

**DIRECTORATE OF HEALTH SERVICES
STATE DRUG MANAGEMENT UNIT**

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Tender Reference No. SDMU/2013-14/EQP-CT/37

**TENDER DOCUMENT
FOR
SUPPLY & INSTALLATION
OF
CT SCAN MACHINES
(16 Slice)**

**DIRECTORATE OF HEALTH SERVICES
STATE DRUG MANAGEMENT UNIT
IN FRONT OF RAM MANDIR, CONVENT SQUARE, BHUBANESWAR -1**

SECTION -I

NOTICE INVITING TENDER

Tender Reference No. : **SDMU/2013-14/EQP-CT/37**

TENDERS ARE INVITED FROM ELIGIBLE **BIDDERS AS PER THE ELIGIBILITY CRITERIA FOR SUPPLY & INSTALLATION OF CT SCAN MACHINE.**

1	Period of Availability of Tender Document	From 4.3.2014 to 24.3.2014 (Downloadable from website: http://203.193.146.66/hfw/SDMU/tender.html) In case of any bid amendment and clarification , responsibility lies with the bidders to collect the same from the above mentioned website before last date of submission of tender document and the tender inviting authority shall have no responsibility for any delay / omission on part of the bidder.
2	Date, time & place of Pre-bid meeting	Date :15.3.2014, Time : 12 Noon Place : State Drug Management Unit, In front of Ram Mandir Square, Convent Square, Bhubaneswar-1
3	Last date & time for submission of Tender	Date: 25.3.2014, Time: 12 Noon Address of Submission of Bid: The Joint Director, State Drug Management Unit, In front of Ram Mandir Square, Convent Square, Bhubaneswar-1, Odisha <i>(Through Speed post / Registered post / Courier)</i>
4	Date, time and place of opening of Tender	a) Technical Bid (Cover A) opening: 25.3.2014, 12:30PM at the address mentioned above. b) Financial Bid (Cover B): <i>The date of opening of financial bid will be intimated to the firms found successful in the technical bid evaluation.</i> <i>(Venue is mentioned at the address mentioned above)</i> <i>(Bidders / authorized representative may remain present at the time of opening of bid)</i>

Director of Health Services (O)

SECTION -II

IMPORTANT INSTRUCTIONS TO BE NOTED CAREFULLY BY THE TENDERERS

1.	Mode of Procurement	The State Drug Management Unit shall invite the tender centrally & evaluate the same. After finalization/approval of the supplier & the rate, the same will be communicated to the concerned CDMOs of the District / Superintendent of the Medical College. The purchase order shall be placed by the Chief Medical Officer of District / Superintendent of the Medical College / State Dug Management Unit / Directorates as per the requirement.					
2.	Purchaser	Chief District Medical Officer - Bolangir					
3.	Consignee	District Headquarter Hospitals - Bolangir					
4.	Delivery Period	Within 45 days from issue of the purchase order.					
5.	Mode of Delivery	By Air / Road / Rail					
6.	Guarantee / Warranty /CMC	Comprehensive onsite warranty including all spares, maintenance etc. for a period 5 (Five) years from the date of installation & commissioning and 5(five) years CMC after warranty period.					
7.	Tender Document Cost	Rs.5,250/- (Rs.5,000/-+5% VAT) . The tender document cost is to be submitted in the shape of bank draft in favour of Joint Director, State Drug Management Unit, from any Nationalised / Scheduled Bank payable at Bhubaneswar.					
8.	Earnest Money Deposit (EMD) (The no. of equipment is mentioned in the Schedule of requirement – Section IV)	<table><tr><th>Name of Equipment</th><th>EMD (Rs.)</th></tr><tr><td>CT SCAN (16 Slice) Machine</td><td>Rs. 5,00,000/- (Rupees Five Lakhs)</td></tr></table> The Earnest Money Deposit will be paid in the shape of Demand Draft only in favour of Joint Director, State Drug Management Unit from any Nationalised / Scheduled Bank payable at Bhubaneswar. EMD exemption is not permitted except to local SSI units registered in Odisha only as mentioned in Section – III Clause 23.5		Name of Equipment	EMD (Rs.)	CT SCAN (16 Slice) Machine	Rs. 5,00,000/- (Rupees Five Lakhs)
Name of Equipment	EMD (Rs.)						
CT SCAN (16 Slice) Machine	Rs. 5,00,000/- (Rupees Five Lakhs)						
9.	Performance Security	The selected firm should submit the performance security in shape of Bank Draft /Bank Guarantee, equal to the amount of 10% of the purchase order value (excluding the tax & CMC cost) of the items within 21 days of issue of the purchase order & the same will be returned back after completion of warranty period. The performance security shall be furnished at the Districts / Directorates after getting the purchase order from the concerned Districts / Directorates.					
10.	Eligibility Criteria	The detail eligibility criteria are mentioned at Clauses 2.1, 2.2 & 2.3 of Section – III.					

SECTION -III

TERMS AND CONDITIONS FOR SUPPLY & INSTALLATION OF CT SCAN MACHINE (16 SLICE)

- 1.1 Sealed tenders will be received till 25.3.2014 **upto 12 Noon** by the office of the Joint Director, State Drug Management Unit, **In front of Ram Mandir Square, Bhubaneswar-1**. Any tender received after the due date & time will be rejected / returned to the sender unopened. **The tenders will be received through Regd. Post / Courier services / Speed Post.**
- 1.2 Pre-bid conference shall be held in the **office chamber of the Joint Director, State Drug Management Unit, In front of Ram Mandir Square, Bhubaneswar-1** on 15.3.2014 at **12 Noon**. The prospective bidders may attend and clarify any doubts on the terms and conditions of the bid document.
- 1.3 The bidder(s) are to submit their tenders in **separate** sealed covered envelopes for **technical bid** and **commercial bid** by superscribing **Cover “A” (Technical Bid) & Cover “B” (Price Bid)** and both the sealed covers should be put into a **third outer Cover**, which should be superscribed as **“Tender for Supply & Installation of CT Scan Machine”** & Tender Reference No. **SDMU/2013-14/EQP-CT /037**
- 1.4 The Sealed tenders “Cover A” (Technical Bid) submitted by the tenderers will be opened at the office of the Joint Director, State Drug Management Unit, Bhubaneswar at **12:30 PM on 25.3.2014**. The tenderer or their duly authorized representatives are allowed to be present during the opening of the tenders if they so like.

ELIGIBILITY CRITERIA

- 2.1 Manufacturing units / Importers are eligible to participate in the tender provided, they fulfill the following conditions:
 - (i) **Import License (In case of Importer only)**. In case of importers, they have to furnish the authorization from the manufacturer.
 - (ii) Valid ISO certificate (of the Manufacturer)

- (iii) Product must be ISI / BIS / CE / US FDA etc. (valid ISI/BIS /CE /US FDA certificate) certified (As per **Section VI** - technical specification).
- (iv) Tenderer should have proof of supply (executed directly by manufacturer or through distributor) of the **CT Scan Machines (16 Slice or Higher)** to any Govt. organization / Corporate Hospitals / PSU Hospitals / UN Agencies and purchase order copies in support of that in **last 3 years**. (As per format Annexure VII – Item-wise)
- (v) Proof of annual average turnover (Manufacturers/Importer) of **Rs. 50 Crore or more** in the last three (3) financial years certified by the Chartered Accountant as per the format at **Annexure VI**.
- (vi) Proof of compliance with IEC Certificate (As per **Section VI** - technical specification) - Medical Electrical Equipments: Particular requirement for Electrical Safety of the equipments.
- (vii) Manufacturing unit who has been blacklisted either by the Tender inviting authority or by any state Govt. or Central Govt. organization is not eligible to participate in the tender for that item during the period of blacklisting. Copies of stay order(s) if any against the blacklisting should be furnished along with the bid.
- (viii) **Alternative bids** are not allowed. The bidders shall have to quote for **only one make & model**.

2.2 Authorized distributors are eligible to participate in the tender provided:

- (i) They submit **manufacturer's authorization** from **original equipment manufacturer (OEM)** / Authorized Importer **as per the format** at **Annexure - V**.
- (ii) They should have Proof of Average annual turnover of **Rs. 5 Crores or more** in last three (3) financial years as per Annexure VI. **In addition** to this, the distributor **shall also** submit the average annual turnover of the **manufacturer/importer** of the item(s) as mentioned in 2.1 (v) above.

- (iii) Proof of supply (executed directly by manufacturer or through distributor) of the **CT Scan Machines (16 Slice or Higher)** to any Govt. organization / Corporate Hospitals / PSU Hospitals / UN Agencies and purchase order copies in support of that in **last 3 years**. (As per format Annexure VII – Item-wise)
- (iv) The authorized distributor will submit the following documents in support of the manufacturer along with the tender:
 - a) Valid ISO certificate
 - b) CE / US FDA / IEC certificates of the manufacturer for the products as mentioned in technical specification.
- (v) **Alternative bids** are not allowed. The bidders shall have to quote for **only one make & model**.
- vi) The Manufacturer or the tenderer if blacklisted either by the Tender inviting authority or by any state Govt. or Central Govt. organization for the quoted item is not eligible to participate in the tender during the period of blacklisting.

2.3 The tenderer have to submit the EMD as mentioned **in Clause 8 of Section -II** & the Tender document cost.

DOCUMENTS TO BE SUBMITTED

The following documents should be enclosed in Cover “A” (Technical Bid) by the tenderer.

All the photocopies are to be attested by a Notary Public / Gazetted Officer.

TECHNICAL BID :

- 3.1 Checklist with detail of the documents enclosed in **Cover “A”** (as per **Annexure - I**) with **page number**. The documents should be **serially arranged** as per this **Annexure - I** and should be securely tied and bound.
- 3.2 Item Quoted with name of the Make & Model of the item (s) (**Annexure – II**)
- 3.3 Tender document fee of **Rs. 5,250/-** in shape of Demand Draft .

- 3.4 Earnest Money Deposit(s) as mentioned in the **Clause 8 of Section -II** in shape of Demand Draft). Details of EMD and the name of the equipment quoted should be clearly mentioned.
- 3.5 Details name, address, telephone no., Fax, e-mail of the manufacturer / authorized distributor / service centre / contract person / office in Odisha (**Annexure - III**).
- 3.6 The declaration form in **Annexure - IV** duly signed by the tenderer before Notary Public / Executive Magistrate.
- 3.7 Manufacturer's Authorization Format in **Annexure –V** (In case the bidder is not the manufacturer). Importers are also required to furnish the authorization from the manufacturer.
- 3.8 Certificate duly filled by the Auditor / Chartered Accountant (as per **Annexure –VI**) that the annual average turnover of the firm is **Rs. 50 Crore** or more in the last 3 (three) financial years **OR** annual average turnover of **Rs. 5 Crores** or more in the last 3 (three) financial years - for bidders who are authorized distributors of the manufacturer). The authorized distributor shall **also** submit the annual average turnover of the Manufacturer/importer alongwith his own turnover.
- 3.9 Performance Statement (**Annexure - VII**) during the last three years towards proof of supply of similar equipments to any Govt. organization / Corporate Hospitals / PSU Hospitals / UN Agencies. The copy of Purchase orders and certificate from the user should be furnished in support of the information provided in the performance statement (Item wise)
- 3.10 Deviation/No Deviation Statement from Technical Specification & details of technical specification of the product (**Annexure-VIIIA & B**)
- 3.11 Leaflet/Technical Brochures of the product/item offered.
- 3.12 Copy of Import License by the Importer (in case of Importer).
- 3.13 Copy of Valid ISO certificate.
- 3.14 Copy of Valid ISI / CE /US FDA certificate (as per Section V - Technical Specification).

