त्ताओं से टू बीड सिस्टम (तकिनकी भाग एवं मूल्य भाग)के अन्तर्गत टंकित एवं मुहर बन्द निविदा स्पीड पोस्ट अथवा निबंधित डाक के माध्यम से आंमित्रत की जाती है। हाथों —हाथ अथवा अन्य किसी अन्य माध्यम से निविदा स्वीकार नहीं की जायेगी। निविदा से संबंधित तिथि एवं जानकारी:—

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01	प्री बीड बैठक (मिटिंग)	दिनांक 04–02–2016 को अपराह्न 12.30 बजे से रिम्स
		प्रशासनिक कक्ष में। इच्छुक निविदादाता निविदा से संबंधित
		तकनिकी बिन्दुओं पर (निविदा समर्पण से पूर्व) विमर्श हेतु बैठक में
		शामिल होने के लिए स्वतंत्र है।
02	प्री बीड बैठक में भाग लेने हेतु सैम्पल निविदा	दिनांक 30—01—2016
	प्रपत्र, रिम्स वेबसाइड www.rimsranchi.org पर	
	उपलब्ध होने की तिथि	
03	फाइनल निविदा प्रपत्र बिक्री हेतु जारी करने की	दिनांक 10—02—2016 से 09—03—2016 तक कार्यालय अवधि में
	तिथि	इच्छुक निविदादाता अलग–अलग निविदाओं का निम्नांकित
		लागत(नन रिफनडेबल) शुल्क देकर रोकड़पाल, रिम्स से प्राप्त कर
		सकते हैं अथवा रिम्स वेबसाईट से डाउन लोड कर बैंक ड्राफ्ट के
		द्वारा निविदा शुल्क जमा कर निविदा में भाग ले सकते हैं। निविदा
		प्रपत्र शुल्क निम्नवत है :-
		1. स्टेशनरी, विद्युत सामग्री, लिलेन एवं मेट्रेस रू0 2500/—
		2. अस्पताल फर्नीचर रू० 2500 / —
		3. पाकशाला थाली ट्रॉली एवं फर्नीचर रू० 2500/—
		4. डेन्टल इन्स्टीच्युट के फर्नीचर रू० 2500/—
		5. विभिन्न विभागों में सी०सी०कैमरा सिस्टम मॉनीटर केबुल
		एवं इसके संचालन हेतु सभी सामग्री रू० 2500/—
04	निविदा प्रपत्र जमा करने की अन्तिम तिथि	दिनांक 10—03—2016 को अपराह्न 4.30 बजे तक (केवल स्पीड
		पोस्ट अथवा निबंधित डाक द्वारा )
05	निविदा का तकनिकी भाग खुलने की तिथि	दिनांक 11—03—2016 को अपराह्न 12.30 बजे रिम्स प्रशासनिक सभा
		कक्ष में। निविदादाता बैठक में शामिल होने के लिए स्वतंत्र है।

निविदा से संबंधित अन्य जानकारी एवं विवरणी दिनांक 30—01—2016 से रिम्स वेबसाइड www.rimsranchi.org पर उपलब्ध रहेगा।

> ह0 / — निदेशक राजेन्द्र आयुर्विज्ञान संस्थान, राँची।

निविदा सं0 333 दिनांक 21.01.2016 के अन्तर्गत विविध सामग्रियों की निविदा क्रमांक 01 से 04 के लिए निविदादाताओं को निम्नांकित परफोर्मा भरना अनिवार्य होगा। निम्नांकित परफोर्मा में वांछित किसी भी अभिलेख के अभाव में निविदादाता की निविदा स्वतः रदद मानी जाएगी।

1	वांछित प्रपत्र के लागत का मनी रशीद(Maoney Receipt)	हाँ अथवा नहीं	यदि हाँ तब निविदा के किस
	की मूल प्रति अथवा डाउनलोड की स्थिति में		पृष्ठ सं0 पर उक्त अभिलेख
	बैंक ड्राफ्ट की मूल प्रति		संलग्न है।
2	अग्रधन के अग्रधन के रूप में निविदा में संलग्न रू0		पृ० सं०
	25,000 / –का बैंक ड्राफ्ट जो निदेशक, राजेन्द		
	आयुर्विज्ञान संख्या के नाम हो की मूल प्रति एवं ड्राफ्ट		
	संख्यादिनांक निर्गत करने वाला		
	बैंक का नाम।		
3	निविदादाता का झारखण्ड बिक्री / वाणिज्य कर विभाग में निबंधन		
	JVAT/ की छाया प्रति।		
4	JVAT/ बिक्री कर विभाग द्वारा निर्गत		
	अनापत्ति प्रमाण पत्र (Clearance		
	certificate ) जो निविदा खुलने की तिथि को मान्य हों।		
	अथवा यदि निविदादाता का JVAT में निबंधन नहीं है तब		
	नोटरी शपथ पत्र जिसमें अंकित हो " रिम्स में हमारे द्वारा		
	आपूर्ति होने वाले सामाग्रियों का JVAT भुगतान करने के		
	पश्चात् ही हमारे द्वारा (निविदादाताओं द्वारा) रिम्स में		
	आपूर्ति की जाएगी।		
5	आयंकर पैन कार्ड की छायाप्रति(यदि		
	निविदादाता कंपनी अथवा पार्टनरशिप		
	फर्म हो तब कंपनी /फर्म के नाम का पैन कार्ड अथवा यदि		
	निविदादाता फर्म का एकल मालिक हो तब मालिक के नाम		
	का पैन कार्ड मान्य होगा। ) निविदादाता द्वारा नोटरी शपथ पत्र		
6	ानावदादाता द्वारा नाटरा शपथ पत्र जिसमें अंकित हो –" हमारा फर्म		
	जिसन आकेत हा — हनारा कम / कंपनी पूर्व में या वर्त्तमान में किसी		
	त्रवना वृत्य न वा वसनान न किसा सरकारी अथवा अर्द्धसरकारी उपक्रम		
	के काली सूची में नहीं है तथा		
	वर्त्तमान में उनके उपर कोई अपराधिक		
	मामला नहीं चल रहा है। "		
7	निविदादाता का विगत तीन वर्षों का		
	आयकर रिटर्न का प्रमाण पत्र की		
	छायाप्रति ।		
8	निविदा का सभी अनुलग्नक पृष्ठांकित होना चाहिए		पृ0तक

निविदादाताओं को निम्नांकित परफोर्मा भरना अनिवार्य होगा। निम्नांकित परफोर्मा में वांछित किसी भी अभिलेख के अभाव में निविदादाता की अल्पकालिन निविदा स्वतः रदद् मानी जाएगी।

में / हम प्रमणित करते हैं कि मेरे अल्पकालिन निविदा के तकनिकी भाग में कुल ...... पृष्ठ संलग्न हैं।

निविदादाता अपने निविदा में निविदित सामग्रियों को निम्न प्रकार सुचिबद्ध करते हुए अल्पकालिन निविदा समर्पित करेंगे। नमुना के आधार पर सामग्रियों का चयन के लिए क्रय समिति स्वत्रंत है।

निविदादाता का हस्ताक्षर एवं मुहर

# Øekad 01 ls04 dsfy, fufonk dh'kril

- 1. निविदा के साथ झारखण्ड राज्य के लघु उद्योग इकाईयों को छोड़कर शेष सभी निविदादाता को निविदा प्रपत्र के अनुसार बैंक ड्राफ्ट निदेशक, रिम्स, राँची के नाम से प्लेज्ड होना चाहिए। पूर्व के निविदा में जमा की गयी अग्रधन मान्य नहीं होगी।
- 2. निविदा के लिफाफे के उपर जिस सामाग्रियों के लिए निविदा दे रहे अंकित होना चाहिए ।
- 3. निविदा के मुल्य भाग में सामान का नाम मेक एवं दर अंकित रहेगा।
- 4. निविदा के तकनिकी भाग में सफल निविदादाता का ही प्राईस बीड खोला जायेगा।
- 5. निविदादाता मानक स्तर के निर्माता के ही सामानों का दर प्रेषित करेंगे।
- 6. समानों की आपूर्ति एफ0ओ0आर0, रिम्स राँची के भण्डार में करना होगा तथा इसके लिए रिम्स प्रबंधन द्वारा किसी प्रकार का भाड़ा भत्ता का भूगतान नहीं किया जायेगा।
- 7. क्रय समिति द्वारा स्वीकृत निविदा एक वर्ष अथवा अगली निविदा होने तक मान्य रहेगा।
- 8. पूर्व निर्धारित तिथि को सरकारी अवकाश हो पर अवकाश के अगले दिन उसी समय तक निविदा स्वीकार की जायेगी एवं इसके लिए अलग से किसी प्रकार की सूचना प्रकाशित नहीं किया जायेगा।
- 9. निविदादाता अगर अपने स्वीकृत दर पर कार्यादेश में निर्धारित दिनों के अन्दर आपूर्ति नहीं करते है तो बिना स्मार पत्र दिये द्वितिय दर पर अथवा बाजार मुल्य पर अन्य निविदादाता द्वारा आपूर्ति ली जायेगी एवं अंतर राशि उनके विपत्र से अथवा अग्रधन की राशि से कटौती कर ली जायेगी।
- 10. निविदादाता द्वारा प्रेषित निविदा में उपरोक्त किसी भी निविदा शर्ते अपूर्ण रहने की स्थिति अथवा आवश्यक प्रमाण –पत्र निविदा में संलग्न नहीं रहने पर उक्त निविदादाता की निविदा स्वतः रदद मानी जायेगी।
- 11. इस निविदा में संबंधित सभी प्रकार के विवाद के निपटारे का न्याय क्षेत्र राँची होगा।
- 12. अधोस्तिक्षरी को यह अधिकारी सुरक्षित होगा कि किसी एक निविदा या सभी निविदा को आंशिक रूप से अथवा पूर्णतः बिना कारण बताए स्वीकृत अथवा रदद् कर सकते है।
- 13. तकनिकी भाग के समक्ष निविदादात को नमूना की माँग की जायेगी । नमूना नहीं प्रस्तुत करने पर निविदादाता को तकनिकी रूप से असफल माना जाएगा एवं उनके दर पर विचार नहीं किया जायेगा।
- 14. फर्निचर के सामानों में न्युनतम एक वर्ष अथवा निर्माता द्वारा निर्धारित गारण्टी(जो भी अधिकतम हो) देना होगा।

ह0 / — निदेशक राजेन्द्र आयुर्विज्ञान संस्थान,राँची।

fufonkokj | kefxz, ka dh | uph fuEufyf[kr gkx \$16.2 | Qekzd 01 (a) LVskujh , oa fofo/k (b) fo | ur | kexh (c) fyusu , oa e \$1/3 | dh fufonk ds fy, & (a) Stationary & Miscellaneous:-

	nary & Miscellaneous :-		
SI.No	Items		
1	White Paper D.F.C		
2	Paper Pin		
3	Xerox Paper-A475 GSM		
4	Xerox Paper-A375 GMS		
5	Carbon/ A3 size		
6	Pencil Carbon/ A4 size		
7	Register 250, 350,150 Paper		
8	Exercise Book Page 140		
9	Whitener		
10	Board File		
11	James Clip, paper Clip		
12	Stamp Pad (Medium size)		
13	Stamp Pad Ink 500 ml		
14	Stapler No. 10, 24/6		
15	Stapler Pin 10,24/6		
16	Glass Marker pencil		
17	Tag		
18	Chalk (Black Board Writing-Diff Color) 100 pcs box		
19	Cello Tap 2" (Transparency )		
20	Receipt & Dispatch Register Page -300		
21	Plastic Folder File (Spring type good quality)		
22	Fine Ball Pen Refills (Jotter Type)		
23	Fine Ball Pen Refills (Jotter Type)		
24	Computer Ribbon		
25	Attendance Register 48 page		
26	White Board Marker Pen		
27	Gum 500ml		
28	Envelope 9" x 4"		
29	Envelope ( Cloth Pasted ) 12" x 10", 16 x 12" and of other different sizes		
30	Stock register page 258		
31	Index File		
32	White Board (Rate in Sq. ft)		
33	White Board Duster		
34	HP laser printer Cartridge CE400A, CE401A, CE402A, CE403, 88A, 12A, 78A, 15A & other size		
35	Calculator 12 Digits		
36	Hand Note book		
37	Sealing Wax		
38	Fine Ball Pen (Pilot)		
39	Blank Computer Paper on 60 gsm , Size 6"x8"x2 part		
40	Clourfull Flage		
41	Dot Matrix Ribbon Cartridge (TVS & EPSON LQ 300)		
	Miscellaneous		
42	Offline UPS Battery for 0.5KVA/01KVA		
43	Online UPS Battery for 0.5KVA/01KVA  Online UPS Battery for 01 KVA/02KVA/03KVA/05KVA/10KVA/20KVA (26Ah & 42Ah)		
44			
45	Hand Wash soap		
46	Soda Match Box		
46	Match Box		
	Saving Blade		
48	Blue (Powder)		
49	Sweing Thread		
50	Battery No. 935/1035		
51	Battery No. 950		
52	Pencil Battery		
53	Torch 3 Cell, 5 Cell (Metal )		
54	Cleaning Powder		
55	Detergent Powder		

56	Tourch Bulb , 3 cell, 5 cell
57	Lock , 7 Lever (Link Godgej )
58	Plastic Bucket 12"
59	Bleaching Powder
60	Rubber pipe 1" & ½ "
61	Plastic Dust Bin with Cover 12 Ltr
62	Liquid Mosquito destroyer machine
63	Liquid mosquito refills
64	O.T. Sleeper
65	Mosquito Killer spray
66	Name Plate , Writing & Hanger , Acrylic Sheet (Rate in sq. ft)
67	Gloves Powder
68	Flow meter of B type Oxygen Cylinder
69	Plastic Chair
70	Plastic Stool
71	Duster Cloth
72	Hand wash Liquid soap
73	Thread (three in one)
74	Fiber Door Matt (in Squarfite )
75	Room fresner
76	Candle (Big Size)
77	Wall Clock
78	Table Glass( rate in sq fit.)
79	LED Tv (Full HD) 32", 42"& 48"

