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SHIMOGA INSTITUTE OF MEDICAL SCIENCES

(Autonomous Medical Institution, Government of Karnataka)

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CHECK LIST

DOCUMENTS TO BE SUBMITTED AS PER THE FOLLOWING ORDER

I. TECHNO COMMERCIAL BID

Sl.No.	Name of the Documents
01	Details of the Equipment/s, Country of Origin & Model quoted.
02	IT returns of the firm for the last 5 years & PAN Certificate
03	VAT Registration & Latest Vat Clearance Certificate
04	Proof of dealers or manufacturer's annual turnover above Rs 25 lakhs per year in the last three years.
05	Attested copy of Manufacture License for the Equipment/s, if the Tenderer is a Manufacturer.
06	Authorized Agency Certificate/s from the Principal Manufacturer in Original, If Tenderer is an Authorized Agent. Addressed to Director, SIMS, Shimoga (As per the Section XIII)
07	Self declaration stating that firm is not Black Listed with any Government / Quasi Government Organizations & will not supply refurbished equipment's
08	Experience in similar supplies for 3 years.
09	Compliance for the tender Specification and clarification for deviations
10	Firm Registration Certificate of the Tenderer
11	CE/FDA certificate
12	Service Tax Registration certificate
13	List of Items quoted as per Section XIV
14	All copies should be attested by notary.

II. PRICE BID

Sl. No.	Name of the Documents
01	Price of the Equipment quoted including all Taxes, service charges, Transportation & installation

RE- TENDERS FOR THE SUPPLY OF – EQUIPMENTS & FURNITURE

No: SIMS/Est-2/SIPDA/2016-17/ 1891

Date: 02 /02 /2017

The Director Shimoga Institute of Medical Sciences, Shimoga (Purchaser) invites tenders from eligible tenderers for the supply of the equipments as mentioned in schedule of requirement in double bid system.

1. Tenderers are advised to note the qualification criteria specified in Section VII to qualify for award of the contract.
2. **All the companies who qualify in the technical bid they should produce the samples for demonstration after the opening of Technical bid.**
3. **EMD amount of Rs. 10000/- in through e-portal under following modes. 1. Credit card, 2. Direct debit, 3. NEFT & OTC.**
4. Other details can be seen in the tender documents.
5. Successful bidders should co-ordinate the other accessories required.
6. Final payment will be made only after satisfactory installation and successful operation in few patients.

SECTION II: INSTRUCTIONS TO TENDERERS TABLE OF CLAUSES

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SECTION II: INSTRUCTIONS TO TENDERERS

k Introduction

1. Eligible Tenderers

Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by Government of Karnataka or any other state or guosi governments organizations.

B. The Tender Documents

2. Contents of Tender Documents
- 2.1 The goods required, tendering procedures and contract terms are prescribed in the tender documents. In addition to the Invitation for Tenders, the tender documents include:
 - (a) Instruction to Tenderers (ITT);
 - (b) General Conditions of Contract (GCC);
 - I Special Conditions of Contract (SCC);
 - (d) Schedule of Requirements;
 - (e) Technical Specifications;
 - (f) Tender Form and Price Schedules;
 - (g) Earnest money deposit Form;
 - (h) Contract Form;
 - (i) Performance Security Form;
 - (j) Manufacturer's Authorization / Guarantee Form

2.2 The Tenderer is expected to examine all instructions, forms, terms, and specifications in the tender documents. Failure to furnish all information required by the tender documents or submission of a tender not substantially responsive to the tender documents in every respect will be at the Tenderer's risk and may result in rejection of its tender.

3. Amendment of Tender Documents

- 3.1 At any time prior to the deadline for submission of tenders, the Purchaser may, for any reason, whether at its own initiative or otherwise, modify the tender documents by amendment.
- 3.2 All prospective tenderers who have received the tender documents will be notified of the amendment in writing or by cable or by fax, and will be binding on them.
- 3.3 In order to allow prospective tenderers reasonable time in which to take the amendment into account in preparing their tenders, the Purchaser, at its discretion, may extend the deadline for the submission of tenders.

C. Preparation of Tenders

4. Language of Tender

- 4.1 The tender prepared by the Tenderer, as well as all correspondence and documents relating to the tender exchanged by the Tenderer and the Purchaser, shall be written in English language. Supporting documents and printed literature furnished by the Tenderer may be in another language provided they are accompanied by an accurate translation of the relevant passages in English language in which case, for purposes of interpretation of the Tender, the translation shall govern.

5. Documents Comprising the Tender

- 5.1 The tender prepared by the Tenderer shall comprise the following components:
 - (a) A Tender Form and a Price Schedule completed in accordance with ITT Clauses 6, 7 and 8;
 - (b) Documentary evidence established in accordance with ITT Clause 9 that the Tenderer is eligible to tender and is qualified to perform the contract if its tender is accepted;
 - I Documentary evidence established in accordance with ITT Clause 10 that the goods and ancillary services to be supplied by the Tenderer conform to the tender documents; and
 - (d) Earnest money deposit furnished in accordance with ITT Clause 11.

k Tender Form

6.1 The Tenderer shall complete the Tender Form and the Price Schedule furnished in the tender documents, indicating the goods to be supplied, a brief description of the goods, quantity and prices.

k Tender Prices

- 7.1 The Tenderer shall indicate on the Price Schedule the unit prices and total tender prices of the goods it proposes to supply under the Contract. To this end, the tenderers are allowed the option to submit the tenders for any one or more schedules specified in the 'Schedule of Requirements' and to offer discounts for combined schedules. However, tenderers shall quote for the complete requirement of goods and services specified under each schedule on a single responsibility basis, failing which such tenders will not be taken into account for evaluation and will not be considered for award.
- 7.2 Prices indicated on the Price Schedule shall be entered separately in the following manner;
- (i) The price of the goods, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or Off-the-shelf, as applicable), including all duties and sales and other taxes Already paid or payable
 - a) On components and raw material used in the manufacture or assembly of goods quoted ex-works or ex-factory; or
 - k** On the previously imported goods of foreign origin quoted ex-showroom, ex-warehouse or off-the-shelf.
 - (ii) Any Indian duties, sales and other taxes which will be payable on the goods if this Contract is awarded;
 - (iii) The price for inland transportation, insurance and other local costs incidental to Delivery of the goods to their final destination; and
 - (iv) The price of other incidental services listed in Clause 4 of the Special Conditions of Contract
- 7.3 Prices quoted by the Tenderer shall be fixed during the Tenderer's performance of the Contract and not subject to variation on any account. A tender submitted with an adjustable price quotation will be treated as non-responsive and rejected, pursuant to ITT Clause 19.

8. Tender Currency

8.1 Prices shall be quoted in Indian Rupees:

9. Documents Establishing Tenderer's Eligibility and Qualifications

- 9.1 Pursuant to ITT Clause 5, the Tenderer shall furnish, as part of its Tender, documents establishing the Tenderer's eligibility to tender and its qualifications to perform the Contract if its tender is accepted
- 9.2 The documentary evidence of the Tenderer's qualifications to perform the Contract if his / her tender its tender is accepted, should is accepted.

- k In the case of a Tenderer offering to supply goods under the contract which the Tenderer did not manufacture or otherwise produce, the Tenderer has been duly authorized (as per authorization form in Section XIII) by the goods' Manufacturer or producer to supply the goods in India or is a Authorized Dealer of the Goods.
(The item or items for which Manufacturer's Authorization is required should be specified)
- (b) That the Tenderer has the financial, technical, and production capability necessary to perform the Contract and meets the criteria outlined in the Qualification requirements specified in Section VII.