- 3.15 Copy of Certificate in support of IEC certificate (as per Section V-Technical Specification).
- 3.16 Copy of the **up to date VAT** clearance certificate.
- 3.17 The Original Tender Booklet with Conditions and the schedules signed by the tenderer at the bottom of each page with his official seal duly affixed.
- 3.18 Certificate in support of **service center in Odisha / Eastern India** or undertaking to set up service center in Odisha within one month from the date of installation if approved (for those who have no service centers in Odisha).

N.B: Valid means the certificate should be valid on or beyond the date of opening of tender (Cover-A).

COVER – B (PRICE BID)

4. The price to be quoted for medical equipments should be sent in the prescribed price format in a separate sealed cover hereafter called **Cover “B” (Price Bid)**.

Cover –B (Price Bid) of the tenderers who qualify in it’s Technical Bid (Cover – A) and complies with tender specification & finds to be as per technical specification and Product demonstration (if required) will only be opened.

- 4.1 The tender format (Price Schedule) in duplicate in the prescribed form (as per **Annexure – IX A & B**), must be submitted in Cover-B. The price of the item should be quoted inclusive of excise duty, insurance, packing, forwarding, freight (door delivery) and warranty for 5 **years**. The price of CMC for 5 **years**, turnkey job (accessories if any for installation), sales tax / VAT and entry tax charges (if any) should be quoted in a separate column. The rate should be quoted for **each item** both in figures and words. **In case of difference in words and figures, words will be taken into consideration for evaluation.**
- 4.2 The Cover “B” of tenderers who qualifies in their technical bid, will only be opened at the office of the Joint Director, State Drug Management Unit (SDMU), Bhubaneswar at a date & time which will be intimated to them by SDMU.

REJECTION OF TENDER

5. The tender submitted by the bidder will be rejected, if any of the following documents are wanting / not submitted with the tender:
- (i) Import License (In case of Importer)
 - (ii) Manufacturer's authorization in case of distributor/importer
 - (iii) Earnest Money Deposit (EMD).
 - (iv) Annual average turnover of the firm is Rs. 50 Crore or more in the last 3 (three) financial years **OR** annual average turnover of Rs.5 Crores or more in the last 3 (three) financial years – (for bidders who are authorized distributors of the manufacturer). In case of authorized distributor, they will also have to furnish alongwith their own turnover, the Annual Average turnover statement as per Annexure–VI from the Manufacture/Importer of the item(s) as mentioned above.
 - (v) Valid ISO certificate of Manufacturer
 - (vi) Valid ISI / CE / US FDA certificate of the manufacturer as per Section VI – Technical Specification.
 - (vii) IEC Certificate of the manufacturer as per as per Section VI – Technical Specification.
 - (viii) Proof of supply/ installation of **CT Scan Machine - 16 Slice or higher** (executed directly by manufacturer or through distributor) of the equipment(s)/similar equipments mentioned in the schedule of requirement to any Govt. Organization / Corporate Hospitals / PSU Hospitals / UN Agencies and certificate in support of that from the user during the **last three years**.
 - (ix) **Major deviations from the technical specification of the item(s) as per tender.**
 - (x) Price bid / quoted rate with signature and seal (Hard Copy).

EARNEST MONEY DEPOSIT

- 6.1 The amount of Earnest Money Deposit required is mentioned in the Section-II. The Earnest Money Deposit will be submitted in the shape of **demand Draft only** in favour of **Joint Director, State Drug Management Unit, Bhubaneswar** from any Nationalized / Scheduled Bank payable at Bhubaneswar.
- 6.2 The EMD of the unsuccessful tenderers will be returned back without interest after placement of purchase order to the successful tenderer and EMD of successful tenderer will be returned after submission of performance security(ies).
- 6.3 The EMD will be forfeited if the tenderer withdraws its tender / furnish forged documents which is found during bid evaluation OR doesn't sign the contract / doesn't furnish performance security / doesn't supply the items (in case of successful bidder) within the stipulated time period.

PERFORMANCE SECURITY & AGREEMENT

- 7.1 The performance Security should be submitted in shape of Bank Draft/Bank Guarantee from a Nationalised / Scheduled Bank in favour of the CDMO of the concerned District /Joint Director, SDMU / Head of the Directorates (as the case may be depending on the requirement) equal to the amount of **10%** of the purchase order value of the item (excluding cost of CMC & taxes) within 21 days of issue of the purchase order.
- 7.2 The agreement (**as per Annexure – X**) will be signed between the supplier and the purchaser and will be kept by the purchaser.
- 7.3 The performance Security Money will be returned back to the tenderer without interest after the expiry of the warranty period i.e. **five** years after the date of installation & signing of the CMC agreement.
- 7.4 Security money will be forfeited if there is any violation of the tender terms and conditions.

TENDER CONDITIONS :

- 8.1 The details of the medical equipments with specifications are mentioned in **Section VI. The firm must clearly mention their specification, special features, upgraded version (if any), and detail technical catalogue of the offered model in their tender.**
- 8.2 Tenders should be typewritten or computerized and every correction in the tender should invariably be attested with signature by the tenderer with date before submission, failing which the tender will be ineligible for further consideration.
- 8.3 Rates inclusive of excise duty / customs duty, packing, forwarding, insurance, transportation charges with **5 years onsite comprehensive warranty** and exclusive of Sales Tax/VAT & Entry Tax, should ***be quoted for the medical equipments (Item wise) on door delivery basis. The turnkey job (cost of accessories if any required for Installation/Commissioning), 5-year CMC cost & Sales Tax/VAT & Entry Tax should be mentioned in separate columns.*** The rates quoted should be in **Indian Rupees only.** Rates quoted in any other currency will not be accepted.
- 8.4 The purchaser shall be responsible only after delivery and due verification, installation and commissioning of the equipment.
- 8.5 The rate per unit shall not vary with the quantum of order placed for destination point.
- 8.6 If there is difference between figures & words, words will be taken into consideration.
- 8.7 In the event of the date being declared as a holiday by Govt. of Odisha, the due date of sale, submission of bids and opening of bids will be the following working day at the scheduled place & time.
- 8.8 The price quoted by the tenderers shall not in any case, exceed the controlled price, if any, fixed by the Central / State Government / DGS&D and the Maximum Retail Price (MRP). The purchaser, at his discretion, will in such case, exercise the right of revising the price at any stage so as to confirm to the controlled price or MRP as the case may be.

- 8.9 Deleted.
- 8.10 No tenderer shall be allowed at any time on any ground whatsoever to claim revision of or modification in the rate quoted by him. Clerical error / typographical error, etc. committed by the tenderers in the tender forms shall not be considered after opening of tenders. Conditions such as “ **SUBJECT TO AVAILABILITY**” / “**SUPPLIES WILL BE MADE AS AND WHEN SUPPLIES ARE RECEIVED**” etc., will not be considered under any circumstance and the tenders of those who have given such conditions shall be treated as incomplete and for that reason, shall be rejected.
- 8.11 If at any time during the period of rate contract, the price of tendered item is reduced or brought down by any law or act of the Central or State Government or the tenderer, the tenderer shall be morally and statutorily bound to inform the purchaser immediately about such reduction in the contracted price. The purchaser is empowered to unilaterally effect such reduction in rate, in case the tenderer fails to notify or fails to agree for such reduction of rate.
- 8.12 Deleted.
- 8.13 If the relevant documents / certificates which are required to be furnished along with the tender are written in language other than English, the tendering firm shall furnish English version of such documents / certificates duly attested by a Gazetted Officer / Notary with his seal and signature.
- 8.14 If any information or documents furnished by the tenderer with the tender papers are found to be misleading or incorrect at any stage the tender of the relevant items in the approved list shall be cancelled and steps will be taken to blacklist the said firm for three (3) years.
- 8.15 Rate should be quoted in Indian Currency, both in words and figures against each item as the payments will be made in Indian currencies only (Annexure-IXA&B). The tenderer shall not quote the rate for any item other than the item specified in the list. (**Section V – Schedule of Requirement**).
- 8.16 Both Cover-A and Cover-B should have an **index and page number** of all the documents submitted inside that cover.

- 8.17 The Tax will be charged as per the guidelines given by the Finance Dept., Govt. of Odisha from time to time. Either C.S.T or V.A.T (as applicable) will be paid to the supplier. In case of Entry Tax, the supplier has to deposit the original receipt to claim it, if finished goods are brought from outside the State. The Sales Tax & entry tax components should be shown **separately** in the Price Schedule.
- 8.18 The requirement of items may increase or decrease depending on the situation.

PACKAGING :

- 9.1 All the packaging should be New. The supplier shall provide such packaging of the goods as is required to prevent their damage or deterioration during transit to their final destination. The packaging shall be sufficient to withstand without any limitation including rough handling during transit, exposure to extreme temperature, salt and precipitation during transit and upon storage.

TURNKEY:

- 10.1 The electrical power supply point will be provided by the purchaser at the room where the equipment will be installed but the wiring and electrical fittings inside the room and accessories if any required for installation & commissioning of the equipment from the power supply point to the point of actual installation or any other civil work required for installation of the equipment will be provided by the supplier without any extra cost (apart from the cost mentioned under turnkey in the Price schedule which should include the cost of all such requirement).
- 10.2 The details of the turnkey job required are mentioned in the Technical specification. The bidders have to mention the cost of turnkey in the Price Schedule under the turnkey column. The detail price break up the of turnkey with Unit Price shall have to be provided as mentioned in the price schedule, as the payment for turnkey items shall be made based on the actual measurement / quantity of the turnkey items.

COMPREHENSIVE WARRANTY & CMC:

(Undertaking as per Annexure – XI & XII)

- 11.1 The comprehensive warranty will remain valid for **5 years** from the date of installation & commissioning of the equipment. The original copy of warranty documents will be submitted to the purchaser at the time of installation.
- 11.2 The warranty will cover **all the parts of the machine or item and any replacement or repair required** within the warranty period and will be provided by the supplier free of cost at the destination point (installation point). The supplier will take back the replaced parts / goods at the time of their replacement. No claim whatsoever shall be on the purchaser for the replaced parts / goods thereafter. No traveling allowances or transportation cost will be paid by the purchaser during the warranty period.
- 11.3 The Supplier shall warrant that the Goods supplied under this contract are new, unused, of the most recent or current models and they incorporate all recent improvements in design and materials. The Supplier shall further warrant that all Goods supplied under this contract shall have no defect arising from design, materials or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in the conditions prevailing in the place of final destination.
- 11.4 **CMC:** The tenderer shall also commit to provide offer for CMC (**Labour + all spare**) for the **next five (5) years after the five (5) years warranty**. No extra cost will be paid other than the CMC cost for functioning of the item during this period. The supplier will provide **sone (1)** preventive maintenance in every **six months** in a year during the period of CMC.
- 11.5 **The selected firm should have a service centre in Odisha.**
- 11.6 All the warranty certificates must be handed over to the consignee after installation.

TRAINING & OPERATIONAL MANUAL:

- 12.1 The firm / supplier will provide hands on training to two doctors and two technicians of the concerned health institution in his own cost for operating / handling the equipment at the time of installation.
- 12.2 The supplier / firm will provide the operation / maintenance manuals of the equipment to the purchaser at the time of installation.

UPTIME GUARANTEE:

13.1 UP-TIME BALANCE:

The Supplier (s) shall provide guarantee 95% uptime during comprehensive warranty period, i.e., for 5 years from the date of installation & commissioning.

Any uptime less than the specified period above will be compensated by the Supplier(s) by extending the warranty period. The consignee shall maintain a logbook in the format provided by the Supplier(s) which will indicate usage of the equipment every day and for calculation of up-time.

