

Pre-bid queries/clarifications asked by different firms and its recommendations/replies (ref: pre-bid meeting dated: 03/05/2018)

NIB ref: HITES/PCD/NCI-AIIMS/16/18-19 dated 21.04.2018

Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
Technical Issues					
ICU Bed with Bedside Locker & Over Bed Table (Rfx no. 300002836)					
			Delhi Hospital Supply Pvt. Ltd.	As agreed upon in the pre-bid meeting by all, please include ICU BED and HDU BED under separate Rfx no. instead common no 300002836	NO Change
1	Specifications Point No. 2:	The system should be electrically operatable by embedded control panel placed in each side of the bed for adjustments of back rest, Knee rest heights, trendlenburg, reverse trendlenburg and lateral tilt.	Hospimedica International Ltd	The system should be electrically operatable by embedded control panel placed in each side of the bed for adjustments of back rest, knee rest, heights, Trendelenburg, reverse Trendelenburg Reason:- As lateral tilt available with limited manufacturers	To be amended as:- The system should be electrically operatable by embedded control panel / hand held wired remote control which can be placed each side of the bed for adjustments of back rest, knee rest, heights, Trendelenburg, reverse Trendelenburg and lateral tilt.
			M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – Lateral Tilt to be deleted.	
			Hitech Metal & Medical Equipments Pvt. Ltd.	Remove lateral tilt (As it is normally used in OT Tables for various types of surgeries ...not commonly required in beds).	
			BR Biomedical Pvt. Ltd.	The system should be electrically operatable by embedded control panel / hand held wired remote control which can be placed each side of the bed for adjustments of back rest, knee rest, heights, Trendelenburg, reverse Trendelenburg and lateral tilt.	
			Rohanika	The system should be electrically operatable by embedded control panel placed in each side of the bed for adjustments of back rest, knee rest, heights, Trendelenburg, reverse Trendelenburg	
2	Specifications Point No. 6:	Should be C-arm compatible. It should be having provision for carrying out whole body X-RAY	M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – Should be C-arm compatible – to be deleted.	To be amended as:- It should be having provision for carrying out whole body X-RAY at the bedside

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		at the bedside either by radiotranslucent table top or through bed mattress.	Benson Medical Equipments India Pvt. Ltd.	Kindly amend this to as under so that most of the companies can participate : "Bed Head end surface upto pelvic level should be radiolucent with X Ray cassette holder, so that you can take upper body X-Rays in any manner including with C Arm. For rest of the body X Rays requirement is very very minimal however it can be achieved by means of inserting Cassette underneath patient body and mattress being radiolucent can perform X Rays. We request you to do the meaningful amendment which is practically achievable.	either by radiotranslucent table top or through bed mattress.
			Midmark India Pvt. Ltd.	Should be x-ray compatible. It should be having provision for carrying out backrest X-Ray at the bedside either by radiotranslucent table top or through bed mattress.	
			Delhi Hospital Supply Pvt. Ltd.	Should be C-Arm compatible. It should have provision for carrying out whole body or from pelvic area to the head of the bed X-Ray at the bedside either by radiotranslucent table top or through bed mattresses.	
			Hitech Metal & Medical Equipments Pvt. Ltd.	X Ray radiotranslucence is required only in backrest ,not the entire bed .	
			Paramount Bed India Pvt. Ltd.	Kindly amend this to as under so that most of the companies can participate : " Bed Head end surfcae upto pelvic level should be radiolucent with X Ray cassette holder, so that you can take upper body X-Rays in any manner including with C Arm. For rest of the body X Rays requirement is very very minimal however it can be achieved by means of inserting Cassette underneath patient baody and mattress being radiolucent can perform X Rays. We request you to do the meaningful amendent which is practically acheveable.	

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			Rohanika	Should be C-Arm compatible for full back rest, there should be facility to take X-ray of complete chest & lower abdominal area by inserting X-ray cassette under the mattress/X-ray tray from head side/or lateral sides.	
3	Specifications Point No. 7:	Should have digital indicators for angle display.	Hospimedica International Ltd	Should have digital/analog indicators for angle display Reason:- For wider participation of bidder	To be amended as:- Should have digital / Analog indicators for angle display.
			Benson Medical Equipments India Pvt. Ltd.	To the best of our knowledge this particular digital angle display is not a common thing hence not available with anyone except may be a single make. Since you want to see the degree of inclination of the head side, which is commonly displayed by means of spirit level ball on outside of head side rails for care giver. You are requested to amend the specifications accordingly and oblige.	
			BR Biomedical Pvt. Ltd.	Should have digital / Analog indicators for angle display.	
			Hitech Metal & Medical Equipments Pvt. Ltd.	Degree indicator should be non digital.	
			Med Freshe Pvt. Ltd.	Requested: Should have indicators for angle display	
			Delhi Hospital Supply Pvt. Ltd.	Should have digital or analogue (fluid tilt angle indicator) or both for angle display.	
			Paramount Bed India Pvt. Ltd.	To the best of our knowledge this particular digital angle display is not a common thing hence not available with anyone except may be a single make. Since you want to see the degree of inclination of the head side, which is commonly displayed by means of spirit level ball on outside of head side rails for care giver. You are requested to amend the specifications accordingly and oblige.	

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4	Specifications Point No. 8:	Should have inbuilt digital weighing scale.	Delhi Hospital Supply Pvt. Ltd.	Should have inbuilt digital weighing scale preferably showing the initial weight and present weight side by side at the same time thereby giving doctors the differential value at every stage of treatment. It should also have calibration constant setup or protocol.	NO Change
			Hitech Metal & Medical Equipments Pvt. Ltd.	This should be deleted as for weighing scales ,the product has to be passed by weight and measure department and separate licence has to be applied for to sell that in Indian market .doing this would not be possible.	
5	Specifications Point No. 9:	Should have under bed night light.	Benson Medical Equipments India Pvt. Ltd.	This feature is normally required for single room to get an access to the toilet during night when room light is off . Under the circumstamce this particular feature should'nt be asked in an ICU where 365 days 24 hours the lights are on .	To be amended as:- DELETED
			Paramount Bed India Pvt. Ltd.	This feature is normally required for single room to get an access to the toilet during night when room light is off . Under the circumstamce this particular feature should'nt be asked in an ICU where 365 days 24 hours the lights are on .	
			Rohanika	To be Deleted	
6	Specifications Point No. 10:	Should have one touch key provision on control panel for CPR position and manual CPR option in case of automatic system failure.	Rohanika	Should have one touch key provision on control panel for CPR positioning in less than 12 sec. The CPR buttons must be available on either side of the bed as well as foot end for quick access.	NO Change
7	Specifications Point No. 13.1 :	Mattress platform height: 450 to 840mm (±10%)	Hospimedica International Ltd	Mattress platform height : 450 to 800mm (+/- 10%) Reason:- For wider participation of bidders	To be amended as:- Mattress platform height: 450 to 840mm (±15%)
			M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – Should be amended as Mattress platform height: 320 to 760mm (±10%)	

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			Benson Medical Equipments India Pvt. Ltd.	Kindly amend this range to 395 mm to 725 mm so that we can also participate in the tender and this range is being used worldwide.	
			Med Freshe Pvt. Ltd.	Requested: Mattress platform height: 480 to 920 mm (+/- 10%)	
			Paramount Bed India Pvt. Ltd.	Kindly amend this range to 395 mm to 725 mm so that we can also participate in the tender and this range is being used worldwide.	
8	Specifications Point No. 13.2 :	Back Rest: 0-65deg or more	M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – Back Rest: 0-62deg or more.	To be amended as:- Back Rest: 0-60 deg or more
9	Specifications Point No. 13.3 :	Knee Rest: 0-30deg or more	M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – Knee Rest: 0- 20deg or more.	To be amended as:- Knee Rest: 0- 20deg or more.
			Benson Medical Equipments India Pvt. Ltd.	Kindly amend this to 0 to 25 degree, it is important that knee moment should not to go beyond this failing which patient will feel a cramped position	
			Paramount Bed India Pvt. Ltd.	Kindly amend this to 0 to 25 degree, it is important that knee moment should not to go beyond this failing which patient will feel a cramped position	
10	Specifications Point No. 13.6 :	Lateral Tilt : 0 -15 deg or more on both sides.	Hospimedica International Ltd	To be Deleted Reason:- As lateral tilt available with limited manufacturer	To be amended as: Lateral tilt through of 0 -15 deg or more on both sides Lateral tilt either in bed or thorough Air Mattress by means of CLRT (Continous Lateral Rotation Therapy)
			M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – To be deleted.	
			Benson Medical Equipments India Pvt. Ltd.	This is a make specific requirement, which may please be removed failing which our International Paramount brand will not be able to participate, who are the world's largest hospital beds manufacturing company and now in India with lot of references. In case you still insist for	

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				this feature you may please amend this as " Lateral tilt either in bed or thorough Air Mattress by means of CLRT (Continuous Lateral Rotation Therapy)	
			Hitech Metal & Medical Equipments Pvt. Ltd.	As in point no 2 , we have requested for eliminating lateral tilt ,we make the same request here to eliminate lateral tilt.	
			Paramount Bed India Pvt. Ltd.	This is a make specific requirement, which may please be removed failing which our International Paramount brand will not be able to participate, who are the world's largest hospital beds manufacturing company and now in India with lot of references. In case you still insist for this feature you may please amend this as " Lateral tilt either in bed or thorough Air Mattress by means of CLRT (Continuous Lateral Rotation Therapy)	
			Rohanika	To be Deleted	
11	Specifications Point No. 14 :	Should have battery back up of atleast 1 hour.	Hospimedica International Ltd	Should have battery back up for atleast 25-30 adjustment in case of power failure. Reason:- As mentioning duration is a ambiguous terms as battery is not depleted until & unless adjustment is made	No Change
			Rohanika	Should have battery backup of atleast 15 days once charged fully. Remarks: Once the battery life is longer, there will be no need of manual CPR as Auto CPR will always be available.	
12	Specifications Point No. 15 :	Should have Patient Working Load of minimum 200 kg.	M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – To be amended as Should have Safe Working Load of minimum 180Kgs or more.	To be amended as:- Should have Patient Working Load of minimum 180 kg.
			Benson Medical Equipments India Pvt. Ltd.	You will see that most of the manufacturers specially international manufacturers will write this as safe working load which means as	