10. Documents Establishing Goods' Conformity to Tender Documents

- 10.1 Pursuant to ITB Clause 5, the Tenderer shall furnish, as part of its tender, documents establishing the conformity to the tender documents of all goods and services which the tenderer proposes to supply under the contract..
- 10.2 The documentary evidence of conformity of the goods and services to the tender documents may be in the form of literature, drawings and data, and shall consist of:
 - (a) A detailed description of the essential technical and performance characteristics of the goods;
 - (b) A list giving full particulars, including available sources and current prices, of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period of Three years, following commencement of the use of the goods by the Purchaser;

11. Earnest Money Deposit

- 11.1 Pursuant to ITT Clause 5, the Tenderer shall furnish, as part of its tender, earnest money deposit in the amount as specified in Section-V – Schedule of Requirements.
- 11.2 The earnest money deposit is required to protect the Purchaser against the risk of Tenderer's conduct which would warrant the security's forfeiture, pursuant to ITB Clause 11.7.
- 11.3 The earnest money deposit shall be denominated in Indian Rupees and shall:
 - (a) At the tenderer's option, be in the form of a demand draft, from a nationalized Bank Located in India.
 - k Remain valid for a period of 45 days beyond the original validity period of tenders, or Beyond any period of extension subsequently requested under ITT Clause 12.2.

- 11.4 Any tender not secured in accordance with ITT Clauses 11.1 and 11.3 above (unless the category of tendere has been specifically exempted by the Government) will be rejected by the Purchaser as non-responsive, pursuant to ITT Clause 19.
- 11.5 Unsuccessful Tenderer's tender securities will be discharged/returned as promptly as possible but not later than 30 days after the expiration of the period of tender validity prescribed by the Purchaser, pursuant to ITT Clause 12.
- 11.6 The successful Tenderer's earnest money deposit will be discharged after the date of completion of the supplier performance.
- 11.7 The earnest money deposit may be forfeited:
 - (a) If a Tenderer
 - (i) Withdraws its tender during the period of tender validity specified by the Tenderer on the Tender Form : or
 - (ii) Does not accept the correction of errors pursuant to ITT Clause 19.3: or
 - (b) In case of a successful Tenderer, if the Tenderer fails:
 - (i) To sign the Contract in accordance with ITT Clause 26; or
 - (ii) To furnish performance security in accordance with ITT Clause 27.

12. Period of Validity of Tenders

- 12.1 Tenders shall remain valid for 1 year after the deadline for submission of tenders prescribed by the Purchaser, pursuant to ITS Clause 15. A tender valid for a shorter period shall be rejected by the Purchaser as non-responsive.
- 12.2 In exceptional circumstances, the Purchaser may solicit the Tenderer's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (or by cable or fax). The earnest money deposit provided under ITT Clause 11 shall also be suitably extended. A Tenderer may refuse the request without forfeiting its earnest money deposit. A Tenderer granting the request will not be required nor permitted to modify its tender.

13. Format and Signing of Tender

- 13.1 The Tenderer shall prepare two copies of the tender, clearly marking each "Original Tender" and "Copy Tender", as appropriate. In the event of any discrepancy between them, the original shall govern.
- 13.2 The original and all copies of the tender shall be typed or written in indelible ink and shall be signed by the Tenderer or a person or persons duly authorized to bind the tenderer to the Contract. The latter authorization shall be indicated by written power-of-attorney accompanying the tender. All pages of the tender, except for unamended printed literature, shall be initialed by the person or persons signing the tender.
- 13.3 Any interlineations, erasures or overwriting shall be valid only if they are initialed by the persons or persons signing the tender.

15. Deadline for Submission of Tenders

- 15.1 Tenders must be received by the Purchaser at the address specified under ITT Clause 14.2

- (a) No later than the time and date specified in the Invitation for Tenders (Section I). In the event of the specified date for the submission of Tenders being declared a holiday for the Purchaser, the Tenders will be received up to the appointed time on the next working day.
- 15.2 The Purchaser may, at its discretion, extend this deadline for submission of tenders by amending the tender documents in accordance with ITT Clause 3, in which case all rights and obligations of the Purchaser and Tenderers previously subject to the deadline will thereafter be subject to the deadline as extended.
- 16. Late Tenders
- 16.1 Any tender received by the Purchaser after the deadline for submission of tenders prescribed by the Purchaser, pursuant to ITT Clause 15, will be rejected and/or returned unopened to the Tenderer.
- 17. Modification and Withdrawal of Tenders
- 17.1 The Tenderer may modify or withdraw its tender after the tender's submission, provided that written notice of the modification or withdrawal is received by the Purchaser prior to the deadline prescribed for submission of tenders.
- 17.2 The Tenderer's modification or withdrawal notice shall be prepared, sealed, marked and dispatched in accordance with the provisions of ITT Clause 14. A withdrawal notice may also be sent by telex or cable or fax but followed by a signed confirmation copy, post marked not later than the deadline for submission of tenders.
- 17.3 No tender may be modified subsequent to the deadline for submission of tenders,
- 17.4 No tender may be withdrawn in the interval between the deadline for submission of tenders and the expiration of the period of tender validity specified by the Tenderer on the Tender Form. Withdrawal of a tender during this interval may result in the Tenderer's forfeiture of its earnest money deposit, pursuant to ITT Clause 11.7.

E. Tender Opening and Evaluation of Tenders PP

- 18. The Tender open at 3.30 pm. Hours on 21/01/2013 and in the following location:
o/o DIRECTOR, Shivamogga Institute of Medical Sciences, Shivamogga.
- 18.1 Tenders (and modifications sent pursuant to ITT Clause 17.2) that are not opened and read out at tender opening shall not be considered further for evaluation, irrespective of the circumstances.
- 18.4 The Purchaser will prepare minutes of the tender opening.

19. Preliminary Examination

- 19.1 The Purchaser will examine the tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the tenders are generally in order. Tenders from Agents /Authorized Dealers, without proper authorization from the manufacturer as per Section XIII, shall be treated as non-responsive.

- 19.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the lower of the two will prevail. If the supplier does not accept the correction of errors, its tender will be rejected and its earnest money deposit may be forfeited.
- 19.3 The Purchaser may waive any minor informality or non-conformity or irregularity in a tender which does not constitute a material deviation, provided such a waiver does not prejudice or affect the relative ranking of any Tenderer.
- 19.4 Prior to the detailed evaluation, pursuant to ITT Clause 20, the Purchaser will determine the substantial responsiveness of each tender to the tender documents. For purposes of these Clauses, a substantially responsive tender is one which conforms to all the terms and conditions of the tender documents without material deviations. Deviations from or objections or reservations to critical provisions such as those concerning Performance Security (GCC Clause 4). Warranty (GCC Clause 12), Applicable law (GCC Clause 19), and Taxes & Duties (GCC Clause 21) will be deemed to be a material deviation. The Purchaser's determination of a tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence.
- 19.5 If a tender is not substantially responsive, it will be rejected by the Purchaser and may not subsequently be made responsive by the Tenderer by correction of the non-conformity.
- 19.6 After preliminary examination the purchaser will call for demonstration of the equipment wherever necessary. The model quoted should be demonstrated to the satisfaction of the technical expert appointed by the purchaser. All queries of the technical expert should be properly clarified. Any minor deviations from the specification should be justified at this stage. All the clarification from the bidder should be submitted in the written form.
- 19.7 Purchaser has the right to accept minor deviations if any from the tender specification, provided those deviations do not affect the overall performance & desired function of the equipment.