DOWNTIME PENALTY CLAUSE:

- 14.1 During the Guarantee / warranty period, desired uptime of 95% of 365 days will be ensured (24 hour). If downtime exceeds 5%, penalty in the form of extended warranty, double the number of days for which the equipment goes out of service will be applied. The supplier must undertake to supply all spares for optimal upkeep of the equipment for **TEN YEARS** after installation. If accessories / other attachment of the system are procured from the third party, then the supplier must produce cost of the accessory / other attachment and the CMC from the third party separately along with the main offer and the third party will have to sign the CMC with the purchaser if required.

In no case equipment should remain in non-working condition for more than 7 (seven) days from the date of complaint, beyond which a penalty will be applicable as per Rule.

- 14.2 The principals or their agents are required to submit a certificate that they have satisfactory service arrangements and fully trained staff available to support the uptime guarantee.

SPARE PARTS:

- 15.1 The spare price list of all spares and accessories (including minor) required for maintenance and repairs in future after guarantee / warrantee period should be attached / enclosed along with the sealed quotation.
- 15.2 The tenderers are required to furnish the list of spares along with their cost in the financial Bid separately which will not be taken for evaluation.
- 15.3 Local agents / distributors quoting on behalf of the manufacturer / importer must attach the authority letter in their favour.

LABELLING :

- 16.1 The equipment supplied must be properly labelled with Sl. No., Model Name, Make & year of Manufacture

ACCEPTANCE OF TENDER AND SUPPLY CONDITIONS:

- 17.1 The Purchaser reserves the right to reject the tenders or to accept the tenders for the supply of the item tendered without assigning any reason thereof.
- 17.2 The Purchaser will be at liberty to terminate the contract either wholly or in part without assigning any reasons thereof. The tenderers will not be entitled to any compensation whatsoever for such termination.
- 17.3 The **supply should be completed within 45 days** from the date of issue of purchase order unless otherwise specified. If no supply is received even after **days or 73** days with liquidated damage from the date of issue of the purchase orders, such orders will stand cancelled automatically without further notice. Penalties shall also thereafter be applied to the tenderer as specified in **clause no. 21.1 to 21.2**. The approved firm shall also suffer forfeiture of the EMD and Performance Security Deposit.
- 17.4 The tender inviting authority or his authorised representative (s) has the right to inspect the factory of those company who have quoted for the tender, before accepting the rate quoted by them or before releasing any purchase

order (s) or at any point of time during the validity period of tender and has also the right to reject the tender or terminate / cancel the orders issued or not to reorder based on the facts brought out during such inspections.

EVALUATION PROCEDURE:

13.1 The rates of each item quoted by the tenderer will be evaluated after taking the following points into consideration: -

- a) The quoted rate should include excise / customs duty, transportation, insurance, packing & forwarding or any other incidental charges.
- b) In case of bidders who have quoted CST (**firms not registered under Odisha VAT**), CST as mentioned in the Cover-B (Price Bid) by the tenderer **shall be added** to the quoted rate for price evaluation.
In case of bidders who have quoted VAT (**firms registered under Odisha VAT**), VAT as mentioned in the Cover-B (Price Bid) by the tenderer **shall be excluded** for price evaluation.
- c) Entry Tax will not be considered for price evaluation.
- d) After giving price preferences to eligible local MSME Units of Odisha. (Ref. Clause 18.5)
- e) As per the Govt. of Odisha Finance Deptt. Order No. 13290/F dt.02.04.2013, “in comparing the cost of an article, if purchased from within the State with the price of similar article if purchased from outside the State, the amount of Odisha Sales Tax (OST) now VAT shall be deducted from the total cost since it accrues back as revenue to the State. If after such deduction, the cost of articles to be purchased within the State is not more than the cost of including Central Sales Tax, transport and other charges of similar articles from outside the State, it would be economical to purchase articles within the State”.

13.2 Form “C” or Form “D” shall not be issued by the tender inviting authority.

LIQUIDATED DAMAGE :

- 19.1 The C.D.M.O/D.H.S(O) of the concerned district may allow extension for a maximum period of 4 (four) weeks (28 days), after the stipulated date of supply (i.e. 60 days) with a penalty of 0.5% which will be deducted from the purchase order value as “Liquidated Damage”, for each week (7 days) of delay upto a maximum 2% on the value of the goods.
- 19.2 If the supplier fails to complete the supply within the extended period, i.e. 88 days after being allowed by the purchaser with LD , no further purchase order will be placed to the firm for the said item including forfeiture of the Performance security and the concerned firm will be blacklisted for two (2) years from the date of issue of letter for the said item.

TERMS OF PAYMENT :

- 20.1 No advance payments towards cost of medical equipments or turnkey job will be made to the tenderer.
- 20.2 90% of the cost of the equipment (excluding CMC Cost) + 100% turnkey job + 100% tax shall be paid to the supplier on receipt of the stock entry certificate, installation and demonstration of the item from the consignee. The balance 10% of the payment of equipment will only be made after receipt of certificate on working status of the equipment from the consignee after 6 weeks of installation and commissioning of the equipment.
- 20.3 Payments as mentioned above will only be made after keeping the **performance security deposit** from the supplier as per clause no. 7.1, if they have not deposited the same before. Payment will only be made after ensuring signing of the Agreement, undertaking and handing over of warranty papers of equipment and turnkey jobs by the supplier to the purchaser.
- 20.4 No claims shall be made against the purchaser in respect of interest on earnest money deposit or performance security deposit or any delayed payment or any other deposit.

- 20.5 Payments in shape of Draft / Pay Order will preferably be despatched to the supplier by Registered post with A.D or e-payment / on-line transfer or may be handed over to the authorized person of the supplier.
- 20.6 The payment of CMC will be made on a **six monthly basis**, after completion of warranty period and signing of the CMC agreement.

PENALTIES :

- 21.1 If the successful tenderer fails to deposit the required performance security within the time specified or withdraws his tender after acceptance of his tender owing to any other reasons or unable to undertake the contract, his contract will be cancelled and the earnest money deposit / performance security deposit shall stand forfeited by the purchaser.
- 21.2 Violating the tender terms and conditions & non supply / supply which is not as per technical specification will disqualify the firm to participate in the tender for a period of 2 (two) years from the date of issue of letter and his E.M.D & performance security deposit will be forfeited and no further purchase order will be placed to that firm for that item.
- 21.3 In the event of any dispute arising out of the tender, such disputes would be subject to the jurisdiction of the Civil Court of the concerned District or High Court of Odisha.

INSPECTION/TESTING :

- 22.1 The selected supplier shall have to arrange for demonstration of the equipment at the supply point. The purchaser or its nominated representative(s) shall inspect and test the equipments at the supply point to check their conformity to the specifications and other details incorporated in the contract.

CONDITIONS APPLICABLE TO LOCAL MSEs / SSI OF ODISHA:

The MSE / SSI Units of the State of Odisha will be given the following preferences in the tenders provided they produce the following documents as per MSME Development Policy-2009 and IRP - 2007:

- 23.1 Attested copy of valid manufacturing licence of the items quoted.
- 23.2 P.M.T Certificate from the Director of Industries, Odisha or General Manager District Industries Centre that it is a MSE / SSI Units of the State of Odisha, provided that MSE / SSI units has not been derecognised by the Govt. for that specified period.
- 23.3 Local Micro & Small Scale Enterprises (MSE) and Khadi & Village industrial units including handloom and handicrafts will enjoy a price preference of 10% vis-à-vis over local medium and large industries as well as industries outside the State. Local Micro & Small Scale Enterprises having ISO, ISI Certification for their product shall get an additional price preference of 3% as per provision of IPR-2007.
- 23.5 Local MSEs registered with respective DICs, Khadi, Village, Cottage and Handicraft Industries, OSIC, NSIC **shall be exempted** from payment of earnest money and shall pay 25% of the prescribed performance security deposit.
- 23.6 Clause number 1 to 22 is also applicable to the Small Scale Industry Units of the State of Odisha.

SECTION – IV

SCHEDULE OF REQUIREMENT

SL.	Name of the equipment (s)	Quantity (Nos.)	Place of supply & installation	Time of installation
1	CT SCAN (16 Slice) Machine	1	District Headquarter Hospital, Bolangir	Within 45 days from the date of placement of purchase order

SECTION – IV (TECHNICAL SPECIFICATION)
Multi Slice (16 Slice) Computed Tomography Machine (CT Scan)

Description of Function : CT (Computed Tomography), sometimes called CAT scan, uses special x-ray equipment to obtain image data from different angles around the body and then uses computer processing of the information to show a cross-section of body tissues and organs. CT imaging is particularly useful because it can show several types of tissue—lung, bone, soft tissue and blood vessels—with great clarity. Using specialized equipment and expertise to create and interpret CT scans of the body, radiologists can more easily diagnose problems such as cancers, cardiovascular disease, infectious disease, trauma and musculoskeletal disorders.

Multi Slice Spiral CT Scanner for high resolution whole body scanning including Vascular application. The system should be capable of acquiring **16 slices** per rotation. Latest slip ring technology. True isotropic volume acquisition and submillimetric resolution.

DICOM Ready

CT Procedures

- Contrast Media Tracking
- CT Angiography
- CT Pulmonary Angiography
- CT Fluoroscopy for Biopsy
- Advances 3D analysis
- Dynamic cerebral perfusion mapping
- Head CT
- Thoracic CT
- Abdominal CT
- Pelvic CT
- Skeletal CT
- Interventional CT

Gantry

- Aperture ≥ 70 cm
- Control Panel: on either side
- Positioning Lights.
- FOV ≥ 50 cm
- Tilt-Remote $\geq \pm 30$ deg.

X-Ray Generator:

- High Frequency type
- Power output ≥ 60 KW
- mA Range : up to 500 mA (With incremental steps of 10 mA)

X-Ray Tube

- Tube current : up to 500mA
- Real Time mA modulation for dose regulation.
- Tube Voltage: 60-140 KV
- Anode Heat Storage Capacity- should be 8 MHU or more
- Anode Temp Monitoring System.
- Heat Dissipation: ≥ 800 KHU/minute
- Filter and beam limiting devices:

- Smaller Focal Spot size and number
- The tube should have dynamic focal spots.
- The X-ray cooling unit should be inbuilt in the gantry.
- **Warranty of tube : Comprehensive warranty for all parts including x-ray tubes for 5 years irrespective of number of scans.**

PATIENT TABLE

- Minimum Load capacity of at least 200Kg with 1 mm positioning accuracy.
- Table speed Horizontal ≥ 100 mm/sec.
- Vertical Table travel: ≤ 50 mm/sec
- Minimum table top height should be 55cm or less from the ground level for easy transportation of trauma patient.
- **Longitudinal** Scan Range: at least 130cm or more
- **Manual movement of the table should be possible in case of power failure.**
- **Reproducing positional accuracy should be mentioned.**
- **Remote Up/Down and forward /backward should be standard.**
- Facility of positioning aid for horizontal Isocentric positioning of the patient.
- Carbon Fibre Table Top.

SPIRAL CT

- Scan Time ≤ 0.5 Sec for full 360 deg rotation.
- Min slice thickness ≤ 0.625 mm
- Max slice thickness ≤ 10 mm
- Slice increment.-specify scan and selectable slice thickness
- Pitch Factor (volume pitch): variable between 0.5 sec to 2 sec or more and should be user selectable. Specify all possible pitch selections.
- Single Continuous spiral on time should be at least 100 sec.
- Should optimize radiation dose and resolution for each selection.
- Bolus Triggered Spiral acquisition should be possible.
- Facility of multi-spiral, bi-directional spirals and back to back spirals.