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				patient weight load, under the circumstances please amend these two points 10 and 11 to 230 Kg patient / safe working load and oblige.	
			Delhi Hospital Supply Pvt. Ltd.	Should have maximum Patient Working Load of 200kg (+/-10%)	
			Paramount Bed India Pvt. Ltd.	You will see that most of the manufactureres specially international manufacturers will write this as safe working laod which means as patient weight load, under the circumstances please amend these two points 10 and 11 to 230 Kg patient / safe working load and oblige.	
13	Specifications Point No. 16 :	Should have Safe Working Load of minimum 250 kg.	Paramount Bed India Pvt. Ltd.	You will see that most of the manufactureres specially international manufacturers will write this as safe working laod which means as patient weight load, under the circumstances please amend these two points 10 and 11 to 230 Kg patient / safe working load and oblige.	To be amended as:- Should have Safe Working Load of minimum 180 kg.
14	Specifications Point No. 17 :	Should have four numbers of twin-casters 150mm or more dia with central locking facility.	Benson Medical Equipments India Pvt. Ltd.	Ideally its should single caster of 125 mm for better claeaning, good moment and better central locking and steering functions. Kindly amend the same accordingly and oblige.	To be amended as:- Should have four numbers of single/twin-casters 125mm or more dia with central locking facility.
		Midmark India Pvt. Ltd.	Should have four numbers of twin-casters 125 mm or more dia with central locking facility.		
		Paramount Bed India Pvt. Ltd.	Ideally its should single caster of 125 mm for better claeaning, good moment and better central locking and steering functions. Kindly amend the same accordingly and oblige.		
15	Specifications Point No. 20 :	Should be provided with Foam Mattress of atleast 150mm thickness. The mattress could be sectioned or single type, and if the matress is supplied in section, there should not be gaps in between sections. The foam should not	Hospimedica International Ltd	Should be provided with foam mattress of atleast 100- 120mm thickness. The mattress could be sectioned or single type, and if the mattress is supplied in sections, there should not be gaps in between sections. The foam should not absorb blood or any stain. Reason:- As 120 mm is also suitable for patient saftey & comfort	To be amended as:- Should be provided with Foam Mattress of atleast 100mm thickness. The mattress could be sectioned or single type, and if the matress is supplied in section, there should not be gaps in between sections. The foam should not

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		absorb blood or any stain.	Benson Medical Equipments India Pvt. Ltd.	In order to have good quality mattress, kindly add that the mattress should be radiolucent, flame retardant, MRSA antibacterial treated. Thickness should be amended as 100 mm for better patient comfort and avoid slippage	absorb blood or any stain.
			Delhi Hospital Supply Pvt. Ltd.	Mattress is also designed for treating patients suffering from high degree risk of developing pressure ulcers. Mattress should have high weight capacity upto 230kg patient weight, should well adapted to the shape of the bed when positioning the patient. It should have washable and waterproof cover. The cover is sewn, made of breathable fabric that contains antibacterial ingredient. The zipper is located on long and short side.	
			Paramount Bed India Pvt. Ltd.	In order to have good quality mattress, kindly add that the mattress should be radiolucent, flame retardant, MRSA antibacterial treated. Thickness should be amended as 100 mm for better patient comfort and avoid slippage	
			Rohanika	Should be provided with Foam Mattress of atleast 120mm thickness. The mattress could be sectioned or single type, and if the mattress is supplied in sections, there should not be gaps in between sections. The foam should not absorb blood or any stain. Please add the following: <ul style="list-style-type: none"> •The mattress covering must be removable by zip lock & washable. •The mattress covering must be fire retardant, passed anti bacterial and ROHS tests. •The foam must be atleast dual layer or more having density of atleast 40kg/cubic meter and lower surface to density of 30kg/cubic meter. 	
16	Specifications Point No. 21.1 :	System Configuration Accessories, spares and consumables	Hospimedica International Ltd	Foam Mattress of atleast 100-120mm thickness - 1 No Reason :-	To be amended as:- System Configuration Accessories, spares and consumables

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		Foam Mattress of atleast 150mm thickness - 1 No		As 120 mm is also suitable for patient safety & comfort	Foam Mattress of atleast 100mm thickness - 1 No
			Benson Medical Equipments India Pvt. Ltd.	Please amend thicknees as 100 mm due to reasons mentioned in above point 15.	
			Paramount Bed India Pvt. Ltd.	Please amend thicknees as 100 mm due to reasons mentioned in above point 15.	
			Rohanika	Foam Mattress of atleast 120mm thickness - 1 No	
17	Specifications Point No. 22.1 :	Power Supply Power input to be 180-270 V AC, 50-60 Hz as appropriate, fitted with Indian plug with rechargeable battery backup of atleast 1 hour.	Benson Medical Equipments India Pvt. Ltd.	We have voltage range of 100 to 240, hoope this will be acceptable and not be rejected because in indian only low volatge is an issue.	To be amended as:- Power Supply Power input should be suitable for 230 V AC, 50 Hz power supply , fitted with Indian plug with rechargeable battery backup of atleast 1 hour
			Paramount Bed India Pvt. Ltd.	We have voltage range of 100 to 240, hoope this will be acceptable and not be rejected because in indian only low volatge is an issue.	
			Rohanika	Power input to be 180-270 V AC, 50-60 Hz as appropriate, fitted with Indian plug with rechargeable battery backup of atleast 15 days once charged fully. Remarks: Once the battery life is longer, there will be no need of manual CPR as Auto CPR will always be available.	
18	Specifications Point No. 23.1 :	Standards and Safety Electrical safety conforms to standards for electrical safety IEC-60601-2- 52.	Benson Medical Equipments India Pvt. Ltd.	In case of beds please also add IEC -60601-1-2005 (Third Edition) + CORR.1:2006+CORR.2:2007+AM1:2012, IEC60601-2-52 : 2009 (First Edition) for use with IEC 60601-1:2005 (Third Edition) and EN 60601-2006 + A12:2014, EN 60601-1-2 : 2007, EN60601-2-52:2010	No Change
			Paramount Bed India Pvt. Ltd.	In case of beds please also add IEC -60601-1-2005 (Third Edition) + CORR.1:2006+CORR.2:2007+AM1:2012, IEC60601-2-52 : 2009 (First Edition) for use with IEC 60601-1:2005 (Third Edition) and EN 60601-2006 + A12:2014, EN 60601-1-2 : 2007,	

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				EN60601-2-52:2010	
			Rohanika	It conforms to the standard for electrical safety IEC – 60601-2-52	
19	Specifications Point No. 23.2 :	Standards and Safety Should be USFDA or European CE approved product.	Benson Medical Equipments India Pvt. Ltd.	CE conformity	No Change
			Rohanika	To be Deleted completely. ICU Bed are class II device hence the manufacturing plant must be covered by ISO-13485 &/or registered with US-FDA.	
20	Specifications Point No. 23.4 :	Standards and Safety Electric Shock Protection level- Class-B	Rohanika	It conforms to the standard for electrical safety IEC – 60601-2-52	No Change
21	Specifications Point No. 23.5 :	Standards and Safety Electric Current Protection- Class -1	Rohanika	It conforms to the standard for electrical safety IEC – 60601-2-52	No Change
22	Specifications Point No. 23.6 :	Liquid Ingress protection :IP54	M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – To be amended as Liquid Ingress protection :IPX4	No Change
			Benson Medical Equipments India Pvt. Ltd.	It should be IPX4 not IP54, kindly amend it accordingly.	
			Paramount Bed India Pvt. Ltd.	It should be IPX4 not IP54, kindly amend it accordingly.	
23	Specifications Point No. 24.1 :	Technical Specification for Bedside Locker Should be supplied with Bedside locker from the same manufacturer of ICU bed, as per following specification.	BR Biomedical Pvt. Ltd.	Should be supplied with Bedside locker from the same manufacturer / Reputed Indian manufacturer of ICU bed, as per following specification.	No Change
24	Specifications Point No. 24.3 :	Technical Specification for Bedside Locker Over all dimension should be atleast 400mm x 400mm x 820mm (L x W x H).	Benson Medical Equipments India Pvt. Ltd.	We have size as per international standard and practices which is 454mm x 469mm x 780 mm. Kindly amend your specifications suitably so that we can also participate with our product, which is being used worldwoide	To be amended as:- Technical Specification for Bedside Locker Over all dimension should be atleast 400mm(±15%) x 400mm

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			Paramount Bed India Pvt. Ltd.	We have size as per international standard and practices which is 454mm x 469mm x 780 mm. Kindly amend your specifications suitably so that we can also participate with our product, which is being used worldwide	(±15%)x 820mm (±15%) (L x W x H)
25	Specifications Point No. 24.5 :	should be made from 1mm (20G) MS sheet and top should be made of SS/ABS material.	M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – To be amended as- Body should be made from ABS/SS and top should be made of SS/ABS material.	To be amended as:- Body should be made from 1mm (20 G) MS sheet and top should be made of SS/ABS material or complete Bedside cabinet should be in ABS non-rusting material, washable.
			Rohanika	Body should be made from 1mm (20 G) MS sheet and top should be made of SS/ABS material or complete Bedside cabinet should be in ABS non-rusting material, washable. There should be extension surface & hanger for towel.	
26	Specifications Point No. 24.6 :	Technical Specification for Bedside Locker Should have four swivel castors of atleast 50mm dia.with braking facility.	Benson Medical Equipments India Pvt. Ltd.	Please Expand the wheel size range 40 to 50 mm as 40 mm is worldwide standard practice being used.	To be amended as:- Technical Specification for Bedside Locker Should have four swivel castors of atleast 40mm dia. with braking facility.
			Paramount Bed India Pvt. Ltd.	Please Expand the wheel size range 40 to 50 mm as 40 mm is worldwide standard practice being used.	
27	Specifications Point No. 25.1 :	Technical Specification for Overbed Table Should be supplied with Overbed table from the same manufacturer of ICU bed, as per following specification.	BR Biomedical Pvt. Ltd.	Should be supplied with Over bed table from the same manufacturer / Reputed Indian manufacturer of ICU bed, as per following specification.	No Change
28	Specifications Point No. 25.3 :	overall size of top should be atleast 800mm L x 350 mm W			To be amended as:- overall size of top should be atleast 800mm L x 350 mm W (±15%)
29	Specifications Point No. 25.4 :	Technical Specification for Overbed Table Top should be Laminated/HPL material fitted on mild steel square tubular telescopic stem having Gas Spring height	Rohanika	Top (approx 800x450mm) should be Laminated/HPL /ABS material fitted on mild steel square tubular telescopic stem having Gas Spring height adjustment from 850 to 1100mm. Moving up without pressing any lever as well as moving down by gas spring & locking in	To be amended as:- Technical Specification for Overbed Table Top should be Laminated/HPL material fitted on mild steel square tubular telescopic stem having Gas Spring height