20. Evaluation and Comparison of Tenders

- 20.1 The Purchaser will evaluate and compare the tenders which have been determined to be substantially responsive, pursuant to ITT Clause 7 for each schedule separately. No tender will be considered if the complete requirements covered in the schedule is not included in the tender. However, as stated in ITT Clause 7, Tenderers are allowed the option to tender for any one or more schedules and to offer discounts for combined schedules. These discounts will be taken into account in the evaluation of the tenders so as to determine the tender or combination of tenders offering the lowest evaluated cost for the Purchaser in deciding award(s) for each schedule.
- 20.2 The Purchaser's evaluation of a tender will take into account in the case of goods manufactured in India or goods of foreign origin already located in India, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Tenderer;
- 20.3 The Purchaser's evaluation of a tender will take into account, in addition to the tender price (Ex-factory/ex-warehouse/off-the-shelf price of the goods, such price to include all costs as well as duties and taxes paid or payable on components and raw material incorporated or to be incorporated in the goods, and

Excise duty on the finished goods, if payable) and price of incidental services, the following factors, in the manner and to the extent indicated in ITT Clause 20.4 and in the Technical Specifications:

- k Cost of inland transportation, insurance and other costs within India incidental to the delivery of the goods to their final destination
- k the cost of components, mandatory spare parts and service;

20.4 Pursuant to ITT Clause 20.3, one or more of the following evaluation methods will be applied:

(a) Inland Transportation, Insurance and Incidentals:

- (i) Inland transportation, insurance and other incidentals for delivery of goods to the final destination as stated in ITT Clause 7.2
- (ii) The above costs will be added to the tender price.

(b) Cost of Components, mandatory Spare Parts and Services:

- (i) Appendix to the Technical Specifications lists the items and quantities of major assemblies, components and selected items of spare parts, likely to be required during the initial.... year period of operation of the equipment. The total cost of these items and quantities at the unit prices quoted in each bid will be added to the price.

F. Award of Contract

21. Post qualification

- 21.1 The Purchaser will determine to its satisfaction whether the Tenderer that is selected as having submitted the lowest evaluated responsive tender meets the criteria specified in ITT Clause 9.2 (b) and is qualified to perform the contract satisfactorily.
- 21.2 The determination will take into account the Tenderer's financial, technical and production capabilities. It will be based upon an examination of the documentary evidence of the Tenderer's qualifications submitted by the Tenderer, pursuant to ITT Clause 9, as well as such other information as the Purchaser deems necessary and appropriate.
- 21.3 An affirmative determination will be a prerequisite for award of the Contract to the Tenderer. A negative determination will result in rejection of the Tenderer's tender, in which event the Purchaser will proceed to the next lowest evaluated tender to make a similar determination of that Tenderer's capabilities to perform the contract satisfactorily.
- 21.4 Purchaser has the provision for negotiation with the least quoted bidder. This negotiation may include one or more of the following
 - (a) Reduction in the quoted price.
 - (b) Increase in warranty period.
 - I Supplying optional accessories or additional features without any extra cost.
 - (d) Supplying higher model for the quoted rate. Without compromising the required specifications & function.

22. **Award Criteria**

22.1 Subject to ITT Clause 24, the Purchaser will award the Contract to the successful Tenderer whose tender has been determined to be substantially responsive and has been determined as the lowest evaluated tender, provided further that the Tenderer is determined to be qualified to perform the Contract satisfactorily.

23. **Purchaser's right to vary Quantities at Time of Award**

23.1 The Purchaser reserves the right at the time of Contract award to increase or decrease by up to 25 percent of the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.

24. **Purchaser's Right to Accept Any Tender and to Reject Any or All Tenders**

24.1 The Purchaser reserves the right to accept or reject any tender, and to annul the tendering process and reject all tenders at any time prior to contract award, without thereby incurring any liability to the affected Tenderer or Tenderers.

25. **Notification of Award**

25.1 Prior to the expiration of the period of tender validity, the Purchaser will notify the successful tenderer in writing by registered letter or by cable/telex or fax, to be confirmed in writing by registered letter, that its tender has been accepted.

25.2 The notification of award will constitute the formation of the Contract. 25.3 Upon the successful Tenderer's furnishing of performance security pursuant to ITT Clause 27, the Purchaser will promptly notify the name of the winning Tenderer to each unsuccessful Tenderer and will discharge its earnest money deposit, pursuant to ITT Clause 11,

25.4 If, after notification of award, a Tenderer wishes to ascertain the grounds on which its tender was not selected, it should address its request to the Purchaser. The Purchaser will promptly respond in writing to the unsuccessful Tenderer.

26. **Signing of Contract**

26.1 At the same time as the Purchaser notifies the successful tenderer that its tender has been accepted, the Purchaser will send the Tenderer the Contract Form provided in the tender documents, incorporating all agreements between the parties.

26.2 Within 10 days of receipt of the Contract Form, the successful Tenderer shall sign and date the Contract and return it to the Purchaser.

k Performance Security

- 27.1 Within 10 days of the receipt of notification of award from the Purchaser, the successful Tenderer shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the tender documents or in another form acceptable to the Purchaser.
- 27.2 Failure of the successful Tenderer to comply with the requirement of ITT Clause 26.2 or ITT Clause 27.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the earnest money deposit, in which event the Purchaser may make the award to the next lowest evaluated Tenderer or call for new tenders.

SECTION III: GENERAL CONDITIONS OF CONTRACT

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SECTION III: GENERAL CONDITIONS OF CONTRACT

GENERAL CONDITIONS OF CONTRACT

1. Definitions

1.1 In this Contract, the following terms shall be interpreted as indicated:

(a) “The Contract” means the agreement entered into between the Purchaser and the Supplier, as recorded in the Contract Form signed by the parties, including all the attachments and appendices thereto and all documents incorporated by reference therein;

k “The Contract Price” means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations;

k “The Goods” means all the equipment, machinery, and/or other materials which the Supplier is required to supply to the Purchaser under the Contract;

k “Services” means services ancillary to the supply of the Goods, such as transition and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training and other obligations of the Supplier covered under the Contract;

(e) “GCC” means the General Conditions of Contract contained in this section.

(f) “SCC” means the Special Conditions of Contract.

(g) “The Purchaser” means the organization purchasing the Goods, as named in SCC.

(h) “The Supplier” means the individual or firm supplying the Goods and Services under this Contract.

k “The Government” means the Government of Karnataka State, (j) “The State” means the Karnataka State

(j) “The Project Site”, where applicable, means the place or places named in SCC. (1) “Day” means calendar day.

k Application

2.1 These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

3. Standards

3.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods’ country of origin and such standards shall be the latest issued by the concerned institution.

4. Performance Security

4.1 Within 10 days of receipt of the notification of contract award, the Supplier shall furnish Performance Security to the Purchaser for an amount of 5% of the Contract Value, valid up to 60 days after the date of completion of performance obligations including Warranty obligations. In the event of any correction

of defects or replacement of defective material during the Warranty period, the Warranty for the corrected/replaced material shall be extended to a further period of 3 years and the Performance Bank Guarantee for proportionate value shall be extended 60 days over and above the initial Warranty period.

4.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

4.3 The Performance Security shall be denominated in Indian Rupees and shall be in one of the following forms:

(a) A Bank guarantee, issued by a nationalized/scheduled bank in the form provided in the tender documents or another form acceptable to the Purchaser; or

(b) A cashier's check or Banker's certified check, or crossed demand draft or pay order drawn in favour of the Purchaser.; or

k Specified small savings instruments duly pledged to the Purchaser.

4.4 The Performance Security will be discharged by the Purchaser and returned to the Supplier not later than 60 days following the date of completion of the Supplier's performance obligations, including any Warranty obligations, under the Contract.

4.5 In the event of any contract amendment, the Supplier shall, within 20 days of receipt of such amendment, furnish the amendment to the Performance Security, rendering the same valid for the duration of the Contract as amended for 60 days after the completion of performance obligations including Warranty obligations.

5. Inspections and Tests

5.1 The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Purchaser. SCC and the Technical Specifications shall specify what inspections and tests the Purchaser requires and where they are to be conducted. The Purchaser shall notify the Supplier in writing in a timely manner of the identity of any representatives retained for these purposes.