TOPOGRAM:

- Length and width: Specify the range
- Scan Time: Specify the range
- Views: Frontal & lateral views.
- Should be able to interrupt acquisitions manually once the desired anatomy is obtained

Data Acquisition System:

- Detector- Capable acquiring 16 slices per 360 deg of rotation.
- Total effective length of detector array at isocenter should be 20 mm .
- Inbuilt mechanism for adapting the tube current during each scan this should enable radiation dosage reduction where body part thickness is less.
- Detector system should not require frequent calibration.
- Inbuilt paediatric protocols.

IMAGE RECONSTRUCTION:

- Real Time reconstruction speed: 5 images per sec or more at 512x512 matrix.
- Display Matrix: $\geq 1024 \times 1024$
- Reconstructed slice thickness: 1mm- 10mm. freely selectable Scan Field and reconstructed field.

MONITORS:

- Resolution: 1280x1240
- Pixel Size < 0.3 mm.
- **Two number** of Flat screen medical grade TFT Type of **at least 19"** with fast image refresh rate should be fast and preferably instantaneous and flicker free.
- Should be non interlaced and progressive display type & sturdy.

Operator Console:

- Should perform Registration, scheduling, protocol selection , volume rendering, Volume measurements, Multiplaner Reconstruction, and standard evaluation application and all available post processing functions without the help of the satellite workstation as well as film exposure.
- Raw Data storage with at least 800 GB Hard disc having a minimum of 2,00,000 image storing capacity in 512x512 format.

Consoles Common Feature:

- The two sets of workstation should be interconnected by ISDN Lines (to be provided by the vendor) for two way transfer of images and reports.
- Spatial alignment and visualization of two different data sets of one patient generated on different modalities or with different acquisition time..
- Post Processing Software: Perfusion CT, VRT, MIP, SSD, Image Fusion, Vessel segmentation, Virtual Endoscopy software to be provided on both the workstation.
- Cine display should be available, both interactive and automatic
- Window width and centre should be freely selectable.
- Patient online Registration, pre registration facility and transfer of information from HIS/RIS via DICOM should be possible.

An independent satellite workstation with Hard Disc of 800GB or more , capable of simultaneous viewing of all post processing functions and filming independently without the help of main console .Data transfer between the operator console & the satellite workstation should be instantaneous

Additional fully functional independent workstation of similar capability as satellite workstation should be installed in Radiology department.

Image Evaluation Tools:

- Parallel evaluation of multiple ROI in circle, irregular and polygonal forms.
- Statistical Evaluation for area/ volume, S.D, Mean/Max and Histograms.
- Profile cuts: horizontal, vertical and oblique views.
- Distance & angle measurement, freely selectable positioning of co-ordinate system, grid and image annotation.
- Dynamic evaluation of contrast enhancement in organs and tissues, calculation of time-density, curves, peak enhancement images and time-to-peak images.

Post Processing tools

- 2-D, including image zoom and pan, image manipulations, including averaging, reversal of grey-scale values, and mirroring; image filter functions, including advanced smoothing algorithm and advanced bone correction.
- Real-time multi-planar reconstruction (MPR) of secondary views, with viewing perspectives in all planes including curved & orthogonal MPR.

• Standard 3D applications: CT angiography, MIP, MinIP, SSD, VRT, and other advanced 3D applications and colour coding for different tissues. • 3D images for CT guided biopsy, 3D virtual endoscopy, colonoscopy, bronchoscopy should be possible. • DSA and advanced neurological imaging packages should be provided. • Spatial alignment and visualisation of two different data sets of one patient generated on different modalities or with different acquisition times. - • Perfusion CT for study of brain. Liver, kidney, pancreas etc. • Volume measurements. • Fusion of morphological data obtained on CT, MR or DSA.
<u>Patient communication system:</u> An integrated intercom and Automated Patient Instruction System (API) should be provided
<u>Image quality:</u> • Low contrast resolution - specify low contrast resolution of 5mm with 20cm CATPHAN phantom. • Specify High contrast resolution at 15 lp/cm or higher 0% and 10% with full FOV. • Specify Cross-field homogeneity
<u>Image documentation</u> A. Dry View Imaging Camera with the following specifications: • Dry Laser Technology • Resolution :12 bits/ 500 dpi • Supports 5 Multiple Film Sizes: one of which must be 17"x14" • Must have 3 or more online film tray sizes. • DICOM Compatible Attach conformance statement. B. State of the art Laser color printer: • Color Dry Printer for printing Film Quality Images on plain paper. • DICOM Compliant • Laser/Thermal Dye Sublimation Technology for B/W or Color Printing • Resolution- 1200x1200 dpi. • More than 20 ppm.
<u>CONNECTIVITY AND ARCHIVAL</u> • DICOM connectivity should be optimised for networking with other imaging systems. • DICOM converters for linking the camera with other imaging systems of the department should be provided, <i>if</i> required separately. • It should have sufficient memory to store images from the CT as well as other system connected to it. • Filming parallel to other activities, including independent scanning, documentation and post-processing and configurable image text. • Archiving: DVD/CD writer should be provided for archival. Specify minimum number of uncompressed and compressed images that it can store per disc. Option of viewing these discs on any PC without DICOM viewer should be available.

Upgradeability

- Software upgrades that enhance existing applications must be provided by the vendor indefinitely at no cost to the purchaser. These no charge upgrades shall include any circuit boards or parts if software is added to enhance existing capabilities.
- System should have capability to being upgraded as new technology emerges for at least 7-10years
- Additional or new software must have the capability of being downloaded by remote computer access. Software must include a free trial period before purchase.

Power Supply

- Power input to be 220-240VAC, 50Hz,/440 V 3 Phase as appropriate fitted with Indian plug
- Resettable over current breaker shall be fitted for protection
- On line UPS of suitable rating of 30mints backup shall be supplied for the complete system including computer system.

System configuration Accessories, spares and consumables

- Collapsible wheel chair with rubberized swivel wheels : 02
- Standard Patient positioning acc and restraining devices : 02 sets
- Good quality light weight vinyl Lead Aprons of .5mm lead equivalent : 10nos
- Lead Glass 150x100cmx 2mm lead : 1nos
- Double rows LED view boxes 4 in each row : 2nos
- Patient transport trolley : 2nos
- Instrument trolley : 2nos

Turn key

- A complete site preparation plan will be required to be submitted along with its financial Components in separate cover as a turnkey project. The vendor will be eligible to inspect the proposed site after obtaining permission. Care must be taken to address placement of the equipment, sitting, viewing and reporting area, patient preparation space, storage area etc.
- Requirements of power and air conditioning must be clearly specified in a separate section of the offer. The temperature of the gantry room to be maintained at 20 deg C
- All turnkey work proposed by the selected firm will require approval of competent authorities of the institute before implementation
- The vendor should give the **rates** for the **following** including unit rates which will be taken **into account at the time of evaluation**. The **payment** will be made **as per actual work** done to the satisfaction of the authority.
 - ❖ Concreting and tiling , False ceiling : 500 sq-feet
 - ❖ Split type AC : 10 nos of 2 tons of 5star rating
 - ❖ Cabling cost (per Running Meter including material cost) for console to independent workstation and from electrical point to the machine and other cablings: Cost for **50 Running meters** is to be quoted for evaluation purpose.
 - ❖ Post processing room chairs : 10nos
 - ❖ Doctor's Executive Chair : 2nos
 - ❖ Table for reporting(wood) : 2nos
 - ❖ Patient waiting chair : 2 nos (5 in one row)

Standards and safety

- Should be **USFDA or CE (from notified body)** approved CT Scan
- Electrical safety conforms to standards for electrical safety **IEC-60601**
- **Lead Glass window** as per room requirement
- Safety aspects of Radiation dosage leakage should be spelt out
- Should comply with **AERB Guidelines** for radiation leakage
- User Training for two radiologists, two technicians and two biomedical engineers. Radiologists to be trained for clinical whereas the technician and biomedical engineers to be trained for operation and day to day maintenance of the unit.
- Specify the year of launch of the particular model. Models launched 2-3 years back will be preferred.
- Fire fighting and Security System with inbuilt alarm, smoke detector system to be connected to main hospital control system.

Non Invasive Monitor of 12" screen with TFT colour display with the following accessories: USFDA or CE (from notified body)

- ECG /Resp: 5 lead ECG cable with Clip – 2 set per monitor and 10 lead ECG cable with clip – 1set per monitor.
- NIBP: Adult cuff -2nos per monitor and two sizes of Pediatric Cuffs –one per monitor. (Complete sets)
- SpO₂: Adult SpO₂ sensor with cable – two nos per monitor and Pediatric SpO₂ Sensors – one no per monitor.
- Temperature: Central temperature Probe – two per monitor and Skin temperature probe – one no per monitor

Defibrillator Monitor/ Inbuilt Recorder Biphasic with auto and manual mode up to 360 Joule : USFDA or CE (from notified body)

It should be mains and battery operated.

Can deliver at least 25 shocks with fully charged battery with the following accessories :

- Adult and paediatric paddle : 1 each
- Disposable pads : 10
- ECG Cable- 5 lead : 1
- ECG Electrodes : 100

Dual head Pressure Injector with the following: CE (from notified body)

- Flow rate -0.1-10 ml/sec, Volume- 1 ml to syringe capacity, programmable pressure limit of 325 psi with 200 ml disposable sterile syringes. Syringe heater range 35 deg C+/- 5 deg C. Should be provided with head mounting device and integral IV pole.
- 100 no's syringes with tubing's to be provide with the machine.
- Unit will be provided with display monitor to provide Pressure Monitor graph, Flow Profile, Stop Watch Feature, Scan Display, multiphase capability and protocol locking capabilities.

Warranty:

Five years comprehensive onsite warranty for entire CT system (X-ray TUBE and all accessories) including all turn key items (UPS, batteries, AC).

Documentation

- User manual in English incorporating the newer applications.
- Service manual in English
- Log book with instruction for daily , weekly, monthly and quarterly maintenance checklist.
- The job description of the hospital technician and company service engineer should be clearly spelt out
- Adequate books and journals within the warranty period.

SECTION –VI

ANNEXURES

**(Technical Bid, Price Bid, Agreement,
Undertaking for CMC)**

CHECK LIST

(To be submitted in Cover A Technical Bid)

Note : The documents has to be arranged serially as per the order mentioned in the check list

Please put  in the respective box

COVER – A (TECHNICAL BID)
NOT

DOCUMENTS : SUBMITTED OR

- | | | | | | | |
|---|-------------|----------------------|-----|----------------------|-----|----------------------|
| 1. Details of the Item (s) – Annexure II | Page
No | <input type="text"/> | Yes | <input type="text"/> | No | <input type="text"/> |
| 2. Tender document Fee | Page
No | <input type="text"/> | Yes | <input type="text"/> | No | <input type="text"/> |
| 3. Earnest Money Deposit | Page
No. | <input type="text"/> | Yes | <input type="text"/> | No | <input type="text"/> |
| 4. Details of Manufacturing Unit / contract person
Liaisoning agent / servicing centre (Annexure III) | Page
No. | <input type="text"/> | Yes | <input type="text"/> | No | <input type="text"/> |
| 5. Declaration form (Annexure -IV) signed
by the Tenderer & affidavit before
Notary Public / Executive Magistrate | Page
No. | <input type="text"/> | Yes | <input type="text"/> | No | <input type="text"/> |
| 6. Manufacturer's Authorization Format
(Annexure – V) (for distributor/Importer)
(Item wise) | Page | <input type="text"/> | Yes | <input type="text"/> | No | <input type="text"/> |
| 7. Proof of avg. Annual turnover
for preceding 3 financial years (for manufacturer /
Importer) / Proof of Annual turnover for preceding 3 financial years for authorized
distributor as well as manufacturer/Importer (in case of distributor) (Annexure - VI) | Page
No. | <input type="text"/> | Yes | <input type="text"/> | No. | <input type="text"/> |
| 8. Performance Statement
during the last three years (Annexure -VII) | Page
No. | <input type="text"/> | Yes | <input type="text"/> | No | <input type="text"/> |
| 9. Copies of Purchase order
in support of the performance statement | Page
No. | <input type="text"/> | Yes | <input type="text"/> | No | <input type="text"/> |
| 10. Deviation/No deviation Statement & details
of technical specification (Annexure -VIII A & B) | Page
No | <input type="text"/> | Yes | <input type="text"/> | No | <input type="text"/> |
| 11. Leaflets/Technical Brocheures of the
Products offered . | Page
No. | <input type="text"/> | Yes | <input type="text"/> | No. | <input type="text"/> |