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		adjustment from .750mm to 1100mm.		the last position for further going down.	adjustment from .750mm to 1100mm.(±15%)
30	Specifications Point No. 25.5 :	Technical Specification for Overbed Table Base frame should be of mild steel rectangular tubular base frame mounted on four castors of atleast 50mm dia.	Benson Medical Equipments India Pvt. Ltd.	Please Expand the wheel size range 40 to 50 mm as 40 mm is worldwide standard practice being used.	To be amended as: Technical Specification for Overbed Table Base frame should be of mild steel rectangular tubular base frame mounted on four castors of atleast 40mm dia.
			Paramount Bed India Pvt. Ltd.	Please Expand the wheel size range 40 to 50 mm as 40 mm is worldwide standard practice being used.	
			Rohanika	Base frame should be of mild steel/ aluminium rectangular tubular base frame mounted on four castors of atleast 50mm dia.	
31	Specifications Point No. 25.6 :	Technical Specification for Overbed Table Should be easily movable under the bed when patient is on Bed.	Rohanika	Should move upward when the patient / nurse moves the bed upward to prevent entrapment of the patient by mistake.	No change
HDU Bed with Bedside Locker & Over Bed Table (Rfx no. 3000002836)					
32			Delhi Hospital Supply Pvt. Ltd.	As agreed upon in the pre-bid meeting by all, please include ICU BED and HDU BED under separate Rfx no. instead common no 3000002836	No Change
33	Specifications Point No. 2:	The system should be electrically operatable by embedded control panel placed in each side of the bed for adjustments of back rest, knee rest, heights, trendelenburg and reverse trendelenburg.	BR Biomedical Pvt. Ltd.	The system should be electrically operatable by embedded control panel / hand held wired remote control which can be placed in each side of the bed for adjustments of back rest, knee rest, heights, Trendelenburg and reverse Trendelenburg.	To be amended as:- The system should be electrically operatable by embedded control panel / hand held wired remote control which can be placed in each side of the bed for adjustments of back rest, knee rest, heights, Trendelenburg and reverse Trendelenburg.
34	Specifications Point No. 3:	Base frame & support frame should be made up of Epoxy powder coated MS/CRCA tubes.	Benson Medical Equipments India Pvt. Ltd.	We suggest that In order to have better cleaning underneath and on top of the surface you may please add ABS removable mattress base surface	No Change
			Paramount Bed India Pvt. Ltd.	We suggest that In order to have better cleaning underneath and on top of the surface you may please add ABS removable mattress base	

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				surface	
35	Specifications Point No. 6:	Should be C-arm compatible. It should be having provision for carrying out whole body X-RAY at the bedside either by radiotranslucent table top or through bed mattress.	Benson Medical Equipments India Pvt. Ltd.	Kindly amend this to as under so that most of the companies can participate : " Bed Head end surface upto pelvic level should be radiolucent with X Ray cassette holder, so that you can take upper body X-Rays in any manner including with C Arm. For rest of the body X Rays requirement is very very minimal however it can be achieved by means of inserting Cassette underneath patient baody and mattress being radiolucent can perform X Rays. We request you to do the meaningful amendent which is practically acheveable.	To be amended as: It should be having provision for carrying out whole body X-RAY at the bedside either by radiotranslucent table top or through bed mattress.
			Hitech Metal & Medical Equipments Pvt. Ltd.	X Ray radiotranslucence is required only in backrest ,not the entire bed .	
			M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – Should be C-arm compatible – to be deleted.	
			Midmark India Pvt. Ltd.	Should be x-ray compatible. It should be having provision for carrying out backrest X-Ray at the bedside either by radiotransluscent table top or through bed mattres.	
			Delhi Hospital Supply Pvt. Ltd.	Should be C-Arm compatible. It should have provision for carrying out whole body or from pelvic area to the head of the bed X-Ray at the bedside either by radiotransluscent table top or through bed mattres.	
			Paramount Bed India Pvt. Ltd.	Kindly amend this to as under so that most of the companies can participate : " Bed Head end surfcae upto pelvic level should be radiolucent with X Ray cassette holder, so that you can take upper body X-Rays in any manner including with C Arm. For rest of the body X Rays requirement is very very minimal however it can be achieved by means of inserting Cassette underneath patient baody and mattress being	

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				radiolucent can perform X Rays. We request you to do the meaningful amendent which is practically acheveable.	
			Rohanika	Should be C-Arm compatible for full back rest, there should be facility to take X-ray of complete chest & lower abdominal area by inserting X-ray cassette under the mattress/X-ray tray from head side/or lateral sides.	
36	Specifications Point No. 7:	Should have digital indicators for angle display.	Hospimedica International Ltd	Should have digital/ analog indicator for angle display. Reason:- For wider participation of bidder	To be amended as:- Should have digital / Analog indicators for angle display.
			Benson Medical Equipments India Pvt. Ltd.	To the best of our knowledge this particular digital angle display is not a common thing hence not available with anyone except may be a single make. Since you want to see the degree of inflation of the head side, which is commonly displayed by means of spirit level ball on outside of head side rails for care giver. You are requested to amend the specifications accordingly and oblige.	
			M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – To be amended as - Should have digital/Analog indicators for angle display.	
			Hitech Metal & Medical Equipments Pvt. Ltd.	Degree indicator should be non digital.	
			BR Biomedical Pvt. Ltd.	Should have digital / Analog indicators for angle display.	
			Delhi Hospital Supply Pvt. Ltd.	Should have digital or analogue (fluid tilt angle indicator) or both for angle display.	
			Paramount Bed India Pvt. Ltd.	To the best of our knowledge this particular digital angle display is not a coomaon thing hence not available with anyone except may be a single make. Since you want to see the degree of inclation of the hesad side, which is	

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Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
				commonly displayed by means of spirit level ball on outside of head side rails for care giver. You are requested to amend the specifications accordingly and oblige.	
37	Specifications Point No. 8:	Should have under bed night light.	Benson Medical Equipments India Pvt. Ltd.	This feature is normally required for single room to get an access to the toilet during night when room light is off . Under the circumstance this particular feature shouldn't be asked in an ICU where 365 days 24 hours the lights are on .	To be amended as:- DELETED
			Paramount Bed India Pvt. Ltd.	This feature is normally required for single room to get an access to the toilet during night when room light is off . Under the circumstance this particular feature should'nt be asked in an ICU where 365 days 24 hours the lights are on .	
			Rohanika	To be Deleted	
38	Specifications Point No. 9:	Should have one touch key provision on control panel for CPR position and manual CPR option in case of automatic system failure.	Rohanika	Should have one touch key provision on control panel for CPR positioning in less than 12 sec. The CPR buttons must be available on either side of the bed as well as foot end for quick access.	No Change
39	Specifications Point No. 12.1 :	Mattress platform height: 450 to 840mm (±10%)	Benson Medical Equipments India Pvt. Ltd.	Kindly amend this range to 350 mm to 700 mm so that we can also participate in the tender and this range is being used worldwide.	To be amended as:- Mattress platform height: 450 to 840mm (±15%)
			Hospimedica International Ltd	Mattress platform height : 450 to 800mm (+/- 10%) for wider participation of bidder.	
			M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – Should be amended as Mattress platform height: 320 to 760mm (±10%)	
			Paramount Bed India Pvt. Ltd.	Kindly amend this range to 350 mm to 700 mm so that we can also participate in the tender and this range is being used worldwide.	
40	Specifications Point No. 12.2 :	Back Rest: 0-65deg or more	M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – Back Rest: 0-62deg or more.	To be amended as:- Back Rest: 0-60deg or more

Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
41	Specifications Point No. 12.3 :	Knee Rest: 0-30deg or more	Benson Medical Equipments India Pvt. Ltd.	Kindly amend this to 0 to 25 degree, it is important that knee moment should not to go beyond this failing which patient will feel a cramped position	To be amended as:- Knee Rest: 0- 20deg or more.
			M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – Knee Rest: 0- 20deg or more.	
			Paramount Bed India Pvt. Ltd.	Kindly amend this to 0 to 25 degree, it is imporant that knee moment should not to go beyond this failing which patient will feel a cramped position	
42	Specifications Point No. 13:	Should have battery back up of atleast 1 hour.	Rohanika	Should have battery backup of atleast 15 days once charged fully. Remarks: Once the battery life is longer, there will be no need of manual CPR as Auto CPR will always be available.	No Change
			Hospimedica International Ltd	should have battery backup for atleast 25 - 30 adjustment in case of power failure. As mentioning duration is a ambiguous terms as battery is not depleted until & unless adjustment is made	
43	Specifications Point No. 14 :	Should have Patient Working Load of minimum 200 kg.	Benson Medical Equipments India Pvt. Ltd.	You will see that most of the manufactureres specially international manufacturers will write this as safe working laod which means as patient weight load, under the circumstances please amend these two points 10 and 11 to 230 Kg patient / safe working load and oblige.	To be amended as:- Should have Patient Working Load of minimum 180 kg.
			M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – To be amended as - Should have Safe Working Load of minimum 180Kgs or more.	
			Paramount Bed India Pvt. Ltd.	You will see that most of the manufactureres specially international manufacturers will write this as safe working laod which means as patient weight load, under the circumstances please amend these two points 10 and 11 to 230	

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Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
				Kg patient / safe working load and oblige.	
44	Specifications Point No. 15:	Should have Safe Working Load of minimum 250 kg.	Delhi Hospital Supply Pvt. Ltd.	Should have maximum Patient Working Load of 200kg (+/-10%)	To be amended as:- Should have Safe Working Load of minimum 180 kg.
			Paramount Bed India Pvt. Ltd.	You will see that most of the manufactureres specially international manufacturers will write this as safe working laod which means as patient weight load, under the circumstances please amend these two points 10 and 11 to 230 Kg patient / safe working load and oblige.	
45	Specifications Point No. 16 :	Should have four numbers of twin-casters 150mm or more dia with central locking facility.	Benson Medical Equipments India Pvt. Ltd.	Ideally its should single caster of 125 mm for better claeaning, good moment and better central locking and steering functions. Kindly amend the same accordingly and oblige.	To be amended as:- Should have four numbers of single/twin-casters 125mm or more dia with central locking facility.
			Midmark India Pvt. Ltd.	Should have four numbers of twin-casters 125 mm or more dia with central locking facility.	
			Paramount Bed India Pvt. Ltd.	Ideally its should single caster of 125 mm for better claeaning, good moment and better central locking and steering functions. Kindly amend the same accordingly and oblige.	
46	Specifications Point No. 19 :	Should be provided with Foam Mattress of atleast 150mm thickness. The mattress could be sectioned or single type, and if the matress is supplied in section, there should not be gaps in between sections. The foam should not absorb bloor or any stain.	Benson Medical Equipments India Pvt. Ltd.	In order to have good quality mattress, kindly add that the mattress should radiolucent, flame retardunt, MRSA antibacterial treated.Thicknes should be amended as 100 mm for better patient comfort and avoid slippage	To be amended as:- Should be provided with Foam Mattress of atleast 100mm thickness. The mattress could be sectioned or single type, and if the matress is supplied in section, there should not be gaps in between sections. The foam should not absorb bloor or any stain.
			Hospimedica International Ltd	Should be provided with foam mattress of atleast 100-120 mm thickness .The mattress could be sectioned or single type , and if the mattress is supplied in section ,there should not be gaps in between sections . The foam should not absorb blood ar any stain. As 120mm is also suitable for patient safety & comfort.	
			Delhi Hospital Supply Pvt. Ltd.	Mattress is also designed for treating patients suffering from high degree risk of developing pressure ulcers. Mattress should have high	

