

Proceeding of the meeting of the "Technical Evaluation Committee" held on 10.06.2017 at 11.00 A.M. in the Office Chamber of the Director, I.G.I.M.S. - Patna for the technical evaluation of the bid(s) received against Tender Notice No.: Engg./99/CEE/E-Tendering / 2016-17 for construction of State Cancer Institute building along with supply, installation and commissioning, and maintenance of various biomedical equipments at IGIMS Campus.

| <u>Member Present:</u> | | | |
|------------------------|--|---|------------------|
| 1. | Prof. (Dr.) N. R. Biswas Director, I.G.I.M.S. - Patna. | : | Chairman |
| 2. | Dr. P. K. Sinha Medical Superintendent, I.G.I.M.S. - Patna. | : | Member |
| 3. | Prof. (Dr.) Arun Malhotra Professor & Head - Nuclear Medicine Delhi State Cancer Institute - N. Delhi. | : | External Expert |
| 4. | Prof. (Dr.) V. Sanyal Ex. Prof. & Head - Radiotherapy, Shere Kashmir Medical Institute - Sri Nagar (J&K) | : | External Expert |
| 5. | Prof. (Dr.) Prem Kumar Prof. & Head - Radiotherapy, A.I.I.M.S. - Patna. | : | External Expert |
| 6. | Dr. Debashish Lahiri Radiation Oncologist : Department of Radiotherapy, C.N.C.I. - Kolkata | : | External Expert |
| 7. | Dr. D. K. Ray Head Dept. Medical Physicist, CNCI - Kolkata | : | External Expert |
| 8. | Prof. (Dr.) Rajesh Kumar Singh Head - RCC, I.G.I.M.S. - Patna | : | Internal Expert |
| 9. | Er. Akhileshwar Prasad Superintending Engineer, I.G.I.M.S. - Patna. | : | Member |
| 10. | Er. Shailendra Kumar Singh Senior Bio-Medical Engineer I.G.I.M.S. - Patna. | : | Member |
| 11. | Dr. Mukesh Zope Senior Medical Physicist, I.G.I.M.S. - Patna. | : | Internal Expert |
| 12. | Shri Anil Kumar Choudhary Finance & Chief Accounts Officer-cum-I/C: Store officer, I.G.I.M.S. - Patna. | : | Member Secretary |

A E- Tender Notice No.: Engg./99/CEE/E-Tendering / 2016-17 was published in national newspaper for construction of State Cancer Institute building along with supply, installation and commissioning, and maintenance of various biomedical equipments at I.G.I.M.S. - Patna. The detailed technical specifications along with terms & conditions for the same were uploaded at E-Procurement site of Govt. Of Bihar i.e. <http://eproc.bihar.gov.in> as well as on institute website www.igims.org. The bids were obtained under two packets (i.e. technical & commercial) systems. A pre-bid meeting was also held on 12.04.2017 against the said e-tender notice. The last date of submission at <http://eproc.bihar.gov.in> was 20.05.2017.

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Following firm had submitted their offer for construction of State Cancer Institute building along with supply, installation and commissioning, and maintenance of various biomedical equipments.

1. M/s L& T Ltd. - Chennai

The technical bids were opened by the "Tender Opening Committee" of the Institute on 22.05.2017 comprising of authorized representative of Institute at <http://eproc.bihar.gov.in>. The offer submitted by M/s L & T Ltd. - Chennai was examined by the "Tender Opening Committee" of the Institute in light of "Technical Bid Sheet" and found responsive for further processing.

A "Technical Comparative Statement" of the various bio-medical equipments offered by M/s L&T Ltd. - Chennai was prepared by the Central Store Section and Senior Medical Physicist of Regional Cancer Centre of the institute of the responsive and eligible bidders. The Make & Model of the various equipments offered by M/s L & T Ltd. - Chennai are as follows:

| Sr. No. | Name of the Equipment | Make & Model |
|---------|--|--|
| 1. | High Energy Linear Accelerator with IGRT | Make: Varian Medical - USA Model: True Beam (Ver.: 2.5) |
| 2. | Low Energy Linear Accelerator (6 MV) | Make: Varian Medical - USA Model: Clinac IX |
| 3. | High Dose Rate Brachy Therapy with Applicators | Make: Varian Medical - USA Model: Gamma Med Plus IX |
| 4. | Dosimetry Equipments including RFA | Make: Nuclear Corporation - USA Model: 1230 |
| 5. | Cyclotron (11 MeV) | Make: GE - USA Model: Mini TRACQILIN |
| 6. | PET CT Scanner (64 Slice) | Make: GE - USA Model: Discovery MIDR |
| 7. | Radiation Safety & Radio Pharmacy Equipments | Various vendors. |
| 8. | MRI with Spectroscopy | Make: GE - USA Model: GE Optima MR450W |
| 9. | MD CT Scanner - 64 Slice | Make: GE - USA Model: GE Revolution Evo |
| 10. | Mould Room Accessories | Make: Orfit Industries - Belgium |

The committee along with the experts examined the "Technical Comparative Statement" and technical bids submitted by the above-mentioned bidders in the light of the technical specifications mentioned in the bidding document.