12. Copy of Import license (In case of Importer)	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="padding: 2px;">Page</td> <td style="width: 40px;"></td> </tr> <tr> <td style="padding: 2px;">No.</td> <td></td> </tr> </table> <table border="1" style="display: inline-table; vertical-align: top; margin-left: 10px;"> <tr> <td style="padding: 2px;">Yes</td> <td style="width: 20px;"></td> </tr> <tr> <td></td> <td></td> </tr> </table> <table border="1" style="display: inline-table; vertical-align: top; margin-left: 10px;"> <tr> <td style="padding: 2px;">No</td> <td style="width: 20px;"></td> </tr> <tr> <td></td> <td></td> </tr> </table>	Page		No.		Yes				No			
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13. Copy of Valid ISO Certificate	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="padding: 2px;">Page</td> <td style="width: 40px;"></td> </tr> <tr> <td style="padding: 2px;">No.</td> <td></td> </tr> </table> <table border="1" style="display: inline-table; vertical-align: top; margin-left: 10px;"> <tr> <td style="padding: 2px;">Yes</td> <td style="width: 20px;"></td> </tr> <tr> <td></td> <td></td> </tr> </table> <table border="1" style="display: inline-table; vertical-align: top; margin-left: 10px;"> <tr> <td style="padding: 2px;">No</td> <td style="width: 20px;"></td> </tr> <tr> <td></td> <td></td> </tr> </table>	Page		No.		Yes				No			
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14. Attested Photocopy of Up-to-date CE / US FDA/BIS Certificate (As per technical specification)	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="padding: 2px;">Page</td> <td style="width: 40px;"></td> </tr> <tr> <td style="padding: 2px;">No.</td> <td></td> </tr> </table> <table border="1" style="display: inline-table; vertical-align: top; margin-left: 10px;"> <tr> <td style="padding: 2px;">Yes</td> <td style="width: 20px;"></td> </tr> <tr> <td></td> <td></td> </tr> </table> <table border="1" style="display: inline-table; vertical-align: top; margin-left: 10px;"> <tr> <td style="padding: 2px;">No</td> <td style="width: 20px;"></td> </tr> <tr> <td></td> <td></td> </tr> </table>	Page		No.		Yes				No			
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15. Attested Photocopy of Up-to-date IEC Certificate (As per technical specification)	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="padding: 2px;">Page</td> <td style="width: 40px;"></td> </tr> <tr> <td style="padding: 2px;">No.</td> <td></td> </tr> </table> <table border="1" style="display: inline-table; vertical-align: top; margin-left: 10px;"> <tr> <td style="padding: 2px;">Yes</td> <td style="width: 20px;"></td> </tr> <tr> <td></td> <td></td> </tr> </table> <table border="1" style="display: inline-table; vertical-align: top; margin-left: 10px;"> <tr> <td style="padding: 2px;">No</td> <td style="width: 20px;"></td> </tr> <tr> <td></td> <td></td> </tr> </table>	Page		No.		Yes				No			
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16. Photocopy of PAN	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="padding: 2px;">Page</td> <td style="width: 40px;"></td> </tr> <tr> <td style="padding: 2px;">No.</td> <td></td> </tr> </table> <table border="1" style="display: inline-table; vertical-align: top; margin-left: 10px;"> <tr> <td style="padding: 2px;">Yes</td> <td style="width: 20px;"></td> </tr> <tr> <td></td> <td></td> </tr> </table> <table border="1" style="display: inline-table; vertical-align: top; margin-left: 10px;"> <tr> <td style="padding: 2px;">No</td> <td style="width: 20px;"></td> </tr> <tr> <td></td> <td></td> </tr> </table>	Page		No.		Yes				No			
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17. Photocopy of VAT clearance certificate	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="padding: 2px;">Page</td> <td style="width: 40px;"></td> </tr> <tr> <td style="padding: 2px;">No.</td> <td></td> </tr> </table> <table border="1" style="display: inline-table; vertical-align: top; margin-left: 10px;"> <tr> <td style="padding: 2px;">Yes</td> <td style="width: 20px;"></td> </tr> <tr> <td></td> <td></td> </tr> </table> <table border="1" style="display: inline-table; vertical-align: top; margin-left: 10px;"> <tr> <td style="padding: 2px;">No</td> <td style="width: 20px;"></td> </tr> <tr> <td></td> <td></td> </tr> </table>	Page		No.		Yes				No			
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18. Copy of original Tender and schedules, duly signed by the Tenderer	<table border="1" style="display: inline-table; vertical-align: top;"> <tr> <td style="padding: 2px;">Page</td> <td style="width: 40px;"></td> </tr> <tr> <td style="padding: 2px;">No.</td> <td></td> </tr> </table> <table border="1" style="display: inline-table; vertical-align: top; margin-left: 10px;"> <tr> <td style="padding: 2px;">Yes</td> <td style="width: 20px;"></td> </tr> <tr> <td></td> <td></td> </tr> </table> <table border="1" style="display: inline-table; vertical-align: top; margin-left: 10px;"> <tr> <td style="padding: 2px;">No</td> <td style="width: 20px;"></td> </tr> <tr> <td></td> <td></td> </tr> </table>	Page		No.		Yes				No			
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Annexure II
(Refer Clause No. 3.2)

(To be submitted in *Cover A -Technical Bid*)

DETAILS OF THE ITEMS QUOTED

Name of Item	Name of Manufacturer	Country of Origin	Make	Model Name	*Details of offered product at Page No. (s)
CT Scan (16 Slice)					

Signature of the Tenderer :

Date :

Official Seal:

--

Annexure IIA

(To be submitted in *Cover A -Technical Bid*)

DETAILS OF EMD SUBMITTED

Sl.	Draft No. & Date	Name of the Bank	EMD Amount (Rs.)
		TOTAL (Rs.)	

Signature of the Tenderer :

Date :

Official Seal:

ANNEXURE – III

(Refer Clause No. 3.5)

(To be submitted in ***Cover A -Technical Bid***)**DETAILS OF THE TENDERER & LOCAL SERVICE CENTRE**

	Corporate Office (The address in which the purchase orders and payment details will be communicated)	Address of Local Contact Person / Branch Office / Zonal Office / Address of Service Centre if any, in Odisha / Eastern India
Name & Full Address		
Telephone Nos., landline		
Mobile		
Fax		
E – Mail		
Date of Inception	(Copy of Certificate of incorporation of Manufacturer)	
Name of the issuing authority		
Import License (in case of Importer only)		
VAT validity	(Furnish photocopy of VAT)	
PAN	(Furnish photocopy of VAT)	
Details of the Service Centre Facilities (in Odisha /Eastern India)		

**Signature of the Tenderer :
with seal****Date :****Official Seal :**

(To be submitted in ***Cover A -Technical Bid***)

DECLARATION FORM

I / Wehaving My /
ouroffice
at.....do declare that I / We have
carefully read all the terms & conditions of tender of the _____, Odisha for
the supply of medical equipments. The approved rate will remain valid for a period of one
year from the date of approval. I will abide with **all the terms & conditions** set forth in
the **Tender Reference no.** _____

I/We do hereby declare I/We have not been de-recognised / black listed by any
State Govt. / Union Territory / Govt. of India / Govt. Organization / Govt. Health
Institutions for supply of Not of Standard Quality items / non-supply.

I/We agree that the Tender Inviting Authority can forfeit the Earnest Money
Deposit and or Performance Security Deposit and blacklist me/us for a period of 3 years if,
any information furnished by us proved to be false at the time of inspection / verification
and not complying with the Tender terms & conditions.

I / Wedo
hereby declare that I / we will supply the _____ as per the terms, conditions
& specifications of the tender document. I / we further declare that I / we have a service
centre / will establish a service centre within one month of installation of the equipment in
Odisha.

Signature of the bidder :

Seal

Date :

Name & Address of the Firm:

Affidavit before Executive Magistrate / Notary Public.

(To be submitted in ***Cover A -Technical Bid in case the bidder is not the Manufacturer***)
MANUFACTURER’S AUTHORISATION FORMAT

To

The Joint Director,
State Drug Management Unit, In front of Ram Mandir Square,
Bhubaneswar -1, Odisha.

Ref: Tender No. _____ Dated _____ for _____.

Dear Sir,

We, _____ are the manufacturers of _____
_____ (name of equipment(s) and have the manufacturing
factory at _____.

1. Messrs _____ (name and address of the agent) is our
authorized importer / distributor for sale and service of _____
[name of equipment(s)]
2. We confirm that **no supplier or firm or individual other than** Messrs _____
_____ (name of the above distributor) is authorized to submit a tender
and enter into a contract with you for the above goods manufactured by us.
3. We also extend our full warranty (5 years comprehensive warranty) and also full
back-up support for 5 years AMC/CMC after the warranty period as required by the
purchaser.
4. We undertake that we have adequate infrastructure and spare part support to carry
out the warranty and AMC/CMC services and do accept to provide uptime
guarantee of 95% as per this tender clause No. 13.1.

Yours faithfully,

(Signature with date, name and designation)

For and on behalf of Messrs _____
(Name & address of the manufacturers)

Seal
Note :

1. This letter should be **original** on the **letterhead** of the **manufacturer** and should
be signed by a person having the power of attorney to legally bind the
manufacturer.
2. Original letter shall be attached to the technical bid.

(To be submitted in **Cover A -Technical Bid**)

ANNEXURE – VI

(Refer Clause No. 3.8)

(To be furnished in the **letter head** of the Auditor/ Chartered Account)

ANNUAL TURN OVER STATEMENT

The Annual Turnover for the last three financial years of M/s_____who is a Manufacturer /Distributor/Importer (Pl. tick whichever is applicable) are given below and certified that the statement is true and correct.

Sl.No.	Year	Turnover in (Rs.)
1.	2009 - 2010	-
2.	2010 - 2011	-
3.	2011 – 2012	-
	Or	
	2012-2013 (if audited)	
Average Annual Turnover (for the above three years) in (Rs.) _____		

Date:
Place:

Signature of Auditor/
Chartered Accountant
(Name in Capital)

Seal

Membership No.-

Registration No. of Firm

Note:

- To be issued in the **letter head** of the Auditor/Chartered Accountant mentioning the Membership no.
- The authorized distributor has also to furnish his turnover statement in the above format.

(To be submitted in **Cover A - Technical Bid**)

Annexure VII (Refer Clause no. 3.9)
PROFORMA FOR PERFORMANCE STATEMENT

(during the period of last **three years**)

(Pl. Furnish order copies of the clients serially, the names of which are mentioned below)

Tender Reference No. :

Name of Tenderer :

Name of Manufacturer :

Name of the Item :

Sl.	Order placed by (Address of purchaser) (attach documentary proof)*	Order no. & Date	Item Name	Make & Model	Qty	Value of Contract (Rs.)	Date of Completion		Reasons for delay if any	Have the goods been functioning satisfactorily (attach documentary proof)**
							As per contract	Actual		
1										
2										
..										
..										
			Total Qty							

(attach separate sheets if the space provided is not sufficient)

Signature and seal of the Tenderer

- * The documentary proof will be **copies of the purchase order** (during the last 3 years) indicating Contract No. and date along with a notarized certification (by the bidder) authenticating the correctness of the information furnished.
- ** The documentary proof will be certificate from the consignee/end user indicating Contract No. and date along with a notarized certification (by the bidder) authenticating the correctness of the information furnished.