# 1.(b) Electrical

$(D) \sqsubseteq E$	ecincai
SI.No	Nam of Electrical items
1	Bulb 100 Walt
2	Bulb 15 Watt
3	Tube Light 4; 2;
4	Tube light Complete Set 4'
5	Flexible wire size 0/76, 40/76
6	5 Amp. Top (Plug)
7	15 Amp. Top (Plug)
8	5 Amp. Socket
9	5 Amp. Switch
10	Bulb Holder (Angle Type)
11	Copper Chock for Tube Light 40W, 20W
12	Starter for Tube Light
13	Room heater Single
14	Electric Copper Wire No. 7/20, 1 mm, 2.5 mm
15	Energy Saver 23 Watts, 9 Watt
16	Electric Cell Bell
17	Remote Electric Call Bell
18	15 Amp Switch Socket Combined
19	Blower (Room Heater)
20	Condenser For fan
21	Electric Wooden Board with Sunmica Top Size 8" x 12"
22	Pl Tube -36 Watt, 11 Watt, 9 Watt
23	Fan Regulator
24	Ceiling Fan 48"
25	Wall Fan (Standared size )
26	Voltage Stabilizer 5 KVA for AC
27	Inverter with battery with 2.5 KVA with Installation
28	Servo Stabilizer 5 KVA
29	Ultra Violate Tube Light 20 Watt, 40 Watt
30	Voltage Stablizer- 1.5, 3KVA
31	Core Heavy wire
32	LED bulb 6 watt
33.	White tube & Blue tube for phototherapy matchine -18 watt& 20 watt

### 1(c) Lenen & Mattreses

(C) Lene	en & Mattreses
SI.No	Nam of items
1	White bed sheet size 58" x100 (Cotton )
2	Rubberised coir Mattress with rexin cover size 78" x 36" x3"
3	Mattress for Labour Table
4	Mattress for patient Trolley
5	Rexin cover for mattress size 80 x 40" 4"
6	Blanket Red (Wollen )
7	Blanket Check (Wollen )
8	Fine Markin Cloth wide 107 cm
9	Fine Green Cloth wide 107 cm
10	White hand towel size 2' x 2'x 3' x 6'
11	Fine Plain curtain cloth
12	Pillow 1.5 Kg
13	White Pillow Cover (Cotton) Standard size
14	Mosquito net size 85" x40" x50"
15	Carpet with fixing (rate in sq .ft )
16	Dari size 6' x 2.5'
17	Fine sky blue cotton cloth
18	Leanuaum mat with fixing (rate in sq. ft)
19	Plastic for Appron (Cream colour)
20	Fine navy blue cotton cloth
21	Doctor's coat (Bamboon X Organic cotton Blend 200 GSM with RIMS Logo)
22	Patient's wear (Bamboon X Organic Cotton Blend , Loose fith for easy access, 170 GSM)
23	Maternity wear (Bamboon X Organic cotton Blend, loose fith for easy access,170 GSM)
24	OT Room Towel (Bamboon X Organic cotton blend 120 GSM with RIMS tag)
25	Staff wear (Women's ) (Bamboon X Organic cotton blend, loose fith for easy access, 170
	GSM)
26	Staff wear (Men's ) (Bamboon X Organic cotton blend, shirt and trouser with RIMS Print, 170
	GSM)
27	Operatoin Room Gown (Bamboo X Organic cotton blend, Fire size)
28	Operatoin Room caps (Bamboo X Organic cotton blend, Fire size)

# Øekad 2- vLirky Quhipj (Hospital Furniture)

SI no.	Name of Article	Specifications
1	Iron Bed ( Hospital)	Overall dimension (L) 2106 x (W) 914 x (H) 614 mm with Head Board & Foot Board made up of MS ERW round tubes of section 19 mm , 25.4mm & 31.75 mm having thickness of 1.6mm. Higher diameter tubes to be used for better sturdy structure, Lying surface must be made of CRCA sheet with thickness of 1 mm & must be powder coated with & anti rust coating. It should consists of mattress retainer to define the mattress position. Understructure are made up of ERW round tubes should be used with thickness of 2mm with section 32mm, All metal components should be pre treated with zinc phosphating and then powder coated with epoxy polyster powder coating. Maximum patient load should be 135 kg.The manufacturer should be having certifications like; BIFMA/ISO 9001:2008, ISO 13485:2012 and CE certification. Mattress should have two section 100 mm mattress and made of 40 density pu foam. The mattress should have high end heavy hellium cover which is water resistant, x ray permeable, fire retardant.

2	Half Fowler Bed	(L)2158 mm X ( W)915 mm X (H) 560 mm
	( Hospital)	It is a single function bed, which has an adjustable backrest and a fixed lower section. It has a fixed height of 560mm as per the human anthropometric study. Bed FrameMS ERW RECT Tube and MS ERW Round tube is made of 30mm X 60mm and Ø 25.4 mm Section respectively of 1.6mm thickness.Under Structure has a Higher diameter tube which provides a sturdyunderstructure.Lead Screw: Thread Rolled En8 Lead Screw, with ACME threads and 6mm pitch givesgood strength, with ease of operation.Handle: Snap locking Handle lever of PPCO with handlebody keep it in folding position whennot in use.Head Board & Leg Board SS202 Tube, SS Sheet & PLT Ø31.75 mm tube1.2 mm thk.tube ,18mm thk. Board Head / Leg Board is made of a bent SS tube on the periphery & a PLT panel inthe centre.Lying surface area of CRCA consists of mattress retainer to define the position of the mattress.High endurance metal castors provided with dual locking arrangement are diagonally placed. Wheel Dia 125mm Diagonal locking provides better stability to bed in the locked position.Powder coating is Bacteriostatic and thermosetting epoxy polyester,formulated to fulfill the requirements for bacterial protection.All powder coatedparts in RAL white.Other plastic parts in Pantone Cool Grey 8C.Head / Leg board SS tubes with buffed mirror finish. User instruction stickers in Pantone Cool Grey 8C.Maximum patient load is 135 kgBackrest Elevation 70°±2. The manufacturer should be having certifications like; BIFMA, ISO 9001:2008, ISO 13485:2012 and CE certification. Mattress should have two section 100 mm mattress and made of 40 density pu foam. The mattress should have high end heavy hellium cover which is water resistant, x ray permeable, fire retardant.
3	Iron Baby Cot	Overall Dimensions-1570 mm(L)x839 mm(W)x1218 mm(H) The plain bed used in the recovery ward for children. The headboard/ffor board frame is ERW tube of sectional area 15.88,31.75 and 25.4 of thickness 1.2 mm,1.6 mm and 1.2 mm respectively. The side rail is ERW tube of sectional area 19.05 of thickness 1.2 mm. The top sheet is CRCA SHEET of 1.2 mm thickness and side rail hook is Rod of 0.6 mm sectional area and the leg shoe is neoprene and rubber shoe provided to avoid metallic wear and sound. The finish is powder coated epoxy polyster and color is MS parts in RAL white, plastic parts in Pantone cool Gray BC. Maximum patient load is 100 kg. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008 ISO 13485:2012 and CE certification. Mattress thickness-75 mm Foam details: foam density(40+/-2) kg per metre cube. Hardness in kg=45+/-2 As per IS :7888 for 25 %compression. Stitched upholstry cover material. Helium heavy A/F F/R SM color navy blue(350 GSM,0.45 thk_with fire retardent and antimicrobial properties.
4	Bed Side Locker	Overall sizes 402 mm(L)x404 mm(W)x835 mm(H).Drawer si CRCA of 1mm thickness with ball slides for easy operation and lock,slide is MS with zinc plating and telescopic ball slides.the cabinet is CRCA of 1mm thickness with lock and ventilation holes.The top is SS 304 sheet of 0.8 mm section and castors dia is 50 mm with plastic molded castor,2 castor with lock,Handle material is ABS with recessed handle is provided to open the cabinet door.Powder coated eopxy polyster and RAL white powder,plastic parts in grey ss top with buffed mirror finish.The manufacturer should be having certifications like; BIFMA/ISO 9001:2008 ISO 13485:2012 CE certification
5	Bed Side Screen	Overall dimensions:2637 mm(L)x640 mm(W)x1720 mm(H). The fix frame is ERW tube of 25.4 mm of 1.2 mm thickness. The movable frame is ERW tube of 19.05 mm dia of 1.2 mm thickness. The leg frame is ERW tube of sq 30 of 1.6 mm thickness and castor wheels are 50 mm dia and bush for holding pipe of nylon 6 and screem is casement fabric for screen which is opaque for providing modesty. It has powder coated epoxy polystyer. Color is powder coated in RAL white. plastic parts in gray(pantone cool gray 8C)Casement fabric in green(RAL 6026). The manufacturer should be having certifications like; BIFMA/ISO 9001:2008ISO 13485:2012 and CE certification

6	Saline Stand	Overall sizes base circle dia695 mmx(H)Adjustable from 1568mm to 2121
		mm.The bottom frame is MS sheet of 1.63 mm thickness and press formed of sectional area 30 mm bushes for castor mounting. The fixed MS ERW tube of 31.75 of 1.63 mm thickness. The srew knob of nylon 6 with MS toughened nickelplate threaded stud and saline hook is SS 202 of 8mm dia. Accessory mounting cover is nylon 6 of ribbed section of 2mm thickness and internal safety stopper cum guide bush of nylon 6 telescopic guide bush at bottom. Castors are plastic injection molded castors of 50 mm dia wheel threaded stem and finish is powder coating anti microbial and thermosetting epoxy polyster formulated to fulfill requirements for bacterial protection. Powder coated parts in RAL white, plastic parts in Gray (pantone cool gray BC). SS parts in buffed mirror finish, knob in black color and maximum safe working load is 3 kg per hook for saline bag. Also provision for accessory mounting frame. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008, ISO 13485:2012 and CE certification
7	Dressing Trolley	Overall Dimensions-1156 mm(L)x931 mm(W)x915 mm(H).SS provided at the top for the placement of the instruments and top shelf materials are SS 304 sheet of 1 mm thickness and supporting legs are SS 304 tube of sectional area 31.80 mm dia of 1.2 mm thickness.Horizontal bar is SS 304 tube of dia 12.7 mm of 1.2 mm thickness.The bowl case and bucket holding case is 12.7 mm in dia of 1.2 mm thickness and castors are plastic injection molded castors of sectional area 125 mm dia.Bowl and bucket are SS 202 sheet of spin sections havin 0.8 mm thickness.The finish is SS Buffed to Glossy mirror finish.maximum safe working load is 10 kg/shelf & 5 kg for bowl and bucket each uniformly distributed load.The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008, ISO 13485:2012 and CE certification
8	Stainless Steel Instrument trolley	Overall Dimensions-1156 mm(L)x931 mm(W)x915 mm(H).SS provided at the top for the placement of the instruments and top shelf materials are SS 304 sheet of 1 mm thickness and supporting legs are SS 304 tube of sectional area 31.80 mm dia of 1.2 mm thickness.Horizontal bar is SS 304 tube of dia 12.7 mm of 1.2 mm thickness. finish.maximum safe working load is 10 kg/shelf each uniformly distributed load.The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008, ISO 13485:2012 and CE certification
9	Bowl Stand	Overall sizes Base circle dia 517 mmx(H)210 mm.Three legged kick bucket is mounted on castor.The ring unit is SS 304 sheet of 12.7 mm dia of 1.2 mm thickness and 25.4 mm dia of 1.2 mm thickness and bowl is SS 202 sheet of spin section of 0.8 mm thickness and castors are plastic injection molded castors of 50 mm in diameter.The finish is SS(buffed) to Glossy Mirror finish and maximum safe working load is 10 kg.
10	Medicine Trolley	Overall Dimensions-902mm(L)x532 mm(W)x915 mm(H).SS sheet provided at the top for the placement of the instruments.Top shelf is SS 304 sheet of sectional area 31.80 mm of 1.2 mm thickness and horizontal bar and bottom shelfof SS 304 sheet of 1mm thickness.Handle is ss 304 sheet of dia 16 mm of 1.2 mm thickness and castors are anti static plastix injection moulded castors.The finish is SS buffed to Glossy mirror finish.Maximum safe working load is 10 kg/shelf uniformly distributed load.The manufacturer should be having certifications like; BIFMA/ISO 9001:2008, ISO 13485:2012 and CE certification