5.2 Should any inspected or tested Goods fail to conform to the specifications, the Purchaser may reject the goods and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Purchaser.

5.3 Nothing in GCC Clause 5 shall in any way release the Supplier from any warranty or other obligations under this Contract.

k Packing

6.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage.

k Delivery and Documents

7.1 Delivery of the Goods shall be made by the Supplier in accordance with the terms specified by the Purchaser in the Notification of Award along with supporting documents.

k Insurance

8.1 The Goods supplied under the Contract shall be fully insured against loss or damage during transportation, storage and delivery. .

9. Transportation

9.1 Where the Supplier is required under the Contract to transport the Goods to a specified place of destination within the State defined as Project site, transport to such place of destination in State including insurance, as shall be specified in the Contract, shall be arranged by the Supplier, and the related cost shall be included in the Contract Price

10. Incidental Services

10.1 The supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:

k Performance or supervision of the on-site assembly and/or start-up of the supplied Goods;

k Furnishing of tools required for assembly and/or maintenance of the supplied Goods;

l Furnishing of detailed operations and maintenance manual for each appropriate unit of Goods

(d) Performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and

(e) Training of the Purchaser's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance and/or repair of the supplied Goods.

10.2 Prices charged by the Supplier for incidental services, shall be included in the Contract Price for the Goods.

11. Spare Parts

11.1 As specified in the SCC, the Supplier may be required to provide , notifications, and information pertaining to spare parts manufactured or distributed by the Supplier, such spare parts as the Purchaser may elect to purchase from the Supplier, providing that this election shall not relieve the Supplier of any warranty obligations under the Contract; and

11.2 The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods, such as gaskets, plugs, washers, belts etc. Other spare parts and components shall be supplied as promptly as possible but in any case within 3 months of placement of order.

12. Warranty

- 12.1 The Supplier warrants that the Goods supplied under this Contract are new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants 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 State.

This warranty shall remain valid for 3 years after the successful installation.

- 12.3 **AMC/CMC for 6years after warranty period I e 4th to 9th year should be quoted. T his will not be counted for determining the lowest bidder.**

13. **Payment**

- 13.1 The method and conditions of payment to be made to the Supplier under this Contract shall be specified in the SCC.
- 13.2 The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and the Services performed, and by documents, submitted pursuant to GCC Clause 7, and upon fulfillment of other obligations stipulated in the contract.
- 13.4 Payment shall be made in Indian Rupees.

14. **Prices**

- 14.1 Prices payable to the supplier as stated in the contract shall be firm during the performance of the contract.

15. **Contract Amendments**

- 15.1 No variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

16. **Delays in the Supplier's Performance**

- 16.1 Delivery of the Goods and performance of the Services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser in the Schedule of Requirements.
- 16.2 If at any time during performance of the Contract, the Supplier or its sub-contractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the Supplier's time for performance with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of the Contract.
- 16.3 A delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 17, unless an extension of time is agreed upon pursuant to GCC Clause 16.2 without the application of liquidated damages.

17. **Liquidated Damages**

- 17.1 If the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to 0.5% of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of 10% of the Contract Price. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC Clause 18.

18. **Termination for Default**

- 18.1 The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part:
- k if the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 16; or
 - k if the Supplier fails to perform any other obligation(s) under the Contract.
 - k If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
- 18.2 In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 18.1, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue the performance of the Contract to the extent not terminated.

19. **Applicable Law**

- 19.1 The Contract shall be interpreted in accordance with the laws of the Union of India jurisdiction Shimoga or Bangalore unit.

20. **Notices**

- 20.1 Any notice given by one party to the other pursuant to this Contract shall be sent to other party in writing or by cable or facsimile and confirmed in writing to the other Party's address specified in SCC.
- 20.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

21. **Taxes and Duties**

- 21.1 Suppliers shall be entirely responsible for all taxes (including Sales tax), duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser.

SECTION IV: SPECIAL CONDITIONS OF CONTRACT
TABLE OF CLAUSES

Item Topic Page Number

No.

- 1. Definitions (GCC Clause 1)
- 2. Inspection and Tests (GCC Clause 5)
- 3. Delivery and Documents (GCC Clause 7)
- 4. Incidental Services (GCC Clause 10)
- 5. Payment (GCC Clause 13)
- 6. Notices (GCC Clause 20)

SECTION IV: SPECIAL CONDITIONS OF CONTRACT

SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the General Conditions is indicated in parentheses.

1. Definitions (GCC Clause 1)

- (a) The Purchaser is DIRECTOR, Shivamogga Institute of Medical Sciences, Shivamogga
- k The Supplier is.....

k Inspection and Tests (GCC Clause 5)

The following inspection procedures and tests are required by the Purchaser:

- i) As required by purchaser demonstration at manufacturing unit or wherever the equipment is working
- k Third party inspection / Prof. /HOD of the concerned Departments

k Delivery and Documents (GCC Clause 7)

Upon delivery of the Goods, the supplier shall furnish to the Purchaser the following documents:

- k One Original and two Copies of the Supplier invoice showing contract number, goods' description, quantity, unit price, total amount;
- (ii) One Original and two Copies of packing list identifying the contents of each package;
- (iii) Insurance Certificate;
- k Manufacturer's/Supplier's warranty certificate;

k Inspection Certificate issued by the nominated inspection agency, and the Supplier's factory inspection report; and

4. **Incidental Services (GCC Clause 10)**

The following services covered under Clause 10 shall be furnished and the cost shall be included in the contract price:

5. **Payment (GCC Clause 13)**

- i) Payment only Indian currency.
- ii) 100% Payment after Successfully installation.

k **Notices (Clause 20)**

For the purpose of all notices, the following shall be the address of the purchaser and supplier.
Purchaser: Director, Shivamogga Institute of Medical Sciences, Shivamogga

k **Additional qualification criteria (clause –ITT -9)**

- k Self declaration stating the firm is not black listed in any of the state, central quasi; Government organizations and will not supply refurbished equipments and quoted prices are very dearer to market rates not exorbitant, big.
 - ii) Annual turn over/Balance sheet for last three years issued by chartered accountant.
 - k Sale tax/ vat registration certificate.
 - iv) Income tax PAN Number.
8. If found, refurbished equipment is supplied the entire cost along with EMD and security deposit shall be forfeited. The company shall be black listed.
9. Delivery period:
i) 30 days for indigenous and already imported equipments.
ii) 60 days for the imported equipments.
10. Tenderers shall quote only one model equivalent/ nearer to the tender specifications.

Supplier: (To be filled in at the time of Contract signature)

.....
.....
.....

SECTION V: SCHEDULE OF REQUIREMENTS

(To be inserted in the Tender Documents by the Purchaser, as applicable. The Schedule should cover, at a minimum, the required items, quantities, services, delivery period(s) and earnest money deposit (EMD).)