(To be submitted in *Cover A -Technical Bid*)

Annexure VIIIA
(Refer Clause No. 3.10)

STATEMENT REGARDING DEVIATIONS FROM TECHNICAL SPECIFICATIONS (IF ANY)

Following are the Technical deviations and variations from the purchaser's Technical Specifications.

Sl. No.	Item Name	Clause of Technical Specification	Statement of Deviations / Variations if any
1			
2			
..			
..			
..			

(attach separate sheets if the space provided is not sufficient)

In case there is no deviation from technical specification, Pl. Mention ***No Deviation.***

Signature of the Bidder

Name :

Date :

Place :

Seal

(To be submitted in **Cover A -Technical Bid**)

Annexure VIII B (Refer Clause No. 3.10)

DETAILS OF TECHNICAL SPECIFICATION COMPLIANCE OF THE PRODUCT OFFERED BY THE BIDDER

Tender Specification	Bidder's Compliance (Also mention the Page No. of the technical brochure)
Multi Slice Spiral CT Scanner for high resolution whole body scanning including Vascular application. The system should be capable of acquiring 16 Slices per rotation. Latest slip ring technology. True isotropic volume acquisition and sub millimetric resolution.	
DICOM Ready	
Upgradability to higher level of slices possible.	
<u>CT Procedures</u> • Contrast Media Tracking • CT Angiography • CT Pulmonary Angiography • CT Fluoroscopy for Biopsy • Advances 3D analysis • Dynamic cerebral perfusion mapping • Head CT • Thoracic CT • Abdominal CT • Pelvic CT • Skeletal CT • Interventional CT	
<u>Gantry</u> • Aperture >= 70 cm • Control Panel: on either side • Positioning Lights. • FOV >= 50 cm • Tilt-Remote >= +/- 30 deg.	
<u>X-Ray Generator:</u> • High Frequency type • Power output >=60 KW • mA Range : up to 500 mA (With incremental steps of 10 mA)	
<u>X-Ray Tube</u> • Tube current : up to 500mA • Real Time mA modulation for dose regulation. • Tube Voltage: 80 -140 KV • Anode Heat Storage Capacity- should be 8 MHU or more • Anode Temp Monitoring System. • Heat Dissipation: >= 800KHU/minute • Filter and beam limiting devices: • Smaller Focal Spot size and number • The tube should have dynamic focal spots. • The X-ray cooling unit should be inbuilt in the gantry.	
<u>Warranty of tube : Comprehensive warranty for all parts including X-ray tubes for 5 years irrespective of number of scans.</u>	

<u>PATIENT TABLE</u> • Minimum Load capacity of at least 200Kg with 1 mm positioning accuracy. • Table speed Horizontal ≥ 100 mm/sec. • Vertical Table travel: ≤ 50 mm/sec • Minimum table top height should be 55cm or less from the ground level for easy transportation of trauma patient. • Longitudinal Scan Range: at least 130cm or more • Manual movement of the table should be possible in case of power failure. • Reproducing positional accuracy should be mentioned. • Remote Up/Down and forward /backward should be standard. • Facility of positioning aid for horizontal Isocentric positioning of the patient. • Carbon Fibre Table Top.	
<u>SPIRAL CT</u> • Scan Time ≤ 0.5 Sec for full 360 deg rotation. • Min slice thickness ≤ 0.625 mm • Max slice thickness ≤ 10 mm • Slice increment.-specify scan and selectable slice thickness • Pitch Factor (volume pitch): variable between 0.5 sec to 2 sec or more and should be user selectable. Specify all possible pitch selections. • Single Continuous spiral on time should be at least 100 sec. • Should optimize radiation dose and resolution for each selection. • Bolus Triggered Spiral acquisition should be possible. • Facility of multi-spiral, bi-directional spirals and back to back spirals.	
<u>TOPOGRAM:</u> • Length and width: Specify the range • Scan Time: Specify the range • Views: Frontal & lateral views. • Should be able to interrupt acquisitions manually once the desired anatomy is obtained	
<u>Data Acquisition System:</u> • Detector- Capable acquiring 16 Slices per 360° rotation • Total effective length of detector array at isocenter should be 20 mm . • Inbuilt mechanism for adapting the tube current during each scan this should enable radiation dosage reduction where body part thickness is less. • Detector system should not require frequent calibration. • Inbuilt paediatric protocols.	

IMAGE RECONSTRUCTION: • Real Time reconstruction speed: 5 images per sec or more at 512x512 matrix. • Display Matrix: >=1024x1024 • Reconstructed slice thickness: 1mm- 10mm. freely selectable Scan Field and reconstructed field.	
MONITORS: • Resolution: 1280x1240 • Pixel Size < 0.3 mm. • Two number of Flat screen medical grade TFT Type of at least 19" with fast image refresh rate should be fast and preferably instantaneous and flicker free. • Should be non interlaced and progressive display type & sturdy.	
Operator Console: • Should perform Registration, scheduling, protocol selection, volume rendering, Volume measurements, Multiplaner Reconstruction, and standard evaluation application and all available post processing functions without the help of the satellite workstation as well as film exposure. • Raw Data storage with at least 800 GB Hard disc having a minimum of 2,00,000 image storing capacity in 512x512 format. Consoles Common Feature: • The two sets of workstation should be interconnected by ISDN Lines (to be provided by the vendor) for two way transfer of images and reports. • Spatial alignment and visualization of two different data sets of one patient generated on different modalities or with different acquisition time.. • Post Processing Software: Perfusion CT, VRT, MIP, SSD, Image Fusion, Vessel segmentation, Virtual Endoscopy software to be provided on both the workstation. • Cine display should be available, both interactive and automatic • Window width and centre should be freely selectable. • Patient online Registration, pre registration facility and transfer of information from HIS/RIS via DICOM should be possible.	
An independent satellite workstation with Hard Disc of 800GB or more , capable of simultaneous viewing of all post processing functions and filming independently without the help of main console .Data transfer between the operator console & the satellite workstation should be instantaneous	

Additional fully functional independent workstation of similar capability as satellite workstation should be installed in Radiology department.	
Image Evaluation Tools: • Parallel evaluation of multiple ROI in circle, irregular and polygonal forms. • Statistical Evaluation for area/ volume, S.D, Mean/Max and Histograms. • Profile cuts: horizontal, vertical and oblique views. • Distance & angle measurement, freely selectable positioning of co-ordinate system, grid and image annotation. • Dynamic evaluation of contrast enhancement in organs and tissues, calculation of time-density, curves, peak enhancement images and time-to-peak images.	
Post Processing tools • 2-D, including image zoom and pan, image manipulations, including averaging, reversal of grey-scale values, and mirroring; image filter functions, including advanced smoothing algorithm and advanced bone correction. • Real-time multi-planar reconstruction (MPR) of secondary views, with viewing perspectives in all planes including curved & orthogonal MPR. • Standard 3D applications: CT angiography, MIP, MinIP, SSD, VRT, and other advanced 3D applications and colour coding for different tissues. • 3D images for CT guided biopsy, 3D virtual endoscopy, colonoscopy, bronchoscopy should be possible. • DSA and advanced neurological imaging packages should be provided. • Spatial alignment and visualisation of two different data sets of one patient generated on different modalities or with different acquisition times. - • Perfusion CT for study of brain. Liver, kidney, pancreas etc. • Volume measurements. • Fusion of morphological data obtained on CT, MR or DSA.	
Patient communication system: An integrated intercom and Automated Patient Instruction System (API) should be provided	
Image quality: • Low contrast resolution - specify low contrast resolution of 5mm with 20cm CATPHAN phantom. • Specify High contrast resolution at 15 lp/cm or higher 0% and 10% with full FOV. • Specify Cross-field homogeneity	

<u>Image documentation</u> A. Dry View Imaging Camera with the following specifications: • Dry Laser Technology • Resolution :12 bits/ 500 dpi • Supports 5 Multiple Film Sizes: one of which must be 17"x14" • Must have 3 or more online film tray sizes. • DICOM Compatible Attach conformance statement. B. State of the art Laser color printer: • Color Dry Printer for printing Film Quality Images on plain paper. • DICOM Compliant • Laser/Thermal Dye Sublimation Technology for B/W or Color Printing • Resolution: 1200x1200 dpi. • More than 20 ppm.	
<u>CONNECTIVITY AND ARCHIVAL</u> • DICOM connectivity should be optimised for networking with other imaging systems. • DICOM converters for linking the camera with other imaging systems of the department should be provided, <i>if</i> required separately. • It should have sufficient memory to store images from the CT as well as other system connected to it. • Filming parallel to other activities, including independent scanning, documentation and post-processing and configurable image text. • Archiving: DVD/CD writer should be provided for archival. Specify minimum number of uncompressed and compressed images that it can store per disc. Option of viewing these discs on any PC without DICOM viewer should be available.	
<u>Upgradeability</u> • Software upgrades that enhance existing applications must be provided by the vendor indefinitely at no cost to the purchaser. These no charge upgrades shall include any circuit boards or parts if software is added to enhance existing capabilities. • System should have capability to being upgraded as new technology emerges for at least 7-10years • Additional or new software must have the capability of being downloaded by remote computer access. Software must include a free trial period before purchase.	

<u>Power Supply</u> • Power input to be 220-240VAC, 50Hz,/440 V 3 Phase as appropriate fitted with Indian plug • Resettable over current breaker shall be fitted for protection • On line UPS of suitable rating of 30 mints backup shall be supplied for the complete system including computer system.	
<u>System configuration Accessories, spares and consumables</u> • Collapsible wheel chair with rubberized swivel wheels : 02 • Standard Patient positioning acc and restraining devices : 02 sets • Good quality light weight vinyl Lead Aprons of .5mm lead equivalent : 10nos • Lead Glass 150x100cmx 2mm lead : 1nos • Double rows LED view boxes 4 in each row : 2nos • Patient transport trolley : 2nos • Instrument trolley : 2nos	
<u>Turn key</u> • A complete site preparation plan will be required to be submitted along with its financial Components in separate cover as a turnkey project. The vendor will be eligible to inspect the proposed site after obtaining permission. Care must be taken to address placement of the equipment, sitting, viewing and reporting area, patient preparation space, storage area etc. • Requirements of power and air conditioning must be clearly specified in a separate section of the offer. The temperature of the gantry room to be maintained at 20 deg C • All turnkey work proposed by the selected firm will require approval of competent authorities of the institute before implementation • The vendor should give the rates for the following including unit rates which will be taken into account at the time of evaluation. The payment will be made as per actual work done to the satisfaction of the authority. ❖ Concreting and tiling : 500 sq-feet ❖ Split type AC : 10 nos of 2 tons of 5star rating ❖ Cabling cost (per Running Meter including material cost) for console to independent workstation and from electrical point to the machine and other cablings: Cost for 50 Running meters is to be quoted for evaluation purpose.	