4.4	Datiant Coll 11	Cartalan and Carta
11	Patients trolley with stretcher and matress	Stainless steel finished manual height adjustable trolley used in patient mobility for trauma patient during emergency in hospitals, Overall size 1900 (L) X 750 (W) X520-750 (H) mm. Base frame, Top frame Mattress support platform and linkage mechanism are made of SS grade 304. Mechanism structure round tube thickness is Min 3 mm and square/rectangular tube thickness is min 2mm, Plate used for load bearing members at mechanism has min thickness 4mm. Plastic fittings are in Nylon. Back rest can be adjusted with the help of cranck handle from 0 to 80 degree. Knee rest can be adjusted with the help of crank handle 0 to 40 degree. Height can be adjusted with the help of crank handle 520-750mm. Retractable Crank handle with foldable lever provides the benefit to user during operation and can be slide in when not in use. Anti crash bumper is arubber extruded profile provied around the top frame periphery which provides the safety to stretcher trolley and wall as well from all the directions. Side rail are mdeup of aluminium with anodizing finish. 150 mm wheel dia castors provided with locking 3 castors and directon lock is provided in 1 castor. and load carrying caacity per wheel is 120kg. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008, ISO 13485:2012 and CE certification
12	3 Seater seating	The seat shell is a welded assembly of seat , back and side frame. The seat and
	system	back are made of CR steel sheet having 0.12cm+/-0.013cm thick with oblong perforations. They are welded to side frame of size 3.2+/-0.05cm X 0.5+/-0.05cm thick HR steel. The welded assembly is powder coated with 40-60 micron. The seat has a front water fall edge to provide politeal clearence for comfortable seating. It also has a buttock support curve that not only provides rear support but also prevents small children from falling the gap between seat and back. Clean and flat surface of seat and back aids in easy maintenance. Seat size will be 47.8cm (W) x 44.6cm (D) and Back size will be 41.6cm(W) X 23.0cm(H). The understructure assembly consist of connecting beam and leg assembly made of M.S.E.R.W oblong tube of size 7.5+/-0.03cm X 2.5+/- 0.03cm X 0.2+/- 0.016cm thick. The welded structure assembly is powder coated with 40-60 microns. The leg assembly is fitted with shoes and levellers in Nylon. The leg structure is designed with minimal area of contact close to ground providing easy access for cleaning purpose. The shoes fitted to leg assembly help in aligning the structure for back to back arrangments. Levellers take care of uneven flooring. Connecting beam is fitted with the snap locking end cap. It also aids in side by side understructure alignment. The armrest assembly consist of armrest frame and armrest pad. The armrest frame is made up of size 3.175+/- 0.05cm X 0.47+/-0.027cm thick HR steel and it is powder coated with 40-60 micron. Armrest pad is injection moulded in Nylon and is fitted on to the armrest. Side table assembly is a welded structure assembly made of 0.12+/-0.013cm thick CR steel sheet with oblong perforations which is welded to side strip of size 3.2+/-0.05cm X 0.5+/-0.05cm thick HR steel. The welded assembly is powder coated with 40-60 micron and fitted to understructure assembly. The size of the side table will be 20 cm(W) X 37.2 cm(D). The manufacturer should be having certifications like; BIFMA/ISO 9001:2008 and should have Green Guard Certification for few of its products.
13	Chair with Writing Pad	Manufacturing, Supplying and Placing in position Chair with writing pad. The seat and back are made from chemically treated and seasoned wood, upholstered with black leather-cloth (PVC coated cloth) and 2.5cm. thick U-foam. The
		wooden desklet is made of 1.8cm. thick pre-laminated chipboard with 2mm. thick P.V.C lipping all around.The one-piece armrests are made of black integral
		skin polyurethane foam with 50-70 Shore hardness and reinforced with M.S. insert. The armrests are scratch and weather resistant. The assembly is a frame
		made of dia. 2.54cm. (1") x 14 BG M.S. E.R.W. tube. and a welded leg tube
		forming the armrest tube made of dia. 2.54cm.(1") x 18 BG thick M.S. E.R.W.
		Tube to the form the complete assembly, which is powder coated. The desklet is fitted on the right hand side armrest-cum leg tube. The paper tray is made of
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		0.4cm. dia. M.S. wire spot welded to form a mesh. It is black powder coated. The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008 and should have Green Guard Certification for few of its products.
14	Plastic Chair with Arm	Fully Moulded Plastic chair latest model
15	Revolving Chair	The seat and back are made up of 1.2 cm. thick hot-pressed plywood, upholstered with fabric upholstery covers and moulded Polyurethane foam. The seat has extra thick foam on front edge to give comfort to popliteal area.  BACK SIZE: 47.5 cm. (W) x 58.0 cm. (H)  SEAT SIZE: 47.0 cm. (W) x 48.0 cm. (D)  The Polyurethane foam is moulded with density = 45 +/-2 kg/m3 and Hardness = 20 +/- 2  at 25% compression. The one-piece armrests are injection moulded from black  Co-polymer Polypropylene. The mechanism is designed with the following features:  • 360 degree revolving type.  • Upright position locking.  • Tilt tension adjustment.  • Seat/back tilting ratio of 1:3 (60 seat tilt/180 back tilt)  The pneumatic height adjustment has an adjustment stroke of 12.0 cm. The bellow is 3 piece telescopic type and injection moulded in black Polypropylene.  The pedestal is injection moulded in black 30% glass-filled Nylon and fitted with 5 nos. twin wheel castors. The pedestal is 66.0 cm pitch-center dia. (76.0 cm with castors. The twin wheel castors are injection moulded in 30% Glass  Filled black Nylon. The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008 and should have Green Guard Certification for this products.
16	Revolving Chair with high back for executives	The seat and back are made up of 1.2 cm. thick hot-pressed plywood, upholstered with fabric upholstery covers and moulded Polyurethane foam. The seat has extra thick foam on front edge to give comfort to popliteal area.  BACK SIZE: 47.5 cm (W) x 69.5 cm (H)  SEAT SIZE: 47.0 cm. (W) x 48.0 cm. (D)  The Polyurethane foam is moulded with density = 45 +/-2 kg/m3 and Hardness = 20 +/- 2  at 25% compression. The one-piece armrests are injection moulded from black  Co-polymer Polypropylene. The mechanism is designed with the following features:  • 360 degree revolving type.  • Upright position locking.  • Tilt tension adjustment.  • Seat/back tilting ratio of 1:3 (60 seat tilt/180 back tilt)  The pneumatic height adjustment has an adjustment stroke of 12.0 cm. The bellow is 3 piece telescopic type and injection moulded in black Polypropylene.  The pedestal is injection moulded in black 30% glass-filled Nylon and fitted with 5 nos. twin wheel castors. The pedestal is 66.0cm pitch-center dia. (76.0 cm with castors. The twin wheel castors are injection moulded in 30% Glass  Filled black Nylon. The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008 should have Green Guard Certification for this products.

17	stacl Chair far	The cost and back are made up of 1.2 am thick hat are said above a
17	steel Chair for Visitors	The seat and back are made up of 1.2 cm. thick hot-pressed plywood, upholstered with fabric upholstery covers and moulded Polyurethane foam. The seat has extra thick foam on front edge to give comfort to popliteal area.  BACK SIZE: 47.5 cm (W) x 58 cm (H)  SEAT SIZE: 47.0 cm. (W) x 48.0 cm. (D)
		The Polyurethane foam is moulded with density = 45 +/-2 kg/m3 and Hardness = 20 +/- 2
		at 25% compression. The one-piece armrests are injection moulded from black Co-polymer Polypropylene. The powder coated tubular frame is cantilever type & made of dia 25.4mm x 2mm thk M.S. ER.W. Tube. The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008 should have Green Guard Certification for this products.
18	Plastic Stool	Moulded Plastic stool of standard company
19	Study Table for Library / conference hall / Dining Hall	Top: Top thickness 37.6 (18mm + 18mm + 0.6 mm DL + 0.4mm Membrane) Edge profile Waterfall Edge 10mm radius on top edge and 5mm at bottom. Legs: Made from 36mm PPB (18+18) having a straight profile with half round edges and clad with 0.6mm thick Post Forming laminate. Overall thickness of leg is 37.2mm. Modesty Panel: Made from PLT (Prelaminated Twin) boards of 18mm thick. Wire Management.The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008 and should have Green Guard Certification for this products.
20	Steel Almirah	Product Size: Plain (4S) - 916 mm (W) x 486 mm (D) x 1981 mm (H). Construction & Material § Welded construction. § 0.8 mm thk CRCA for Back, Shelf & 0.9 mm thk CRCA for all other components. Configuration (Door) § Full height Steel Hinged Door. Locking & handle: Mazak Handle. § 3 way locking mechanism with shooting bolt arrangement. Shelving: Height wise Adjustable Shelf Mounting. Uniformly Distributed Load Capacity per each full shelf is 80 Kg maximum. Plain 4S: 4 Nos. of Adjustable Full Shelves. Leveler § M10 Screw type leveler with hex plastic base
		8. Finish § Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.
21	Steel rack Normal Size	Steel rack of size 72"X36"X 18" with 6 shelves of 20G CR sheet including TOP and bottom fixed on 4 steel-5 bends slotted angles having 16 corner support and 80 sets of nut bolts. And angle thickness will be 1 mm
22	Steel rack Large Size	Steel rack of size 98"X36"X 15" with 7 shelves of 20G CR sheet including TOP and bottom fixed on 4 steel-5 bends slotted angles having 16 corner support and 88 sets of nut bolts. And angle thickness will be 1 mm
23	Labour table with stainless Steel Top	Standard size 72"X24" with built in back rest, self locking with Mattress sliding handle, foot end can be raised by screw mechanism, I U and lithotomy rod & straps with instrument tray attached.
24	Iron Examination Table with matress	Over all sizes (L) 1830mm X (W) 600mm X (H) 850mm, The examination table is made of sturdy structure, The backrest has ratchet mechanism for tilting the backrest. The leg farme is made up of M.S.E.R.W tube with a section 0f 30 X 30 mm and thickness of 1.6mm and Intermediate frame also made up of M.S.E.R.W tube with section of 30 X 30 mm and 1.6 mm thick, The Leg shoe is made up of Nylon 6 to avoid wear & tear. Lying surfae is made up of M.S steel with a thickness of 1.2 mm, and Ratchet is made up of MS plate with a thickness of 5mm and provides the back rest tilt Odegree, 15 degree, 30 degree adjustment position. The product is finished with Expo polyster powder coating and maximum safe patient load bearing capacity is 135 KgThe manufacturer should be having certifications like; BIFMA, ISO 9001:2008, ISO 14001:2004, ISO 18001:2007,ISO 13485:2012 and ISO 50001 and CE certification. Mattress foam density will be 40kg/m3 and hardness will be 45 at 25% compression and ball resillence will be 47%. Mattress upholestry of PU leatherite cover material is of

		R1807 or equivalent. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008, ISO 13485:2012 and CE certification.
25	Iron Footstep	Over All Size (L) 665 X (W)485 X (H) 393mm, Double step stool is a sturdy stool for supporting the patient while accessing the bed or examination table. The under structure frame is made up of M.S steel with a section of 19mm X 19mm and thickness of 1.2mm, The under structure frame consist of six vertical tubes and three horizontal pipe at the bottom and ten tubes at the top to support the sheet metal top, Stool top is made up of 1.2mm thick MS steel sheet, Rubber mat is made up of natural rubber of thickness 3.2mm texture rubber mat is placed on the sheet metal top for getting the good grip. The stool is treated with anti microbiological and thermosetting epoxy polyster, formulated to fulfill the requirements for bacterial protection. Maximum load bearing capacity is 135 Kg. The manufacturer should be having certifications like; BIFMA, ISO 9001:2008, ISO 13485:2012 and CE certification.
26	Revolving Stool	Stainless steel stool top of 10"diameter height adjustable with 4 legs of 1"dia steel pipe of 18G
27	Folding Wheel Chair	Overall dimensions 790 mm (L)x600 mm(H)x870 mm (H).Chrome finished wheel chair foldable type with cushion type seat and flexible back wheel type is Mag wheels, foldable frame structure is made of dia 22 x1.2 mm steel tube.A3 carbon steel with chrome finish.Cross bar made of dia 25.4 mm x1.2 mm A3 carbon steel.24 inch solid mag wheels with alloy in the rim and solid rubber rubber lining for the wheels for strong and sturdy performance made of PA polymer and outer with solid rubber.Integrated handrim provide to drive whel chair made of dia 16x1.2 mm A3 carbon steel wioth chrome finish.b inch HUB made of PA polymer and outer with solid rubber.PU moulded armrests for better arm support.holder base made of ABS polymer.Leatherite strap for calf rest and cushion leatherite seat.Adustable alumium(ZL104) die cast footrest with up down and swivel type.Handle provided with moulded pVC grip to push wheelchair.handbrakes provided to lock the wheelchair at desired location.Provision of extended base of foot press with moulded plastic(PE PLASTIC) grip to lift the wheelchair front to overcome obstructions while maeuvering.Anti rust chrome finish.The manufacturer should be having certifications like; BIFMA/ISO 9001:2008, ISO 13485:2012 and CE certification.
28	Computer Table	Dimension: 1200 X 600 X 750. Material: 18mm Prelam Particle Board, 3mm Prelam MDF Board. Metal Parts: BM Slide for Keyboard, Castor Mounting Plate, Locking Bracket, Angle Clit. Construction: KD fitting, Wooden Dowel & Angle Clit. Table Top Weight: 35 Kgs. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.
29	Computer Chair	SEAT /BACK ASSEMBLY: The seat is made up of 1.2 cm +/- 1mmthick hot pressed plywood and back injection moulded from black Co-polymer Polypropylene are upholstered with fabric and moulded Polyurethane foam together with covers. The back foam is designed with contoured lumbar support for extra comfort. The chair is available in two models.  BACK SIZE: 39.0cm(W) x 24.0cm.(H)  SEAT SIZE: 45.5cm(W) x 41.0cm.(D)  POLYURETHANE FOAM: The polyurethane foam is moulded with density = 45 +/-2 Kg./m3 and hardness = 16 +/-2 on Hampden machine at 25% compression.  SEAT / BACK COVERS: The upholstered seat is covered on the underside with black Polypropylene non-woven fabric and the upholstered back is covered with a back cover injection moulded in black Co-polymer Polypropylene. ADJUSTABLE BACK MECHANISM: The adjustable back mechanism is designed with the following features: 3600 revolving type.  Provision for backrest tube (3.5cm. x 1.5cm. x 16BG.)  Back height adjustment 9.0 cm.

