

ADMINISTRATION OF DAMAN AND DIU,
O/o. THE MEDICAL SUPERINTENDENT,
GOVERNMENT HOSPITAL, DAMAN

No.GHD/E-TENDER/2016-2017/628

Dated: - 17/08/2016.

E-TENDER (ON LINE) NOTICE

The Medical Superintendent, Government hospital, Daman on behalf of President of India, invites tender for following item through on-line on <http://daman.nprocure.com> from the manufacturer / Authorized Dealers / Suppliers having valid Documents. The tender notice also available on www.nic.daman.in

Sr. No.	Description of Items	Estimated cost	EMD (in the form of FDR)	Tender Fees (Non-refundable)
1	Purchase of “Physiotherapy Instruments/Equipments” for Government Hospital, Daman As per “Annexure-A”	Rs. 35,00,000/-	Rs. 1,05,000/-	Rs.5000/-
Last date of downloading of on line tender documents : Upto 09/09/2016 by 12.00 hours.				
Last date of Submission of Tender bid in hard copy : Upto 09/09/2016 by 13.00 Hours.				
Last date of submission of online tender document : Upto 09/09/2016 by 15.00 hours				
Opening of Technical Bid submitted in hard copy : On 09/09/2016 by 15.30 hours				
On line opening of Price Bid : If possible on 09/09/2016 at 17.00 hours				
Bidders have to submit price bid in Electronic Format only on www.nprocure.com till the last date and time for submission. Price Bid in physical format shall not be accepted in any case.				
Submission of tender fees in the form of DD, EMD in the form of DD/FDR of Nationalized Bank and other supporting documents i.e. copy of valid licence from competent authority, copy of VAT/ST/ Registration and copy of PAN/TAN of Income Tax etc., and terms and conditioned duly signed in hard copy as well as online to the undersigned by RPAD/Speed Post / by hand on or before 09/09/2016 upto 13.00 hours , however, Tender Inviting Authority shall not be responsible for any postal delay.				
The tender inviting authority reserves the right to accept or reject any or all the tenders to be received without assigning any reasons thereof.				
Bidders shall have to post their queries on E-Mail address : ddmssu.idsp@nic.in on or before dated 09/09/2016 upto 10.30 hours.				
In case bidder needs any clarification or if training required for participating in online tender, they can contact the following office. “(n) Code Solution – A division, GNFC Ltd.”, 403, GNFC Info Tower, Bodakdev, Ahmedabad-380054, Gujarat (India). E-Mail-nprocure@ncode.in Fax: + 917926857321 Website : www.nprocure.com				

(Dr. Shailesh Arlekar)
I/C. Medical Superintendent,
Government Hospital, Daman

ADMINSTRATION OF DAMAN AND DIU,
O/o. THE MEDICAL SUPERINDENDENT,
GOVERNMENT HOSPITAL, DAMAN

No.GHD/E-TENDER/2016-2017/628

Dated: - 17/08/2016.

**TERMS AND CONDITIONS FOR SUPPLY AND INSTALLATION OF
“Physiotherapy Instruments / Equipments”
FOR GOVERNMENT HOSDPITAL, DAMAN**