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				weight capacity upto 230kg patient weight, should well adapted to the shape of the bed when positioning the patient. It should have washable and waterproof cover. The cover is sewn, made of breathable fabric that contains antibacterial ingredient. The zipper is located on long and short side.	
			Paramount Bed India Pvt. Ltd.	In order to have good quality mattress, kindly add that the mattress should radiolucent, flame retardant, MRSA antibacterial treated. Thickness should be amended as 100 mm for better patient comfort and avoid slippage	
			Rohanika	Should be provided with Foam Mattress of atleast 120mm thickness. The mattress could be sectioned or single type, and if the mattress is supplied in sections, there should not be gaps in between sections. The foam should not absorb blood or any stain. Please add the following: <ul style="list-style-type: none"> •The mattress covering must be removable by zip lock & washable. •The mattress covering must be fire retardant, passed anti bacterial and ROHS tests. •The foam must be atleast dual layer or more having density of atleast 40kg/cubic meter and lower surface to density of 30kg/cubic meter. 	
47	Specifications Point No. 20.1 :	System Configuration Accessories, spares and consumables Foam Mattress of atleast 150mm thickness - 1 No	Benson Medical Equipments India Pvt. Ltd.	Please amend thickness as 100 mm due to reasons mentioned in above point 15.	To be amended as:- System Configuration Accessories, spares and consumables Foam Mattress of atleast 100mm thickness - 1 No
		Hospimedica International Ltd	Foam Mattress of atleast 100-120mm thickness - 1 No As 120 mm is also suitable for patient safety & comfort.		
		Paramount Bed India Pvt. Ltd.	Please amend thickness as 100 mm due to reasons mentioned in above point 15.		
		Rohanika	Foam Mattress of atleast 120mm thickness - 1 No		

Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
48	Specifications Point No. 21.1 :	Power Supply Power input to be 180-270 V AC, 50-60 Hz as appropriate, fitted with Indian plug with rechargeable battery backup of atleast 1 hour.	Benson Medical Equipments India Pvt. Ltd.	We have voltage range of 100 to 240, hope this will be acceptable and not be rejected because in indian only low volatge is an issue.	To be amended as:- Power Supply Power input should be suitable for 230 V AC, 50 Hz power supply , fitted with Indian plug with rechargeable battery backup of atleast 1 hour
			Paramount Bed India Pvt. Ltd.	We have voltage range of 100 to 240, hope this will be acceptable and not be rejected because in indian only low volatge is an issue.	
			Rohanika	Power input to be 180-270 V AC, 50-60 Hz as appropriate, fitted with Indian plug with rechargeable battery backup of atleast 15 days once charged fully. Remarks: Once the battery life is longer, there will be no need of manual CPR as Auto CPR will always be available.	
49	Specifications Point No. 22.1 :	Standards and Safety Electrical safety conforms to standards for electrical safety IEC-60601-2- 52.	Benson Medical Equipments India Pvt. Ltd.	In case of beds please also add IEC -60601-1-2005 (Third Edtion) + CORR.1:2006+CORR.2:2007+AM1:2012, IEC60601-2-52 : 2009 (First Edition) for use with IEC 60601-1:2005 (Third Edition) and EN 60601-2006 + A12:2014, EN 60601-1-2 : 2007, EN60601-2-52:2010	No Change
			Paramount Bed India Pvt. Ltd.	In case of beds please also add IEC -60601-1-2005 (Third Edtion) + CORR.1:2006+CORR.2:2007+AM1:2012, IEC60601-2-52 : 2009 (First Edition) for use with IEC 60601-1:2005 (Third Edition) and EN 60601-2006 + A12:2014, EN 60601-1-2 : 2007, EN60601-2-52:2010	
			Rohanika	It conforms to the standard for electrical safety IEC – 60601-2-52	
50	Specifications Point No. 22.2 :	Standards and Safety Should be USFDA or European CE approved product.	Rohanika	To be Deleted completely. ICU Bed are class II device hence the manufacturing plant must be covered by ISO-13485 &/or registered with US-FDA.	No Change
51	Specifications Point No. 22.4 :	Standards and Safety Electric Shock Protection level-	Rohanika	It conforms to the standard for electrical safety IEC – 60601-2-52	No Change

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		Class-B			
52	Specifications Point No. 22.5 :	Standards and Safety Electric Current Protection- Class -1	Rohanika	It conforms to the standard for electrical safety IEC – 60601-2-52	No Change
53	Specifications Point No. 22.6 :	Liquid Ingress protection :IP54	Benson Medical Equipments India Pvt. Ltd.	It should be IPX4 not IP54, kindly amend it accordingly.	No Change
			M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – To be amended as Liquid Ingress protection: IPX4	
			Paramount Bed India Pvt. Ltd.	It should be IPX4 not IP54, kindly amend it accordingly.	
54	Specifications Point No. 23.1 :	Technical Specification for Bedside Locker Should be supplied with Bedside locker from the same manufacturer of HDU bed, as per following specification.	BR Biomedical Pvt. Ltd.	Should be supplied with Bedside locker from the same manufacturer / Reputed Indian manufacturer of HDU bed, as per following specification.	No Change
55	Specifications Point No. 23.3 :	Technical Specification for Bedside Locker Over all dimension should be atleast 400mm x 400mm x 820mm (L x W x H).	Benson Medical Equipments India Pvt. Ltd.	We have size as per international standard and practices which is 454mm x 469mm x 780 mm. Kindly amend your specifications suitably so that we can also participate with our product, which is being used worldwide	To be amended as:- Technical Specification for Bedside Locker Over all dimension should be atleast 400mm(±15%) x 400mm (±15%)x 820mm (±15%) (L x W x H)
			Paramount Bed India Pvt. Ltd.	We have size as per international standard and practices which is 454mm x 469mm x 780 mm. Kindly amend your specifications suitably so that we can also participate with our product, which is being used worldwide	
56	Specifications Point No. 23.5 :	Body should be made from 1mm (20G) MS sheet and top should be made of SS/ABS material.	M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – To be amended as- Body should be made from ABS/SS and top should be made of SS/ABS material.	To be amended as:- Body should be made from 1mm (20 G) MS sheet and top should be made of SS/ABS material or complete Bedside cabinet should be in ABS non-rusting material, washable.
			Rohanika	Body should be made from 1mm (20 G) MS sheet and top should be made of SS/ABS material or complete Bedside cabinet should be in ABS non-rusting material, washable.	

Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
				There should be extension surface & hanger for towel.	
57	Specifications Point No. 23.6 :	Technical Specification for Bedside Locker Should have four swivel castors of atleast 50mm dia.with braking facility.	Benson Medical Equipments India Pvt. Ltd.	Please Expand the wheel size range 40 to 50 mm as 40 mm is worldwide standard practice being used.	To be amended as:- Technical Specification for Bedside Locker Should have four swivel castors of atleast 40mm dia. with braking facility.
			Paramount Bed India Pvt. Ltd.	Please Expand the wheel size range 40 to 50 mm as 40 mm is worldwide standard practice being used.	
58	Specifications Point No. 24.1 :	Technical Specification for Overbed Table Should be supplied with Overbed table from the same manufacturer of HDU bed, as per following specification.	BR Biomedical Pvt. Ltd.	Should be supplied with Over bed table from the same manufacturer / Reputed Indian manufacturer of HDU bed, as per following specification.	No change
59	Specifications Point No. 24.3 :	Overall size of top should be atleast 800 mm L x 350 mm W.			To be amended as:- overall size of top should be atleast 800mm L x 350 mm W (±15%)
60	Specifications Point No. 24.4 :	Technical Specification for Overbed Table Top should be Laminated/HPL material fitted on mild steel square tubular telescopic stem having Gas Spring height adjustment from.750mm to 1100mm.	Rohanika	Top (approx 800x450mm) should be Laminated/HPL /ABS material fitted on mild steel square tubular telescopic stem having Gas Spring height adjustment from 850 to 1100mm. Moving up without pressing any lever as well as moving down by gas spring & locking in the last position for further going down.	To be amended as:- Technical Specification for Overbed Table Top should be Laminated/HPL material fitted on mild steel square tubular telescopic stem having Gas Spring height adjustment from.750mm to 1100mm. (±15%)
61	Specifications Point No. 24.5 :	Technical Specification for Overbed Table Base frame should be of mild steel rectangular tubular base frame mounted on four castors of atleast 50mm dia.	Benson Medical Equipments India Pvt. Ltd.	Please Expand the wheel size range 40 to 50 mm as 40 mm is worldwide standard practice being used.	To be amended as:- Technical Specification for Overbed Table Base frame should be of mild steel rectangular tubular base frame mounted on four castors of atleast 40mm dia.
			Paramount Bed India Pvt. Ltd.	Please Expand the wheel size range 40 to 50 mm as 40 mm is worldwide standard practice being used.	
			Rohanika	Base frame should be of mild steel/ aluminium rectangular tubular base frame mounted on four castors of atleast 50mm dia.	
62	Specifications Point	Technical Specification for	Rohanika	Should move upward when the patient /	No change

