



# State Health Society, Bihar

Pariwar Kalyan Bhawan, Sheikhpura, Patna-14



## Inviting application

State Health Society Bihar, under National Rural Health Mission (NRHM), invites application from suitable candidates for the under mentioned posts to be appointed on contractual basis:-

Sl. No.	Name of post	No. of Post	Qualification & Experience	Consolidated Salary (PM in Rs.)
1.	<b>Consultant – Radiation Safety</b>	(01) UR - 01	<ul style="list-style-type: none"><li>Post-graduate degree in Physics and Diploma in Radiological Physics of University of Bombay or equivalent.</li><li>Minimum 3 years of experience in radiation safety/ safety related experience in radio-diagnosis/ radiotherapy in a premier teaching/research institution.</li><li>Preference will be given to the candidates having longer experience.</li></ul>	35,000/-
2.	<b>Radiation Safety Officer (For 9 RPMU)</b>	(09) UR - 05 EBC - 02 BC - 01 SC - 01	<ul style="list-style-type: none"><li>Post-graduate degree in Physics and Diploma in Radiological Physics of University of Bombay or equivalent.</li><li>Minimum 2 years of experience in radiation safety/ safety related experience in radio-diagnosis/ radiotherapy in a premier teaching/research institution.</li><li>Preference will be given to the candidates having longer experience.</li></ul>	30,000/-

### General Condition:

1. Maximum Age limit is 45 years.(As on 01.01.13)
2. The recruitment will be on contract basis for a period of 1 year, which may be renewed every year based on the performance & conduct of the contractual staff.
3. Application fees is Rs. 500/- for applicants under General category, Rs. 300/- for BC/EBC and Rs. 200/- for SC/ST candidates.
4. No application will be accepted without submission of application fee.
5. Application Fee in the form of Bank Draft drawn on any nationalized bank and payable at **Patna** favoring "**State Health Society, Bihar**" should be enclosed with application.
6. Only shortlisted candidates will be called for interview. **All original educational certificates must be carried at the time of interview.**
7. No TA/DA will be given for attending the interview for any position.
8. State Health Society, Bihar reserves the right to cancel any or all the positions mentioned above without assigning reason.
9. Application in the prescribed format and complete in all respect must be sent to **The Executive Director, State Health Society, Bihar, Pariwar Kalyan Bhawan, Sheikhpura, Patna-800014** containing original bank draft and self attested photocopies of certificates in sealed envelope, only through speed/registered post so as to reach the above address on or before 5:00 pm, **18/03/2013**. **The name of the post applied for must be mentioned on the top of the envelope.**
10. **Detailed ToR, qualifications/experience/emoluments of above positions and application form is available on the society's official website ([www.statehealthsocietybihar.org](http://www.statehealthsocietybihar.org)).**
11. Applications should be sent in prescribed format available on the above mentioned website, clearly mentioning the position applied for. **Applications in other format will not be accepted.**

**Last date of submission of form is 18/03/2013 at 5 pm.**

Executive Director  
State Health Society, Bihar

**State Health Society, Bihar**  
**Pariwar Kalyan Bhawan, Sheikhpura, Patna - 800014**

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**Terms of Reference (ToR)**

Diagnostic radiology facilities are widely deployed in the country and a large number of persons undergo diagnostic X-ray procedures. These facilities/machines if not designed or operated properly may lead to unwanted radiation exposure to the patient as well as the operators.

Atomic Energy Regulatory Board (AERB) is the national regulatory body and Chairman of AERB is the Competent Authority. Possession, installation, commissioning and operation of X-ray equipments are regulated by Atomic Energy Act and associated Rules, Codes, Guides, etc. As per Rule 3 of the Atomic Energy (Radiation Protection) Rules 2004, no person shall, without a licence, establish a radiation installation. A licence is mandatory for CT Scanner or Cath lab and a Registration is mandatory for all diagnostic X-ray equipments. This regulatory requirement is not met by most of the X-ray installations in the country. Moreover, the safety requirements envisaged for commissioning and operating any X-ray equipment are also not adhered to by owners and operators.