		Infinite locking of back height.
		PNEUMATIC HEIGHT ADJUSTMENT: The pneumatic height adjustment has an adjustment stroke of 11.0 cm +/- 3mm. PEDESTAL ASSEMBLY: The pedestal is fabricated from 0.2cm. thick HR sheet (IS: DD 1079/HR), powder coated and fitted with an injection moulded black Polypropylene hub cap and 5 nos. twin wheel castors.(castor wheel dia. 5.0cm.) The pedestal is 55.0cm +/- 5mm. pitch-center dia. (65.0 cm with castors). TWIN WHEEL CASTORS: The twin wheel castors are injection moulded in Black Nylon. The manufacturer should be having certifications like; BIFMA, ISO 9001:2008, ISO 14001:2004, ISO 18001:2007,ISO 50001
30	Mosquito Net Rod	Made of 3/8 "dia MS rod for one side
31	Steel Book Shelf	Dimension: 914 mm (W) x 320 mm (D) x 1742 mm (H). Rigid Knock down construction. Prime Quality CRCA Steel - Panels & Frame from 0.8 mm thick. Door Features/ Locking: Each Door has 10 Lever Cam lock with common key · Each Door has 3 mm Thk transparent glass for clear inside vision secured in a Metal Frame through rubber gasket. Each door has a Scissor mechanism for receding inside the top of respective compartment & ensures parallel & smooth movement. Each door has Plastic side end caps as Handle which is easy to grip. Storage Shelving: Each compartment has storage shelf. Uniformly Distributed Load Capacity per each shelf is 80 Kg maximum. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.
32	Full Secretrait Table for Executives	Manufacturing, Supplying and Placing in position Executive Table having main Table of size 1800 mm W, 900 mm D, 750 mm H with the top thickness of 65 mm. made up of MDF + Veneer + PU coating. Modesty panel of size 1640 X 600 X 16mm made up of MDF + Veneer + PU coating to support the Main desk & provide stiffness to the table. Mobile pedestal madeup of MDF + Veneer + PU Coating with the size of 510 W X 635 H X 445D. Table will have ERU with the top thickness of 25mm made up of MDF + Veneer + Pu Coating size of the ERU table will be 1200 W X 445 D X 660 H. Back unit size of 2215 W X 410 D X 2000 H made up of MDF + Veneer + PU coating and door will be Glass facia with thickness of 5mm. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.
33	Large Office Table	Dimension: 1500 X 750 X 740. TOP: 25 MM THICK PLAIN PARTICLE BOARD (PPB) CLAD WITH 0.6MM THICK POST FORMED LAMINATE AND 1MM THICK BACKING LAMINATE (BDL). FLAT EDGE DULY SEALED WITH 2MM THICK PVC BEADING. MODESTY PANEL: 18MM THICK PLAIN PARTICLE BOARD (PPB) CLAD WITH 1.0MM THICK DECORATIVE LAMINATE (DL) ON BOTH SIDES. EDGE SEALED WITH 2MM THICK PVC BEADING. Back Unit: Dimension: 1280 X 425 X 705. TOP & SIDE PANEL: 25 MM THICK PLAIN PARTICLE BOARD (PPB) CLAD WITH 0.6MM THICK POST FORMED LAMINATE AND 1MM THICK BACKING LAMINATE (BDL). FLAT EDGE DULY SEALED WITH 2MM THICK PVC BEADING. DOORS, PARTITIONS & SHELVES: 18MM THICK PLAIN PARTICLE BOARD (PPB) CLAD WITH 1.0MM THICK DECORATIVE LAMINATE (DL) ON BOTH SIDES. EDGE SEALED WITH 2MM THICK PVC BEADING.The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.
34	Office table	Dimension: 1365 W X 680 D X 735 H table made up of Pre -laminated Boards with the top thickness of 18+/- 0.5 mm and with 2mm thick PVC edge banding on all side. The understructure of the table is made up of tabular frame with the Dia of 25.4+/- 0.3mm X 1.2+/- 0.096mm thick MS ERW tube.and modesty panel are made up of 1.0+/- 0.09mm CRCA MS with the powder coated of 50 microns (+/-10), Storage consist of shell made up of 0.5+/-0.07mm thick CRCA MS and Drawer Tray and Drawer Front are also made up of CRCA MS with the thickness of 0.5+/-0.07 and 0.8+/-0.1mm consecutively. Lock for the drawer unit will be 10 lever cam lock and the handles are built in plastic.The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.

35	Side rack for Office table	Steel rack of size 30"Htx 36"width and 15"depth having 3 shelves inclusing top & bottom of 22G sheet fixed on 4 steel slotted angles with atleast 8 corner support and 40 sets of nut bolt
36	Office Chairs  Notice Board with	Manufacturing, Supplying and Placing in position chair seat and back are made up from seasoned wood and plywood and the same is upholstered with synthetic leather and polyurethane foam. Back Size of the chair will be 46 cm (W) X 27 cm (H) and Seat size 46 cm (W) X 40 cm (H). The armrest tube is made up of MSERW tube having powder coated of 40-60 micron. The dia of the tube will be 2.54+/-0.03cm X 0.2+/-0.016cm thick. The armrest is gas assisted injection moulded from black polypropylene. The under structure assembly will be a contilever type frame made up from MSERW tube powder coated with 40-60 microns, The dia of the tube will be 2.54+/-0.03cm X 0.2+/-0.016cm thick. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.  Any size with soft Pin board and sliding glass shutters, provision for a lock
37	sliding glass shutters	Any size with soft rill board and shaing glass shatters, provision for a lock
38	Food carrying trolly	Standard Size with a) 3 shelves b) with 2 shelves
39	Hostel Cot	Size 78"x36"x18" in 3 parts joined toghether with nut bolts, head bow and leg bow of 1" sqaure steel pipe of 18g having 3 verticle support. Sleeping platform made of heavy 2" x1" rectengular M.S. Pipe with 19mm thick ply board
40	Study Table for Hostel Rooms	Dimension: 1365 W X 680 D X 735 H table made up of Pre -laminated Boards with the top thickness of 18+/- 0.5 mm and with 2mm thick PVC edge banding on all side. The understructure of the table is made up of tabular frame with the Dia of 25.4+/- 0.3mm X 1.2+/- 0.096mm thick MS ERW tube.and modesty panel are made up of 1.0+/- 0.09mm CRCA MS with the powder coated of 50 microns (+/- 10), Storage consist of shell made up of 0.5+/-0.07mm thick CRCA MS and Drawer Tray and Drawer Front are also made up of CRCA MS with the thickness of 0.5+/-0.07 and 0.8+/-0.1mm consecutively. Lock for the drawer unit will be 10 lever cam lock and the handles are built in plastic.The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.
41	Chair without arm for Hostel Rooms	SEAT /BACK ASSEMBLY: The seat is made up of 1.2 cm +/- 1mmthick hot pressed plywood and back injection moulded from black Co-polymer Polypropylene are upholstered with fabric and moulded Polyurethane foam together with covers. The back foam is designed with contoured lumbar support for extra comfort. The chair is available in two models.BACK SIZE: 39.0cm(W) x 24.0cm.(H)SEAT SIZE: 45.5cm(W) x 41.0cm.(D)POLYURETHANE FOAM: The polyurethane foam is moulded with density = 45 +/-2 kg./m3 and hardness = 16 +/-2 on Hampden machine at 25% compression. SEAT / BACK COVERS: The upholstered seat is covered on the underside with black Polypropylene non-wovenfabric and the upholstered back is covered with a back cover injection moulded in black Copolymer Polypropylene. ADJUSTABLE BACK MECHANISM: The adjustable back mechanism is designed with the following features:3600 revolving type.Provision for backrest tube (3.5cm. x 1.5cm. x 16BG.)Back height adjustment 9.0 cm.Infinite locking of back height.PNEUMATIC HEIGHT ADJUSTMENT: The pneumatic height adjustment has an adjustment stroke of 11.0 cm +/- 3mm. PEDESTAL ASSEMBLY: The pedestal is fabricated from 0.2cm. thick HR sheet (IS: DD 1079/HR), powder coated and fitted with an injection moulded black Polypropylene hub cap and 5 nos. twin wheel castors.(castor wheel dia. 5.0cm.) The pedestal is 55.0cm +/- 5mm. pitch-center dia. (65.0 cm with castors). TWIN WHEEL CASTORS: The twin wheel castors are injection moulded in Black Nylon. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.

Sofa Set  Sofa is made up of Synthetic leatherite Upholestry with Frame of Sofa is made up of Rubber Wood having moisture content less than 10% with the tickness of plywood 12mm8.18mm.Seat foam is made up of Virgin foam having a density of 48D and Back foam will Have a density of 32D. Size of the Sofa for 3 seater 1900mm width 900mm depth 860mm height.The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.  44 Centre Table  Side table with the size 1120mm width 600mm depth 351mm height having understructure made up of SS202 garde for fixing with understructure. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.  45 Cupboard having 6 Piegon holes  As Cupboard having 6 Piegon holes  As Cupboard having 6 Piegon holes  As Kg maximum. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). Handle / Label holder • Aesthetically appealing Snap fit ABS plastic handle. • Plastic label holder • Aesthetically appealing Snap fit ABS plastic handle. • Plastic label holder of identification. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.  46 Cupboard having 8 Piegon holes  As Piegon holes  As Piegon holes  As Cupboard having 1 Plastic label holder of identification. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.  As Cupboard having 8 Piegon holes  As Cupboard having 12 Plegon holes  As Cupboard having 13 Plastic label holder of identification. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.  As Cupboard having 12 Plegon holes  As Cupboard having 13 Plastic label holder of identification. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.  As Cupboard having 14 Plastic label holder of identification. The	42	Dining Table with 6 chairs	Dinning table size of 1800mm Width 900mm Depth 740mm Height with AC finishing which create a smooth surface.Rubber wood provides sturdiness to the structure and table top of 1800 X 900 mm in Indian mahogany colour.The table top has three square designed frosted glass of 200 mm x 200 mm each which beautifully contrasts the dark table top.Dinning Chair size of 440mm width 550mm depth 985mm height where back rest made up of Lamination & Solid wood material of 22mm. Back leg material is lamination with the size of 38x28mm,Front Leg Material is Solid wood with the size of 1.5x1.538x38mm, Front ,side and back Panel are madeup of Solid wood of 22mm. Chair will have AC finish which create a smooth surface.The manufacturer should be having certifications like; BIFMA, ISO 9001:2008.
44 Centre Table  Side table with the size 1120mm width 600mm depth 351mm height having understructure made up of \$5202 garde having Dia of 12+/-0.04 as per Is:1762 and the Top is 12+/-0.3 mm thick balck tinted toughened glass UV glued with bushes made in \$5202 grade for fixing with understructure. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.  45 Cupboard having 6 Piegon holes  Manufacturing, Supplying and Placing in position 6Door Lockers Product Size: 380mm(W) x 450mm(D) x 1830mm(H). The add-on units can be stacked width wise to form bank of lockers having common side panel. Locking 10 Lever cam lock with lock lever,a Material: CRCA 0.6mm Thickness, Rigid knockdown construction. Shelf Uniformly Distributed Load Capacity per each shelf level is 35 Kg maximum. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). Handle / Label holder of identification. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.  46 Cupboard having 8 Piegon holes  Piegon holes  Manufacturing, Supplying and Placing in position 8Door Lockers Product Size: 380mm(W) x 450mm(D) x 1830mm(H). The add-on units can be stacked width wise to form bank of lockers having common side panel. Locking 10 Lever cam lock with lock lever,a Material: CRCA 0.6mm Thickness, Rigid knockdown construction. Shelf Uniformly Distributed Load Capacity per each shelf level is 35 Kg maximum. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). Handle / Label holder or identification. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.  47 Cupboard having 12 Piegon holes  Manufacturing, Supplying and Placing in position 12 Door Lockers Product Size: 380mm(W) x 450mm(D) x 1830mm(H). The add-on units can be stacked width wise to form bank of lockers having common side panel. Locking 10 Lever cam lock with lock lever,a Material: CRCA 0.6mm Thickness, Rigid knockdown construction. Shelf Uniformly Distributed Load Capacity per each shelf level is 3	43	Sofa Set	Sofa is made up of Synthetic leatherite Upholestry with Frame of Sofa is made up of Rubber Wood having moisture content less than 10% with the tickness of plywood 12mm&18mm.Seat foam is made up of Virgin foam having a density of 48D and Back foam will Have a density of 32D. Size of the Sofa for 3 seater 1900mm width 900mm depth 860mm height,Size of 1 seater sofa 840mm width 910mm depth 860mm height.The manufacturer should be having certifications
Piegon holes  380mm(W) x 450mm(D) x 1830mm(H) . The add-on units can be stacked width wise to form bank of lockers having common side panel. Locking 10 Lever cam lock with lock lever,a Material: CRCA 0.6mm Thickness, Rigid knockdown construction. Shelf Uniformly Distributed Load Capacity per each shelf level is 35 Kg maximum. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). Handle / Label holder • Aesthetically appealing Snap fit ABS plastic handle. • Plastic label holder for identification. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.  46 Cupboard having 8 Piegon holes  47 Manufacturing, Supplying and Placing in position 8Door Lockers Product Size: 380mm(W) x 450mm(D) x 1830mm(H) . The add-on units can be stacked width wise to form bank of lockers having common side panel. Locking 10 Lever cam lock with lock lever,a Material: CRCA 0.6mm Thickness, Rigid knockdown construction. Shelf Uniformly Distributed Load Capacity per each shelf level is 35 Kg maximum. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). Handle / Label holder • Aesthetically appealing Snap fit ABS plastic handle. • Plastic label holder for identification. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.  47 Cupboard having 12 Piegon holes  48 Manufacturing, Supplying and Placing in position 12 Door Lockers Product Size: 380mm(W) x 450mm(D) x 1830mm(H). The add-on units can be stacked width wise to form bank of lockers having common side panel. Locking 10 Lever cam lock with lock lever,a Material: CRCA 0.6mm Thickness, Rigid knockdown construction. Shelf Uniformly Distributed Load Capacity per each shelf level is 35 Kg maximum. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). Handle / Label holder • Aesthetically appealing Snap fit ABS plastic handle. • Plastic label holder for identification. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.	44	Centre Table	Side table with the size 1120mm width 600mm depth 351mm height having understructure made up of SS202 garde having Dia of 12+/-0.04 as per IS:1762 and the Top is 12+/-0.3 mm thick balck tinted toughened glass UV glued with bushes made in SS 202 grade for fixing with understructure. The manufacturer
A6 Cupboard having 8 Piegon holes  Manufacturing, Supplying and Placing in position 8Door Lockers Product Size: 380mm(W) x 450mm(D) x 1830mm(H). The add-on units can be stacked width wise to form bank of lockers having common side panel. Locking 10 Lever cam lock with lock lever,a Material: CRCA 0.6mm Thickness, Rigid knockdown construction. Shelf Uniformly Distributed Load Capacity per each shelf level is 35 Kg maximum. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). Handle / Label holder • Aesthetically appealing Snap fit ABS plastic handle.• Plastic label holder for identification. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.  47 Cupboard having 12 Piegon holes  Manufacturing, Supplying and Placing in position 12 Door Lockers Product Size: 380mm(W) x 450mm(D) x 1830mm(H). The add-on units can be stacked width wise to form bank of lockers having common side panel. Locking 10 Lever cam lock with lock lever,a Material: CRCA 0.6mm Thickness, Rigid knockdown construction. Shelf Uniformly Distributed Load Capacity per each shelf level is 35 Kg maximum. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). Handle / Label holder • Aesthetically appealing Snap fit ABS plastic handle.• Plastic label holder for identification. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.	45	_	380mm(W) x 450mm(D) x 1830mm(H). The add-on units can be stacked width wise to form bank of lockers having common side panel. Locking 10 Lever cam lock with lock lever,a Material: CRCA 0.6mm Thickness, Rigid knockdown construction. Shelf Uniformly Distributed Load Capacity per each shelf level is 35 Kg maximum. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). Handle / Label holder • Aesthetically appealing Snap fit ABS plastic handle. • Plastic label holder for identification. The manufacturer should
Piegon holes  380mm(W) x 450mm(D) x 1830mm(H) . The add-on units can be stacked width wise to form bank of lockers having common side panel. Locking 10 Lever cam lock with lock lever,a Material: CRCA 0.6mm Thickness, Rigid knockdown construction. Shelf Uniformly Distributed Load Capacity per each shelf level is 35 Kg maximum. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). Handle / Label holder • Aesthetically appealing Snap fit ABS plastic handle. • Plastic label holder for identification. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.	46		Manufacturing, Supplying and Placing in position <b>8</b> Door Lockers Product Size: 380mm(W) x 450mm(D) x 1830mm(H). The add-on units can be stacked width wise to form bank of lockers having common side panel. Locking 10 Lever cam lock with lock lever,a Material: CRCA 0.6mm Thickness, Rigid knockdown construction. Shelf Uniformly Distributed Load Capacity per each shelf level is 35 Kg maximum. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). Handle / Label holder • Aesthetically appealing Snap fit ABS plastic handle. • Plastic label holder for identification. The manufacturer should
	47		380mm(W) x 450mm(D) x 1830mm(H) . The add-on units can be stacked width wise to form bank of lockers having common side panel. Locking 10 Lever cam lock with lock lever,a Material: CRCA 0.6mm Thickness, Rigid knockdown construction. Shelf Uniformly Distributed Load Capacity per each shelf level is 35 Kg maximum. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). Handle / Label holder • Aesthetically appealing Snap fit ABS plastic handle. • Plastic label holder for identification. The manufacturer should
i i i	48	Steel Shoe rack	