❖ Lead Glass Window : 1 No. ❖ Lead Sheet Door : 1 No. ❖ False Ceiling : 500 sq-feet ❖ Post processing room chairs : 10nos ❖ Doctor's Executive Chair : 2nos ❖ Table for reporting(wood) : 2nos ❖ Patient waiting chair : 2 nos (5 in one row)	
Standards and safety • Should be USFDA or CE (notified) approved CT Scan • Electrical safety conforms to standards for electrical safety IEC-60601 • Lead Glass window as per room requirement • Safety aspects of Radiation dosage leakage should be spelt out • Should comply with AERB Guidelines for radiation leakage • User Training for two radiologists, two technicians and two biomedical engineers. Radiologists to be trained for clinical whereas the technician and biomedical engineers to be trained for operation and day to day maintenance of the unit. • Specify the year of launch of the particular model. Models launched 2-3 years back will be preferred. • Fire fighting and Security System with inbuilt alarm, smoke detector system to be connected to main hospital control system.	
Non Invasive Monitor of 12" screen with TFT colour display with the following accessories: <u>USFDA or CE (notified)</u> • ECG /Resp: 5 lead ECG cable with Clip – 2 set per monitor and 10 lead ECG cable with clip – 1set per monitor. • NIBP: Adult cuff -2nos per monitor and two sizes of Pediatric Cuffs –one per monitor. (Complete sets) • SpO₂: Adult SpO₂ sensor with cable – two nos per monitor and Pediatric SpO₂ Sensors – one no per monitor. • Temperature: Central temperature Probe – two per monitor and Skin temperature probe – one no per monitor	
Defibrillator Monitor/ Inbuilt Recorder Biphasic with auto and manual mode up to 360 Joule : <u>USFDA or CE (notified)</u> It should be mains and battery operated. Can deliver at least 25 shocks with fully charged battery with the following accessories : • Adult and paediatric paddle : 1 each • Disposable pads : 10 • ECG Cable- 5 lead : 1 • ECG Electrodes : 100	

<u>Dual head Pressure Injector with the following: CE (notified)</u> • Flow rate -0.1-10 ml/sec, Volume- 1 ml to syringe capacity, programmable pressure limit of 325 psi with 200 ml disposable sterile syringes. Syringe heater range 35 deg C+/- 5 deg C. Should be provided with head mounting device and integral IV pole. • 100 no's syringes with tubing's to be provide with the machine. • Unit will be provided with display monitor to provide Pressure Monitor graph, Flow Profile, Stop Watch Feature, Scan Display, multiphase capability and protocol locking capabilities.	
<u>Warranty:</u> Five years comprehensive onsite warranty for entire CT system (X-ray TUBE and all accessories) including all turn key items (UPS, batteries, AC).	
<u>Documentation</u> • User manual in English incorporating the newer applications. • Service manual in English • Log book with instruction for daily , weekly, monthly and quarterly maintenance checklist. • The job description of the hospital technician and company service engineer should be clearly spelt out • Adequate books and journals within the warranty period.	

ANNEXURE IX

(To be submitted in COVER B - PRICE BID)

List of Enclosures to be submitted in Price Bid :

- 1) Price schedule format duly filled in and signed by the authorized signatory with company seal**
- 2) Photocopy of up-to-date Odisha VAT clearance certificate (In case VAT is payable to Govt. of Odisha)**

FORMAT - PRICE SCHEDULE

Whether depot. inside Odisha, i.e. VAT paid to Government of Odisha: Yes / No

If Yes, Depot. Address :

Name of the Item (s) (Items mentioned in the schedule of requirement)	Make & Model	Unit Price of with all Consumables & accessories (as mentioned in technical specification) which includes excise duty / customs duty, packing, insurance, forwarding / transportation (door delivery) with 5 (five) years onsite warranty & excludes VAT/CST / entry tax	CMC (excluding Service Tax) for five years after expiry of five years warranty period (please mention on yearly basis)	**Cost of Turnkey (all accessories for installation & commissioning including all taxes for turnkey in Rs. (Door delivery & installation)	*Total Cost of the Item (Unit Price with CMC & Turnkey if any) (Exclusive of CST/VAT & ET)	CST/VAT & ET (if any) on & above the item price mentioned in (3) (Mention whether CST / VAT and Entry Tax (ET), the % of tax & it's value in Rs.)	In Case of VAT, pl. Mention whether VAT is payable to Govt. of Odisha *** (Yes/No)
(1)	(2)	Cost in Rs. (both in words & figures)	(4)	(5)	6=3+4+5	7	8
			1 st year after warranty: 2 nd year after warranty: 3 rd year after warranty: 4 th year after warranty: 5 th year after warranty: Total :			CST (%): OR VAT(%) : ET(%) :	

Note : Form “C” or Form “D” shall **not be issued** by the tender inviting authority (accordingly, the tax should be mentioned at col. 7 above).

* CST/VAT & ET which will be chargeable on the price (3) shall be mentioned separately in column 7 above.

** The cost of turnkey accessories/equipment is to be quoted after referring the turnkey requirement mentioned in the technical specification required for installation & commissioning. In case of turnkey, the detail price breakup of the price mentioned in column 5 is to be mentioned in Annexure - IXB

*** In case the VAT is payable to Govt. of Odisha, pl. furnish a copy of the up-to-date Odisha VAT clearance certificate.

Signature of the Bidder:

Name :

Date :

Place :

Seal

1. Rates should be quoted both in figures & words and if there is any discrepancy, the quoted rates in words will be taken for evaluation.
2. The tenderer has to mention the make / brand, specification, warranty of all the items in turn key.

FORMAT - PRICE SCHEDULE**PRICE BREAKUP OF TURNKEY COST required for installation & commissioning of CT Scan Machine**

Sl.	Name of the Items of Turnkey (As mentioned under turnkey in Technical specification)	Make & Model (Wherever Applicable)	Unit Price (inclusive of Tax)	*Unit / Qty	Total Turnkey Cost (Rs.) (inclusive of Tax)
	(1)	(2)	(3)	(4)	(3) x (4)
1	Concreting and tiling (with material & labour) : (Rate to be quoted per Sq. Ft)			500 Sq. Ft	
2	False Ceiling (with material & labour) : (Rate to be quoted per Sq. Ft)			500 Sq. Ft	
3	Lead Window fitting & Furnishing (with material & labour)			1	
4	Lead Sheet Door fitting & Furnishing (with material & labour)			1	
5	Split type AC : 10 nos. of 2 Tons of 5 star rating			10	
6	Fire extinguisher, Alarm with Smoke detector			(Qty to be quoted as per safety norm for 500 Sq.ft.)	
7	Cabling for console including material & labour to independent workstation and from electrical point to the machine and other cablings (Rate to be quoted per Running Meter)			50 Running Meter	
8	Post processing room Chairs : 10 nos.			10	
9	Doctors Executive Chair : 2 nos.			2	
10	Table for reporting(wood) : 2 nos.			2	
11	Any Other item(s) required for installation & commissioning				
	TOTAL (Rs.)				
	TOTAL (In Words) :				

Note :

Total Price of turnkey should be the same as mentioned in column 5 of the Annexure IX –A.

***The quantity/Unit of turnkey items mentioned above shall be taken into account for evaluation purpose only. However, payment shall be made based on the actual qty. / Sq. Ft. /Running Meter (as applicable) after measurement/ inspection of the same.**

Signature of the Bidder:

Name :

Date :

Place :

Seal

ANNEXURES

**(Agreement, Warranty and CMC Undertaking to
be submitted at the time of award of contract)**

(to be submitted on Rs.100/- stamp paper)

AGREEMENT

THIS AGREEMENT IS MADE AT _____ THIS THE DAY OF _____ 2014

BETWEEN

Name of the Supplier
with full address

Here in after called the “Supplier(s) _____” as 1st Party

AND

The C.D.M.O., _____ (*name of the District*)
Health & F.W. Department, GoO
Represented through the

_____ / **THE CONSIGNEE**
Hereinafter called the “PURCHASER” _____ as 2nd Party.

Relying on the documents and representation of facts connected to the issue of aforesaid parties to undertake the responsibilities of sell and purchase of following equipment(s) etc. with the terms & conditions hereinafter laid down.

And whereas the 2nd party “Purchaser(s)” is willing to purchase

Name of the Item:

Specifications: As per specifications laid down in the Tender terms & conditions

The Supplier(s) has agreed to sell the equipment(s) completed in all respects according to the Tender requirements and their / his offer dtd. _____ and the Supplier(s) has also agreed to install to make them operative at the destination mentioned in the Tender document with the following descriptions and their cost mentioned against each.

<u>Description of goods</u>	<u>Qty</u>	<u>Price</u>	<u>Total</u>
-----------------------------	------------	--------------	--------------

The price / cost of the item also include the followings in addition to above.

1. Insurance
2. Freight
3. Transportation
4. Customs duty / Excise duty
5. Charges for documents, instructions manual, tools

6. F.O.R. at the destinations mentioned in the consignee list
7. Training to doctors & technicians.
8. Maintenance of the system includes all accessories supplied and their spare parts required during comprehensive warranty period of two year at free of cost from the date of successful installation and satisfactory functioning of the system at the site.
9. Installation and commissioning of the system by the Supplier's engineer at site.
10. Any other charges including loading & unloading, packing & forwarding etc. will be paid by the Supplier(s) till the completion of the installation and turnkey job if any.

CMC cost for next 5 (five) years after the warranty period shall be paid after completion of the warranty period (on a six monthly basis).

TERMS AND CONDITIONS:-

PRICE :

Only the price quoted by the Supplier(s) in his / their financial proposal will be the price for payment and no other price escalation will be allowed at any circumstances.

SUPPLY

The supply should be completed within 45 days from the date of issue of purchase order unless otherwise specified. If no supply is received even after 45 days or 73 days with liquidated damage from the date of issue of the purchase orders , such orders will stand cancelled automatically without further notice. Penalties shall also thereafter be applied to the tenderer as specified under Penalty. The approved firm shall also suffer forfeiture of the EMD and Performance Security Deposit.

LIQUIDATED DAMAGE :

The C.D.M.O. of the concerned district may allow extension for a maximum period of 4 (four) weeks (28 days), after the stipulated date of supply (i.e. 45 days) with a penalty of 0.5% which will be deducted from the purchase order value as "Liquidated Damage", for each week (7 days) of delay upto a maximum 2% on the value of the goods.

If the supplier fails to complete the supply within the extended period, i.e. 73 days after being allowed by the purchaser with LD, no further purchase order will be placed to the firm for the said item including forfeiture of the Performance security and the concerned firm will be blacklisted for two (2) years from the date of issue of letter for the said item.

TERMS FOR PAYMENT :-

A. The payment(s) shall be made by purchaser in Indian currencies. No advance payments towards cost of Instruments and Equipments etc. will be made to the tenderer. No payment will be made to the supplier if he has not deposited the unconditional performance security in shape of Bank draft/bank gurantee amounting to 10% of the purchase order value which will be deposited with the O/o of the concerned CDMO of the district.

90% of the cost of the equipment (excluding CMC Cost)+100% turnkey +100% tax shall be released to the supplier on receipt of stock entry certificate and installation certificate (that it is

working) from the consignee. The remaining ten percent (10%) will be released after satisfactory working certificate received from the consignee after 6 weeks of installation subject to submission of performance security (10% of P.O. Value).

B. Before release of payment the supplier has to submit the signed agreement, warranty documents of equipment and turnkey job to the consignee. The undertaking as per Annexure – XI & XII will also be submitted to the consignee with photocopies to the purchaser.

C. The payment of CMC will be made on six monthly basis after expiry of the warranty period and signing of the CMC agreement.

TURNKEY JOB:

The external power supply will be provided by the purchaser but the internal wiring and electrical fittings inside the room for installation & commissioning of the equipment and accessories will be provided by the supplier without any extra cost except mentioned in the price schedule (This cost is to be included in the cost of turnkey in the price schedule).

UP-TIME BALANCE :

The Supplier (s) shall provide guarantee 95% uptime i.e. 41610 (95% of 43800 Hours) during comprehensive warranty period. The up time guarantee will be 95% as calculated here under i.e. 8322 hours per annum.

1 year – 365 days (24 working hours per day)

Total working time per annum – 365 days x 24 hrs = 8760 hrs.

Up time guarantee - 0.95 x 8760 hrs. = 8322 hrs. per annum.