1.	The rate(s) quoted should be strictly for free delivery F.O.R. at Government hospital, Daman and will be valid and operative for supply orders issued for one year from the date of invitation of tenders and inclusive of all Taxes, installation & commissioning charges.	
2.	All Taxes/ Duties/ Royalties charges payable on sales/transport etc. within and / or outside the UT / State shall be payable by the supplier.	
3.	No extra charge for packing, forwarding and insurance etc. will be paid on the rates quoted.	
4.	The rates should be quoted only for the items specified in the list of requirement and should be for the items of given special mark / manufacture.	
5.	Rates quoted for items other than required specification/mark/manufacture may not be considered. However, indigenous manufactures may quote their own makes provided the specifications/mark/manufacture.	
6.	Where specification / mark/ manufacture are not specifying by this office, the rates should be quoted only for the first class and standard quality only.	
7.	The tenderer should specify the name of the manufacturer for the item quoted by him along with catalogue of the item.	
8.	The decision of the E-Tender Inviting Officer for acceptance/rejection of SUPPLY AND INSTALLATION OF “Physiotherapy Instruments / Equipments” supplied including the decision for equivalent specifications, standard and quality etc. shall be final.	
9.	The tenderer should send in advance or enclose along with technical bid an amount of Rs.1,05,000/- as Earnest Money Deposit in form of Demand Draft / F.D.R. of any Schedule Bank payable at Daman in favour of the officer inviting tender i.e. Medical Superintendent, Government Hospital, Daman The EMD submitted other than form mentioned above will not be accepted. Tender received without Earnest Money Deposit will be summarily rejected.	
10.	(a)	The successful tenderer will have to pay Performance Guaranty within 10 days from the date of demand, an amount equal 10% of the total value of supply order.
	(b)	Non-receipt of Performance Guaranty within stipulated time limit will result in automatic cancellation of the order for supply without any intimation.
	(c)	However in case if any articles are received for which the Performance Guaranty may not have been deposited, the full Performance Guaranty as may be due from the supplier will be recovered from the bills for such articles.
11.	The amount of Earnest Money paid by the successful Tenderer(s) will be adjusted against the amount of Performance Guaranty to be paid by the successful tenderer(s) as per condition No. 10 above.	
12.	All bills for amount above Rs.5000/- should be pre-receipted on a Revenue Stamp of proper value. Bills for amount exceeding Rs.5000/- not pre-receipted on Revenue Stamp of proper value will not be accepted for payment.	
13.	Each bill in which Sales Tax/Vat is charged must contain the following certificate on the body of the bill. "CERTIFIED that the goods on which Sales Tax/VAT has been charged have not been exempted under the VAT/ Central Sale Tax Act or the Rules made there under and the amount charged on account of VAT/Sales Tax on these goods is not more than what is payable under the provisions of relevant	

	Act or Rules made there under".	
14.	The right to accept or reject without assigning any reasons or all tenders in part or whole is reserved with the E-Tender Inviting Officer and his decision(s) on all matters relating to acceptance or rejection of the tenders as a whole or in part will be final and binding to all.	
15.	If the tenderer whose tender is accepted, fails to execute the supply order within stipulated time the Earnest Money Deposit of such tenders will stand forfeited to the Government.	
16.	In case, the supplier does not execute the supply order placed with him, the EMD of the supplier will be forfeited to the Government and the contract for the supply shall terminated with no further liabilities on either party to the contract.	
17.	No separate agreement will be required to be signed by the successful tender(s) for the purpose of this contract for supply. Rates tendered/offered in response to the concerned Tender Notice shall be considered as acceptance of all above terms and conditions for supply for all legal purpose.	
18.	The E-Tender should be neatly typed only on letterhead carry the name of supplier and the signature of the tenderer. No overwriting correction or erasures will be considered.	
19.	The rates quoted should be inclusive of all taxes and charges as applicable.	
20.	All bills should be in TRIPLICATE and should invariably mention the number and date of supply order.	
21.	The Tenders and financial bid should be submitted online on www.nprocure.com in two bid system.	
22.	Orders once placed should be delivered within the given time period and item should be door delivered.	
23.	No extra charge for packing, forwarding and insurance etc. will be paid on the rates quoted.	
24.	The rates should be quoted only for the items specifies in the list of requirement and should be for the items of given special mark/manufacture only.	
25.	Rates quoted for items other than the required specification / mark / manufacture will not be considered.	
26.	The amount of Earnest Money paid by the tenderer(s) whose tenders are not accepted will be refunded to them.	
27.	Only on satisfactory completion of the supply order for and on payment of all bills of the supplier, as to be admitted for payment, the amount of Performance Guaranty/Earnest Money will be refunded after expiry of guarantee/warranty period, if any, or any such date/period as may be mutually agreed upon	
28.	The E-tender inviting officer will consider extension of time for remitting the Performance Guaranty as demanded. However, in case of denial to consider such extension the supplier is bound to abide by the limit given and liable to make good any loss to the Government on account of his failure to abide by the time limit.	
29.	(a)	Railway Receipt or other transport document should be drawn in favor of the Officer Inviting Tenders.
	(b)	Railway Receipt or other transport document should not be send by V.P.P. or through any Bank as this being a Government Office it is not possible to clear cash demands of Post Office/Bank for delivery of R.R. or other transport documents unless we have agreed to it as a special arrangements.
	(c)	Railway Receipt or transport receipt should be sent to this Office by Registered Post immediately on dispatch of goods from dispatching end.
30.	The supplies of “Physiotherapy Instruments / Equipments” of inferior quality standard or of different specifications, doses/content, brand, manufacturer etc. other than that ordered specified and/or incomplete or broken articles will not be accepted. The supplier has to replace the same at his own cost and risk. Intimation of non-acceptance of any “Physiotherapy Instruments / Equipments” will be sent to the supplier within 10 days from the date of receipt of the stores and the same will be returned to the supplier at his own cost and risk, if he so desires and intimates accordingly within 15 days from the date of dispatch of intimation of the non-acceptance. However, if no communication is received within 15 days from the date of communication the tender Inviting Officer will not be responsible for any damage, loss etc. of such rejected articles.	