Serial Number	Brief Description	Unit	Quantity	Delivery Schedule in Rupees	EMD
Schedule	The Supply of – Equipments & Furniture’s enclosed in Annexure			As per Special conditions Clause-9	Rs. 10000/-

SECTION VI – I. TECHNICAL SPECIFICATIONS FOR EQUIPMENTS & FURNITURES

Sl.No.	Particulars	Qty
1	<p>Tape recorder Recording system: 2 track, 1 channel monaural, Standard CD/DVD/USB Frequency response 250- >6300Hz Speaker: 2” (50mm) dia Speaker power output: 350 mW Input: DC-in jack 3V, external microphone Output: earphone jack (mini jack) Power requirements: DC 3V with two AA batteries. Battery life (approx): rec/play >15 hours continuous recording with Alkaline batteries. Dimension: W/H/D: <4”x<5”x<2” Weight <200 g With high sensitive microphone for speech recording. USB storage capacity with 10 nos 8GB USB device. Portable Record and play back feature. Operable with live current and rechargeable battery</p> <p>Or its equivalent</p>	2 nos
2	<p>Hearing Aid repair Kit</p>	1 sets
1	Digital multimeters	1
2	Illuminated Magnifying lens	1
3	DDTS Temperature controlled soldering stations	1
4	DDTS De-soldering pump	1
5	Hand operated de-soldering pump	1
6	60:40 grade soldering lead (250x4) grms	1
7	Small boxes of soldering flux	1
8	Samrat knife	1

	9	Tweezers	1
	10	Jewellers file	1
	11	AA size cells	
	12	Single battery holder with crocodile clips	1
	13	Cotton rolls	1
	14	Wire cutter cum stripper	1
	15	Nose plier	4
	16	Watch makers screw driver set	4
	17	Taparia screw drivers (0.1mm- 2.5mm)	4
	18	Philips switchcleaning oil	4
	19	Adhesive: Bon fix/Quick fix/Super glue	4
	20	Bee wax	4
	21	Rubber and plastic sleeve of ID 1mm, 2mm, 3mm, 4mm (25 cm each)	4
	22	Brushes 12 mm smooth	4
	23	Signal injector	4
	24	Insulation tape rolls	5
	25	Cellophane tape rolls (small) half inch wide	5
	26	2 pin receiver with cord for testing	4
	27	3 pin receiver with cord for testing	4
	28	2 pin microphone for testing purpose	4
	29	Multi strand wires of 5 different colors	2 meters each
	30	Nose plier	4
	31	Ear tip with tube of length min 45 cms	4
	32	Wice (small)	1
	33	Isoprofiline alcohol	1
	34	Jumpers wires (0.1 mm)	1 roll
	35	Cold cure (DPI-RR)	1
3	Hearing aid analyzer Touch screen operation Portable Real ear measurements including RECD, REUR, REUG, REAR etc. Should satisfy the latest ANSI standards Switch between using the built-in signals and the Visible Speech signals Fitting of Hearing aid using ANSI (American), IEC(European/International),		1 Nos

	<p>Facility of selection of fitting formulas Compatible with NOAH softwares With inbuilt printer & with 25 no,s printer paper rolls</p> <p>Must be CE/FDA certified.</p> <p>Or its equivalent</p>	
<p>4</p>	<p>Hearing Aid Programmer</p> <p>System RAM 2 GB (4 GB recommended) Free hard drive space 1 GB of free space for Noah (5 GB recommended), 1 GB of free space for EACH installed module, 4 GB of free space for the patient database Operating System Windows 10 (does not support mobile versions) - <i>Noah 4.4 and higher</i></p> <p>Windows 7 (except for Windows 7 Starter version)</p> <p>Windows 8 and 8.1 (does not support mobile versions) - <i>Noah 4.3 and higher</i></p> <p>Windows Vista SP2</p> <p>For network installations, you can also use Windows 2012 and 2012 R2 Server or 2008 R2 Server for the Noah Server PC. Windows Small Business Server 2011 is not on our list of tested and supported operating systems.</p> <p>IMPORTANT: HIMSA ended support for Windows 2003 Server on July 14, 2015.</p> <p>IMPORTANT:HIMSA does not test modules on Enterprise versions of Windows (e.g. Windows 2008 server or Win 7 Enterprise) as part of the certification process so we cannot guarantee that your modules will run on these systems.</p> <p>Noah Modules Check our certified module list to ensure that the fitting and measurement modules you need are certified for the Windows operating system you are using.</p>	<p>1 Nos</p>

	<p>Screen resolution 1024 x 768 (or higher) Bluetooth Compatible with wireless programming Specification for wireless programmer.</p> <p>Battery: Rechargeable (Ni-MH type) AA (R6) Alkaline AA (R6) 1.5V Estimated Battery Life: Approximately 20 fittings (each of 45 minutes duration)</p> <p>Dimensions and Weight Size (LxWxH): 3.58 in x 3.94 in x 1.22 in 91mm x 100mm x 31mm</p> <p>Net Weight: Approx. 141g including battery Patient Safety § EN 60601-1, Internal powered, Type BF, IPXO § UL2601-1 and CAN/CSA-C22.2 NO 601.1-90</p> <p>Power (Charger): Size (LxWxH): 4.92 in x 1.57 in x 1.77 in 125mm x 40mm x 45mm</p> <p>Net Weight: 150 g (excluding adaptor) Power Adaptor Input: 100-240 VAC, 50-60 Hz Transport and Storage Temperature: -25°C to +70°C (-13°F to 158°F) Air Humidity: < 90%, non-condensing Air Pressure: 500 hPa to 1060 hPa</p> <p>Operating Environment Temperature: +5°C to 45°C (41°F - 113°F) Air Humidity: < 90%, non-condensing Air Pressure: 700 hPa to 1060 hPa.</p>	
5	Ear mould material for hard shell making	
1	Rubber bowl	2
2	Plaster spatula	6
3	Flask and clamp	2
4	Scooping instrument (probe)	4 (different size)
5	Pluggger	2
6	Wax knife	2
7	Wax carver	2
8	Glass bowl	4
9	Hammer	2

10	Brush size 10	10
11	Cotton buff	10
12	Soldering gun	1
13	Scissors	2
14	Cutter knife	2
15	Cotton roll	2
16	Cotton thread	2
17	Alginate 450 gms	450 grms
18	Plastic sheets for impression	2 mtrs
19	Impression lids	6
20	Plaster of paris	25 kg
21	Stone plaster	1 kg
22	Could mould seal	3.5 ltrs
23	Heat cure polymer	3 kgs
24	Heat cure monomer	4 ltrs
25	Self cure monomer and polymer	1 box
26	Pumice 1 kg	1 kg
27	Snap rings	1000
28	L-Connector	1000
29	PVC soft tube	2 roll
30	Petroleum jelly	500 grms
31	Cutter pear shaped 4 mm	2
32	Cutter pear shaped 6 mm	2
33	Cutter cylindrical 5 mm	2
34	Cutter cylindrical 6 mm	2
35	Cutter pointed 4 mm	2
36	Cutter pointed 5 mm	2
37	Plain round bur 0.8 mm	6
38	Plain round bur 1.2mm	6
39	Plain round bur 1.4mm	6
40	Plain round bur 2.1 mm	6
41	Plain round bur 2.5 mm	6
42	Plain round bur 3.1 mm	6
43	Plain round bur 3.5 mm	6
44	Plain round bur 4 mm	6

	45	Plain round bur 4.7 mm	6
6	Ear mould Material for soft mould making		
	1	Cotton roll	2
	2	Cotton thread	2
	3	Plugger	2
	4	Silicon impression material	5 box
	5	Impression syringe	5
	6	Scissors	2
	7	Cutter knife	2
	8	flasks	5
	9	Rubber bowl	5
	10	Plaster spatula	5
	11	Plaster of paris	25 kg
	12	Stone plaster	1 kg
	13	Wax knife	2
	14	Wax carver	2
	15	Bayonet Tweezers	6
	16	Scooping instrument (probe)	6 (different size)
	17	Could mould seal	3.5 lt
	18	Brush size 10	10
	19	Silicon packing material	5 box
	20	Silicon injector	5
	21	Mixing canula	3 pack
	22	Canula tip	3 pack
	23	Pre bend PVC soft tube	100
	24	Tubing loop	100
	25	Lacquer B	250 ml
	26	Air blower	3
	27	Tube expander	3
	28	Petroleum jelly	500 grms
	29	Grinding cap holder	3
	30	Grinding cap	5
	31	EF cutters cylindrical 5mm	6
32	EF cutters pointed 4 mm	6	

