



B. P. Koirala Memorial Cancer Hospital Bharatpur, Chitwan

Invitation for Quotation and Proposals **Notice Published: September 05, 2025**

B. P. Koirala Memorial Cancer Hospital is going to procure **Immobilization Related Goods for Radiotherapy Treatment**. For the cost estimation and Technical specification purpose hospital invites various options of technical and financial proposal with physical Presentation for the bellow equipment from the capable and interested firm/company with all required legal/company documents and manufactures authorization.

SN	Description of Item	
1	1	All in one for whole body - Carbon Fiber Immobilization Baseplates: Suitable to be used on head, head and neck, thorax, and pelvic regions. Must fit clamp type masks. Must be supplied with compatible overhead arm positioners, adjustable in indexed angles with a rotating arc.
	2	Head and shoulder Carbon Fiber Immobilization Baseplates: suitable to be used on head, head and neck, Must fit clamp type masks.
	3	Supine Breast Board system: made of a strong, lightweight Carbon Fiber Board and should include wing board, a removable head cushion, adjustable stopper, and a leg Cushion.
	4	Pelvic board: Suitable to be used on pelvic regions. Must fit clamp type masks.
	5	Carbon Fiber headrest set (A,B,C,D ..): compatible to All in one and Head & shoulder baseplate
	6	SRS/SBRT - SRS and SBRT base plate: made of true carbon fiber with non-artifacts and compatible with existing Linacs at the hospital for whole body head to toe. The SRS component must be frameless, non-invasive with changeable frames to enhance accuracy and patient comfort and support sub-millimeter accuracy. And suitable masks SBRT component must have abdominal compression paddles, knee rest, foot rest, and vacuum bags
	7	Vacuum bags, indexing bar and accessories - As required for complete operation of the system with interchangeability between Planning and Treatment Delivery. i) Whole Body (adult), ii) Whole Body (pediatric) iii) Chest/Abdomen/pelvic iv) Vacuum Pump control system
	8	Dry Heat Oven: suitable to heat thermoplastic mask



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	9	High resolution SRS and SBRT Patient QA device with end to end Machine QA capability: Device for performing real-time dosimetry for stereotactic plan verification for treating very small targets such as lung/liver primaries, brain metastases, bone or lung metastases and arterial venous malformations required. The same device must be able to perform End to End Machine QA for Stereotactic treatment Delivery
		The detector array should consist of detectors with high resolution, suitable for FF-FFF Beams.
		The Detector array should be of integrated design & allow user to follow AAPM TG 218 protocol.
		Cylindrical stereotactic QA phantom made of tissue-equivalent material, designed for non-coplanar arc delivery; lightweight construction with laser alignment markers for easy setup; supplied with modular inserts including film and detector holders to enable end-to-end SRS QA, point dose, Winston Lutz isocenter verification, and film dosimetry
	10	Knee rest and Foot rest

Interested firm/company can submit their detail proposal of the equipment to the hospital and make administration directly or via email: bpkmchhospital@gmail.com/directorbpkmch@gmail.com/bpkmchprocurement@gmail.com within 7 days and shall organize physical presentation at hospital.