31.	In case of failure to replace the accepted and rejected articles from supplies made, as mentioned in the conditions, the loss undergone by the Government will be recovered from the suppliers Performance Guaranty or payment due of any bill(s) to the extent required.
32.	In case of failure to SUPPLY of “Physiotherapy Instruments / Equipments” ordered for, as per conditions and within the stipulated time, the same will be obtained from the tenderer who offered next higher rates or from any other sources, as may be decided by the tender inviting Officer and the loss to the Government on account of such purchases(s) shall be recovered from the former suppliers Performance Guaranty/Earnest Money or bills payable. The suppliers shall have no any right to dispute with such procedure.
33.	Extension of time limit for supplies shall be consider by the Tender Inviting Officer. The extension so granted may be with levy of compensation for delay in execution of supply order up to 5% of the cost of supplies ordered for at the discretion of the authority competent to grant extension of time limit provided such request is made well in time, depending upon the circumstances and such decision in the matter will be final.
34.	Demurrage charges paid by the E-Tender Inviting Officer on account of delayed receipt of dispatch documents intimation will be recovered from the bills payable to the supplier.
35.	If at any time after the order for SUPPLY AND INSTALLATION “Physiotherapy Instruments / Equipments” the E-Tender Inviting Officer shall for any reason whatsoever not require the whole or part of the quantity thereof as specified in the order the tender Inviting Officer shall give notice in writing of the fact to the supplier(s) who shall have no claim to any payment of compensation what so ever on account of any profit or advantage which the supplier(s) might have derived from the supply of articles in full, but which did not derive in consequence of the full quantity of articles not having been purchased, nor shall have any claim for compensation by reasons of any alterations having been made in the original instructions which shall invoice any curtailment of the supply originally contemplated.
36.	Rates should be quoted as per the forms prescribed by the department and as per the requirement asked for.
37.	The Earnest Money(s)/ Performance Guaranty(s) paid by the tender(s) earlier against any tender(s) or supply order(s) is/are not adjustable with Earnest Money or Performance Guaranty required by these conditions.
38.	The Tenders/offers received do not confirm with the terms and conditions of this office will be summarily rejected. If any firm desires to consider exemption from payment of Earnest Money Deposit, certified copies of its Registration with D.G.S. & D. should be attached to their tenders.
39.	Supplier may ensure the goods at his own cost to safeguard the delivery of such goods dispatched by him to the consignee, the department will not be responsible for the damage or pilferage of goods during transit.
40.	The tenderer should attached Scanned copies of Certificate from the respective manufacture company indicating your firm as authorized dealer/supplier for their product, certificate of experience in the field of supply of “Physiotherapy Instruments / Equipments” valid license, proof of fulfilling the norms of USFDA/ISI/ISO/WHO/GMP, CE Certified specification if any, copy of dealership letter, licence for import, PAN No, Sales Tax No, copy of Annual Turnover for more than Rs.10,50,000/-- during last 3 years up to 31/03/2016 with his/their tender. It may please be noted that the tender received without document referred above shall not be considered.
41.	<u>The last date of downloading of on-line tender documents is up to 09/09/2016 by 12.00 hours. The last date of submission of on-line tender documents is up to 09/09/2016 by 15.00 hours on line opening of price bid is possible is on 09/09/2016 at 16.00 hours. The Bidder have to submit price bid in Electronic format only on. Till the last date and time for submission. Price bid is physical format shall not be accepted in any case.</u>