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	No. 24.7 :	Overbed Table Should be easily movable under the bed when patient is on Bed.		nurse moves the bed upward to prevent entrapment of the patient by mistake.	
63	Added Para:	Bed should also have the facility to achieve Preprogram position for cardiological chair, fowler position, examination position, anti-shock position by using single button on controller	BR Biomedical Pvt. Ltd.	This feature allows achieving frequently used positions quickly using single switch without making many adjustments	No change
Ward Bed with Bedside Locker & Over Bed Table (Rfx no. 3000002837)					
64			Delhi Hospital Supply Pvt. Ltd.	As agreed upon in the pre-bid meeting by all, please include Ward Bed and Ward Bed (X-Ray Compatible) under separate Rfx no. instead common no 3000002837	No change
65	Specifications Point No. 2:	The system should be electrically operatable by embedded control panel placed in each side of the bed for adjustments of back rest, knee rest, heights, trendelenburg and reverse trendlenburg.	BR Biomedical Pvt. Ltd.	The system should be electrically operatable by embedded control panel / hand held wired remote control which can be placed in each side of the bed for adjustments of back rest, knee rest, heights, Trendelenburg, reverse Trendelenburg and lateral tilt.	To be amended as:- The system should be electrically operatable by embedded control panel / hand held wired remote control which can be placed in each side of the bed for adjustments of back rest, knee rest, heights, Trendelenburg and reverse Trendelenburg.
66	Specifications Point No. 3:	Base frame & support frame should be made up of Epoxy powder coated MS/CRCA tubes.	Benson Medical Equipments India Pvt. Ltd.	We suggest that In order to have better claening underneath and on top of the surface you may please add ABS removable mattress base suface	No Change
			Paramount Bed India Pvt. Ltd.	We suggest that In order to have better claening underneath and on top of the surface you may please add ABS removable mattress base suface	

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67	Specifications Point No. 6:	Should have digital indicators for angle display.	Benson Medical Equipments India Pvt. Ltd.	To the best of our knowledge this particular digital angle display is not a common thing hence not available with anyone except may be a single make. Since you want to see the degree of inclination of the head side, which is commonly displayed by means of spirit level ball on outside of head side rails for care giver. You are requested to amend the specifications accordingly and oblige.	To be amended as:- Should have digital / Analog indicators for angle display.
			Hitech Metal & Medical Equipments Pvt. Ltd.	Degree indicator should be non digital.	
			Hospimedica International Ltd.	Should have digital / Analog indicators for angle display. For wider participation of bidder.	
			M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – To be amended as - Should have digital/Analog indicators for angle display.	
			BR Biomedical Pvt. Ltd.	Should have digital / Analog indicators for angle display.	
			Med Freshe Pvt. Ltd.	Requested: Should have indicators for angle display	
			Delhi Hospital Supply Pvt. Ltd.	Preferable has features for angle display.	
			Paramount Bed India Pvt. Ltd.	To the best of our knowledge this particular digital angle display is not a common thing hence not available with anyone except may be a single make. Since you want to see the degree of inclination of the head side, which is commonly displayed by means of spirit level ball on outside of head side rails for care giver. You are requested to amend the specifications accordingly and oblige.	
Rohanika	Digital indicators/Mechanical indicator of backrest and angle of the bed during trendelenburg.				

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68	Specifications Point No. 8.1	Bed position adjustments: Mattress platform height: 450 to 840mm ($\pm 10\%$)	Benson Medical Equipments India Pvt. Ltd.	Kindly amend this range to 350 mm to 700 mm so that we can also participate in the tender and this range is being used worldwide.	To be amended as:- Bed position adjustments: Mattress platform height: 450 to 840mm ($\pm 15\%$)
			Hospimedica International Ltd.	Mattress platform Height 450 to 800 mm ($\pm 10\%$) For wider participation.	
			M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – Should be amended as Mattress platform height: 320 to 760mm ($\pm 10\%$)	
			Med Freshe Pvt. Ltd.	Requested: Mattress platform height: 480 to 920 mm ($\pm 10\%$)	
			Paramount Bed India Pvt. Ltd.	Kindly amend this range to 350 mm to 700 mm so that we can also participate in the tender and this range is being used worldwide.	
69	Specifications Point No. 8.2 :	Back Rest: 0-65deg or more	M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – Back Rest: 0-62deg or more.	To be amended as:- Back Rest: 0-60deg or more
70	Specifications Point No. 8.3 :	Bed position adjustments: Knee Rest: 0-30deg or more	Benson Medical Equipments India Pvt. Ltd.	Kindly amend this to 0 to 25 degree, it is important that knee moment should not go beyond this failing which patient will feel a cramped position	To be amended as:- Bed position adjustments: Knee Rest: 0- 20deg or more.
			M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – Knee Rest: 0- 20deg or more.	
			Paramount Bed India Pvt. Ltd.	Kindly amend this to 0 to 25 degree, it is important that knee moment should not go beyond this failing which patient will feel a cramped position	
71	Specifications Point No. 9 :	Should have battery back up of atleast 1 hour.	Rohanika	Should have battery backup of atleast 15 days once charged fully. Remarks: Once the battery life is longer, there will be no need of manual CPR as Auto CPR will always be available.	No Change

Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
			Hospimedica International Ltd.	Should Have battery back up for at least 25 -30 adjustment in case of power failure. Reasons :- As mentioning duration is a ambiguous terms and as battery is not depleted until & unless adjustment is made.	
72	Specifications Point No. 10 :	Should have Patient Working Load of minimum 200 kg.	Benson Medical Equipments India Pvt. Ltd.	You will see that most of the manufactureres specially international manufacturers will write this as safe working laod which means as patient weight load, under the circumstances please amend these two points 10 and 11 to 230 Kg patient / safe working load and oblige.	To be amended as:- Should have Patient Working Load of minimum 180 kg.
			M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – To be amended as should have Safe Working Load of minimum 180Kgs or more.	
			Paramount Bed India Pvt. Ltd.	You will see that most of the manufactureres specially international manufacturers will write this as safe working laod which means as patient weight load, under the circumstances please amend these two points 10 and 11 to 230 Kg patient / safe working load and oblige.	
73	Specifications Point No. 11:	Should have Safe Working Load of minimum 250 kg.	Paramount Bed India Pvt. Ltd.	You will see that most of the manufactureres specially international manufacturers will write this as safe working laod which means as patient weight load, under the circumstances please amend these two points 10 and 11 to 230 Kg patient / safe working load and oblige.	To be amended as: - Should have Safe Working Load of minimum 180 kg.
74	Specifications Point No. 12:	Should have four numbers of twin-casters 150mm or more dia with central locking facility.	Benson Medical Equipments India Pvt. Ltd.	Ideally its should single caster of 125 mm for better claeaning, good moment and better central locking and steering functions. Kindly amend the same accordingly and oblige.	To be amended as:- Should have four numbers of single/twin-casters 125mm or more dia with central locking facility.
			Midmark India Pvt. Ltd.	Should have four numbers of twin-casters 125 mm or more dia with central locking facility.	
			Paramount Bed India Pvt. Ltd.	Ideally its should single caster of 125 mm for better claeaning, good moment and better central locking and steering functions. Kindly	

Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
75	Specifications Point No. 15:	Should be provided with Foam Mattress of atleast 150mm thickness. The mattress could be sectioned or single type, and if the mattress is supplied in section, there should not be gaps in between sections. The foam should not absorb blood or any stain.	Benson Medical Equipments India Pvt. Ltd.	amend the same accordingly and oblige. In order to have good quality mattress, kindly add that the mattress should radiolucent, flame retardant, MRSA antibacterial treated. Thickness should be amended as 100 mm for better patient comfort and avoid slippage	To be amended as:- Should be provided with Foam Mattress of atleast 100mm thickness. The mattress could be sectioned or single type, and if the mattress is supplied in section, there should not be gaps in between sections. The foam should not absorb blood or any stain.
			Hospimedica International Ltd.	Should be provided with Foam Mattress of atleast 100-120mm thickness. The mattress could be sectioned or single type, and if the mattress is supplied in sections, there should not be gaps in between sections. The foam should not absorb blood or any stain. Reason:- As 120 mm is also suitable for patient safety and comfort.	
			Delhi Hospital Supply Pvt. Ltd.	Mattress is also designed for treating patients suffering from high degree risk of developing pressure ulcers. Mattress should have high weight capacity upto 230kg patient weight, should well adapted to the shape of the bed when positioning the patient. It should have washable and waterproof cover. The cover is sewn, made of breathable fabric that contains antibacterial ingredient. The zipper is located on long and short side.	
			Paramount Bed India Pvt. Ltd.	In order to have good quality mattress, kindly add that the mattress should radiolucent, flame retardant, MRSA antibacterial treated. Thickness should be amended as 100 mm for better patient comfort and avoid slippage	
			Rohanika	Should be provided with Foam Mattress of atleast 120mm thickness. The mattress could be sectioned or single type, and if the mattress is supplied in sections, there should not be gaps in between sections. The foam should not absorb blood or any stain. Please add the following: •The mattress covering must be removable by	

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Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
				zip lock & washable. •The mattress covering must be fire retardant, passed anti bacterial and ROHS tests. •The foam must be atleast dual layer or more having density of atleast 40kg/cubic meter and lower surface to density of 30kg/cubic meter.	
76	Specifications Point No. 16.1:	System Configuration Accessories, spares and consumables Foam Mattress of atleast 150mm thickness - 1 No	Benson Medical Equipments India Pvt. Ltd. Hospimedica International Ltd. Paramount Bed India Pvt. Ltd. Rohanika	Please amend thicknees as 100 mm due to reasons mentioned in above point 15. Foam Mattress of atleast 100-120mm thickness - 1 No Reason:- As 120 mm is also suitable for patient safety and comfort. Please amend thicknees as 100 mm due to reasons mentioned in above point 15. Foam Mattress of atleast 120mm thickness - 1 No	To be amended as:- System Configuration Accessories, spares and consumables Foam Mattress of atleast 100mm thickness - 1 No
77	Specifications Point No. 17.1:	Power Supply Power input to be 180-270 V AC, 50-60 Hz as appropriate, fitted with Indian plug with rechargeable battery backup of atleast 1 hour.	Benson Medical Equipments India Pvt. Ltd. Paramount Bed India Pvt. Ltd. Rohanika	We have voltage range of 100 to 240, hoope this will be acceptable and not be rejected because in indian only low volatge is an issue. We have voltage range of 100 to 240, hoope this will be acceptable and not be rejected because in indian only low volatge is an issue. Power input to be 180-270 V AC, 50-60 Hz as appropriate, fitted with Indian plug with rechargeable battery backup of atleast 15 days once charged fully. Remarks: Once the battery life is longer, there will be no need of manual CPR as Auto CPR will always be available.	To be amended as:- Power Supply Power input should be suitable for 230 V AC , 50 Hz power supply, fitted with Indian plug with rechargeable battery backup of atleast 1 hour
78	Specifications Point No. 18.1:	Standards and Safety Electrical safety conforms to standards for electrical safety IEC-60601-2- 52.	Benson Medical Equipments India Pvt. Ltd.	In case of beds please also add IEC -60601-1-2005 (Third Edtion) + CORR.1:2006+CORR.2:2007+AM1:2012, IEC60601-2-52 : 2009 (First Edition) for use with IEC 60601-1:2005 (Third Edition) and EN	No Change

Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
				60601-2006 + A12:2014, EN 60601-1-2 : 2007, EN60601-2-52:2010	
			Paramount Bed India Pvt. Ltd.	In case of beds please also add IEC -60601-1-2005 (Third Edition) + CORR.1:2006+CORR.2:2007+AM1:2012, IEC60601-2-52 : 2009 (First Edition) for use with IEC 60601-1:2005 (Third Edition) and EN 60601-2006 + A12:2014, EN 60601-1-2 : 2007, EN60601-2-52:2010	
			Rohanika	It conforms to the standard for electrical safety IEC – 60601-2-52	
79	Specifications Point No. 18.2:	Standards and Safety Should be USFDA or European CE approved product.	Rohanika	To be Deleted completely. ICU Bed are class II device hence the manufacturing plant must be covered by ISO-13485 &/or registered with US-FDA.	No Change
80	Specifications Point No. 18.4:	Standards and Safety Electric Shock Protection level- Class-B	Rohanika	It conforms to the standard for electrical safety IEC – 60601-2-52	No Change
81	Specifications Point No. 18.5:	Standards and Safety Electric Current Protection- Class -1	Rohanika	It conforms to the standard for electrical safety IEC – 60601-2-52	No Change
82	Specifications Point No. 18.6:	Standards and Safety Liquid Ingress protection :IP54	Benson Medical Equipments India Pvt. Ltd.	It should be IPX4 not IP54, kindly amend it accordingly.	No Change
			M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – To be amended as Liquid Ingress protection :IPX4	
			Paramount Bed India Pvt. Ltd.	It should be IPX4 not IP54, kindly amend it accordingly.	
83	Specifications Point No. 19.1:	Technical Specification for Bedside Locker Should be supplied with Bedside locker from the same manufacturer of Ward Bed, as per following specification.	BR Biomedical Pvt. Ltd.	Should be supplied with Bedside locker from the same manufacturer / Reputed Indian manufacturer of Ward Bed, as per following specification.	No Change

Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
84	Specifications Point No. 19.3:	Technical Specification for Bedside Locker Over all dimension should be atleast 400mm x 400mm x 820mm (L x W x H).	Benson Medical Equipments India Pvt. Ltd.	We have size as per international standard and practices which is 454mm x 469mm x 780 mm. Kindly amend your specifications suitably so that we can also participate with our product, which is being used worldwide	To be amended as:- Technical Specification for Bedside Locker Over all dimension should be atleast 400mm($\pm 15\%$) x 400mm ($\pm 15\%$)x 820mm ($\pm 15\%$) (L x W x H)
			Paramount Bed India Pvt. Ltd.	We have size as per international standard and practices which is 454mm x 469mm x 780 mm. Kindly amend your specifications suitably so that we can also participate with our product, which is being used worldwide	
85	Specifications Point No. 19.4:	Technical Specification for Bedside Locker Should have one drawer and one cabinet, both with locking facility.	Benson Medical Equipments India Pvt. Ltd.	Only cabinet is lockable as per international standard practice worldwide and drawer is never lockble for quick and easy access. You are requested to do the neccessary amendment accordingly and oblige.	No change
			Paramount Bed India Pvt. Ltd.	Only cabinet is lockable as per international standard practice worldwide and drawer is never lockble for quick and easy access. You are requested to do the neccessary amendment accordingly and oblige.	
86	Specifications Point No. 19.5:	Body should be made from 1mm (20G) MS sheet and top should be made of SS/ABS material.	M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – To be amended as- Body should be made from ABS/SS and top should be made of SS/ABS material.	To be amended as:- Body should be made from 1mm (20 G) MS sheet and top should be made of SS/ABS material or complete Bedside cabinet should be in ABS non-rusting material, washable.
			Rohanika	Body should be made from 1mm (20 G) MS sheet and top should be made of SS/ABS material or complete Bedside cabinet should be in ABS non-rusting material, washable. There should be extension surface & hanger for towel.	
87	Specifications Point No. 19.6:	Technical Specification for Bedside Locker Should have four swivel castors of atleast 50mm dia.with braking facility.	Benson Medical Equipments India Pvt. Ltd.	Please Expand the wheel size range 40 to 50 mm as 40 mm is worldwide standard practice being used.	To be amended as:- Technical Specification for Bedside Locker Should have four swivel castors of atleast 40mm dia.with braking facility.
			Paramount Bed India Pvt. Ltd.	Please Expand the wheel size range 40 to 50 mm as 40 mm is worldwide standard practice being used.	

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Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
88	Specifications Point No. 20.1:	Technical Specification for Overbed Table Should be supplied with Overbed table from the same manufacturer of Ward Bed, as per following specification.	BR Biomedical Pvt. Ltd.	Should be supplied with Over bed table from the same manufacturer / Reputed Indian manufacturer of Ward Bed, as per following specification.	No change
89	Specifications Point No. 20.3 :	Overall size of top should be atleast 800 mm L x 350 mm W.			To be amended as:- overall size of top should be atleast 800mm L x 350 mm W (±15%)
90	Specifications Point No. 20.4:	Technical Specification for Overbed Table Top should be Laminated/HPL material fitted on mild steel square tubular telescopic stem having Gas Spring height adjustment from.750mm to 1100mm.	Rohanika	Top (approx 800x450mm) should be Laminated/HPL /ABS material fitted on mild steel square tubular telescopic stem having Gas Spring height adjustment from 850 to 1100mm. Moving up without pressing any lever as well as moving down by gas spring & locking in the last position for further going down.	To be amended as:- Technical Specification for Overbed Table Top should be Laminated/HPL material fitted on mild steel square tubular telescopic stem having Gas Spring height adjustment from.750mm to 1100mm. (±15%)
91	Specifications Point No. 20.5:	Technical Specification for Overbed Table Base frame should be of mild steel rectangular tubular base frame mounted on four castors of atleast 50mm dia.	Benson Medical Equipments India Pvt. Ltd.	Please Expand the wheel size range 40 to 50 mm as 40 mm is worldwide standard practice being used.	To be amended as:- Technical Specification for Overbed Table Base frame should be of mild steel rectangular tubular base frame mounted on four castors of atleast 40mm dia.
			Paramount Bed India Pvt. Ltd.	Please Expand the wheel size range 40 to 50 mm as 40 mm is worldwide standard practice being used.	
			Rohanika	Base frame should be of mild steel/aluminium rectangular tubular base frame mounted on four castors of atleast 50mm dia.	
92	Specifications Point No. 20.6:	Technical Specification for Overbed Table Should be easily movable under the bed when patient is on Bed.	Rohanika	Should move upward when the patient / nurse moves the bed upward to prevent entrapment of the patient by mistake.	No change
Ward Bed (X-Ray Compatible) with Bedside Locker & Over Bed Table (Rfx no. 3000002837)					
93			Delhi Hospital Supply Pvt. Ltd.	As agreed upon in the pre-bid meeting by all, please include Ward Bed and Ward Bed (X-Ray Compatible) under separate Rfx no. instead common no 3000002837	No change

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Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
94	Specifications Point No. 2:	The system should be electrically operatable by embedded control panel placed in each side of the bed for adjustments of back rest, knee rest, heights, trendelenburg and reverse trendlenburg.	BR Biomedical Pvt. Ltd.	The system should be electrically operatable by embedded control panel / hand held wired remote control which can be placed in each side of the bed for adjustments of back rest, knee rest, heights, Trendelenburg and reverse Trendelenburg.	To be amended as:- The system should be electrically operatable by embedded control panel / hand held wired remote control which can be placed in each side of the bed for adjustments of back rest, knee rest, heights, Trendelenburg and reverse Trendelenburg.
95	Specifications Point No. 3:	Should be C-arm compatible. It should be having provision for carrying out whole body X-RAY at the bedside either by radiotranslucent table top or through bed mattress.	M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – Should be C-arm compatible – to be deleted.	To be amended as:- It should be having provision for carrying out whole body X-RAY at the bedside either by radiotranslucent table top or through bed mattress.
			Hitech Metal & Medical Equipments Pvt. Ltd.	X Ray radiotranslucence is required only in backrest ,not the entire bed .	
			Benson Medical Equipments India Pvt. Ltd.	Kindly amend this to as under so that most of the companies can participate : " Bed Head end surfcae upto pelvic level should be radiolucent with X Ray cassette holder, so that you can take upper body X-Rays in any manner including with C Arm. For rest of the body X Rays requireement is very very minimal however it can be achieved by means of inserting Cassette underneath patient baody and mattress being radiolucent can perform X Rays. We request you to do the meaningful amendent which is practically acheveable.	
			Midmark India Pvt. Ltd.	Should be x-ray compatible. It should be having provision for carrying out backrest X-Ray at the bedside either by radiotransluscent table top or through bed matress.	
			Paramount Bed India Pvt. Ltd.	Kindly amend this to as under so that most of the companies can participate : " Bed Head end surfcae upto pelvic level should be radiolucent with X Ray cassette holder, so that you can take upper body X-Rays in any manner including with C Arm. For rest of the body X Rays	

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Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
				requirement is very very minimal however it can be achieved by means of inserting Cassette underneath patient baody and mattress being radiolucent can perform X Rays. We request you to do the meaningful amendent which is practically acheveable.	
			Rohanika	Should be C-Arm compatible for full back rest, there should be facility to take X-ray of complete chest & lower abdominal area by inserting X-ray cassette under the mattress/X-ray tray from head side/or lateral sides.	
96	Specifications Point No. 7:	Should have digital indicators for angle display.	M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – To be amended as - Should have digital/Analog indicators for angle display.	To be amended as:- Should have digital / Analog indicators for angle display.
			Hospimedica International Ltd.	Should have digital/analog indicators for angle display. For wider participation of bidder.	
			Hitech Metal & Medical Equipments Pvt. Ltd.	Degree indicator should be non digital.	
			Benson Medical Equipments India Pvt. Ltd.	To the best of our knowledge this particular digital angle display is not a coomaon thing hence not available with anyone except may be a single make. Since you want to see the degree of inclation of the hesad side, which is commonly displayed by means of spirit level ball on outside of head side rails for care giver. You are requested to amend the specifications accordingly and oblige.	
			BR Biomedical Pvt. Ltd.	Should have digital / Analog indicators for angle display.	
			Delhi Hospital Supply Pvt. Ltd.	Should have digital or analogue (fluid tilt angle indicator) or both for angle display.	
			Paramount Bed India Pvt. Ltd.	To the best of our knowledge this particular digital angle display is not a coomaon thing	