	33	EF cutter pointed 5 mm	6
	34	EF bur round 1mm	6
	35	EF bur round 1.4 mm	6
	36	EF bur round 1.8 mm	6
	37	EF bur round 2.3 mm	6
	38	EF bur round 2.9 mm	6
7	Ear Mould Lab		
	1	<p>Hydraulic press Dimension H/W/D-550/240/240mm Approx 20 Kgs Usable tension level 235 mm max Pressure limitation- 5 tons Working compression 2500 N/cm² Hydraulic press (for 1-3 flask)</p>	
	2	<p>Polishing Unit Dimension H/W/D 430/640/540 mm Approx 50 kgs Voltage 230V/50Hz</p> <p>Output 250/500 W Suction capacity 760m²/H Noise emission 70dB Approx Switch for speed adjustment 1500rpm and 3000 rpm Switch for suction on and off With grinding plate and grinding disc (120 grit)</p>	
	3	<p>Thermal Hot Oven 600W Weighting 20 kg (approx) For curling, tempering and varnishing ear molds. Digital timer and double heating protection. Temperature adjustment scale from 30⁰C to 220⁰C. Dimension H/W/D-6520/470/325mm Inner dimension H/W/D 240/320/175mm Structural stainless steel casing, temperature detection device.</p>	
	4	Micro motor	

	<p>Mech output power 9.5W Torque 5.5 Ncm Speed 1000-4000rpm Power input 160 W Supply voltage 220-240 vac Rated current 0.2 to 1.6A, 0.1 to 0.8 A. Operating mode S6 (4/10min) Noise <55dBA Vibration (2.5 m/s²) Dimension H/W/D Foot control without lever 97/253/202 mm Foot control with lever 97/253/275mm Weight approx 2.5 kg Chuck diameter 2.35mm Control element should be separate unit Reverseable right left rotation. Control element</p>	
5	<p>UV cure unit Dimension H/W/D- 210/280/300mm Output 180 W Weight approx 10 kg Working surface 215x160mm UV lights level wise switcheable. Exhaust fan to avoid over heating. High quality metal casting. Should have 10 light curing bulbs. Spare light curing bulbs</p>	
6	<p>UV light pistol Dimension H/W/D- 80/160/220mm Output 130 w Spectral power distribution: 400-500nm Weight approx 2kgs</p>	
7	<p>Duplicating device Dimension H/W/D- 295/345/285 mm Output 1300w Weight approx 20kgs</p>	

	<p>Micro controller with 3 temperature sensors. Tank capacity 2-5kgs Exhaust fan</p>	
8	<p>Wax immersion kit Dimension 150mm Weight approx 1.5 kg Capacity approx 1.5 kg Electrical heating plate Lid for melting wax Adjustable thermostat</p> <p>Temperature control Dimension H/W/D 150/125/180mm Weight approx 2kgs Output 16A/3500w Manual program Dripping sieve</p>	
9	<p>Ultrasonic cleaner With timer 1 to 15 min Inner dimension minimum H/W/D 60/190/85mm</p>	
10	<p>Plaster dispenser Dimension H/W/D 690/300/290mm Electrical operation Dosage by use of push button Weight 25 kg</p>	
11	<p>Ear light With acrylic tip for placing impression pad in ear canal Cell type AAA</p>	
12	<p>Suction unit Dimension H/W/D 435/256/400 mm Weight approx 20kgs</p> <p>Fine filters</p> <p>Two fold filter system Automatic start/stop function</p>	

	<p>Compatible to the control unit Free standing with handle Controllable suction capacity of 18-35 l/sec</p> <p>Glass shield and suction funnel Y-connection for suction hose.</p>	
13	<p>Dental lathe 0.75 HP Displacement 85LPM Working pressure 7kg/cm² Tank capacity 35Lt One side spindle One side spindle for bur placement.</p>	
8	<p>Portable speech trainer</p> <p>Each set consisting of :</p> <p>a. Speech trainer for Stammering with DAF With Speaking rate algorithm Pitch calculator Live bio-feedback of speech parameter</p> <ul style="list-style-type: none"> • Rate of speech • Loudness • Pitch <p>Visual Indication Inbuilt white noise with Speech (S/N ratio) Chargeable with battery backup</p> <p>b. Speech trainer for Speech and language development Targeted population: Autism, HI, Mental retardation, Delayed speech and language, cerebral palsy, ADHD and cochlear implanters. Capability of 1:1 therapy Group therapy up to 1:12 therapy Visual, audio and tactile modality High sound quality with full acoustic energy Live and recordable speech stimulation Portable</p>	2 sets

	Chargeable with at least 3 days battery backup	
9	<p>Speech analyzer- computerized speech lab with EGG</p> <p>See and hear speech and voice patterns Measure vocal/voice improvement Audio and visual feedback</p> <p>Real-Time Pitch</p> <ul style="list-style-type: none"> • Stress, timing, intonation patterns, as well as target pitch and/or voice projection during conversation can be seen exactly as they are spoken. • Speech samples can be compared both graphically (using split screen) and quantitatively. <p>Sona-Match</p> <ul style="list-style-type: none"> • Immediately see and hear if your pronunciation of specific sounds is perfect. • Compare your pronunciation to the instructor's. <p>Multi-Dimensional Voice Program (MDVP)</p> <ul style="list-style-type: none"> • The MDVP graph provides a useful snapshot of your voice quality. • You see immediate visual feedback of critical speech/voice patterns and habits • You hear immediate auditory feedback of your voice • Enhance pronunciation training • Receive instant analysis of your speech and voice <p>Real-Time Spectrogram</p> <ul style="list-style-type: none"> • Used for pronunciation training, and for voice “typing”. • Speeds progress. • Improves training • Immediately see and hear and correct your errors. • Should be supplied with appropriate computer system & colour inkjet printer <p>With CE/FDA certified</p> <p>Or its equivalent</p>	1 Nos
10	<p>Speech analyzer</p> <p><u>Speech Science Lab (SSL)</u> Education and Research in Speech Science, Phonetics, Linguistics, Speech and Hearing.</p>	1 Nos

	<p>Forensic Sciences Speech Analysis, Synthesis, Perception Studies Speech analysis generates the parameters for speaker recognition, speech recognition, coding etc Spectral Analysis of chanting, music, animal sounds etc. Spectral analysis in general (of machinery noise, animal noise, bird songs, music etc. Several doctoral theses, graduate level dissertations have been done using SSL. A large number of projects have been done using SSL.</p> <p>SSL-T SSL-T for a practical laboratory self-teaching course in speech science, speech signal processing.</p> <p>SSL-R Extensive Documentation User Guide, Technical Support Manual and Quick Reference Guide: User Guide explain the overall organization of the software and the formats of the various files created by SSL software. The block diagram and details of the analysis/synthesis methods should be given. Technical support manual and Quick Reference Guide explain the procedure for recording signals, precautions to be taken while recording, proper choice of microphones, trouble shooting etc.</p> <p>Modules in SSL WaveSpec: With facility to display a selected segment of the signal at the cursor location, its autocorrelation function, its short-time spectrum with/without LP envelope. WaveKep: With facility to display a selected segment of the signal at the cursor location, its cepstrum, its short-time spectrum, cepstrally smoothed envelope with/without LP envelope.</p> <p>Objective comparison for speech/speaker recognition: Spectrograph- One channel and Two channels: A tool for an efficient computation and presentation of spectrogram in a variety of formats: Broad-band, Narrow-band and Very broad-band spectrograms User selected duration Gray or color spectrogram Frequency axis can be in Hz, mel or Bark. Frequency-scale – Full, half, quarter Contrast/Gain control Superpose pole tracks, formant tracks and Pitch (F0) track</p> <p>Labeling :</p>	
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	<p>Manual: Semi-automatic: Dynamic Time Warping: I: Analysis-Editing-Synthesis: Analysis options: Editing Options: Synthesis Options: PATPLAY Synthesis: II: Interactive Analysis-Editing-Synthesis: Analysis-Editing: Synthesis-Editing:</p> <p>: Articulatory-Acoustics (vowels): Utility Signal Recording. Signal Display, Segmentation and Editing. Signal Manipulation Play Batch or Prepare Audio Tape Should be supplied with suitable computer system & inkjet colour printer</p> <p>With CE/FDA certified</p> <p>Or its equivalent</p>	
11	<p>Electronic Trainer Kit</p> <p>Each set consists of:</p> <p>Fluke 179 True RMS Digital Multimeter Digital Multi meter Specifications Voltage DC Accuracy $\pm(0.09\% +$</p> <p>2) Max. resolution 0.1 mV Maximum 1000 V</p>	1 Nos