42.	Rates quoted should be for SUPPLY AND INSTALLATION “Physiotherapy Instruments / Equipments” inclusive of all charges, Taxes, etc. to be install at Government Hospital, Daman.
43.	The tender fee must be enclosed in demand draft in favour of undersigned with the tender documents.
44.	AMC: The rates of Annual Maintenance Contract (AMC) should be for the period of three years from the expiry of Guarantee / Warranty period of one year and should written separately in the Financial bid year-wise. The decision to accept the tender with or without AMC is reserve with the Purchase Committee.
45.	The tenderers should give the guaranty / warranty for the period of not less than one year from the date of installation against any manufacturing defect.
46.	The tenderer may be called for a sample / demonstration of the items quoted for which they will be informed one week in advance for arranging the necessary sample / demonstration in the hospital on a suitable date and time failing which the tender will be rejected.
47.	The tenderers shall be bound to give assurance for undertaking the Annual Maintenance Contract after expiry of guarantee / warranty period.
48.	The successful tenderers shall be bound to provide training if any required without any extra charges during commissioning.
49.	The successful tenderers should install and commissioning the equipment at the site suggested by the office.
50.	The tendered quantity is tentative and the actual purchase can be 15% less or more than the quantity put to tender for all items and the tenderer is bond to supply such requirement without any demur.
51.	The tendering firm must be registered with the Sales Tax/ VAT department and a copy of their registration under the Sales Tax/ VAT bearing the TIN Number be provided.
52.	The Tender should give the guaranty/warranty for the period of not less than one year from the date of installation against any manufacturing defect.
53.	The terms and conditions dully accepted and signed by the tenderer should attached with the Technical Bid.
54.	The Financial Bid has to filled in on line on www.nprocure.com
55.	Tender should furnished a non black listed certificate that the firm has not been black listed in the past by any Government/private institution that there is no vigilance / CBI case against the firms supplier and the firm has not been blacklisted in the past by any Government or private organization, the tenderers should be attached an undertaking. (Annexure-I)
56.	The bidder should not have quoted price lower than quoted in this tender to any Govt./Semi Govt./public sector undertaking, bidder should enclosed affidavit to that effect on a non judicial stamp paper of Rs.20/-
57.	The Technical Bid of the bidders will be opened first and the Financial Bid will be opened only of the bidders whose Technical Bid is accepted / qualified.

Signature & Designation of
Tender Inviting Officer

(Dr. Shailesh Arlekar)
I/C Medical Superintendent,
Government Hospital, Daman

The above terms and conditions are accepted and are binding to me / us.

Place :

Signature of Tenderers
Name of Tenderers with seal
of the firm

Dated :

NOTE: Please return one copy of these terms and conditions dully sign with seal of firm along with the tender.

ANNEXURE – I

(to be submitted on the letter head of the company/firm)

I hereby certify that the above firm has not been ever blacklisted by any Central/State Government/Public Undertaking/Institution on any account.

I also certify that the above information is true and correct in any every respect and in any case at a letter date it is found that any details provided above are incorrect, any contract given to the above firm may be summarily terminated and the firm blacklisted.

I also certify that firm will supply the item as per the specifications given by institution and also abide all the terms and conditions stipulated in tender.

Date:
Place:

Name:
Business Address:
Signature Bidder:
Seal of Bidder:

**ADMINISTRATION OF DAMAN AND DIU,
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**E- TENDER NOTICE No.GHD/ DMN/E-TENDER/2016-2017/628
Dated:17/08/2016**

ELIGIBILITY PARAMETERS.

1.	Name of the Organization	
2.	Postal Address	
3.	Telephone / Fax / Mobile No. of the Organization / Firm.	
4.	Status of the Organization/Firm (whether Private or Public Sector undertaking or Sole Proprietor or Partnership or co-operative society etc.) The tender should attach a resolution passed by the Executive Body authorizing the specific officer / partner for signing the documents.	
5.	Certificate from the respective manufacture company indicating your firm as authorized dealer/supplier for their product	
6.	Certificate of experience in the field of Purchase of “Physiotherapy Equipment/Instrument “	
7.	Valid licence	
8.	Proof of fulfilling the norms of ISI/ISO/WHO/GMP	
9.	US FDA, CE and ISO Certified specified specification, if any	
10.	Copy of dealership letter	
11.	Licence for import	
12.	PAN CARD No.	
13.	Sales Tax / VAT No.	
14.	Service Tax if any	
15.	Copy of Turnover for Rs. 10,50,000/-of the estimated cost during last 3 years up to 31/12/2016	

Place :

Date :

