



# जीव विज्ञान संस्थान INSTITUTE OF LIFE SCIENCES

(An Autonomous Institute of the Department of Biotechnology, Govt. of India)  
NALCO SQUARE, BHUBANESWAR-751 023

## NOTICE INVITING SEALED OPEN GLOBAL TENDER

**(IV-210-S&P/2014-15/638/SOGT/SE/ILS dated 24.03.2015)**

Institute of Life Sciences, Bhubaneswar invites Sealed Open Global Tenders/ Bids under **two bid** system (Part 1: Technical Bid and Part 2 : Price Bid/Financial Bid ) from reputed foreign/Indian manufacturers, their authorized dealers/sole selling agents/ stockiest/ DGS&D approved registered Firms for "Supply, Installation & Satisfactory Demonstration" of the following scientific equipments/items for its laboratory.

Sl.No	Name of the Item	Quantity
1	Automated Genetic Analyzer / DNA Sequencer	1 no.
2	Sonication Device	1 no.
3	Photosynthetic Efficiency Analyzer	1 no.
4	Circulating Water Bath	1 no.
5	Ultra Centrifuge (Table Top)	1 no.
6	Ultra Centrifuge (Floor Model)	1 no.
7	Trinocular Stereo Microscope	1 no.
8	High Speed Floor Type Refrigerated Centrifuge with Rotors	1no.
9	Electrophoresis Bio-Analyzer	1 no.
10	CO <sub>2</sub> Incubator	1no.
11	Aspirator System	7 nos.
12	Ultra Low Temp Freezer	3 nos.
13	Micro Plate Processing	1 no.
14	Biosafety Cabinet Class II, Type-A2	1 no.
15	Floor Mounted Horizontal Double Door Pass Through Autoclave	1 no.
16	Dual Access Animal Cage Changing Station	1 no.
17	PCB Prototyping CNC Machine	1 no.
18	Refrigerated Incubator	2 nos.

Cost of tender Paper: **Rs. 300/- (non-refundable)**

**Earnest Money Deposit/ Bid Security:** EMD @ 5% (F.O.R ILS value for indigenous item & appx.CIF value for imported items) of the quoted price for each equipment to a minimum of ₹ 10,000/- .

**Date and time of issue of tender documents:** On any working day between **10.00 hrs. to 16.00 hrs. from 26.03.2015 to 27.04.2015**

**Last date & time of receipt of tenders:** **27.04.2015 up to 17.00 hrs.**

**Date, time & venue of opening of technical bid:** 28.04.2015 at 11.30 hrs. for items at sl.1 to 9 and rest items on 29.04.2015 at 11.30 hrs. in the Meeting Hall of the Institute.

**Date, time & venue of opening of price bid (only of the successful technical bids):**14.05.2015 at 11.30 hrs. for items at sl. 1-9 and rest items on 15.05.2015 at 11.30 hrs. in the Meeting Hall of the Institute.

**Terms & Conditions:** As laid down in the tender documents. Tender papers can be downloaded from the website [www.ils.res.in](http://www.ils.res.in) & [www.tenders.gov.in](http://www.tenders.gov.in) . Interested bidders are requested to see the detailed terms & conditions with specifications of the items before purchase/submission of bids. The Director, Institute of Life Sciences, Bhubaneswar reserves the right to accept/reject any/all the tenders either in part or in full or to split the order without assigning any reason thereof. *Sd/-*

*Stores & Purchase Officer*



**INSTITUTE OF LIFE SCIENCES**  
(An autonomous Institute of the Department of Biotechnology, Govt. of India)  
**NALCO SQUARE, BHUBANESWAR-751 023**  
Ph.: +91 674-2300137, 2301460, 2301476, 2301219, Fax: +91 674 2300728, Website: [www.ils.res.in](http://www.ils.res.in)

**Sealed Open Global Tender Call Notice**  
**(IV-210-S&P/2014-15/638/SOGT/SE/ILS dated 24.03.2015)**

**General Terms and Conditions**

Sub: Supply, Installation & Satisfactory Demonstration of the Scientific Equipment(s)/item(s).

