Ref. No.02/Stores (DO)/R.D./Proprietary/2013-14/FSC  
Dated: 2nd July 2013

Subject: Purchase of **Upgrade to 32 Channel System with 32 Channel Body Coil** for existing 1.5 T MRI for the department of Radio-Diagnosis at AIIMS, New Delhi-29 on proprietary basis- **Inviting comments thereon.**

*****

The Institute is in the process to purchase **Upgrade to 32 Channel System with 32 Channel Body Coil** for existing 1.5 T MRI for the department of Radio-diagnosis at AIIMS, New Delhi-29 from M/s.Philips Electronics India Limited, Gurgaon on proprietary basis. The proposal submitted by M/s.Philips Electronics India Limited, Gurgaon and PAC certifications are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within issue of 15 days giving reference No.02/Stores(DO)/R.D./Proprietary/2013-14/FSC. The comments should be received by office of Stores Officer (DO), Store Section, Animal House Building, Near Biotechnology Building at AIIMS on or before **25.07.2013 upto 12.30 p.m.**, failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

Yours faithfully,

STORES OFFICER (DO)

Encl: Related documents enclosed.
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<tr>
<td>1.</td>
<td>Item/Type/Model No. required along with specification</td>
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<tr>
<td>2.</td>
<td>If the item a spare part attachment or accessory for existing equipment.</td>
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<td>3.</td>
<td>Name of the manufacturers / Supplier of the item proposed by the indenter.</td>
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<td>4.</td>
<td>Are they sole manufacturer/sole distributors of the item.</td>
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<td>5.</td>
<td>If there any other item with similar/ equivalent specification available in the market to meet the job requirement envisaged. If the answer is yes, why the same can't be procured. Demanding Officer should bring out comparative functional advantage/cost effectiveness of the recommended item from these offered by other.</td>
</tr>
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<td>6.</td>
<td>What were the efforts made to locate alternative source of supply of use other substitutes</td>
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<td>7.</td>
<td>Why open/limited tender can't be resorted to, for locating alternating source.</td>
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<td>8.</td>
<td>Are the proprietary items certifying that the rates are reasonable or not.</td>
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<td>9.</td>
<td>Any other justification for procuring item from single source.</td>
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**Accessories for existing 1.5T MRI from Philips**

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<table>
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<tbody>
<tr>
<td></td>
<td>Accessory</td>
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<td>Philips</td>
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**Signature of Indenter**

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I certify that the item at Sr. No. 1 above is required to be procured on single tender basis as the source of supply is definitely known/ the specific brand proposed was advantages in meeting our functional requirements and limited tender system could be dispensed with as they would serve no useful purpose in this particular case.

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**(Strike out whichever is not applicable)**

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**Signature of Demanding Officer**

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**Signature of Head of the Department**

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[Signature]

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**Date:** 15/12
Date: 24 April 2013

The Director,
All India Institute of Medical Sciences,
New Delhi- 110029,
India

Subject: Philips proprietary items for Achieva 1.5T

Dear Sir,

Through this letter, I would like to thank you for placing your trust in Philips through the purchase of two Achieva 1.5T systems for your hospital. At Philips, we strive to improve people's lives through meaningful innovations. In line with this vision, the Indian organization has informed me that you are looking for expansion of your Achieva system with the following items:

- Upgrade of your 16 channel system to a 32 channel system along with 32 Ch SENSE Torso/Cardiac Coil.
- EXPANSION TO PREMIUM
- Full SmartExam Pack
- Pediatric support Mattress
- Pediatric SENSE Head/Spine coil; 8 elements
- Pediatric SENSE Torso/Cardiac coil; 8 elements

With this letter, I would like to inform you that, in order to guarantee quality, these items contain Philips proprietary technology that is compatible with the Achieva 1.5T system e.g. the coil connectors, cabling, enabling software etc. No other vendor other than Philips can provide these options for your current system.

Thank you. We assure you of our best attention and services at all the times.

Yours faithfully

[Signature]

Pearleen Tan
Field Marketing Manager MR (APAC)
Philips Healthcare
ANNEXURE - I

1. **Upgrade to 32 channel system with 32 channel Body Coil**

2. **EXPANSION TO PREMIUM**

The extension from ScanTools Pro to ScanTools Premium provides exciting new innovations:

- k-t BLAST
- 4D-THRIVE and 4D-BLISS
- 4D-TRAK
- 2k Imaging

These powerful techniques provide benefits in cardiac, angio and general imaging.

**k-t BLAST**

Philips' k-t BLAST offers a new dimension in temporal resolution in dynamic (multi-frame) MRI, maintaining resolution and increasing the number of slices acquired in a single breath hold. k-t BLAST optimizes each acquisition by distinguishing between dynamic and static anatomy, then adapting the acquisition accordingly. This technique provides scanning speeds that are five times higher than conventional methods. k-t BLAST's speed is perfectly suited for imaging cardiac, uncooperative, claustrophobic, elderly and pediatric patients, by providing high spatial resolution and image quality, unsurpassed frame rates and higher throughout potential, with unprecedented scan times. k-t BLAST is particularly well suited for single breath hold and multi-slice cardiac function studies. k-t BLAST can be combined with any other method. Applications include: Fast Imaging, Real time imaging, Cardiac imaging.