**Signature of Tenderer
Name of Tender with
Seal of the firm**

**ADMINISTRATION OF DAMAN AND DIU
O/O MEDICAL SUPERINTENDENT,
GOVERNMENT HOSPITAL, DAMAN**

No. GHD/E-TENDER/2016-2017/628		DATED. 17/08/2016	
TECHNICAL BID			
Sr. No.	Description	Company / Model No.	Remark
1	Combination of Traction & Decompression Therapy Machine		
i	Decompression & Traction Therapy offers a complete system with a uniquely engineered spine table, a sophisticated traction unit, and simple harnessing with Wrap. The system is further accessorized with a cervical traction attachment, knee bolsters, and pressure biofeedback device.		
ii	Support 5 Unique Pull patterns deliver pulls designed to closely replicate the manual therapy experience.		
iii	Pretension step eases guarding and provides greater comfort for the acute patient.		
iv	Independent timer control for pretension, progression, traction and regression.		
v	Support Automatic speed variation during the progressive motion.		
vi	Machine supports different range of motion like Gradient pulls, oscillations and progressive.		
vii	Machine must equip with variable speed motor (30%, 50%, 100%) increases treatment flexibility.		
viii	Clinical Protocol for cervical and lumbar along with support up to 70-80 User-defined protocol slots.		
ix	Static, Intermittent, and cycling traction options.		
x	Full color graphic library includes anatomical images, common pathologies and detailed belting techniques on high resolution touch-screen.		
xi	Multi-lingual software on board		
xii	Save patients treatment sessions on Patient Data Cards, Which record patient pain mapping, pain scales, and pain types all from the unit to the card.		
xiii	Provides maximum patient comfort in prone and supine positions for both manual therapy and traction therapy.		
xiv	Pelvic Tilt section provides flexion of lumbar spine positioning in traction		
xv	Pelvic Tilt helps address pelvic asymmetry commonly seen in low back pain patients.		
xvi	Independently controlled arm and chest sections assist in maintaining a neutral spine		
xvii	Repositional head piece elevates to 30-35°, allowing easy access to the cervical spine.		
xviii	Machine must equip with tuck-away, grasp bars for prone hanging traction without a thoracic restraint.		
xix	Adjustable height table from 50-110cm		
xx	Removable axilla posts provide additional fixation to the table, preventing slippage during supine traction.		
1 (a)	<u>Traction Unit:</u>		
i	Mains Power: 100-240V, 50/60 Hz		
ii	Power consumption: 75W		
iii	Current Consumption: 3.2 Amps Max		
iv	Dimensions: 45 x 24 x 45 cm		
v	Electrical Safety Class: Class 1, Type B		

vi	Safety Tests: IEC/UL/EN 60601-1, IEC/EN 60601-1-2, CAN C22.2 No.601.1-M90 w/A2-Meets MDD 93/42/EEC, CE 0413.		
vii	EMG Module: Electrical Safety Class: Class 1 Type BF.		
1(b)	<u>Traction Table:</u>		
i	Machine equip with different two types of table for treatment on it.		
ii	The first one adjustable type and is 65-75 cm wide table with an adjustable height from 45 cm - 100 cm and a working load of 170-185 kg. Optional retractable casters are available.		
iii	The Second one fixed type and is 70-80 cm wide table with a fixed height 81 cm from top to floor and a working load of up to 159 kg.		
iv	Also it must comply technically as below:		
	Current: 230 V-1.8A, 120 V-3.3 A Power Input: 230 V-230 W, 120 V-200 W Dimensions: 190-205 x 65-75 x 58-55 to 102 cm Electrical Safety Class: Class 1, Type B Safety Tests: IEC/UL/EN 60601-1, CAN/CSA C22.2 No. 601.1-M90 w/A2		
1 (c)	<u>Cervical traction Unit:</u>		
i	A Portable treatment solution that increases patient compliance		
ii	Blow-off valve limits the amount of force that can be applied.		
iii	Self adjusting neck wedges ensure a perfect fit on the Saunders		
iv	Easy to read pressure gauge provides total control of the force at		
v	assistance.		
1(d)	<u>EMG Module:</u>		
	of less than 3 micro volts Specific muscle isolation for re-education, strengthening or rehabilitation; especially useful in pelvic floor rehabilitation and CANS prevention Two channel device which can be operated together or indepensently Three different stimulation channel available Russian, VMS and		
1 (e)	<u>Patient Interrupt Switch:</u>		
	Single push botton type with connector from which patient or therapist can interrupt treatment anytime.		
1 (f)	<u>Patient Data Card:</u>		
	Patient data Access card like inbuilt storage chip which store patient data and assessable by patient in machine as user friendly		
1 (g)	<u>Electrodes:</u>		
i	Electrodes for treatment sizes for electrodes are round up 3 or 5 cm etc. Also it is equip with breathable cloth which is confort for patient. For patient having sensitive skin.		
ii	3 Years AMC after completion of warranty.		
	<u>2 Radar Therapy 250 Digitable</u>		
i	<u>Why RT 250 Digital</u>		
ii	New Design Medical Italia		
iii	50 therapeutic Suggestions		
iv	Possibility to connect the device to a three-dimensional antenna (A3D mode) for application into shoulder, neck, Spine, and rectangular antenna (AR model) for application on large areas like arms and legs, Spine, neck		
v	Multilingual software		
vi	Pulsed and continuous emission mode		
vii	Radar with swivel arm for easy attachment of multiple positions that allows multiple applications RT 250 Digital Electric radar therapy Equipments for radar therapy with continuos and pulsed operation mode.		