Last date: **27<sup>th</sup> APRIL, 2015 on/before 17.00 hrs.**

<p><b>For Office Use:</b> <b>Non Refundable Tender paper cost: ₹300/-</b></p> <p><b>Money Receipt No. &amp; Date:</b></p> <p><b>Issued in favour of :</b></p> <p><b>Banker's Cheque/D.D. No. &amp; Date:</b></p> <p><b>Issuing Bank:</b></p> <p><b>Tender paper issued on dated:</b> <b>Post/hand:</b></p> <p><b>Issued by:</b></p> <p><b>Signature: _____ Date: _____</b></p>	<p><b>Please fill up the following if the Tender Paper is downloaded from the Website.</b></p> <p><b>Name of the Firm/Organization/ Bidder Individual:</b></p> <p><b>Banker's Cheque/D.D. No. &amp; Date:</b></p> <p><b>Amount:</b></p> <p><b>Issuing Bank:</b></p> <p><b>Downloaded on dated:</b></p> <p><b>Downloaded by:</b></p> <p><b>Signature with seal _____ Date: _____</b></p>
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**Important Notes:**

The prescribed non-transferable Tender/ Bidding documents (Technical & Price/ Financial Tender Formats, Specification of the Equipments, General Terms & Conditions of Supply etc.) of each equipment can be obtained against request on letter head by mentioning name of the item from the Accounts Section of this Institute on payment of a non-refundable amount of ₹300/- only towards cost of the tender documents for each item either in cash or in shape of A/C Payee Demand Draft. The same can also be obtained through Speed Post/Registered Post (where speed post is not available) only on request by paying extra ₹100/- over and above the above tender cost for each tender paper. The cover of the envelope containing the request letter for Tender paper should be super scribed as "Request for Tender Paper vides Sealed Open Global Tender Notice No. **IV-210-S&P/2014-15/638/SOGT/SE/ILS dated 24.03.2015**". Receipt of such request letter after due date will not be entertained. Bidders obtaining tender documents by post will be doing so at their own risk. This Institute will not be responsible in any way for non-delivery, delay, and loss or damage of the document in transit by post. Payments through demand draft should be made from a Commercial Bank in favor of 'Institute of Life Sciences, Bhubaneswar' and payable at Bhubaneswar. Payments through postal order/Cheque etc. will not be acceptable.

For internet downloaded tender documents, a non-refundable amount of ₹300/- in shape of an A/C Payee Demand Draft of a commercial bank for each equipment in favor of 'Institute of Life Sciences, Bhubaneswar' and payable at Bhubaneswar towards cost of tender documents shall have to be enclosed with the **TECHNICAL BID** by **mentioning the item no. of the tender, name and address of the bidder in the back side of the draft for our reference** while submitting the tender, otherwise, the tender will be summarily rejected. **If the tender fee is not found with the technical bid then the said tender will be rejected in the spot of opening of tender. Tender fee enclosed with the EMD, PRICE/ Financial BID will not be considered.** ILS shall not be responsible for any delay/difficulties/inaccessibility of the downloading facility for any reason whatsoever. In case of any discrepancy between the tender documents downloaded from Internet and the master copy available at ILS office, the later shall prevail and will be binding on the Vendors/ Bidders. No claim on this account will be entertained.

**Tender(s) not submitted in the prescribed technical and price format of the Institute will not be considered.**

Merely, issue of tender documents to the intending bidders or submission of tenders by the bidders does not make them eligible for award of work. Interested Vendors/ Bidders are requested to carefully study the terms and conditions and eligibility criteria before submitting the offers.

The participating bidder(s)/ vendor(s) may get clarified about the terms & conditions of submitting the tender and technical issues in the pre-bid conference to be held on **09.04.2015** in the Meeting hall of this Institute at 15.00 hrs.

*Signature with Seal of the Vendor/Bidder*  
Contd....P/2

**1) Eligibility of Bidders:**

This invitation for Bids is open to reputed Foreign/Indian Original equipment manufacturer (OEM) or their authorized dealers/sole selling agents/stockiest specifically authorized by the manufactures to quote on their behalf for this tender / DGS&D approved registered Firms. The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection of its bid.

**2) Date of Receipt & Opening of Tenders/ Bids:**

- **Last date & time of receipt of tenders:** 27.04.2015 up to 17.00 hrs.
- **Date, time & venue of opening of technical bid:** 28.04.2015 at 11.30 hrs. for items at sl.1 to 9 and rest items on 29.04.2015 at 11.30 hrs. in the Meeting Hall of the Institute.
- **Date, time & venue of opening of price bid (only of the successful technical bids):** 14.05.2015 at 11.30 hrs. for items at sl. 1-9 and rest items on 15.05.2015 at 11.30 hrs. in the Meeting Hall of the Institute.

The name of the technically qualified Vendor(s)/ Bidder(s) against each item will be available in our Notice Board as well as on our website [www.ils.res.in](http://www.ils.res.in) on 11.05.2015 ( after 16.00hrs.). The reason of rejection of the technical bid of a firm for an item will also be available along with the names of the firm(s) qualifying the technical bid.