49	Steel Almirah	Product Size: Plain (4S) - 916 mm (W) x 486 mm (D) x 1981 mm (H). Construction & Material § Welded construction. § 0.8 mm thk CRCA for Back, Shelf & 0.9 mm thk CRCA for all other components. Configuration (Door) § Full height Steel Hinged Door. Locking & handle: Mazak Handle. § 3 way locking mechanism with shooting bolt arrangement. Shelving: Height wise Adjustable Shelf Mounting: Uniformly Distributed Load Capacity per each full shelf is 80 Kg maximum: Plain 4S: 4 Nos. of Adjustable Full Shelves. Leveler § M10 Screw type leveler with hex plastic base  8. Finish § Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.
50	Crash Cart	Overall Dimensions-1048 mm(L)x475 mm(W)x1555mm(H).used to keep medicines.Top shelf is SS 304 sheet of 1mm thickness.,middle shelf is SS 304 sheet of 1mm thickness of 25.4 mm,sq 10,1.2 mm thickness and dia 12.7 mm.The oxygen cylinder base is SS tube of dia 12.7 mm of 1.2 mm thickness and IV pole is SS 304 Rod of dia 12.The castors are anti static plastic injection moulded castors. The handles are SS 304 pipe of dia 25.4 mm of 1.2 mm thickness Bins and drawer ser are PPCP and cardiac board are compact laminate of 6 mm thickness. The color is RAL white, plastic [parts in Pantone cool grey. The finish is SS(buiffed) Glassy mirror finish. Maximum safe woking load is 30 kg. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008, ISO 13485:2012 and CE certification.
51	Over Bed Table	(L)875 mm X ( W)555 mm X (H) Adjustable from 850mm to 1100mm OBT is a height adjustable Over Bed Table. Table top Height can be adjusted with the help of operating lever which activates the gas spring to assist the table top to lift. Base frame is made of ERW Round Tubes and Oval Tubes Top: MDF top with membrane press /PU top, gives anti scratch Property with good surface finish. Also Glass Holder profiling is provided on to it. Castors: High endurance anti-static, Plastic injection molded castors are provided of Ø50mmPowder coating is Bacteriostatic and thermosetting epoxy polyester, formulated to fulfill the requirements for bacterial protection. All powder coated parts in RAL white. Plastic parts in GreyMax Safe Working Load: 20 kg UDL. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008, ISO 13485:2012 and CE certification.
52	Solid Linen Trolly	Over all approx dimension 36"H X 20" dia. SS tabular framework fitted with 5"dia. Castro wheels with synthetic body without brake supplied with canvas bag
53	Curtain & Channels for Beds	Fabricated of rigid high grade aluminium profile. The track should be powder coated - hence in rust free in extreme hospital environment Each length of smooth track should be fitted with the curtain removal points All accessories should be CR fabricated with powder coated finish. Cubical curtains should be stain proof curtain with choice of colours with rust roof ss grommets on centers. 4' width & 7' height with 18"top netted curtains which are washable
54	Scrub Station	All SS manual operation sink made of ss304 ,20,& 18 guage construction provided with mirror/hairline finish drainpipe& wall mounting accessories

55	Emergency and recovery Trolley	Stainless steel finished manual height adjustable trolley used in patient mobility for trauma patient during emergency in hospitals, Overall size 1900 (L) X 750 (W) X520-750 (H) mm. Base frame, Top frame Mattress support platform and linkage mechanism are made of SS grade 304. Mechanism structure round tube thickness is Min 3 mm and square/rectangular tube thickness is min 2mm, Plate used for load bearing members at mechanism has min thickness 4mm. Plastic fittings are in Nylon. Back rest can be adjusted with the help of cranck handle from 0 to 80 degree. Knee rest can be adjusted with the help of crank handle 0 to 40 degree. Height can be adjusted with the help of crank handle 520-750mm. Retractable Crank handle with foldable lever provides the benefit to user during operation and can be slide in when not in use. Anti crash bumper is arubber extruded profile provied around the top frame periphery which provides the safety to stretcher trolley and wall as well from all the directions. Side rail are mdeup of aluminium with anodizing finish. 150 mm wheel dia castors provided with locking 3 castors and directon lock is provided in 1 castor. and load carrying caacity per wheel is 120kg. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008, ISO 13485:2012 and CE certification
56	Multilevel Patient trolley	Stainless steel finished manual height adjustable trolley used in patient mobility for trauma patient during emergency in hospitals, Overall size 1900 (L) X 750 (W) X520-750 (H) mm. Base frame, Top frame Mattress support platform and linkage mechanism are made of SS grade 304. Mechanism structure round tube thickness is Min 3 mm and square/rectangular tube thickness is min 2mm, Plate used for load bearing members at mechanism has min thickness 4mm. Plastic fittings are in Nylon. Back rest can be adjusted with the help of crank handle from 0 to 80 degree. Knee rest can be adjusted with the help of crank handle 0 to 40 degree. Height can be adjusted with the help of crank handle 520-750mm. Retractable Crank handle with foldable lever provides the benefit to user during operation and can be slide in when not in use. Anti crash bumper is arubber extruded profile provied around the top frame periphery which provides the safety to stretcher trolley and wall as well from all the directions. Side rail are mdeup of aluminium with anodizing finish. 150 mm wheel dia castors provided with locking 3 castors and directon lock is provided in 1 castor. and load carrying caacity per wheel is 120kg. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008, ISO 13485:2012 and CE certification
57	Patient Shifter	Light weight folding system approx size 78"X 20"W for easy movement of patient from one table to another
58	Drawer Pedestral	Specification Attached
59	Transport Stretcher	Specification Attached

# Øekad 3- ikd'kkyk Fkkyh] Vkyh , oa Quhipj (Kitchen Items)

### Name of items & required specification for kitchen items

Hot food trolley (for serving bed to bed food packets)
 Specification:-

Top-16swg,ss,inner tank 20swg, SS outer pinling 20seg and front door and under shelf 18swg.SS tray slid angle 16 swg, SS 38 mmx 38 mm SS handle two side 25 mmdia , ss tube and 4 side corner rubber. Safe guard and easy door locking system. Air heating element automatic heating control system and thermostate with on /off rocker switch electric load 1.5 kw, 1ph/230v/50HZ. Frame work ss angle 40 x40x 4mm. 60 mm thick with glass wood insulation . 6" diameter 4 nos pu wheel two brake and two without break and tray capacity of the trolley to carry 48 trays of 300x405 mm at a time .

2. Stainless steel thali with cover (lid) and dixed with 3 small bowls and one small thali size of main thali : 11'' x16" x 3" deep with cover . Deep rectangle shape .

With 1 bowl 4" dia & 2 bowl 3" dia

- + 2 fixed bowl of 3" dia These items must be fixed or pasted with main thali
- + 1 small thali of 11" x 7" x 1"

All the quoted items must have replacement guarantee/ warranty for a minimum period of five years. The bidder have to quote their rate accordingly with guarantee. No conditioned bids will be accepted. During warranty/guarantee period the bidder/ supplier has repair and / or replace the spares or the whole system within 7 days of information without any extra cost. Failing which penalty may be imposed on the bidders as decided by RIMS, authority.

# Øekad 4- MsVy bULVhP; W ds Quhipj (Dental Institute Furniture)

### **Specification:**

1	HOD DESK	Manufacturing, Supplying and Placing in position Executive Table having main Table of size 1800 mm W, 900 mm D, 750 mm H with the top thickness of 65 mm. made up of MDF + Veneer + PU coating. Modesty panel of size 1640 X 600 X 16mm made up of MDF + Veneer + PU coating to support the Main desk & provide stiffness to the table. Mobile pedestal madeup of MDF + Veneer + PU Coating with the size of 510 W X 635 H X 445D. Table will have ERU with the top thickness of 25mm made up of MDF + Veneer + Pu Coating size of the ERU table will be 1200 W X 445 D X 660 H. Back unit size of 2215 W X 410 D X 2000 H made up of MDF + Veneer + PU coating and door will be Glass facia with thickness of 5mm. The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008
2	Principal Desk	Manufacturing, Supplying and Placing in position Executive Table having main Table of size 2200 mm W, 1190 mm D, 750 mm H with 2 layers of 18 mm thick MFC with 3 mm PVC edging. Side panels legs are MFC covered with 45 mm MDF profile at vertical edges. Connected to the top panel by minifix & wooden dowels. Adjustable Stud.Modesty is 18 mm thick MFC with curved shape connected to Top & Side panels with minifix fitting & Wooden Dowels. Pedestal has 4 Drawers with central lock. Side return unit of size 1380mm W, 480mm D, 700mm H with 18 mm thick MFC with 3 mm PVC edging. Pedestal has 4 Drawers with central lock. Back unit of size 2406mm W, 400mm D, 1215mm H with Top panel of 25 mm thick MFC with 2 mm PVC edging. The medium cabinet has Carcass 18 mm thick MFC with PVC edging & Back panel 8 mm thick. 55 mm diameter x 25 mm H adjustable plastic glide. Door with locks. Black metallic handles 96 mm distance. Glass doors comprising of 5 mm thick polished edges glass. Fixing using overlay glass hinges & a black metallic knob.Wooden doors 18 mm thick MFC with 2 mm PVC edging. Black metallic handles 128 mm with square lock provided. The manufacturer should be having certifications like; BIFMA, ISO 9001:2008
3	Professor Desk	Main Desk: Dimension: 1200w X 600d X 750h mm. The table top is in white cedar, side panels are in black, while the modesty panel is a combination of black & white cedar. Work Surface: Made from 18mm thick PLB with PVC lipping. Side Panels: Made form 18mm thick PLT with PVC lipping. Modesty Panel: Made form 18mm thick PLT with PVC lipping. Bigger upper panel in Black and smaller lower panel in white Cedar. SIde Table: Dimension: 900 X 450 X 750mm. Work Surface: Made from 18mm thick PLB with PVC lipping. Side Panels: Made form 18mm thick PLT with PVC lipping. Modesty Panel: Made form 18mm thick PLT with PVC lipping. Bigger upper panel in Black and smaller lower panel in white Cedar. Mobile Pedestal: DImension: 390 X 435 X 529mm. One Box and one Filing drawer with 18mm thick PLB fronts and top. Handles: Black Powder coated Die cast Aluminum alloy handles. The manufacturer should be having certifications like; BIFMA, ISO 9001:2008, ISO 14001:2004, ISO 18001:2007, ISO 500001: 2011