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				hence not available with anyone except may be a single make. Since you want to see the degree of inclination of the head side, which is commonly displayed by means of spirit level ball on outside of head side rails for care giver. You are requested to amend the specifications accordingly and oblige.	
			Rohanika	Digital indicators/Mechanical indicator of backrest and angle of the bed during trendelenburg.	
97	Specifications Point No. 9.1	Bed position adjustments: Mattress platform height: 450 to 840mm ($\pm 10\%$)		Request – Should be amended as Mattress platform height: 320 to 760mm ($\pm 10\%$)	To be amended as:- Bed position adjustments: Mattress platform height: 450 to 840mm ($\pm 15\%$)
			Hospimedica International Ltd.	Mattress Platform height :- 450 to 800mm($\pm 10\%$) Reason : for wider participation.	
			Benson Medical Equipments India Pvt. Ltd.	Kindly amend this range to 350 mm to 700 mm so that we can also participate in the tender and this range is being used worldwide.	
			Paramount Bed India Pvt. Ltd.	Kindly amend this range to 350 mm to 700 mm so that we can also participate in the tender and this range is being used worldwide.	
98	Specifications Point No. 9.2 :	Back Rest: 0-65deg or more		Request – Back Rest: 0-62deg or more.	To be amended as:- Back Rest: 0-60deg or more
99	Specifications Point No. 9.3 :	Bed position adjustments: Knee Rest: 0-30deg or more		Request – Knee Rest: 0- 20deg or more.	To be amended as: Bed position adjustments: Knee Rest: 0- 20deg or more.
			Benson Medical Equipments India Pvt. Ltd.	Kindly amend this to 0 to 25 degree, it is important that knee moment should not to go beyond this failing which patient will feel a cramped position	
			Paramount Bed India Pvt. Ltd.	Kindly amend this to 0 to 25 degree, it is important that knee moment should not to go beyond this failing which patient will feel a cramped position	
100	Specifications Point No. 10 :	Should have battery backup of atleast 1 hour.	Rohanika	Should have battery backup of atleast 15 days once charged fully. Remarks: Once the battery life is longer, there	No Change

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Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
				will be no need of manual CPR as Auto CPR will always be available.	
			Hospimedica International Ltd.	Should Have battery back up for at least 25 -30 adjustment in case of power failure. Reasons :- As mentioning duration is a ambiguous terms and as battery is not delpleted until & unless adjustment is made.	
101	Specifications Point No. 11 :	Should have Patient Working Load of minimum 200 kg.		Request – To be amended as should have Safe Working Load of minimum 180Kgs or more.	To be amended as: Should have Patient Working Load of minimum 180 kg.
			Benson Medical Equipments India Pvt. Ltd.	You will see that most of the manufactureres specially international manufacturers will write this as safe working laod which means as patient weight load, under the circunstances please amend these two points 10 and 11 to 230 Kg patient / safe working load and oblige.	
			Paramount Bed India Pvt. Ltd.	You will see that most of the manufactureres specially international manufacturers will write this as safe working laod which means as patient weight load, under the circunstances please amend these two points 10 and 11 to 230 Kg patient / safe working load and oblige.	
102	Specifications Point No. 12 :	Should have Safe Working Load of minimum 250 kg.	Paramount Bed India Pvt. Ltd.	You will see that most of the manufactureres specially international manufacturers will write this as safe working laod which means as patient weight load, under the circunstances please amend these two points 10 and 11 to 230 Kg patient / safe working load and oblige.	To be amended as: Should have Safe Working Load of minimum 180 kg.
103	Specifications Point No. 13:	Should have four numbers of twin-casters 150mm or more dia with central locking facility.	Benson Medical Equipments India Pvt. Ltd.	Ideally its should single caster of 125 mm for better claeaning, good moment and better central locking and steering functions. Kindly amend the same accordingly and oblige.	To be amended as: Should have four numbers of single/twin-casters 125mm or more dia with central locking facility.
			Midmark India Pvt. Ltd.	Should have four numbers of twin-casters 125 mm or more dia with central locking facility.	
			Paramount Bed India Pvt. Ltd.	Ideally its should single caster of 125 mm for better claeaning, good moment and better	

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Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
				central locking and steering functions. Kindly amend the same accordingly and oblige.	
104	Specifications Point No. 16:	Should be provided with Foam Mattress of atleast 150mm thickness. The mattress could be sectioned or single type, and if the mattress is supplied in section, there should not be gaps in between sections. The foam should not absorb blood or any stain.	Benson Medical Equipments India Pvt. Ltd.	In order to have good quality mattress, kindly add that the mattress should radiolucent, flame retardant, MRSA antibacterial treated. Thickness should be amended as 100 mm for better patient comfort and avoid slippage	To be amended as: Should be provided with Foam Mattress of atleast 100mm thickness. The mattress could be sectioned or single type, and if the mattress is supplied in section, there should not be gaps in between sections. The foam should not absorb blood or any stain.
			Hospimedica International Ltd.	Should be provided with Foam Mattress of atleast 100-120mm thickness. The mattress could be sectioned or single type, and if the mattress is supplied in sections, there should not be gaps in between sections. The foam should not absorb blood or any stain. Reason:- As 120 mm is also suitable for patient safety and comfort.	
			Delhi Hospital Supply Pvt. Ltd.	Mattress is also designed for treating patients suffering from high degree risk of developing pressure ulcers. Mattress should have high weight capacity upto 230kg patient weight, should well adapted to the shape of the bed when positioning the patient. It should have washable and waterproof cover. The cover is sewn, made of breathable fabric that contains antibacterial ingredient. The zipper is located on long and short side.	
			Paramount Bed India Pvt. Ltd.	In order to have good quality mattress, kindly add that the mattress should radiolucent, flame retardant, MRSA antibacterial treated. Thickness should be amended as 100 mm for better patient comfort and avoid slippage	
			Rohanika	Should be provided with Foam Mattress of atleast 120mm thickness. The mattress could be sectioned or single type, and if the mattress is supplied in sections, there should not be gaps in between sections. The foam should not absorb blood or any stain. Please add the following:	

Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
				<ul style="list-style-type: none"> •The mattress covering must be removable by zip lock & washable. •The mattress covering must be fire retardant, passed anti bacterial and ROHS tests. •The foam must be atleast dual layer or more having density of atleast 40kg/cubic meter and lower surface to density of 30kg/cubic meter. 	
105	Specifications Point No. 16.1:	System Configuration Accessories, spares and consumables Foam Mattress of atleast 150mm thickness - 1 No	Benson Medical Equipments India Pvt. Ltd. Hospimedica International Ltd. Paramount Bed India Pvt. Ltd. Rohanika	Please amend thicknees as 100 mm due to reasons mentioned in above point 15. Foam Mattress of atleast 100-120mm thickness - 1 No Reason:- As 120 mm is also suitable for patient safety and comfort. Please amend thicknees as 100 mm due to reasons mentioned in above point 15. Foam Mattress of atleast 120mm thickness - 1 No	To be amended as: System Configuration Accessories, spares and consumables Foam Mattress of atleast 100mm thickness - 1 No
107	Specifications Point No. 17.1:	Power Supply Power input to be 180-270 V AC, 50-60 Hz as appropriate, fitted with Indian plug with rechargeable battery backup of atleast 1 hour.	Benson Medical Equipments India Pvt. Ltd. Paramount Bed India Pvt. Ltd. Rohanika	We have voltage range of 100 to 240, hoope this will be acceptable and not be rejected because in indian only low volatge is an issue. We have voltage range of 100 to 240, hoope this will be acceptable and not be rejected because in indian only low volatge is an issue. Power input to be 180-270 V AC, 50-60 Hz as appropriate, fitted with Indian plug with rechargeable battery backup of atleast 15 days once charged fully. Remarks: Once the battery life is longer, there will be no need of manual CPR as Auto CPR will always be available.	To be amended as: Power Supply Power input should be suitable for 230 V AC, 50 Hz power supply , fitted with Indian plug with rechargeable battery backup of atleast 1 hour
108	Specifications Point No. 18.1:	Standards and Safety Electrical safety conforms to standards for electrical safety IEC-60601-2- 52.	Benson Medical Equipments India Pvt. Ltd.	In case of beds please also add IEC -60601-1-2005 (Third Edition) + CORR. 1:2006+CORR.2:2007+AM1:2012, IEC60601-2-52 : 2009 (First Edition) for use with	No Change

Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
				IEC 60601-1:2005 (Third Edition) and EN 60601-2006 + A12:2014, EN 60601-1-2 : 2007, EN60601-2-52:2010	
			Paramount Bed India Pvt. Ltd.	In case of beds please also add IEC -60601-1-2005 (Third Edition) + CORR.1:2006+CORR.2:2007+AM1:2012, IEC60601-2-52 : 2009 (First Edition) for use with IEC 60601-1:2005 (Third Edition) and EN 60601-2006 + A12:2014, EN 60601-1-2 : 2007, EN60601-2-52:2010	
			Rohanika	It conforms to the standard for electrical safety IEC – 60601-2-52	
109	Specifications Point No. 18.2:	Standards and Safety Should be USFDA or European CE approved product.	Rohanika	To be Deleted completely. ICU Bed are class II device hence the manufacturing plant must be covered by ISO-13485 &/or registered with US-FDA.	No Change
110	Specifications Point No. 18.4:	Standards and Safety Electric Shock Protection level-Class-B	Rohanika	It conforms to the standard for electrical safety IEC – 60601-2-52	No Change
111	Specifications Point No. 18.5:	Standards and Safety Electric Current Protection-Class -1	Rohanika	It conforms to the standard for electrical safety IEC – 60601-2-52	No Change
112	Specifications Point No. 18.6:	Liquid Ingress protection :IP54		Request – To be amended as Liquid Ingress protection :IPX4	No Change
			Benson Medical Equipments India Pvt. Ltd.	It should be IPX4 not IP54, kindly amend it accordingly.	
			Paramount Bed India Pvt. Ltd.	It should be IPX4 not IP54, kindly amend it accordingly.	
113	Specifications Point No. 19.1:	Technical Specification for Bedside Locker Should be supplied with Bedside locker from the same manufacturer of Ward Bed, as per following specification.	BR Biomedical Pvt. Ltd.	Should be supplied with Bedside locker from the same manufacturer / Reputed Indian manufacturer of Ward Bed, as per following specification.	No Change