If the above stated opening or closing date(s) happens to be Govt. holiday(s)/BANDH, the submission/opening of the tender will be on the next working day as per the time scheduled.

- 3) Pre-Bid Conference:** A pre-bid conference will be held on 09.04.2015 at 15.00 hrs in the Meeting Hall of the Institute for the sophisticated and costly equipment /all items if necessary, for clarifying issues and clearing doubts about the term and conditions of the tender, specifications and other allied technical details of the equipment projected in this sealed open global tender. Interested vendors are requested to participate in the pre-bid conference at their own cost, if held before submitting the tenders. No payment for attending the pre-bid conference will be made by this Institute.

**In case the supplier requires any elucidation regarding the tender documents, they are requested to contact to the Stores & Purchase Officer through e-mail, [spdilsc@gmail.com](mailto:spdilsc@gmail.com) on or before 14:00 hrs., 07.04.2015.**

- 4)** The interested bidder(s) or their authorized agents may remain present during the above concerned Technical bid & Price bid opening days at the scheduled time, if they desire so, at their own expenses. No one will be allowed to participate in the opening of tenders without authorization letter. Representatives should bring the authorization letters from their respective vendors in tender opening.
- 5)** The number and quantity mentioned in the above Tender Notice is the probable number and quantity required to be purchased. The same may be increased/decreased according to the requirement. The Director, ILS has the right to order or not to order any number and quantity of any such articles. The Director, ILS also has the right to divide/split the total order of an item among more than one party. Contract should ordinarily be awarded to the lowest evaluated bidder whose bid has been found to be responsive and who is eligible and qualified to perform the contract satisfactorily as per the terms and conditions incorporated in this bidding document. However, where the lowest acceptable bidder, against ad hoc requirement, is not in a position to supply the full quantity required, the remaining quantity as far as possible, be ordered from the next higher responsive bidder at the rates offered by the lowest responsive bidder. Decision of the Director of this Institute will be final and binding on all Vendors/Bidders.
- 6) Amendment of Bidding Documents:** At any time prior to the deadline for submission of bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by amendment. Such amendment will be hosted on the website of the Institute of Life Sciences prior to the deadline for submission of the bids. All prospective bidders are expected to keep themselves updated with any possible amendments by regularly visiting the said website and such amendments will be binding on the bidders. In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the Purchaser, at its discretion, may extend the deadline for the submission of bids. Any queries/clarifications regarding the contents of the Bidding Documents should be addressed to the Stores & Purchase Officer well in advance and should be received in this office before the scheduled pre bid meeting. Queries/clarifications should be sent in advance by Post/FAX/e-mail ([spdilsc@gmail.com](mailto:spdilsc@gmail.com) ). The Purchaser, however, will not be liable for non-receipt of such queries, etc.
- 7) Language of Bid:** The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid and exchanged by the Bidder and the Purchaser, shall be written in **Hindi or English language.**
- 8) Documents Comprising the Bid:** The bid is required to be submitted in two parts with the bid letter. The first part is the Technical Bid and the second part is the Price/ Financial Bid. The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the Contract. All pages of the bid, except for unamended printed literature, shall be initiated by the person or persons signing the bid with their firm's seal. Any interlineations, erasures or overwriting shall be valid only if the persons or persons signing the bid initial them.
- 9) TECHNICAL BID:** This part of the tender shall include/contain all technical details, technical specifications, drawings and also the commercial terms and conditions of contract for the supplies to be made and the services to be rendered EXCLUDING ANY PRICE DETAILS THEREOF. Technical bid should contain/include only technical specifications, technical details, literature, reference to earlier supplies of similar items, drawings, quantity, time required for submission and approval of drawings, manufacturing and delivery schedule, inspection/testing procedure, itemized list of spares and quantity (without price) recommended by the tenderer for purchase, term of price, mode and terms of payment, mode of dispatch, the quantum/percentage of statutory levies payable by the Purchaser as extra and all related commercial terms and conditions for the supplies and for the services like erection and commissioning to be rendered by the bidders. This part of the tender i.e. Part-I (Technical) shall be enclosed separately in an envelope duly sealed and super scribed with the Purchaser's tender number and the last date and time specified for receipt and opening indicated in the instruction sheet of this tender document. The bidder shall take special care NOT TO MIX UP the price of the stores in this part of the tender.
- Bidders are required to submit their technical bids in the technical bid format supplied to them (4 pages). The Technical Bid prepared by the Bidder shall include the following without indicating the price in the bid form.
- (a) Technical Compliance Sheet & Service support details Form;**
- (b)** Documentary evidence establishing that the bidder is eligible to bid and is qualified to perform the contract if its bid is accepted.
- (c)** Technical Bid along with the General Terms & Conditions of this tender duly signed in each page supplied to them.
- (d) Cost of bidding documents (copy of the money receipt issued by this Institute/ a non-refundable amount of ₹ 300/- in shape of an A/C Payee Demand Draft of a commercial bank for each equipment in favor of 'Institute of Life Sciences, Bhubaneswar' and payable at Bhubaneswar)**
- (e) Manufacturer's Authorization form, required form for the bidder registered with NSIC, Agency's experience form, Declaration- General, Delisting Declaration and Financial Status statement of the Manufacturer/Bidder for the last three financial years.**

