

**AIIMS COHORT STUDY**  
**ALL INDIA INSTITUTE OF MEDICAL SCIENCES**  
**ANSARI NAGAR, NEW DELHI-110029**

**References: Short Rate Enquiry No. 151/Neuro/KP/16-17/N-1481**

**Subject: Short Rate Enquiry for MRI (Brain) under AIIMS Cohort Study  
(For Ballabgarh, Faridabad)**

A Short rate enquiry is hereby floated/invited for supply the rates of carrying out MRI of the AIIMS Cohort Study participants as per MRI protocol given below with full terms and conditions.

**MRI Protocol:**

S.No	Sequence Name	Parameters	Purpose
1	3D T1	Sag MPRAGE with PROMO; 25.6cm FOV, 256x256 matrix; TI=900; 192slices, 1mm slice thickness, 31.25kHz RBW	Volumetry and segmentation of gray- white matter
2	DTI shell acquisition (enables kurtosis mapping) Reduce thickness to 2 or 3 mm	55 direction DTI shell acquisition; bmax of 1000; 128x128matrix with Asset; 5mm thickness; 25.6cm FOV	DTI Parameters- FA, ADC, DK, will also generate diffusion weighted images to detect acute infarcts
3	Ax SWAN- phase and mIP images	Ax SWAN; 256x256 matrix; 25.6cm FOV; 1.6mm thick slices; 96 slices with ZIP2 turned ON; 41.7kHz RBW;	To detect micro-& micro-hemorrhages, calcifications
4	Ax Flair Ideally should be a 3D sag with 1mm cubic resolution	At least 256x256 matrix with 25.6cm FOV; 4mm slice thickness; TR=12s, TI=2.8s	To quantify white matter lesion load
5	PC MRA of neck vessels	Single-slab PCMRA; high VENC because of use to visualize major arteries	To look for extra-cranial vascular disease
6	eASL	TR=6s; Min TE; 62.5kHz RBW; 512x8 matrix; 1800ms TI; 24cm FOV; 4mm slice thickness; 30 slices	To study brain perfusion without use of MR contrast
7	Ax T2 propeller Ideally should be a 3D sag with 1mm cubic resolution	TR/TE=6000/100ms; 2NEX, 416x416 matrix; 25.6cm FOV; 5mm thickness with 1mm spacing; 28ETL; 50kHz RBW	To look for intracranial pathology
8	MR IDEAL IQ sequences	TR, 12.9 msec; FOV, 35–40 cm; matrix, 224 × 160; bandwidth, 125 kHz; flip angle, 5°; section thickness, 10 mm; and a single 3D image with 22 to 28 sections., data sets with six different echo time (1.6 to 9.8 msec).	Quantification of hepatic steatosis

### **Eligibility criteria for service providers:**

The imaging centre :

1. Should have a 3 Tesla MRI machine.
2. Should be NABH accredited Centre
3. Should be located within a radius of 10 kms. of Ballabgarh, Faridabad.

### **Scope of services:**

1. Please quote unit cost.
2. The centre should allow of AIIMS MRI technician to be present when MRI scan is in progress.
3. The waiting time for participant should not be more than 30 minutes.
4. Free of cost to and fro air-conditioned transport to be provided by the imaging centre to the participants.
5. The centre will provide the charges for sedating the patient, if required.
6. CDs of the MRI scans should be provided by the MRI centre for each case. If any special software will be required for retrieving the data from CD, the same should be provided free of cost.
7. The centre should be able to provide the services on all days 24x7.
8. The MRI centre will provide a detailed report of each participant (both in print & Film and digital format) duly signed by a qualified Neuroradiologist with his/her valid MCI registration number.
9. No participant will be charged in any manner for any of the services provided by the MRI centre.
10. The firm must be registered and having TIN no./Registration no. Please mentioned TIN/ registration no. on the bid or else the quotation will be treated as cancelled.
11. VAT/ Sales tax or any other kind of tax(s) must be mentioned separately as applicable on the item. In case no sales tax is chargeable, prices must be quoted as NET price.
12. The undersigned has reserves the right to call the firm for physical demonstration of item to verify the quality of the offered item. The firm must have to demonstrate the product within 2 days of requisition, failing which the bid will be rejected.
13. The firm should be competent to supply the item at the mentioned place/ location within ten days after issuing the Supply Order
14. The payment will be made electronically viz RTGS/NEFT after delivery of the item as per rules of the AIIMS Research Section in the name of the firm only. The following information should be also mentioned in the invoice:
  - Name of the beneficiary:
  - Type of Account :
  - Account No. of the beneficiary:
  - IFSC code of the bank/ branch:
15. At any time, any part or whole of the rate enquiry which generally does not fulfill the conditions stipulated in the rate enquiry can be cancelled/ rejected without specifying any reason.
16. The Principal Investigator reserves all the rights in this regard.
17. All the quotations should be addressed to “Dr. Kameshwar Prasad, Principal Investigator, AIIMS Cohort Study” and should reach by post/ courier at Room number 91, Clinical Epidemiology Unit, AIIMS, New Delhi by 14<sup>th</sup> December 2016, 5:00 pm.
18. Date of opening of quotations is 15<sup>th</sup> December 2016.