<p> Voltage AC Accuracy $\pm(1.0\% + 3)$ Max. resolution 0.1 mV Maximum 1000 V Current DC Accuracy $\pm(1.0\% + 3)$ Max. resolution 0.01 mA Maximum 10 A Current AC Accuracy $\pm(1.5\% + 3)$ Max. resolution 0.01 mA Maximum 10 A Resistance Accuracy $\pm(0.9\% + 1)$ Max. resolution 0.1 Maximum 50 M Capacitance Accuracy $\pm(1.2\% + 2)$ Max. resolution 1 nF Maximum 10,000 μF Frequency Accuracy $\pm(0.1\% + 1)$ Max. resolution 0.01 Hz Maximum 100 kHz Temperature Accuracy $\pm(1.0\% +$ 10) Max. resolution 0.1°C Range -40°C /400°C 2 Soldering Station Power: 220V 10W Temperature: 200 Celsius system-380 Celsius system 3 Dual Trace Oscilloscope DC to 60MHz Bandwidth 1mV/div Sensitivity on Both Channels Algebraic Addition and Subtraction X-Y Operation </p>	
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	20ns/div to 0.5s/div Calibrated Time Base 140mm Rectangular CRT 4 Regulated DC power supply	
12	Hearing Aid- Body level With volume and tone control buttons. AA Batteries. Cords of S and V type. Standard receiver. Fitting range of Mild to moderate category. Analog type.	2 Nos
13	Hearing Aid- Body level With volume and tone control buttons. AA Batteries. Cords of S and V type. Standard receiver. Fitting range of Mild to moderate category. Digital type.	2 Nos
14	Hearing Aid- Body level With volume and tone control buttons. AA Batteries. Cords of S and V type. Standard receiver. Fitting range of Moderate to Severe category. Analog type.	2 Nos
15	Hearing Aid- Body level With volume and tone control buttons. AA Batteries. Cords of S and V type. Standard receiver. Fitting range of Moderate to severe category. Digital type.	2 Nos
16	Hearing Aid- Body level With volume and tone control buttons. AA Batteries. Cords of S and V type. Standard receiver. Fitting range of severe to profound category. Analog type.	2 Nos
17	Hearing aid- Bone conduction Analog type with head band.	1 Nos
18	Hearing Aid- BTE Digital. Single channel. Trimmer control. Non-programmable. Battery type 13 or 675. With various sizes of ear tips and tubes.	1 Nos
19	Hearing Aid- BTE Digital. Dual channel. Trimmer control. Non-programmable. Battery type 13 or 675. With various sizes of ear tips and tubes.	1 Nos
20	Hearing Aid- BTE Digital. Single channel. Trimmer control. Programmable. Battery type 13 or 675. With various sizes of ear tips and tubes.	1 Nos
21	Hearing Aid- BTE Digital. Dual channel. Trimmer control. Programmable. Battery type 13 or 675. With various sizes of ear tips and tubes.	1 Nos
22	Hearing Aid- RIC With dual microphone. Multi-channel. Digital and programmable. With various sizes of ear tips.	2 Nos

23	<p>Examination unit. ENT examination unit with suction, warmer, light source twin bulb, fibre optic cable, adjustable head band, otoscope, endoscope and camera holder, instrument trays with lids, instruments drawer with locking facility.</p> <p>Fully powder coated, corrosion and rust proof, with strong wheels. With facility to fix the monitor. Should be supplied with 0⁰ 4mm , 18cm HD nasal endoscope.</p> <p>Patient chair- Electrical heavy fixed base, height adjustable, foot operated, forward and backward movement, up and down movement, with 0⁰ to 180⁰ tilt with arm rests.</p> <p>Doctor chair.- Pneumatic operated, height adjustable, strong wheels with back rest.</p>	1 Nos
24	<p>Electrical suction machine Light weight, fibre/plastic cabinet, noiseless ½ HP Motor, vacuum gauge, with wheels, with non-collapsible suction tubing, 2x2 ltrs polycarbonate double jars with over flow safety. Electrical requirement: 220-230 V, 50Hz, 1 phase. Should be supplied with auto clavable additional suction tube with connector of 3 sets.</p>	4
25	<p>Furniture- Chairs for Staff and patients Chair made out of pre laminated plywood/wood in fancy curved legs and arms of 25mmx 40mm. comfortable seat and back provided with cushion of Size: 45cm Height x 45cm width, comfortable arm rest. Material: plywood/wood, good workmanship and prelaminated finish.</p>	20
26	<p>Furniture- Computer chairs</p> <p>Size: 508 x 483 x 1020 mm revolving chairs, light weight, with four durable wheels and locking facility, with armrest, adjustable height and good quality foam.</p>	8
27	<p>Furniture- 3 Seater steel chairs for waiting rooms 3 seater chair made out of heavy duty 50 mm x18 swg pipe and perforated 18 swg sheet comfortable seat and back of each seat Size: 45cm Height X 45Cm Width. armless. Material: stainless Steel 304, mat finish.</p>	5
28	<p>Furniture- Computer tables size – 4 feet length X 2 feet width X 2.5 feet height. 2. Compute Table top make of both sides pre-laminated board of Nova pan board of 19 mm thickness. With sliding pad for key board & drawer</p>	10

	with lock.	
29	<p>Furniture- Office tables with drawer Made out of good quality 1"x1" MS tube of 18 swg . 1" thick laminated play wood / novapan sheet on top and good craftsmanship . Bottle green/light grey colour powder coated in house and oven baked finish. Size :- i. 5 1/2' X 3' left side one swing and right side 3 nos of easy sliding drawers with locking, easy sliding drawers , with locking,</p>	6
30	<p>Furniture- Steel Almera 1. Overall dimension of Cupboard 35"(w) x 18"(d) x 78" (h) 2. Should be made out of all 18 swg cr sheet and hinged doors. 3. 5 selves, and Heavy duty handle with lock. 4. Good workmanship and free from sharp edges , 2 coats seimens grey/bottle green colour not less than 50 microns after the prime coat.</p>	10
31	<p>Furniture-Pigeon lockers 1. Overall dimension of Cupboard 35"(w) x 18"(d) x 78" (h) 2. Should be made out of all 18 swg cr sheet . 3. 5x3 =15 nos pigeon compartments with indivisually hinged doors. 4. provision for locking externally. 5. Good workmanship and free from sharp edges , 2 coats seimens grey/bottle green colour not less than 50 microns after the prime coat.</p>	2
32	<p>Furniture-Examination cots with mattress and pillow (wooden) (Adult size) 1. Overall Size: 180L x 60W x 81Hcms. Frame work made of Rectangular 1"x1" SS tube of 16 swg . 2. whole table should be made of wood. 5cm thick Foam Padded Top covered with Rexene. Pillow: Length 27" X Width 17" X Thickness 5" coir and Foam Padded covered with Rexene cloth</p>	6
33	<p>Furniture-Shoe racks Made of powder coated MS. Two shelves. Size: 2 x 3 ft</p>	5
34	<p>Furniture-Paediatric chairs (fibre) for speech therapy room. Toy chairs, multi colours</p>	20
35	<p>Furniture- Paediatric tables (fibre) for speech therapy room. Toy chairs, multi colours</p>	10