4	Associate Professor Desk	Dimension: 1500 X 750 X 740. TOP: 25 MM THICK PLAIN PARTICLE BOARD (PPB) CLAD WITH 0.6MM THICK POST FORMED LAMINATE AND 1MM THICK BACKING LAMINATE (BDL). FLAT EDGE DULY SEALED WITH 2MM THICK PVC BEADING. MODESTY PANEL: 18MM THICK PLAIN PARTICLE BOARD (PPB) CLAD WITH 1.0MM THICK DECORATIVE LAMINATE (DL) ON BOTH SIDES. EDGE SEALED WITH 2MM THICK PVC BEADING. Back Unit: Dimension: 1280 X 425 X 705. TOP & SIDE PANEL: 25 MM THICK PLAIN PARTICLE BOARD (PPB) CLAD WITH 0.6MM THICK POST FORMED LAMINATE AND 1MM THICK BACKING LAMINATE (BDL). FLAT EDGE DULY SEALED WITH 2MM THICK PVC BEADING. DOORS, PARTITIONS & SHELVES: 18MM THICK PLAIN PARTICLE BOARD (PPB) CLAD WITH 1.0MM THICK DECORATIVE LAMINATE (DL) ON BOTH SIDES. EDGE SEALED WITH 2MM THICK PVC BEADING.The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008
5	Assistant Professor Desk	Dimension: 1500mm W X 750mm D X 750mm H. 18mm thk. Worksurface: Pre Laminated Particle Board (PLB) All work surface edges are duly sealed with 2mm thick PVC Edgebanding. Modesty Panel: 18mm thk. Pre laminated Particle Board (PLB) All work surface edges are duly sealed with 2mm thick PVC Edgebanding. Legs: Fabricated component in 38mmx25mmx1.2mm thick MS ERW Tube (IS:7138), Finish: Powder coat (Epoxy polyester). With Cental Locking Pedestal. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008
6	Common Room Structure for Lecturer	Top thickness 37.6 (18mm + 18mm + 0.6 mm DL + 0.4mm Membrane) Edge profile Waterfall Edge 10mm radius on top edge and 5mm at bottom. Legs: Made from 36mm PPB (18+18) having a straight profile with half round edges and clad with 0.6mm thick Post Forming laminate. Overall thickness of leg is 37.2mm. Modesty Panel: Made from PLT (Prelaminated Twin) boards of 18mm thick. Wire Management.The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.
7	Staff Table	Dimension: 1365 W X 680 D X 735 H table made up of Pre -laminated Boards with the top thickness of 18+/- 0.5 mm and with 2mm thick PVC edge banding on all side. The understructure of the table is made up of tabular frame with the Dia of 25.4+/- 0.3mm X 1.2+/- 0.096mm thick MS ERW tube.and modesty panel are made up of 1.0+/- 0.09mm CRCA MS with the powder coated of 50 microns (+/- 10), Storage consist of shell made up of 0.5+/-0.07mm thick CRCA MS and Drawer Tray and Drawer Front are also made up of CRCA MS with the thickness of 0.5+/-0.07 and 0.8+/-0.1mm consecutively. Lock for the drawer unit will be 10 lever cam lock and the handles are built in plastic.The manufacturer should be having certifications like; BIFMA/ISO 9001:2008
8	HOD CHAIR	The seat is made up of 1.2 cm. thick hot pressed plywood upholstered with fabric and moulded Polyurethane Foam. The back is made up 1.2 cm. thick hot pressed plywood upholster with replaceable fabric upholstery covers and moulded polyurethane foam. BACK SIZE: 48cm. (W) X 74.0cm. (H)  SEAT SIZE: 50.0cm. (W) X 49.5cm. (H). The polyurethane foam for seat and back is moulded with density = 45 +/-2 kg/m3 and Hardness = 20 +/- 2. The armrest top is made of moulded polyurethane (P.U) and mounted on to a drop lift height adjustable type M.S. tubular armrest support chrome plated. The armrest height is adjustable up to 6.5cm in 5 steps & also has swivel adjustment of 22º on both sides. The mechanism is designed with the following features: § 360degree revolving type.  § Single point control.  § Front pivot for tilt with feet resting on ground ensuring more comfort.  § Tilt tension adjustment.  § 4-position locking with anti-shock feature  § Seat back tilting ratio of 1:2 (110 Seat Tilt /220 back tilt)  § Seat depth adjustment of 6cm can be locked in 6 positions.  The backrest consists of a sliding up down mechanism, which can be adjusted in the range of 4.5 cm and can be locked in 4 positions for correct position of lumber support. The pneumatic height adjustment has an adjustment of 10.0 cm. The pedestal is fabricated from CR steel, chrome plated and assembled with injection moulded black polypropylene hub cap and 5 nos. twin wheel castors (castor wheel dia. 5.0 cm). The pedestal is 65.0cm. Pitch -center dia. (75.0 cm with castors). The twin wheel castors are injection moulded in black Nylon. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.

9	HOD room	The seat is made up of 1.2 cm. thick hot pressed plywood upholstered with fabric and moulded
	visitor chair	Polyurethane Foam. The back is made up 1.2 cm. thick hot pressed plywood upholster with replaceable fabric upholstery covers and moulded polyurethane foam.  BACK SIZE: 48.0cm.(W) X 64.5cm.(H) SEAT SIZE: 51.0cm. (W) X 48cm. (H)  The polyurethane foam for seat and back is moulded with density = 45 +/-2 kg/m3 and Hardness = 20 +/- 2. The armrest top is made of moulded polyurethane (P.U) and mounted on to a drop lift height adjustable type M.S. tubular armrest support chrome plated. The armrest height is adjustable up to 6.5cm in 5 steps & also has swivel adjustment of 22º on both sides. The armrest top is made of moulded polyurethane (P.U) and mounted on to a fixed type M.S. tubular armrest support chrome plated. The arm support has static vertical adjustment of ±1.5cm. The backrest consists of a fixed type mechanism i.e no back up/down adjustment. Leg frame welded assembly made from 35 X 15 X 16BG (1.6THK) Elliptical M.S ERW tube with base plate chrome plated for seat fixing. The manufacturer should be having certifications like; BIFMA, ISO 9001:2008, ISO 14001:2004, ISO 18001:2007, ISO 500001: 2011.
10	Principal Chair	SEAT/BACK ASSEMBLY: The seat is made up of 1.2 cm. thick hot pressed plywood upholstered with leather and moulded Polyurethane Foam. BACK SIZE: 53.0cm.(W) X 79.0cm.(H) SEAT SIZE: 49.0cm.(W) X 48.0cm.(D) POLYURETHANE FOAM: The polyurethane foam is moulded with density = 45 +/-2 kg/m3 and Hardness = 20+/-2 on Hampden machine at 25% compression. 3. SEAT-BACK CONNECTING SPINE:The seat and back are arrested together with a 9.0cm. (w) spine made of 0.8cm thk. HR steel. The spine is black powder-coated. ARMREST ASSY:The armrest assy. comprises of three parts viz. the armrest support tube and P.U. armrest and the armrest top. The armrest tube assy. is made of 2.54cm(1") x 16 BG. M.S. E.R.W. support tubes and Chrome plated. The P.U. armrest is made of black integral skin polyurethane with 50-70 shore 'A' Hardness and reinforced with M.S. insert. The armrest top is made of ABC & upholstered with foam & leather. FRONT PIVOT SYNCHRO TILT MECH.: The mechanism is designed with the following features: 360° revolving type. 12° Seat tilt 19° Black tilt. Front pivot for tilt with feet resting on ground ensuring more comfort. Tilt tension adjustment. 5-position locking with anti-shock back mechanism, which prevents the backrest from impacting the user when the lock is realeased. Static seat depth adjustment = 5.0cm with 5 position locking.BLOW MOULDED BELLOW: The bellow is 1 piece and blow moulded inblack Polypropylene. PEDESTAL ASSY: The pedestal is made of diecast aluminium with buffing finished. It is fitted with 5nos. twin wheel castor. The pedestal is 67.0 cm pitch-center dia. (77.0 cm with castors). TWIN WHEEL CASTORS: The twin wheel castors are injection moulded in black Nylon.The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.
11	Principal Visitor Chair	SEATIBACK ASSEMBLY: The seat is made up of 1.2 + 0.1 cm. thick hot pressed plywood measurednas per QA method described in OCP-QLTA-P14-18 and upholstered with leather and moulded Polyurethane Foam. The back foam is designed with contoured lumber support for extra comfort. The chair is available in three models:  *PCH-92121V (MID BACK) SIZE: 53.0cm.(W) X 73.0cm.(H)  *SEAT SIZE: 54.6cm.(W) X 49.0cm.(D)  2. HIGH RESILIENCE (HR) POLYURETHANE FOAM: The HR polyurethane foam is moulded with density = 45 +2 kg/m3 and Hardness load 16 + 2 kgf as per IS:7888 for 25% compression.  3. FIXED TYPE MECHANISM: The fixed type mechanism is made with a 0.8 k0.05 cm thk HR Steelspine-welded to it and black powder~coated(D- FT 40-60 microns-).  4. UNDERSTRUCTURE:The Understructure is made up of M.S.E.R.W. Elliptical tube of size 4.5  & 0.03cm x 1.9 + 0.02cm x 0.25 + 0.025cm welded to M.S.E.R.W Tube of 0 1.6 + 0.02cm x 0.2 + 0.016cm thk.The understructure is powder coated ( DFT 40-60 microns ) in Silver metallic gray.The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008.
12	Professor Room Chair	The seat is made up of 1.2 cm. thick hot pressed plywood upholstered with fabric and moulded Polyurethane Foam. The back is made up 1.2 cm. thick hot pressed plywood upholster with replaceable fabric upholstery covers and moulded polyurethane foam. BACK SIZE: 48cm. (W) X 74.0cm. (H) SEAT SIZE: 50.0cm. (W) X 49.5cm. (H) The polyurethane foam for seat and back is moulded with density = 45 +/-2 kg/m3 and Hardness = 20 +/- 2. The armrest top is made of moulded polyurethane (P.U) and mounted on to a drop lift height adjustable type M.S. tubular armrest support chrome plated. The armrest height is adjustable up to 6.5cm in 5 steps & also has swivel adjustment of 22º on both sides. The mechanism is designed with the following features: § 360degree revolving type. § Single point control. § Front pivot for tilt with feet resting on ground ensuring more comfort. § Tilt tension adjustment. § 4-position locking with anti-shock feature

		§ Seat back tilting ratio of 1:2 (110 Seat Tilt /220 back tilt) § Seat depth adjustment of 6cm can be locked in 6 positions. The backrest consists of a sliding up down mechanism, which can be adjusted in the range of 4.5 cm and can be locked in 4 positions for correct position of lumber support. The pneumatic height adjustment has an adjustment of 10.0 cm. The pedestal is fabricated from CR steel, chrome plated and assembled with injection moulded black polypropylene hub cap and 5 nos. twin wheel castors (castor wheel dia. 5.0 cm). The pedestal is 65.0cm. Pitch -center dia. (75.0 cm with castors). The twin wheel castors are injection moulded in black Nylon. The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008.
13	Professor room visitor chair	The seat is made up of 1.2 cm. thick hot pressed plywood upholstered with fabric and moulded Polyurethane Foam. The back is made up 1.2 cm. thick hot pressed plywood upholster with replaceable fabric upholstery covers and moulded polyurethane foam.  BACK SIZE: 48.0cm.(W) X 64.5cm.(H) SEAT SIZE: 51.0cm. (W) X 48cm. (H)  The polyurethane foam for seat and back is moulded with density = 45 +/-2 kg/m3 and Hardness = 20 +/- 2. The armrest top is made of moulded polyurethane (P.U) and mounted on to a drop lift height adjustable type M.S. tubular armrest support chrome plated. The armrest height is adjustable up to 6.5cm in 5 steps & also has swivel adjustment of 22º on both sides. The armrest top is made of moulded polyurethane (P.U) and mounted on to a fixed type M.S. tubular armrest support chrome plated. The arm support has static vertical adjustment of ±1.5cm. The backrest consists of a fixed type mechanism i.e no back up/down adjustment. Leg frame welded assembly made from 35 X 15 X 16BG (1.6THK) Elliptical M.S ERW tube with base plate chrome plated for seat fixing. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.
14	Associate Professor room chair	The seat and back are made up of 1.2 cm. thick hot-pressed plywood, upholstered with fabric upholstery covers and moulded Polyurethane foam. The seat has extra thick foam on front edge to give comfort to popliteal area. BACK SIZE: 47.5 cm (W) x 69.5 cm (H), SEAT SIZE: 47.0 cm. (W) x 48.0 cm. (D)  The Polyurethane foam is moulded with density = 45 +/-2 kg/m3 and Hardness = 20 +/- 2 at 25% compression. The one-piece armrests are injection moulded from black Co-polymer Polypropylene. The mechanism is designed with the following features:  • 360 degree revolving type.  • Upright position locking.  • Tilt tension adjustment.  • Seat/back tilting ratio of 1:3 (60 seat tilt/180 back tilt)  The pneumatic height adjustment has an adjustment stroke of 12.0 cm. The bellow is 3 piece telescopic type and injection moulded in black Polypropylene. The pedestal is injection moulded in black 30% glass-filled Nylon and fitted with 5 nos. twin wheel castors. The pedestal is 66.0cm pitch-center dia. (76.0 cm with castors. The twin wheel castors are injection moulded in 30% Glass Filled black Nylon. The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008
15	Associate Professor visitor chair	The seat and back are made up of 1.2 cm. thick hot-pressed plywood, upholstered with fabric upholstery covers and moulded Polyurethane foam. The seat has extra thick foam on front edge to give comfort to popliteal area.  BACK SIZE: 47.5 cm (W) x 58 cm (H)  SEAT SIZE: 47.0 cm. (W) x 48.0 cm. (D)  The Polyurethane foam is moulded with density = 45 +/-2 kg/m3 and Hardness = 20 +/- 2 at 25% compression. The one-piece armrests are injection moulded from black Co-polymer Polypropylene. The powder coated tubular frame is cantilever type & made of dia 25.4mm x 2mm thk M.S. ER.W. Tube. The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008
16	Staff Chair	Manufacturing, Supplying and Placing in position chair seat and back are made up from seasoned wood and plywood and the same is upholstered with synthetic leather and polyurethane foam. Back Size of the chair will be 46 cm (W) X 27 cm (H) and Seat size 46 cm (W) X 40 cm (H). The armrest tube is made up of MSERW tube having powder coated of 40-60 micron. The dia of the tube will be 2.54+/-0.03cm X 0.2+/-0.016cm thick. The armrest is gas assisted injection moulded from black polypropylene. The under structure assembly will be a contilever type frame made up from MSERW tube powder coated with 40-60 microns, The dia of the tube will be 2.54+/-0.03cm X 0.2+/-0.016cm thick. The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008