India being a large country, AERB has decided to decentralize the regulatory control and requested the State Governments/Union Territories to establish State-level Directorate of Radiation Safety (DRS). Under Rule 29, 30 (1, 2, 3, 4, 5, 6a, 6b, 6c, 6d) of the Atomic Energy (Radiation Protection) Rules 2004, AERB will authorize the DRS to inspect medical diagnostic X-ray installations to verify compliance. Accordingly, the State Health Society, Bihar has setup a DRS and is desirous of appointing suitable candidates for the regulatory work on contractual basis. The details are as follows:-

<b>1. Post</b>	<b>: Consultant – Radiation Safety</b>
No. of Position	: 01 (UR)
Reporting to	: Director of Radiation Safety, SHSB, Patna
Place of posting	: State Health Society, Bihar, Patna.
Duration of Contract	: One Year which may be renewed every year based on performance & conduct of the contractual staff.
Maximum Age	: 45 years (As on 01.01.13)
Remuneration	: Rs. 35,000/- (Rupees Thirty - Five Thousand only) per month consolidated.

**ESSENTIAL QUALIFICATION & EXPERIENCE**

- Post-graduate degree in Physics and Diploma in Radiological Physics of University of Bombay or equivalent.
- Minimum 3 years of experience in radiation safety/safety related experience in radio-diagnosis/radiotherapy in a premier teaching/research institution.
- Preference will be given to the candidates having longer experience.

**DUTIES and RESPONSIBILITIES**

- The Deputy Director will supervise the Regional Radiation Safety Officers assigned to him/her by the Director and shall review their reports and submit periodic summary report to the Director.
- Field work schedule for each month will be prepared in advance and with the approval of the Director will carry out the activities and submit report.

- Review the work schedule for the Regional Radiation Safety Officers for each month in advance and submit it for approval of the Director.
- Verify the inspection reports submitted by the Regional Radiation Safety Officers at random with the concurrence of the Director.
- Review the Layout of medical X-ray installations, assigned to him/her by the Director, in the light of requirements and guidelines stipulated in the Atomic Energy (Radiation Protection) Rules 2004 and in the Notifications, Safety Standards, Codes and Guides of AERB and suggest modifications, if any, as appropriate through the Director of Radiation Safety.
- Inspect medical diagnostic X-ray installations which are to be registered or for which registration is to be renewed and suggest modifications, if any, as appropriate through the Director of Radiation Safety.
- Verify whether every medical diagnostic X-ray units installed in Bihar is 'Type Approved' by AERB.
- Inspect the work practices being followed in medical X-ray installations and ensure they are acceptable from the point of view of radiation safety.
- Inspect permanently installed or movable protective barrier in X-ray rooms.
- Verify whether qualified manpower in accordance with the requirements of the Safety Code (SC/MED-2) is available for operation of X-ray unit.
- Carry out such tests and measurements as may be necessary to assess radiation safety and take necessary steps, as it may consider necessary, including examination of relevant records, to determine the adequacy or otherwise of the methods employed as well as the devices used in the medical diagnostic X-ray installations, to provide adequate protection.
- Assist the Director of Radiation Safety to organize training programmes, workshops and seminars to update the knowledge of radiation safety among the technical people involved.
- Assist the Director of Radiation Safety to organize public awareness programmes regarding radiation safety.
- Assist the Director of Radiation Safety to prepare a 'Manual' containing the mode of registration, including a check list of every item to be assessed / noted during the inspection, acceptance and quality assurance tests.
- Assist the Director of Radiation Safety, undertaking responsibilities assigned from time to time, for implementing radiation safety in the State.
- Assist the Director of Radiation Safety to prepare a data bank of X-ray installations in the State and update it regularly.

<b>2. Post</b>	:	<b>Radiation Safety Officer (for 9 RPMUs)</b>
No. of Position	:	<b>09</b> (UR-5, EBC-2, SC-1 & BC-1)
Reporting to	:	RDD/RPM at RPMU and Director - Radiation Safety/Consultant – Radiation Safety, SHSB, Patna.
Place of posting	:	In concerned RPMUs or Divisional Head Quarter
Duration of Contract	:	One Year which may be renewed every year based on performance & conduct of the contractual staff.
Maximum Age	:	45 years (As on 01.01.13)
Remuneration	:	Rs. 30,000/- (Rupees Thirty Thousand only) per month consolidated.

### **ESSENTIAL QUALIFICATION & EXPERIENCE**

- Post-graduate degree in Physics and Diploma in Radiological Physics of University of Bombay or equivalent.
- Minimum 2 years of experience in radiation safety/safety related experience in radio-diagnosis/radiotherapy in a premier teaching/research institution.
- Preference will be given to the candidates having longer experience.