2 (a)	<u>Radartherapy</u>				
i	Radartherapy make use of Electromagnetic waves in the frequency band of microwaves, which develop in the treated tissues a heat that is transmitted in depth, obtaining an analgesic effect.				
ii	The higher heating occurs in tissues with more presence of water (eg. Muscles and periarticular tissues), whereas the lower heating effect occurs in those with a low content of liquid (eg. Adipose tissue).				
iii	The radar therapy, thermal effect, causes vasodilatation that remains high for about 20 minutes after treatment and affects only capillaries and pre-capillary arteries.				
2 (b)	<u>Supplied Accessories RT 250 Digital</u>				
i	Power cable : 1				
ii	User Manual DVD: 1				
iii	Fuses 2 x 6.3 A-T				
iv	Pantograph arm: 1				
v	High frequency output cable: 1				
vi	Circular antenna AC (ACC 191): 1				
vi	Optional accessories- pg.59 Technical Specification> pg.72				
2 (c)	<u>Radar Therapy Technical Specifications:</u>				
	Models	Radarmed 2500CP	RT 250 Digital		
	Power Supply	230 Vca, 50-60 Hz + 10%	230 Vca, 50-60 Hz + 10%		
	Maximum main power absorption	650VA	650VA		
	Double delay type (T) mains	6.3A-T	650VA		
	Backlit LCD display to view and check the operating parameter	Graphic colour 320x240 Pixel Touch & Scroll	Graphic bw 240x128 Pixel		
	Adjustable treatment time	1-30 minutes	1-3 minutes		
	Pulse peak power on 50 Ohm load	1600w	1600w		
	Continuous peak power on 50 Ohm load	250w	250w		
	Isolation class	I BF Type	I BF Type		
	Risk Class (93/42/CEE)	IIB	I BF Type		
	Degree of protection from liquids	IPXO	IPXO		
	Stored protocols	100	50		
	Storable protocols	200			
	Storable programs on the internal memory	200	50		
	Alarm in case of overheating	•	•		
	Diagnostic test to check the unit function	•			
	Low noise fans	•			
	Weight	40 kg	40 kg		
	Size	39 x 89 x 30 cm	39 x 89 x 30 cm		
3	<u>Heavy Duty Percussion Unit</u>				
	The unit should have the following features:-				
i	20 Volt Brushless motor with internal 24 Volt/150 W				
ii	Variable frequency controls 0-60 Cycle per Second.				
iii	Rolling caster stand & accessory tray.				
iv	Must have Physio kit of 4 different applicators for Soft Massage,				
v	Directional- Stroking combines both Horizontal and Vertical				
vi	Useful for Physiotherapy, Sports Therapy, Chiropractic,				

vii	Operable on 230 Volt/50 Hz.		
viii	Should have the international safety standard like CE/ TUV.		
ix	3 Years AMC after completion of warranty.		
4	<u>Continuous Passive Motion (CPM) Machine- For Knee & Hip.</u>		
	Must be designed to provide anatomical motion of the knee for both adult & Paediatric Patients.		
i	Knee joint to foot sole length must be of range 25cm to 57cm.		
ii	Hip joint to knee joint length must be of range 31cm to 49 cm.		
iii	Range of knee motion must be 100 extension to 120° flexion		
iv	comfortable with the set maximum extension and flexion values, starting from the middle position.		
vii	Must have programming unit for precise adjustments of patient-specific therapy parameters.		
viii	Speed must be adjusted between 5% and 100% in steps of 5%.		
ix	Must have 'therapy clock' to indicate the elapsed therapy time.		
x	Must have the functional uttons on a remote pendant, which is water proof & shock resistant. Graphic display to be on LCD.		
xi	Must have key lock funtion to prevent accidental changes of the set parameters.		
xii	Power: 100-240V, 50-60 Hz		
xiii	Electrical Safety Class: Class I, Type B.		
xiv	Weight must not exceed 11 kilograms		
xv	3 Years AMC after completion of warranty.		

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