SECTION VII: QUALIFICATION CRITERIA

(Referred to in Clause 9.2 (b) of ITT)

1. (a) The tenderer should be a manufacturer who must have manufactured, tested and supplied the equipment (s) similar to the type specified in the 'Schedule of Requirements' up to at least 80% of the quantity required in any one of the last 3 years. The equipments offered for supply must be of the most recent series models incorporating the latest improvements in design. The similar models should have been released Last two years back and be in satisfactory operation for 18 months as on date of tender opening.
- (b) Tenders of tenderers quoting as authorized representative/dealer of a manufacturer, meeting with the above requirement in full, can also be considered provided:
 - (i) The manufacturer furnishes authorization in the prescribed format assuring full guarantee and warranty obligations as per GCC and SCC: and
 - (ii) The tenderer, as authorized representative / dealer , has supplied, installed and commissioned satisfactorily at least 100 % of the quantity similar to the type specified in the Schedule of Requirements in any one of the last three years which must be in satisfactory operation for at least 18 months on the date of tender opening,
1. The tenderer should furnish the information on all past supplies and satisfactory performance for both (a) and (b) above, in Performa under Section XII.

SECTION VIII: TENDER FORM

No: SIMS/EST-2/SIPDA/2016-17/ 1891

Date: 02 /02 /2017

To:

DIRECTOR,
Shimoga Institute of Medical Sciences,
Shimoga.

Sir,

Having examined the Tender Documents including Addenda Nos..... [insert numbers], the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver..... (Description of Goods and Services) in conformity with the said tender documents for the sum of..... (Total tender amount in words and figures) or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this tender.

We undertake, if our tender is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our tender is accepted, we will obtain the guarantee of a bank in a sum equivalent to
Percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Purchaser.

We agree to abide by this tender for the Tender validity period specified in Clause 12.1 of the ITT and it shall remain binding upon us and may be accepted at any time before the expiration of that period. And also all other conditions

Until a formal contract is prepared and executed, this tender, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

We understand that you are not bound to accept the lowest or any tender you may receive.

We clarify/confirm that we comply with the eligibility requirements as per ITT Clause 1 of the tender documents.

Dated this day of

(signature) (in the capacity of)

Duly authorized to sign Tender for and on behalf of

SECTION X: CONTRACT FORM

THIS AGREEMENT made theday of..... 20... Between DIRECTOR, Shivamogga Institute of Medical Sciences, Shivamogga (Name of purchaser) of India (Country of Purchaser) (hereinafter called “the Purchaser”) of the one part and..... (Name of Supplier) of..... (City and Country of Supplier) (hereinafter called “the Supplier”) of the other part: WHEREAS the Purchaser is desirous that certain Goods and ancillary services viz., (Brief Description of Goods and Services) and has accepted a tender by the Supplier for the supply of those goods and services in the sum of..... (Contract Price in Words and Figures) (Here in after called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
 2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - (a) The Tender Form and the Price Schedule submitted by the Tenderer;
 - (b) The Schedule of Requirements;
 - (c) The Technical Specifications;
 - (d) The General Conditions of Contract;
 - (e) The Special Conditions of Contract; and
 - (f) The Purchaser’s Notification of Award.
 3. In consideration of the payments to be made by the Purchaser to the Supplier as here in after mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
 4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
- Brief particulars of the goods and services which shall be supplied/provided by the Supplier are as under:

SL. NO.	BRIEF DESCRIPTION OF GOODS & SERVICES	QUANTITY TO BE SUPPLIED	UNIT PRICE	Total Price	DELIVERY Period

AMC/CMC for next 6 years IV years, V years, VI years, VII years, VIII years, IX years, i.e., 4th to 9th ears.

DELIVERY SCHEDULE:

As per Clause -9 of the
Special conditions of contract

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.
Signed, Sealed and Delivered by the said.

DIRECTOR, Shivamogga Institute of Medical Sciences, Shivamogga.

In the presence of:.....
Signed, Sealed and Delivered by the
Said..... (For the Supplier)
In the presence of:.....

SECTION XI. PERFORMANCE SECURITY FORM

To:

**DIRECTOR,
Shimoga Institute of Medical Sciences,
Shimoga.**

WHEREAS..... (Name of Supplier)
Here in after called “the Supplier” has undertaken , in pursuance of Contract No.....dated..... 20... to supply.....
.....(Description of Goods and Services) hereinafter called “the Contract”.

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the Supplier’s performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a Guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of.....
..... (Amount of the Guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limit of (Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein. This guarantee is valid until theday of.....2017

Signature and Seal of Guarantors
.....
.....
Date2017

Address.....
.....
.....

SECTION XII

(Please see Clause 9.2 (b) of the Instructions to Tenders)

Proforma for Performance Statement for the last three years

No: SIMS/EST-2/SIPDA/2016-17/1891

Date: 02 /02 /2017

Opening dt: 07/03/2017 at 11.30pm

Name of the Firm:.....

Orders placed By (Full address of Purchaser)	Order No and Date	Description and Quantity of Goods ordered	Value of Order	Date of Completion of Delivery As per contract / Actual	Remarks Indicating reasons for late delivery, if any	Has the goods / Equipment been satisfactorily functioning. (Attach a Certificate from the Purchaser)
1	2	3	4	5	6	7

Signature and Seal of the Tenderer:

.....
.....
.....
.....

Relevant supply order/satisfactory certificates should be submitted.

SECTION XIII:- MANUFACTURER'S AUTHORIZATION FORM

(Please see Clause 9.2 (a) of Instructions to Tenderers)

No.dated

To

Director,
Shimoga Institute of Medical Science,
Shimoga.

Dear Sir:

No: SIMS/EST-2/SIPDA/2016-17/ 1891

Date: 02/02 /2017

We who are established and reputable manufacturers of
(Name and description of goods offered) having factories at..... ..(Address of factory) do state that:

(a) M/s (Name and address of Agent) is hereby authorized to submit a tender, and sign the contract with you for the goods manufactured by us against the above IFT; OR

(b) M/s (Name and address of the Authorized Dealer) is our accredited/authorized Dealer]

We hereby extend our full guarantee and warranty as per Clause 12 of the General Conditions of Contract for the goods and services offered for supply by the above firm against this IFT.

Will not supply refurbished equipments

Yours faithfully,

(Name)

(Name of manufacturers)

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to legally bind the manufacturer. It should be included by the Tenderer in its tender.

SECTION XIV LIST OF ITEMS QUOTED.

Complete list of items quoted should be submitted with the technical bid. This list should also contain the name of the manufacturer & country of origin for each item. The serial number of the items should be the same as mentioned in the tender form. It should be in the following format.

Name & Address of the Tenderer
.....
.....
.....

Sl.No.	Name of the Equipment	Sl No In the Tenderer form	Name of the Manufacturers	Country of origin	Any other relevant information

Tenderer should quote AMC/CMC for next 6 years IV years, V years, VI years, VII years, VIII years, IX years, i.e., 4th to 9th ears.

AMC charges after warranty period
(Enclose standard spare part rate list for each year)

AMC details for the Equipment after warranty period	Qty	AMC per Unit rate	Total AMC Rate
4th			
5th			
6th			
7th			
8th			
9th			

CMC charges after warranty period

CMC details for the Equipment after warranty period	Qty	CMC per unit rate	Total CMC Rate
4th			
5th			
6th			
7th			
8th			
9th			

Director/Dean
 Shimoga Institute of Medical Sciences,
 Shimoga.