**4D THRIVE / BLISS:**

With 4D imaging technique (4D-THRIVE, 4D-BLISS and 4D-TRAK) provides a 4D time-resolved technique that combines a keyhole method with CENTRA and SENSE techniques to drastically accelerate acquisition speeds, resulting in acceleration factors as much as 60 times faster than traditional scanning.

4D-THRIVE and BLISS offers this unique combination of methods affords both unprecedented spatial resolution and superb temporal resolution for a variety of abdominal (liver) and breast applications, including evaluation of breast, liver and other abdominal areas.
4D-TRAK:
4D-TRAK offers this unique combination of methods affords both unprecedented spatial resolution and superb temporal resolution for a variety of CE-MRA applications, including evaluation of brain AVM, congenital heart disease, cardiac function and hemodialysis shunts and diabetes patients with short arterio-venous transit time in lower legs/feet

2k imaging:
2K imaging offers a scan matrix of 2048 x 2048, providing the highest resolution even with larger FOVs. 2K imaging also allows lower resolution scans to be reconstructed with a 2048 matrix. This method is compatible with all imaging methods, multi-channel coils and SENSE. Features include: Scan and reconstruction resolutions up to 2048 (in steps of 16), compatible with all imaging methods and multi-channel and SENSE coils

3. Full SmartExam Pack

Full SmartExam Pack

SmartExam uses Philips-exclusive technology to enable completely automatic planning of examinations. With SmartExam, studies can be consistently reproduced with optimized scan quality independent of patient, positioning and operator.

This package includes:

- SmartExam Brain
- SmartExam Spine
- SmartExam Knee
- SmartExam Shoulder
- SmartExam Breast

SmartExam Brain
SmartExam Brain enables automatic planning of head examinations. With SmartExam Brain, all head studies can be consistently reproduced with optimized scan quality independent of patient, positioning and operator.

SmartExam Spine
SmartExam Spine provides automated numbering of the vertebrae. A unique snapping mechanism allows easy definition of the precise levels for transverse stacks. Dragging a stack from one level to another results in stack...
snapping precisely to the new disc level. These SmartExam Spine features make it easy to use while providing consistent and reproducible MRI exams.

SmartExam Knee
With SmartExam Knee, knee studies can be consistently reproduced even with challenging studies (metal implants). The preferred planning for imaging the right knee can be used for the left knee and vice versa.

SmartExam Shoulder
With SmartExam Shoulder, shoulder studies can be consistently reproduced. The preferred planning for imaging the right shoulder can be used for the left shoulder and vice versa.

SmartExam Breast
SmartExam Breast assists beyond the automatic planning of Breast ExamCards. This new technology uses a sophisticated image based shimming technique in which the contour of the breast and thorax wall is used to automatically adjust the shimming per patient. With SmartExam Breast consistent fat suppression and reproducible image quality can be achieved. Excellent quality is obtained independent of patient positioning or breast implants.

SmartExam seamlessly integrates with ExamCards, enabling automatic planning, scanning and processing of complete patient studies with a single mouse-click.

SmartExam ensures:
- The patient will spend less time in the system.
- The physician gets reproducible, consistent clinical results independent of operator.
- The operator can focus on managing patient throughput.
- The administrator gets increased efficiency and throughput and the practice becomes easier to staff and train.

4. Pediatric support Mattress
This convenient support mattress fits around the pediatric neuro/spine coil NMRA976, and delivers additional support for the arms and feet of larger babies, up to ~10kg. Will also fit the HFO SENSE head coil NMRA520, with the use of two additional inserts.

Pediatric SENSE Head/Spine coil; 8 elements
The Pediatric SENSE Head/Spine coil is an 8 element coil for high resolution, pediatric Neuro imaging. The coil is optimized for neonates, but will accommodate pediatric
patients up to 10 kg.
This coil is cradle shaped, and specifically designed for excellent care for the youngest pediatric patients. For a more efficient patient handling, the open, one piece design enables the operator to position and prepare the patient outside the examination room. Neuro examinations of brain and spine can be performed on one coil without having to move the patient.

Features:
- Maximum SENSE factor of 4
- Outside coil dimensions 260x300x720 mm

**Pediatric SENSE Torso/Cardiac coil: 8 elements**

The SENSE Pediatric Torso Cardiac coil is an 8-element coil designed for body and cardiac applications in pediatric patients weighing up to 33lbs/15kg.

Features:
- 26cm HF coverage
- Internal dimension 23cm x 17.5cm
- SENSE factors up to 6 (depending on anatomy)
- Split top for easy positioning and access
- Compatibility with patient cradle (sold separately) for positioning and transporting.

**TOTAL C.I.P NEW DELHI PRICE**

USD 394,210/-

(UD DOLLAR THREE HUNDRED NINETY FOUR THOUSAND TWO HUNDRED TEN ONLY)

FOR PHILIPS ELECTRONICS INDIA LTD

J K PANI
GENERAL MANAGER - SALES