17	Staff visitor chair	Manufacturing, Supplying and Placing in position Chair seat and back are made from chemically treated and seasoned wood, caned and finished with synthetic paint (Colour: Black with matt finish). Cane is made from mix of LDPE + HDPE Mix Material. The caning used for seat/back has 2 high tensile strength as per IS: 5378 Part II, 1990. Cane breaking strength = 3000 Kg/cm (min.). Percentage Elongation at break =25%. The armrest tube is made of M.S. E.R.W. tube dia. 2.54cm. (1") x 16BG thick and powder coated. The armrest is gas-assisted injection moulded from black Polypropylene. The understructure assembly is a cantilever type frame made of dia. 2.54cm. (1") x 14BG. thick M.S. E.R.W. tube and powder coated. The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008.
18	Class room Chair	Manufacturing, Supplying and Placing in position Chair with writing pad. The seat and back are made from chemically treated and seasoned wood, upholstered with black leather-cloth (PVC coated cloth) and 2.5cm. thick U-foam. The wooden desklet is made of 1.8cm. thick pre-laminated chipboard with 2mm. thick P.V.C lipping all around. The one-piece armrests are made of black integral skin polyurethane foam with 50-70 Shore hardness and reinforced with M.S. insert. The armrests are scratch and weather resistant. The assembly is a frame made of dia. 2.54cm. (1") x 14 BG M.S. E.R.W. tube. and a welded leg tube forming the armrest tube made of dia. 2.54cm. (1") x 18 BG thick M.S. E.R.W. Tube to the form the complete assembly, which is powder coated. The desklet is fitted on the right hand side armrest-cum leg tube. The paper tray is made of 0.4cm. dia. M.S. wire spot welded to form a mesh. It is black powder coated. The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008.
19	Class room Desk Cum Bench	The Desk panel Seat & Back panel are made up of 18mm thick pre laminated Boards with PVC edge banding on all sides. Made of 25.4 x 25.4 mm x1.2 mm thk powder coated ERW tubes at base which are welded to the desk and seat supports that are made of 1.0 mm thk powder coated MS 'C' sections. Stiffeners that are provided between the 2 vertical frames at base and back of seat are made from 25.4 x25.4 x1.2 mm thk powder coated ERW tubes. The tubes are closed with plastic caps. Additional horizontal supports of 1.5 mm thk powder coated MS 'C' sections are placed below the desk and seat to add to the rigidity of the structure. The storage shelves are made from 0.6 mm thk powder coated MS sheet which is affixed below the desk top. Hooks are provided on either sides of the vertical frame of the desk, for hanging bags/bottles. They are made from 6.0 mm dia MS rods. The understructure is assembled using M5 taptite screws.  Level adjustors are provided to take care of unevenness in floor. The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008
20	Almirah with 4 shlef	Product Size: Plain (4S) - 916 mm (W) x 486 mm (D) x 1981 mm (H). Construction & Material § Welded construction. § 0.8 mm thk CRCA for Back, Shelf & 0.9 mm thk CRCA for all other components. Configuration (Door) § Full height Steel Hinged Door. Locking & handle: · Mazak Handle. § 3 way locking mechanism with shooting bolt arrangement. Shelving: · Height wise Adjustable Shelf Mounting· Uniformly Distributed Load Capacity per each full shelf is 80 Kg maximum· Plain 4S: 4 Nos. of Adjustable Full Shelves. Leveler § M10 Screw type leveler with hex plastic base  8. Finish § Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). The manufacturer should be having certifications like; BIFMA/ ISO 9001:2008.
21	6 door personal locker unit	Manufacturing, Supplying and Placing in position 6Door Lockers Product Size: 380mm(W) x 450mm(D) x 1830mm(H). The add-on units can be stacked width wise to form bank of lockers having common side panel. Locking 10 Lever cam lock with lock lever,a Material: CRCA 0.6mm Thickness, Rigid knockdown construction. Shelf Uniformly Distributed Load Capacity per each shelf level is 35 Kg maximum. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). Handle / Label holder • Aesthetically appealing Snap fit ABS plastic handle. • Plastic label holder for identification. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.

22	4 door book case	Dimension: 914 mm (W) x 320 mm (D) x 1742 mm (H). Rigid Knock down construction. Prime Quality CRCA Steel - Panels & Frame from 0.8 mm thick. Door Features/ Locking: Each Door has 10 Lever Cam lock with common key · Each Door has 3 mm Thk transparent glass for clear inside vision secured in a Metal Frame through rubber gasket. Each door has a Scissor mechanism for receding inside the top of respective compartment & ensures parallel & smooth movement. Each door has Plastic side end caps as Handle which is easy to grip. Storage Shelving: Each compartment has storage shelf. Uniformly Distributed Load Capacity per each shelf is 80 Kg maximum. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.
23	Book Rack for Library single sided	Product Size: Width: 925mm Main Unit/900mm Add On Unit , Height: 1890mm(Incl. 85mm Skirting) Depth: 300mm. Construction: Rigid knockdown construction. Back panel up to the bottom of third rack for additional rigidity. Material: Racks, Back Panel & Skirting: CRCA 0.8mm Thickness Side panels:25mm thk Prelaminated particle board (PLB) with laminate on both sides. Metal panels: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). The add-on units can be stacked width wise to form a bank of racks having common side panel.Bottom plus four fixed racks. (Total 5 loading levels). Each rack is provided with stiffener at bottom for strength. · Uniformly Distributed Load Capacity per each full shelf is 80 Kg maximum. The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.
24	4 Drawer Vertical Filling Cabinet	Dimension: 4 Drawer Width: 470mm Height: 1320mm Depth: 620mm. Material: CRCA 0.7 mm Thick (Top, Side & Drawer Front); 0.6 mm Thick (Frames, Drawer-Inside Cover, Side Back Side) 0.5mm Thick (Back, Bottom, Drawer Bottom). Drawer Front: Easy to grip Full length Handle recess integrated into Metal Drawer fronts. Label Holder: Snap on type plastic label holder on Drawer Fronts. Drawer Style & File Size: For hanging 'Ezee' / 'Visa' files (Foolscap) from front to back (Files Along theWidth) · No. of 20 mm thk file which can be hanged in above way per drawer is 28. Locking & Anti Tipping Mechaism: Centralized locking with 10 lever Cam Lock & having anti-tipping arrangement to ensure that when one drawer is opened for use, it does not allow other drawers to be opened. Slide: High quality precision ball slide. Drawer Load: 40 kg. UDL for 75,000 cycles (BS). Triangular Plate: Plain Triangular plate pop riveted at the bottom corners for rigidity. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). The manufacturer should be having certifications like; BIFMA/ISO 9001:2008.
25	3 seater public seating chair	The seat shell is a welded assembly of seat , back and side frame. The seat and back are made of CR steel sheet having 0.12cm+/-0.013cm thick with oblong perforations. They are welded to side frame of size 3.2+/-0.05cm X 0.5+/-0.05cm thick HR steel. The welded assembly is powder coated with 40-60 micron. The seat has a front water fall edge to provide politeal clearence for comfortable seating. It also has a buttock support curve that not only provides rear support but also prevents small children from falling the gap between seat and back. Clean and flat surface of seat and back aids in easy maintenance. Seat size will be 47.8cm (W) x 44.6cm (D) and Back size will be 41.6cm(W) X 23.0cm(H). The understructure assembly consist of connecting beam and leg assembly made of M.S.E.R.W oblong tube of size 7.5+/-0.03cm X 2.5+/-0.03cm X 0.2+/-0.016cm thick. The welded structure assembly is powder coated with 40-60 microns. The leg assembly is fitted with shoes and levellers in Nylon. The leg structure is designed with minimal area of contact close to ground providing easy access for cleaning purpose. The shoes fitted to leg assembly help in aligning the structure for back to back arrangments. Levellers take care of uneven flooring. Connecting beam is fitted with the snap locking end cap. It also aids in side by side understructure alignment. The armrest assembly consist of armrest frame and armrest pad. The armrest frame is made up of size 3.175+/-0.05cm X 0.47+/-0.027cm thick HR steel and it is powder coated with 40-60 micron. Armrest pad is injection moulded in Nylon and is fitted on to the armrest. Side table assembly is a welded structure assembly made of 0.12+/-0.013cm thick CR steel sheet with oblong perforations which is welded to side strip of size 3.2+/-0.05cm X 0.5+/-0.05cm thick HR steel. The welded assembly is powder coated with 40-60 micron and fitted to understructure assembly. The size of the side table will be 20 cm(W) X 37.2 cm(D). The manufacturer should be having certifications like; BIFMA/ISO 9001:20

# Øekad 05 1/4 h01 h0 dlejk , oa fjokkMMax fl LVe½ ds fy, fufonk dh 'kril %&

- 1. The terms and conditions mentioned in tender notice no 333 dated 21-01-2016
- 2. The tender should be submitted in duplicate complete with specification, literature, leaflet along with catalogues etc. leaving no room for back references.
- 3. Bids are to be submitted in complete technical aspects including original EMD, Affidavit etc., except price bid.
- 4. Technical Specification should be in the proforma / format given below:

### A. Price Bid Proforma:

SI. No.	Name of Items with their Make Model & complete specification	Unit Price in Indian Rs.	Tenderer's detail technical specification of Items	Price FOR destination with installation charges, training to staff on tun key basis with all taxes (INR)
1	C.C. Camer (Dome) As per Specification			
2.	C.C. Camer (Bullet) As per Specification			
3.	DVR (8 Channel) As per Specification			
4.	DVR (16 Channel) As per Specification			
5.	DVR (32 Channel) As per Specification			
6.	LAN Wiring (Per Meter)			
7.	LED TV (32") each			
8.	LED TV (42") each			
9.	Wall Mountable Rack 9U each			
10.	Survillance Hard Disc (2 TB & 4 TB)			
11.	Power supply through UPS & others			
	allied accessories for uninterrupted			
	functioning during power cut shall be			
	responsibility of the bidders. Hence the			
	bidders have to quote their rates			
	accourdingly. The bidders have to			
	provide UPS of not less than 05 KVA or			
	10 KVA (As suitable according to the			
Note:	need of dept.)			

Note:

- 1. All the electrical & fiting items for complete functioning of the complete system will have to be supplied & installed by the tenderer on turn-key basis.
- 1. Before quoting the tender & before participating in the meeting the tenderers must have to visit the sites & they have to discuss with authority for location & confirmation of site.

Full signature of the
tenderer with seal
Designation:
Dated :

	)	
•	) with all accessories, spares, manpower & turnk	
Price of Compreher	nsive maintenance contract with all spares after	er expiry of guarantee pe
Three years :-		
Year	C.M.C. Rate in Indian Rs. (per year)	
1 <sup>st</sup> Year		
2 <sup>nd</sup> Year		
3 <sup>rd</sup> Year		-
4 <sup>th</sup> Year		_
5 <sup>th</sup> Year		1
	c. for five years will also be considered during preell as CMC will cover (inclusive of) all spares, a	
<ul> <li>(1) Price of C.M.C</li> <li>(2) Warranty as w will also cover</li> <li>i. All kind of Cabule, any) will</li> </ul>	rell as CMC will cover (inclusive of) all spares, a :- of UPS including the replacement of batteries, in Switch, Lenses, stabilizers, & other all access be supplied & installed by the bidders withou	ccessories & turnkey work monitors, cameras, lenses sories realted with the sy
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### 6. List & specifications of equipments:-

### **DOME CAMERA SPECIFICATION**

- 700 TVL HORIZONTAL RESOLUTION OR ABOVE
- 2.8-12MM VERIFOCAL LENS
- RANGE- 30-40M IR DISTANCE
- EFFECTIVE PIXEL- 960(H) X 496(V)
- SIGNAL- PAL/NTSC
- DAY & NIGHT- IR CUT FILTER WITH AUTO SWITCH
- BLC- ON
- POWER- 12V DC
- SYNCHRONIZATION INTERNAL

#### **BULLET CAMERA SPECIFICATION**

- 700 TVL HORIZONTAL RESOLUTION OR ABOVE
- 2.8-12MM VERIFOCAL LENS
- RANGE- 40M IR DISTANCE
- EFFECTIVE PIXEL- 960(H) X 496(V)
- SIGNAL- PAL/NTSC
- SHUTTER SPEED- PAL: 1/25 s TO 1/15000 s
- DAY & NIGHT- IR CUT FILTER WITH AUTO SWITCH
- BLC- ON
- VIDEO OUTPUT- 1VP-P COMPOSITE OUTPUT
- POWER- 12V DC
- SYNCHRONIZATION INTERNAL

### **DVR SPECIFICATION-8/16/32 CHANNEL**

- VIDEO COMPRESSION- H.264
- VIDEO INPUT INTERFACE- BNC
- AUDIO COMPRESSION- G.711U
- AUDIO INPUT- 1CH, RCA (2.0 Vp-p)
- VIDEO OUTPUT
- INTERFACE- 2-USB, HDMI, VGA, LAN, RS-485 SERIAL INTERFACE
- COONECTIVITY:- LAN, DYNAMIC DNS, OR, CLOUD.
- SATTA- 1 SATTA INTERFACE, UPTO 4TB CAPACITY
- POWER SWITCH

#### **Power Supply Specification**

- ➤ Power Supply To Camera From Power Backup System(Alternate power backup arrangement muste be supplied & installed by the bidder for 24hr x 7 days recording)
- Power Supply as per need of Camera Power.