For 5 years warranty = 8322 x5 = 41610 Hours

Any uptime less than specified above will be compensated by the Supplier(s). The consignee shall maintain a log-book in the format provided by the Supplier(s) which will indicate usage of the equipment every day and for calculation of up-time.

DOWNTIME PENALTY CLAUSE:

During the Guarantee / warranty period, desired uptime will be 95% of 365 days (24 hour) if downtime exceeds 5%, penalty in the form of extended warranty, double the number of days for which the equipment goes out of service will be applied. The vendor must undertake to supply all spares for optimal upkeep of the equipment for **FIVE YEARS** from the date of installation at the site. If accessories / other attachment of the system are procured from the third party, then the vendor must produce cost of accessory / other attachment and the CMC from the third party separately along with the main offer and the third party will have to sign the CMC with the consignee if required.

In no case equipment should remain in non-working condition for more than 7 working days.

The manufacturers or their agents are required to submit a certificate that they have satisfactory service arrangements and fully trained staff available to support the uptime guarantee.

COMPREHENSIVE MAINTENANCE CONTRACT:

The supplier will provide CMC for 5 (five) years after the completion of 5 years comprehensive warranty period.

INSTALLATION AND DEMONSTRATION :

The installation and demonstration of the equipment shall be done by the Supplier(s) at free of cost at the installation site of the respective institutions.

TRAINING :

Supplier(s) shall impart adequate training to 2 doctors and 2 technicians at the site / his / their factory / workshop inside / outside India as the case may be at the Supplier(s) cost.

INCIDENTAL SERVICES :

The Supplier(s) shall abide by the terms and conditions under incidental services & the installation of Instrument / Equipment at the destination point (Door Delivery) of consignee and demonstrate the machine in working condition to the receiving authority.

Furnishing of tools required for assembly and / or maintenance of the supplied Instruments / Equipments.

Furnishing of detailed operations and maintenance manual literatures for each appropriate unit of supplied Goods.

Performance or supervision or maintenance and / or repair of the supplied Goods, for a period of two (2) years i.e. the warranty period, provided that this service shall not relieve the Supplier of any warranty obligations under this contract.

The successful supplier shall replace any part or whole system as may be necessary in the event of damage during transit or found damaged on arrival or during installation of the system or if found not in conformity to the specifications at his / their own cost.

The tenderer should furnish an undertaking to the effect that he / they should take responsibility after sales service of the equipments / instruments to be supplied by him / them and to provide spare parts for up keeping the Equipments / Instruments for a minimum period of 10 years from the date of installation.

The price of the instruments / equipments is inclusive of warranty for a period of 5 (five) years commencing from the date of installation. The tenderers shall submit undertaking for C.M.C (Comprehensive Maintenance Cost) for a period of 5 (five) years from 6th year onwards duly signed by authorised signatories for the execution at appropriate time (Annexure – X & XI).

SPARE PARTS :

The supplier will provide all the spare parts, repairing & maintenance by its trained personnel after the warranty period (3 years) during the CMC period.

COMPREHENSIVE WARRANTY :

This warranty shall remain valid for five (5) years from the date of installation & commissioning of the machine / item & must be submitted at the time of installation to the consignee with a photocopy to the purchaser.

The warranty will cover all the parts of the machine or item and any replacement or repair required within the warranty period will be provided by the supplier free of cost at the destination point (Installation point). The supplier will take back the replaced parts / goods at the time of their replacement. No claim whatsoever shall be on the purchaser for the replaced parts / goods thereafter. No traveling allowances or transportation cost will be paid by the purchaser during warranty period.

The Supplier warrants that the Goods supplied under this contract are new, unused, of the most recent or current models and they incorporate all recent improvements in design and materials (even if the advanced facilities are not mentioned in our product specification). The Supplier further warrants that all Goods supplied under this contract shall have no defect arising from design, materials or workmanship (except when the design and / or material is required by the Purchaser's Specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the place of final destination.

The Purchaser / consignee shall promptly notify the Supplier in writing / Fax / Telephone of any claims arising under this warranty.

Upon receipt of such notice, the Supplier shall with all responsible speed will repair or replace the defective goods or parts thereof without cost to the purchaser to maintain its UP TIME offered in the beginning of purchase otherwise penal provisions shall apply if the supplier fails to keep up its UP TIME.

If the Supplier, having been notified, fails to remedy the defect(s) within 10 days, the Purchaser may proceed to take such remedial action as may be necessary, like forfeiture of EMD or recovery from security deposit the amount of loss (which will be decided by C.D.M.O/C.M.O./Directors) incurred by the purchaser.

GOVERNING LANGUAGE :

The contract shall be written in English language. English language version of the contract shall govern its interpretation. All correspondences and other documents pertaining to the contract which are exchanged by the parties shall be written in English.

DELIVERY OF DOCUMENT :

Four (4) copies of the Supplier invoice / bills showing purchase order number, good's description, quantity, unit price, total amount with stock entry certificate by the consignee.

Photocopy of the Insurance Certificate if any (The Original Certificate is to be given to the Consignee).

Attested Photocopy of Manufacturer's / Supplier's warranty certificate. (The original warranty certificate is to be submitted to the consignee at installation point).

INSURANCE :

For delivery of goods at site, the insurance shall be obtained by the Supplier(s) in an amount equal to 110% of the value of goods from “Warehouse” (final destination) on “All Risks” basis including natural calamities.

PACKAGING :

The supplier shall provide such packaging of the goods as is required to prevent their damage or deterioration during transit to their final destination. The packaging shall be sufficient to withstand without limitation rough handling during transit and exposure to extreme temperature, salt and precipitation during transit and upon storage. All primary packaging containers which come in contact with the item should strictly protect the quality and integrity of the Instruments & Equipments. Packing case size and weights should be taken into consideration, in case of remoteness of final destination and the absence of heavy handling facilities at all points in transit.

The packaging marking shall show the description of quantity of contents, the name of the consignee and address, the gross weight of the packages, the name of the supplier with a distinctive number of mark sufficient for purposes of identification. Each package shall contain:

- i. a packaging note quoting the name of the purchaser
- ii. the number and date of order
- iii. nomenclature of the goods
- iv. schedule of parts for each complete equipment giving part number with reference to assembly.
- v. Name & address of the consignee
- vi. Name & address of the supplier.

TERMS OF CONTRACT :

The **C.D.M.O./ Directors/ Superintendents (as the case may be)** will be at liberty to terminate the contract either wholly or in part without assigning any reason. The tenderers will not entitled to any compensation whatsoever in such terminations.

PENALTIES :

If the successful tenderer fails to execute the agreement and / or deposit the required security within the time specified or withdraws his tender after acceptance of his tender owing to any other reasons, he is unable to undertake the contract, his contract will be cancelled and the Earnest Money Deposit deposited by him along with his tender shall stand forfeited and he will also be liable for all damages sustained by the **C.D.M.O./ Directors/ Superintendents (as the case may be)** by reasons of such breach, such as failure to supply / delayed supply including the liability to pay any difference between the prices accepted by him and those ultimately paid for the procurement of the articles concerned. Such damages shall be assessed by the **C.D.M.O. / Directors / Superintendents (as the case may be)** whose decision is final & binding in the matter.

If any articles or things supplied by the tenderer have been partially or wholly used or consumed after supply and are subsequently found to be in bad order, unsound, inferior in quality or description or are otherwise faulty or unfit for consumption / use & rusted then the contract price or prices of such articles on full will be recovered from the tenderer, if payment had already been made to

him or the tenderer will not be entitled to any payment for that item & no further order will be given to him. For infringement of the stipulations of the contract or for other justifiable reasons, the contract may be terminated by the **C.D.M.O./ Directors/ Superintendents (as the case may be)** and the tenderer shall be liable for all losses sustained by the **C.D.M.O./ Directors / Superintendents (as the case may be)** in consequence of the termination which may be recovered from the Security Deposit made by the tenderer or other money due or become due to him.

Supply of sub-standard items or non - performance of tender terms & conditions will disqualify a firm to participate in the tender for the next five years.

ARBITRATIONS :

In the event of any dispute out of the contract, such dispute should be subject to the Jurisdiction of the Civil Court, **Dist.** _____ or High Court, Odisha.

CHANGE OF TERMS AND CONDITIONS :

Any amendment to the terms & conditions and clauses of the agreement if required must be done in writing duly signed by the two parties.

IN WITNESS WHERE OF the parties herein to have set and subscribed their respective hands the day and year first herein above written.

Executed by Purchaser (s) / Consignee

Executed by Supplier(s)

In presence of (Witness)

In presence of (Witness)

ANNEXURE – XI

(Refer Clause No. 11.1 to 11.6, 13.1)

**WARRANTY / GUARANTEE /CMC UNDERTAKING
(to be submitted on Rs.100/- stamp paper)**

Tender ref. No. _____

Name of the equipment:

Date of Installation:

Name of the Consignee:

Name of the purchaser:

I / we / M/s _____

hereby declare that

- i. I / we do Accept / Agree for the warranty / guarantee (5 years Warranty followed by 5 years CMC (Spares + Labour) as per this tender clause No. 11.1 to 11.6.
- ii. I / we will not charge / quote any extra price on account of the above said warranty / guarantee.
- iii. I / we do accept / agree to provide uptime guarantee 95% as per this tender clause No. 13.1.
- iv. The 5 year comprehensive warranty is valid from dt._____ to dt._____.
- v. The 5 year CMC is valid from dt._____ to dt._____.

Date:

Place:

Signature of the competent authority

on behalf of the company / firm.

Seal of the firm.

N.B: 1. To be attested by Notary Public

2. Only to be submitted by the approved supplier / tenderer to the consignee and a copy to the purchaser before release of payment.

ANNEXURE – XII

(Refer Clause No. 11.1 to 11.6 & 13.1)

UNDERTAKING

(to be submitted on Rs.100/- stamp paper)

Tender ref. No. _____

Name of the equipment:

Date of Installation:

Name of the Consignee:

Name of the purchaser:

Sir,

I / we _____ hereby
declare that

1. I / we am / are the manufacturers / authorized agents / distributors of _____.
2. I / we do accept / agree for the all clauses including the warranty 5 years followed by 5 years CMC) and payment terms and conditions of this tender.
3. I / we do hereby confirm that the prices / rates quoted are fixed and are at par with the prices quoted by me / us to any other Govt. of India / Govt. of Odisha Hospitals / Medical Institutions. I / we also offer to supply the stores at the prices and rates not exceeding those mentioned in the price bid.
4. I / we agree to abide by my / our offer for a period of 365 days from the date of approval of the tender.
5. I / we have necessary infrastructure for the maintenance of the equipment and will provide all the accessories / spares as and when required.
6. I / we also declare that in case of change of Indian Agent or for any other change, merger, dissolution solvency etc. in the organization of our foreign principles, we would take care

of the Guarantee / warranty / maintenance of the machinery / equipment and have provided written confirmation for the same.

7. I / we shall provide assistance to the consignee in clearance and delivery of store at consignee's stores / premises.
8. The demurrage / storage charges, if any, payable to the customs department, due to non-receipt of required documents in time by the hospital / delay due to incorrect entries, mistakes to the documents etc. shall be borne by me / us.
9. I / we have carefully read and understood all the terms and conditions of the tender and shall abide by them.
10. I / we undertake to get the equipment's repaired within 48 hours of receiving of the complaint from the indenting hospital / consignee failing which a penalty @ 1% of the cost may be recovered from the performance security before releasing the same to us after 3 years warranty period.

Signature of the witness
Name & address

Signature of the Tenderer
Name & address

Dated

Seal of the firm.

N.B: 1. To be attested by Notary Public

2. Only to be submitted by the approved supplier / tenderer to the consignee and a copy to the purchaser before release of payment.