### **DUTIES and RESPONSIBILITIES**

- Each Regional Radiation Safety Officer shall work in the region assigned to them and will submit fortnightly and monthly reports to the Director.
- Work schedule for each month will be prepared one month in advance and submitted for approval of the Director.
- Review the Layout of medical X-ray installations, assigned to them by the Director, in the light of requirements and guidelines stipulated in the Atomic Energy (Radiation Protection) Rules 2004 and in the Notifications, Safety Standards, Codes and Guides of AERB and suggest modifications, if any, as appropriate through the Director of Radiation Safety.
- Inspect medical diagnostic X-ray installations which are to be registered or for which registration is to be renewed.
- Verify whether every medical diagnostic X-ray units installed in Bihar is 'Type Approved' by AERB.
- Inspect the work practices being followed in medical X-ray installations and ensure they are acceptable from the point of view of radiation safety.
- Inspect permanently installed or movable protective barrier in X-ray rooms.
- Verify whether qualified manpower in accordance with the requirements of the Safety Code (SC/MED-2) is available for operation of X-ray unit.
- Carry out such tests and measurements as may be necessary to assess radiation safety and take necessary steps, as it may consider necessary, including examination of relevant records, to determine the adequacy or otherwise of the methods employed as well as the devices used in the medical diagnostic X-ray installations, to provide adequate protection.
- Assist the Director of Radiation Safety to organize training programmes, workshops and seminars to update the knowledge of radiation safety among the technical people involved.
- Assist the Director of Radiation Safety to organize public awareness programmes regarding radiation safety.
- Assist the Director of Radiation Safety to prepare a 'Manual' containing the mode of registration, including a check list of every item to be assessed / noted during the inspection, acceptance and quality assurance tests.
- Assist the Director of Radiation Safety to prepare a data bank of X-ray installations in their region and update it regularly.

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# Application Form

(To be filled in by the candidate with Ball Point Pen in his/her own handwriting after carefully reading instructions mentioned in the TOR)

Affix recent  
coloured  
photograph here

<b>Application for the post of</b>	
<b>Demand Draft Details</b>	Issuing Bank: Branch: Demand Draft Number: Date of issue: Payable at: Category: Unreserved/EBC/BC/SC/ST (tick mark✓ whichever is applicable)
<b>Name</b>	
<b>Father's/ Husband's Name</b> (Tick(v) whichever is applicable)	
<b>Date of Birth</b>	
<b>Age (as on 01.01.13)</b>	
<b>Marital Status</b>	
<b>Nationality</b>	
<b>Category/Cast</b> Tick(v) whichever is applicable	Unreserved ( ) Extremely Backward Class ( ) Backward class ( ) Schedule caste ( ) Schedule Tribe ( ) Backward class (women) ( ) Caste_____ (Specify) Handicapped Yes( ) No( ) % _____
<b>Present Address</b>	
<b>Permanent Address</b>	
<b>Contact Number</b>	
<b>E-mail ID</b>	

**Academic background (Starting from highest)**

Sl. No.	Qualification	School/Institute/University	Year of passing	% of Marks/Grade	Sub/Specialization
1.					
2.					
3.					
4.					
5.					

**Technical Qualification (Starting from highest)**

Sl. No.	Qualification	School/Institute/University	Year of passing	% of Marks/Grade	Sub/Specialization
1.					
2.					
3.					
4.					
5.					

<b>Trainings and workshops attended</b>				
Sl. No.	Topic	Institution/ Organization	Year	Objective of the training/ workshop
1.				
2.				
3.				
4.				
<b>Work Experience (starting from the latest)( Please enclose experience certificate)</b>				
Experience 1	From			
	To			
	Organization with its brief profile			
	Designation held			
	Brief profile of the Responsibilities held			
Experience 2	From			
	To			
	Organization with its brief profile			
	Designation held			
	Brief profile of the Responsibilities held			
Experience 3	From			
	To			
	Organization with its brief profile			
	Designation held			
	Brief profile of the Responsibilities held			
<b>Total Experience (in Year Months)</b>				
<b>Any other information that the candidate would like to give in support of his/her candidature</b>				

**Declaration** : I do hereby declare that all the statements made in this application are true and complete to the best of my knowledge and belief. In the event of any particulars or information furnished by me is found to be false/incorrect/incomplete, my candidature for the post is liable to be rejected/cancelled and in the event of any statement/information found false/incorrect even after my appointment, my contract is liable to be terminate without any notice.

**Place** : \_\_\_\_\_

**Date** : \_\_\_\_\_

\_\_\_\_\_  
(SIGNATURE OF THE CANDIDATE)

**NOTE:** THE SIGNATURE DONE ON THE APPLICATION FORM SHOULD BE IN RUNNING SCRIPT (NOT IN BLOCK LETTERS)