### **CCTV LED Monitor Specification**

- (1) 32" 1080P (Full HD)
- (2) 42" 108P (Full HD)

### **LAN System**

Including wires + all fittings + monitors/Leds TV + UPS (to supply power to cameras DVR & Monitors/Leds TV)

#### Bidder should be responsible for following scope of services:

- 7. Bidder should be an OEM or their authorized partner and should have been in operation for period of at least 5 years as on last date of bid submission.(Submit relevant document along with tender specific Manufacturer authorization Letter in case of dealer or partner.)
- 8. Bidder shall be single point of contact for RIMS. No outsourcing of the contract to third party is allowed at any point of the contract period. Attach an undertaking to this effect.
- 9. Bidder should have successfully supplied and installed CCTV Sytem for Central/State Government departments, PSU'S, autonomous bodies during last three years. The order value should not be less than 10 lakhs. CCTV system should have been in operation from date of its successful installation. Performance certificates from end user for above order should be attached as documentary proof of evidence.
- 10. The average annual turnover of bidder during last 3 financial years shall not be less than 10 lakh (INR) and must submit self attested photocopies of Audited balance sheet/annual reports as proof of evidence.
- 11. One Resident Engineer (Well equipped & Trained) to be deputed/ arranged by the bidders in RIMS Premises for this project during Warranty & CMC Period on tenderer's own cost on 24 hours x 7 days basis.
- 12. The tenderers have to mention clearly the names and technical specifications of the relevant accessories which they will supply along with the main equipment, free of cost in their price bid.
- 13. The price should be inclusive packing, carriage & installation cost.
- 14. The total cost of each equipment should be quoted in figures and words.
- 15. The price quoted should be valid for at least two years from the date of opening of tender.
- 16. The intending tenderers should produce the copy of manufacturing registration certificate. In case of authorization original authorization certificate issued by the manufacturer in the name of Director, RIMS, Ranchi. The authorization must be valid at the time of tender opening.
- 17. The tenderer must enclose registration certificate of Jharkhand Sales tax/JVAT along with update respective clearance certificate or If the bidding agency is not registered under Jharkhand Sales tax department then they must give an undertaking through notary affidavit that "They will supply & install the equipment/items at fixed destination after payment of JVAT/Jharkhand Sales tax on their own & they will make their own arrangements for customs clearance in case of imported equipments. They shall not demand any document from Director, RIMS for clearance or duty exemption/waiver/relief in this regard."
- 18. The tenderer should furnish the warranty / guarantee period of the complete system.
- 19. The tender without EMD will be ignored straightway.
- 20. The EMD value is Rs. 20,000/- (Twenty thousand) only
- 21. Incomplete tender will be summarily rejected.
- 22. The EMD will be refunded in full to the unsuccessful tenderers after finalization of tender and in case of successful tender, the EMD will be refunded only after expiry of warranty / guarantee period.
- 23. The full EMD shall be forfeited in case of backing out of the offer after acceptance.

	24. The successful tenderer have to supply the items in accordance with the specification as finalized a approved by the purchase committee.	ınd
	Full signature of the tenderer	
	With seal and date	
	Designation.	
25.	Contractor Form 'A'	
	Telegraph Address :	
	Telephone No.:	
	Telex No.:	
	Fax No	

From	
	<del></del>
	(Full name and address of the tenderer)
То	
	The Director
	Rajendra Institute of Medical Sciences,
	Ranchi.
Sir,	
1.	I / We hereby offer to supply the stores detailed in the schedule here to such position thereof as you may specify in the supply order at the price given in the said schedule and agree to hold the order (offer) open till it is opened. I/We shall be bound by communication of acceptance within the prescribed time.
2.	I / We have understood the instructions to tenderers and terms conditions of contract for contract concluded by Director, RIMS as contained in schedule & tender notice. We have thoroughly examined specification drawing or pattern quoted in the schedule here to and am/are fully aware of the nature of the stores required.
3.	The following pages have been enclosed to and from part of this tender's technical bid
	Yours faithfully
	Signature of tenderer
	Address
	Dated
	Seal

26. All documents duly completed, signed and sealed should be enclosed with your tender offer failing which your quotation will be treated as incomplete.

### Technical compliance report duly filled and signed with seal of the bidder.

The bidders must fill all the rows/columns of this compliance report. This report will be inspected & evaluated by purchase committee and accordingly documents will be verified on the concerned page numbers.

SI. No.	Enclosures required	Have you enclosed it? write clearly Yes or No	If yes then on page no. of this bid.
1.	Photocopy of JVAT (Sales tax) Registration certificate in Jharkhand State.	Yes or No	Page No
2.	Photocopy of JVAT/Sates tax clearance certificate of Jharkhand State, valid at the time of opening of technical bid.	Yes or No	Page No
	OR		
	If the bidding agency is not registered under Jharkhand sales tax department, then they must give an undertaking through notary affidavit that "They will supply the equipment/items at RIMS, Ranchi after payment of JVAT/Jharkhand Sales tax on their own & they will make their own arrangements for custom clearance in case of imported equipments. They shall not demand any document from RIMS for JVAT/custom clearance/duty exemption / waiver/relief in this regard".		
3.	(i) Whether manufacturer or authorized dealer (Tender Specific)	Yes or No	On Page No
	(ii) If authorized dealer then write names of the original manufacturers and enclose the authorizations issued to you. e.g.	Yes or No	On Page No
	a. Authorization letter of M/s	Yes or No	On Page No
	b. Authorization letter of M/s and so on	Yes or No	On Page No
4.	Income Tax PAN No. (e.g. XYZA1234G) also mention clearly that PAN No. of proprietor or PAN no. of Company	Yes or No	On Page No
5.	Demand Draft No dated issued by (name of bank) amount Rs in favour of Director, RIMS, Ranchi.	Yes or No	On Page No
6.	Affidavits through first class magistrate / Notary Public, mentioning that –	Yes or No	On Page No
	"Our company has not been black listed or convicted in the past by any Hospital Organization or by any Government / Semi government organization /		

	P.S.Us / C.B.I / C.C.I & free from all kind of litigation/allegations.		
7.	Technical specifications with catalogue & dimensions of equipment, accessories & details of turnkey works. The bidders have to provide complete layout plan of the constructions & electrical works (if any) required and to be done by the bidder within their offer for installation & functioning of the complete system.	Yes or No	On Page No
8.	I.T. return certificate & balance sheet of the bidders for last three financial year.	Yes or No	On Page No
9.	Bidders acceptance letter/undertaking that they shall provide three years comprehensive warranty & then after five years comprehensive maintenance contract with all spares, accessories & labour charges for all the equipments.	Yes or No	On Page No
10.	ISO/CE/BIS/FDA certificate in the name of equipment manufacturing company. It must be shown in the certificate that this certificate is for particular product.	Yes or No	On Page No
11.	For price justification all the bidders have to enclosed the order copy/copies issued by any govt./semi govt./PSUs for the same equipment model in th bidder offer.	Yes or No	On Page No
	Note: In the technical bid the bidders shall enclose the order copy without price i.e. after deliting the prices but in their price bids all the bidders must have to enclosed the previous order copies with their price value.		
12.	The bidders have to enclosed/confirm the list of institutions regarding their previous installations and functioning of the same make & model equipment within last three years. The purchaser or technical committee may verify or confirm the bidders documents from the concerned institutes.	Yes or No	On Page No

### Note:

- 1. Sales tax form JVAT-504 G / Road permit / Entry tax etc. of Govt. of Jharkhand will not be issued by authority. It will be responsibility of the bidders to arrange JVAT form 504-G or any other documents related to sales tax / entry tax on their own.
- 2. If any of the above enclosures are of more than one page then in the page number columns write clearly on page no. ...... to page no. ...........
- 3. Without filling the compliance report the offer will be rejected directly at the time of technical evaluation.
- 4. All the bidders have to provide soft copy of their technical specifications (same as they have submitted in hard copy of technical bid) in PEN drive also. PEN drive must be submitted by all the bidders at the time of opening of technical bid in front of purchase committee.

### **Certificate of Compliance**

I N	∕lr.	/	Mrs.	/	Miss						on	behalf	of	M/s	(Name	of	firm	/	con	npany)
								do l	hereb	y confii	rm th	at I hav	e ver	rified	the above	oo e	mplian	се	repo	rt, it is
duly	,	fille	d. (	Our	techr	nical	bid	consists	of	total	(No	o. of	pag	es)				(	(in	words
								)												

Signature of the Bidder with date & seal of the firm / company

- 27. Please enclose photocopies of your complete registration certificate with DGS&D / NSIC ./ DGQA, (if any) as applicable, which should be valid on the date of tender opening.
- 28. Price bid of technically acceptable offers would only be opened for which either the respective firm would be invited through telephone / fax or the same may be opened with display in the notice board in case telephone message can not be passed on.
- 29. The following information should be given in the offer by tenderers :
  - a. Complete configuration of the main equipments.
  - b. Relevant (must) accessories should be supplied with the equipment, if it is required for running the complete system.
  - c. Optional accessories, if any.
- 30. Liquidated damages shall be levid for delay in supplies as per Governing Rules.
- 31. <u>Guarantee For Equipments</u>: All quotees firms shall confirm guarantee of the complete equipments as well as for the turnkey works done by the bidder under this tender for 5 years of trouble free working from real date of handover, installation & functioning. During warranty as well as CMC period they will undertake repairs if needed within 03 days of intimation. If the downtime of machine passed 72 hours then penalties for equipment having value less than Rs. 2 (Two) Lakhs will be @Rs. 1000/- every day after downtime & for equipments having value above Rs. 2 (two) Lakhs the penalty will be @Rs. 2000/- every day after down time They shall also indicate in their technical bids, how many precautionary physical check-up would be carried out by them during guarantee period
- 32. The successful tenderer shall have to submit security deposit equal to 10% of the value of the contract in form of Bank guarantee pledged to Director, RIMS, Ranchi. The bank guarantee shall be valid for minimum period of 60 months.
- 33. Tenders / Quotations are to be submitted in duplicate. Number of pages, leaflets / pamphlets, catalogue drawings etc. should be tied separately and marked original / duplicate. However, the tender inquiry document issued by RIMS should be attached with original copy of tender / quotation.
- 34. Technical bids & Price bids should be kept sealed separately superscribing the envelope "**Technical Bid**" & "**Price Bid**" and Tender Notice No. & Tenderers name with full address & telephone numbers.
- 35. The tenderers shall give a clear and guaranteed delivery period for completion of supply & installation and functioning of the complete system in their bid and they have to maintain the time frame.
- 36. Tenderers are required to answer all the question mentioned in the schedule & should return the same duly signed and filled along with technical bid.
- 37. The tendering firms shall note that the supplies will be made in accordance with the specification mentioned in the tender.
- 38. Nevertheless, the purchaser shall be liable for price variation after final approval by purchase committee.
- 39. The tenderer has to mention clearly the quality, specification, names of companies for consumables like films & others to be used in the machines for optimum quality results. The tenderer has to assure in written about the local availability of consumables in their tender.
- 40. If the supplier, having been called upon by the purchaser to furnish security deposit (S.D.), failed to furnish the same within the period provided it shall be lawful for the purchaser to forfeit the E.M.D. and to cancel the contract.
- 41. The purchaser shall be entitled and it shall be lawful on his part to forfeit the amount of security deposit in whole or in part in the event of any default, failure or neglect on the part of the supplier in the fulfillment of performance in all respect of the contract under references or any other contract with the purchaser or any part thereof to the satisfaction of the purchaser.

- 42. The security deposit shall remain in full force and effect during the period that would be taken for satisfactory performance and fullfitment of in all respects of the contract i.e. since final acceptance of the goods/equipments or any other by the consignee and be valid upto guarantee period of the equipments to be purchased.
- 43. After complete installation of the equipment the supplier shall inform the technical committee or the concerned authority in writing for inspection & functioning of the equipments. If the inspecting officer finds that preinspection of the consignment is not as required then the consignment is liable for rejection.
- 44. Contractor / Seller hereby declare that the goods / stores / articles sold / supplied / installed to the purchaser under this contract shall be of the best quality and workmanship and new in all respects and shall be strictly in accordance with the specification & particulars mentioned in the contract.

The contractor / seller hereby guarantees that the said goods / articles would continue to confirm to the description and quality aforesaid for a period of Five years from the date of final installation.

- a. Warranty to the effect that before joining out of production for the spare parts they will give in adequate advance notice to the purchaser of the equipment so that the later may undertake the balance of the life time requirements.
- b. Warranty to the effect that they will make available the blue prints of drawings of the spares if & when required in connection with the main equipment.
- 45. The following clauses are required to be confirmed :
  - a. Free routine servicing (at least 2 visits of their engineers at site in one year) will be carried out by the firm till guarantee period.
  - b. The firms will make available full engineer support package (ESP) including essential maintenance and recommended spares for maintenance of the equipment for further 05 years after the guarantee period.
  - c. The following set of documents in respect of the equipments are also required to be supplied by the firm :-

	Literature	Literature Distributions			
			(each)		
(i) (ii)	Operation instructions Wiring diagram	With each equipment Inspecting authority	2 sets 2 sets		
(11)	Willing diagram	(Concerned authority)	2 3613		
(iii)	Maintenance service manual	Inspecting authority	2 sets		
(iv)	Spare parts lists indicating cost	(Concerned authority)	2 sets		

- d. The tenderers should quote the latest models. Quotations for out dated models of equipments will not be entertained.
- 46. Payment terms as follows: 100% payment after successful installation & functioning of the complete ordered system. No payment shall be made in advance.
- 47. Price bids and technical bids should be separately sealed, covers duly superscribed. Both the bids should be in duplicate. Both these sealed bids should be put in another main envelope duly sealed & mentioning following informations.

Tender notice no. 333 dated 21-01-2016

Date & time of opening: 11-03-2016 at 12.30 P.M.

Sd/-Director, Rajendra Institute of Medical Sciences, Ranchi

Signature of Tenderer

Name (in block letters): \_\_\_\_\_
Capacity in which tenderer is signed: \_\_\_\_\_
Address in full: \_\_\_\_\_
Dated: \_\_\_\_\_ Seal \_\_\_\_\_

Director
Rajendra Institute of Medical Sciences
Ranchi.