The technical specifications of the various offered equipments by M/s L&T Ltd. - Chennai, as mentioned above, met the technical specifications mentioned in the bidding document and acceptable for further processing.

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After discussion with the representative of bidder, following points were agreed:

1. A Tri-Party agreement should be made between Institute, M/s L & T Ltd. - Chennai and respective manufacturer of the equipments towards supply, installation, commissioning and after sales/services to ensure proper maintenance and satisfactory functioning over its life span.
2. The Chillers to be supplied with both LINACS should be imported one.
3. A Parallel Plate Chamber, 0.6 CC Ion Chamber and BNC to TNC adapter, MRI compatible Suction Machine are to be supplied by the bidder.
4. Firm agreed to supply two RAPID ARC Licences for Treatment Planning System. Firm will provide list of licences provided and list of licences not provided in the tender bid but available with the manufacturer and list of licence from third party available with manufacturer i.e. M/s Varian Medical System.
5. List of IGRT Phantoms shall be provided by the firm, which will be supplied.
6. Separate UPS for both the LINAC's, Brachytherapy System, TPS, CT Simulator and other equipments will be provided by them and will be maintained by them during warranty as well as during CAMC inclusive of all items and consumables i.e. battery.
7. Firm agreed to start the warranty period from the date of treatment of first patient after successful commissioning of the each system.
8. Firm shall submit undertaking to the effect that they will provide all the necessary hardware and software required to run the offered features of their quoted model.
9. Firm shall depute one trained clinical physicist to assist the Institute for machine data generation and commissioning.
10. Firm also agreed to supply IR-192 Source as and when required by the Institute.
11. Firm will submit all the quality certificate i.e. FDA approval certificate, European CE and AERB.
12. M/s L&T Ltd. - Chennai has agreed that they will supply any items which was not asked in tender and is required to make the offered features operative of the equipments.
13. Bidder must submit a certification from the respective manufacturer on their letter head in support of Non-EOL of the equipment to ensure that no quoted equipment including hardware/software should come to an end of life within ten years from the date of commissioning.

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14. The prospective Bidder, who are not manufacturers i.e. M/s L&T Ltd. - Chennai, shall also submit an undertaking from the Original Equipment Manufacturers (OEM) that they are willing to provide spare parts for the period of warranty as mentioned and also during the additional CAMC/AMC period, if awarded. The OEM shall also assure continuity of service to their product, in the event of change in dealership or the Bidders- their existing dealers - couldn't provide service during the warranty / CAMC period.
15. An undertaking of the principal regarding continuity of after sales and services (CAMC) @ the agreement rate even in case of changes of Indian agent during the life span of the equipment, must be submitted

M.Z.
10/6/17
(Dr. Mukesh Zope)
Senior Medical Physicist,
I.G.I.M.S. - Patna.

Shailendra Kr. Singh
10/06/2017
(Shailendra Kr. Singh)
Senior Bio-Medical Engineer
I.G.I.M.S. - Patna.

Rajesh Kumar Singh
10/6/17
Prof.(Dr.) Rajesh Kumar Singh
Head - RCC,
I.G.I.M.S. - Patna

Prem Kumar
10/6/17
(Prof.(Dr.) Prem Kumar)
Prof. & Head - Radiotherapy,
A.I.I.M.S. - Patna.

Arun Malhotra
10/6/17
Prof. (Dr.) Arun Malhotra
Professor & Head - Nuclear Medicine
Delhi State Cancer Institute - N. Delhi

N.R. Biswas
10/06/17
(Prof. (Dr.) N. R. Biswas)
Director,
I.G.I.M.S. - Patna

Anil Kumar Choudhary
10/06/17
(Anil Kumar Choudhary)
Finance & Chief Accounts Officer-cum-I/C: Store
officer,
I.G.I.M.S. - Patna.

Akhilshwar Prasad
10/06/17
(Er. Akhileshwar Prasad)
Superintending Engineer,
I.G.I.M.S. - Patna

D.K. Ray
10.6.2017
Head Dept. of Medical Physicist,
CNCI - Kolkata

Debashish Lahiri
10/06/2017
(Dr. Debashish Lahiri)
Radiation Oncologist : Department of
Radiotherapy,
C.N.C.I. - Kolkata

B. Sanyal
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Prof. (Dr.) B. Sanyal
Ex. Prof. & Head - Radiotherapy,
Shere Kashmir Medical Institute - Sri Nagar
(J&K)

P.K. Sinha
10/6/17
(Dr. P. K. Sinha)
Medical Superintendent,
I.G.I.M.S. - Patna.