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Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
114	Specifications Point No. 19.3:	Technical Specification for Bedside Locker Over all dimension should be atleast 400mm x 400mm x 820mm (L x W x H).	Benson Medical Equipments India Pvt. Ltd.	We have size as per international standard and practices which is 454mm x 469mm x 780 mm. Kindly amend your specifications suitably so that we can also participate with our product, which is being used worldwide	To be amended as: Technical Specification for Bedside Locker Over all dimension should be atleast 400mm($\pm 15\%$) x 400mm ($\pm 15\%$)x 820mm ($\pm 15\%$) (L x W x H)
			Paramount Bed India Pvt. Ltd.	We have size as per international standard and practices which is 454mm x 469mm x 780 mm. Kindly amend your specifications suitably so that we can also participate with our product, which is being used worldwide	
115	Specifications Point No. 19.5:	Body should be made from 1mm (20G) MS sheet and top should be made of SS/ABS material.		Request – To be amended as- Body should be made from ABS/SS and top should be made of SS/ABS material.	To be amended as: Body should be made from 1mm (20 G) MS sheet and top should be made of SS/ABS material or complete Bedside cabinet should be in ABS non-rusting material, washable. There should be extension surface & hanger for towel.
			Rohanika	Body should be made from 1mm (20 G) MS sheet and top should be made of SS/ABS material or complete Bedside cabinet should be in ABS non-rusting material, washable. There should be extension surface & hanger for towel.	
116	Specifications Point No. 19.6:	Should have four swivel castors of atleast 50mm dia.with braking facility.	Benson Medical Equipments India Pvt. Ltd.	Please Expand the wheel size range 40 to 50 mm as 40 mm is worldwide standard practice being used.	To be amended as: Technical Specification for Bedside Locker Should have four swivel castors of atleast 40mm dia. with braking facility.
			Paramount Bed India Pvt. Ltd.	Please Expand the wheel size range 40 to 50 mm as 40 mm is worldwide standard practice being used.	
117	Specifications Point No. 20.1:	Technical Specification for Overbed Table Should be supplied with Overbed table from the same manufacturer of Ward Bed, as per following specification.	BR Biomedical Pvt. Ltd.	Should be supplied with Over bed table from the same manufacturer / Reputed Indian manufacturer of Ward Bed, as per following specification.	No change
118	Specifications Point No. 20.3 :	Overall size of top should be atleast 800 mm L x 350 mm W.			To be amended as: overall size of top should be atleast 800mm L x 350 mm W ($\pm 15\%$)

Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
119	Specifications Point No. 20.4:	Technical Specification for Overbed Table Top should be Laminated/HPL material fitted on mild steel square tubular telescopic stem having Gas Spring height adjustment from.750mm to 1100mm.	Rohanika	Top (approx 800x450mm) should be Laminated/HPL /ABS material fitted on mild steel square tubular telescopic stem having Gas Spring height adjustment from 850 to 1100mm. Moving up without pressing any lever as well as moving down by gas spring & locking in the last position for further going down.	To be amended as:- Technical Specification for Overbed Table Top should be Laminated/HPL material fitted on mild steel square tubular telescopic stem having Gas Spring height adjustment from.750mm to 1100mm.(±15%)
120	Specifications Point No. 20.5:	Technical Specification for Overbed Table Base frame should be of mild steel rectangular tubular base frame mounted on four castors of atleast 50mm dia.	Benson Medical Equipments India Pvt. Ltd.	Please Expand the wheel size range 40 to 50 mm as 40 mm is worldwide standard practice being used.	To be amended as: Technical Specification for Overbed Table Base frame should be of mild steel rectangular tubular base frame mounted on four castors of atleast 40mm dia.
			Paramount Bed India Pvt. Ltd.	Please Expand the wheel size range 40 to 50 mm as 40 mm is worldwide standard practice being used.	
			Rohanika	Base frame should be of mild steel/ aluminium rectangular tubular base frame mounted on four castors of atleast 50mm dia.	
121	Specifications Point No. 20.6:	Technical Specification for Overbed Table Should be easily movable under the bed when patient is on Bed.	Rohanika	Should move upward when the patient / nurse moves the bed upward to prevent entrapment of the patient by mistake.	No change
122	Added Para	Bed should also have the facility to achieve Preprogram position for cardiological chair, fowler position, examination position, anti-shock position by using single button on controller	BR Biomedical Pvt. Ltd.	This feature allows achieving frequently used positions quickly using single switch without making many adjustments	No change

Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
Wheel Chair (Rfx no. 3000002829)					
123	Specifications Point No. 15:	Manufacturer should be ISO 9001 certified and should have ISO 13485 certification for quality standards.	Consolidated Products Corporation	As ISO 13485 is a certification required for Medical devices and our principals are based in France where ISO 13485 is not mandatory for Wheelchairs, the same is not available with our principals.	To be amended as: Manufacturer should be ISO 9001 certified
Examination Couch (Rfx no. 3000002827)					
124	Specifications Point No. 8:	Backrest angle: 0 - 60 deg or more.	Midmark India Pvt. Ltd.	Backrest angle: 0 - 60 deg or more with minimum 30 deg down (for emergency head down postion).	No Change
Attendant Bed cum Chair (Rfx no. 3000002831)					
125	Specifications Point No. 12:	It shall have bottom tray with 650 mm L x 325 mm W made frame x 0.9 mm (20 G) CRCA MS sheet with uniformly spaced holes.	Delhi Hospital Supply Pvt. Ltd.	Preferably it should have bottom tray	No change
126	Page no 49 Point 16	Manufacturer should be ISO 9001 certified and should have ISO 13485 certification for quality standards.			To be amended as: Manufacturer should be ISO 9001 certified
Dressing Trolley with bowl and bucket (Rfx no. 3000002828)					
127	Page no 46 Point 10	Manufacturer should be ISO 9001 certified and should have ISO 13485 certification for quality standards.			To be amended as: Manufacturer should be ISO 9001 certified

Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
Foot Step (Double) (Rfx no. 3000002830)					
128	Page no 48 Point 6	Manufacturer should be ISO 9001 certified and should have ISO 13485 certification for quality standards.			To be amended as: Manufacturer should be ISO 9001 certified
Revolving Stool – with Wheels (50 Nos.) and without wheels (170 Nos.) (Double) (Rfx no. 3000002832)					
129	Page no 50 Point 9	Manufacturer should be ISO 9001 certified and should have ISO 13485 certification for quality standards.			To be amended as: Manufacturer should be ISO 9001 certified
Oxygen Trolley (Rfx no. 3000002833)					
130	Page no 51 Point 6	Manufacturer should be ISO 9001 certified and should have ISO 13485 certification for quality standards.			To be amended as: Manufacturer should be ISO 9001 certified
Instrument trolley – Large (40 Nos.), Medium (30 Nos.) and Small (30 Nos.) (Rfx no. 3000002834)					
131	Page no 52 Point 7	Manufacturer should be ISO 9001 certified and should have ISO 13485 certification for quality standards.			To be amended as: Manufacturer should be ISO 9001 certified
Medicine Storage and dispensing Trolley(Rfx no.3000002835)					
132	Page no 53 Point 7	Manufacturer should be ISO 9001 certified and should have ISO 13485 certification for quality standards.			To be amended as: Manufacturer should be ISO 9001 certified

Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
Commercial Issues					
133	SECTION – VIII QUALIFICATION CRITERIA		Jolly Technocrats	We would request you to please make the SECTION – VIII QUALIFICATION CRITERIA to be more flexible to ensure wider participation from Indian/Foreign manufacturers.	It is clarified that Qualification Criteria is applicable to Indian or Foreign bidder(s) who may be either Manufacturer or Authorised Agent
134	SECTION – VIII QUALIFICATION CRITERIA Clause No. 2	The bidder should have supplied and installed similar furniture item as mentioned in list of items, meeting major parameters of technical specification which is functioning satisfactorily of the following quantity in last Five years from the date of Bid Opening, a. One single order covering at least 80% of the tendered quantity. Or b. Two single orders covering at least 50% in each order of the tendered quantity. Or c. Three single orders covering at least 40% in each order of the tendered quantity.	Rohanika	The bidder should have supplied and installed similar furniture item as mentioned in list of items, meeting major parameters of technical specification which is functioning satisfactory of the following quantity in last Ten years from the date of bid opening. -One single order covering at least 50% of the tendered quantity. -Two single order covering at least 25% of the tendered quantity. -Three single order covering at least 20% of the tendered quantity.	To be amended as: The bidder should have supplied and installed similar furniture item as mentioned in list of items, meeting major parameters of technical specification for at least 80% of the tendered quantity (cumulative quantity) during last Five years from the date of Bid Opening, which is/are functioning satisfactorily
			M/s.Arjo Huntleigh Healthcare India Pvt.Ltd	Request – To be amended as- Bidder/ Manufacturer experience should be taken into consideration meeting major parameters of technical specification which is functioning satisfactorily of the following quantity in last 5 years from the date od bid opening.	Only bidder's experience is required.
			Benson Medical Equipments India Pvt. Ltd.	You are requested to amend 5 years experience to 10 years experience, so that we as bidder and distributor of "Paramount Bed" can bid this tender to comply with your eligibility quantity requirement. Or Allow the bidder to use manufacturer's experience certificates to meet with your	Only bidder's experience is required. No change considered other than changes recommended at Sl. No. 02 above.

Sl. No.	Ref. to the Bidding Document	Specification/Clauses in the Bidding Document	Name of Firms	Queries/clarifications asked by Firms	Recommendations/ replies by the Committee
				required quantity eligibility criteria, as you know that the manufacturer does not bid government tenders directly because of government tenders payment terms and other tender requirement, which cannot be fulfilled by them and also as company policy they do not sell directly.	
			Delhi Hospital Supply Pvt. Ltd.	The Bidder / OEM (ORIGINAL EQUIPMENT MANUFACTURER) OR OLD AUTHORIZED DISTRIBUTOR OF OEM should had supplied and installed similar furniture item as mentioned in list of items, meeting major parameters of technical specification which is functioning satisfactorily of the following quantity in last Five years from the date of Bid Opening, a. One single order covering at least 80% of the tendered quantity. or b. Two single orders covering at least 50% in each order of the tendered quantity. or c. Three single orders covering at least 40% in each order of the tendered quantity.	Only bidder's experience is required. No change considered other than changes recommended at Sl. No. 02 above.
135	Page 16 Clause No. 19.2	The bidders who are currently registered with MSME for the specific goods as per bidding document specification shall be eligible for exemption from Bid Security as defined in MSE Procurement Policy issued by the department of MSME. In case the bidder falls in this category, the bidder shall enclose relevant certificate of registration issued by department of MSME.	Benson Medical Equipments India Pvt. Ltd.	The Government of India wants to promote National Small industries sector and hence has formulated a policy to exempt NSIC registered companies to pay EMDs in participation of tenders. You are requested to extend the exemption to NSIC registered bidders.	As per MSME guidelines and NSIC Single Point Registration Scheme (SPRS), EMD exemption will be permitted to those bidders who are registered as manufacturer. 'Traders' will not be exempted from Bid-Security.

Handwritten notes:
 New Clause Skema

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