The following documents in original (Self-attested with rubber seal, in case of Xerox copies) should also be enclosed along with the Technical bid. In case of Xerox copy, original documents for the following should be produced whenever required; otherwise tender submitted will be rejected at any moment.

- (i) Technical literatures, brochures etc. supporting the above specifications or facilities. The Bidders/Vendors are requested to highlight/underline the specifications in the Technical Brochure as per the specification wanted by ILS.
  - (ii) Authorization Certificate by the original equipment manufacturer (OEM) in bidder's favor (or in favour of your firm through your principal dealer if you are a sub-agent) to sale /service/giving Annual Maintenance Service for the above item(s) should be enclosed along with the tender; otherwise the same will be rejected. If you are a sub-agent of a principal dealer of the main company, then a letter from the principal dealer for giving direct service/AMC to this Institute by them should be enclosed otherwise your offer will be rejected.
  - (iii) Document supporting both past and present status of both the Manufacturer and Supplier.
  - (iv) Valid up-to-date ITCC, STCC, PAN Card and Tax Index No. (TIN) allotment copy. Sales tax/ Service tax/ VAT returns/ ITR for last 3 years.
  - (v) Valid proofs of any orders **without disclosing the price received** from various Govt. /Semi-Govt. /P.S.U. etc. for supply and installation of the same make and model of scientific equipment. The satisfactory supply and installation certificate duly issued by the competent authority of the said organizations should be enclosed with the tender. Other than the rates quoted by the firms, priority of selection will be given on basis of these credential certificates.
  - (vi) Service facility beyond guarantee/warranty period i.e. after sales service condition/Annual Maintenance Contract may be indicated clearly including the cost of such service and name of the firm, their financial position and past performance who will give the same service. Whether any training is needed or is it included in package deal, including technical and scientific literature, please indicate. Any difference or variation in the brand name or specification from our specification should be clearly mentioned. Brochure/ Technical literature containing the detailed specification of the models quoted should be enclosed. Give detail specification of all parts and accessories to be supplied
- 10) Manufacturer's name, makes, model, catalogue/part no. /code no. etc. of each item should be clearly mentioned. If imported, then the name, full address, phone, fax, website and e-mail of the Beneficiary/Manufacturer and authorized Indian agent (if you are a sub-agent) should be mentioned. The Items being quoted should be of Original Manufacturer and no non-standard item should be quoted. All detailed specifications and make of the items to be quoted should be clearly mentioned and attached with the offer. In case of proprietary or patented item, necessary certificates in support of the same should be attached.**
- 11) Please don't provide any type of price information/information about the total amount of EMD given by you in the technical bid and don't submit EMD with the technical bid. If found so, the tender will be rejected in the spot of opening of tender and no request in the matter for reconsideration will be entertained.**
- 12) The consignment has to be delivered at this Institute and properly installed. Any freebies to be supplied with the equipment/article should be clearly mentioned.**
- 13) If the rates are included of excise duty/customs duty then the rates may be shown separately. It may please be noted that this Institute is exempted from paying of customs duty (as per custom rule, only concessional custom duty will be charged) and excise duty by DSIR, Govt. of India.** So please send your quote without adding extra Customs Duty/Excise Duty. In case you are charging excise duty, please submit a copy of the excise license issued in your favour .If selected, then the supplier has to submit every document needed by the Accounts Department of this Institute as per Govt. rule for payment.
- 14) Space, electrical load etc. needed for the instrument/equipment/article may also be indicated along with the Technical bid.**
- 15) To make the equipment operational, does it need any additional and essential accessories? If so, then please submit the list of accessories to be given by including the cost of those essential accessories only in the main unit.**
- 16) If the equipment/article is a proprietary one, then supporting documents with the following undertaking in your letter head are to be provided along with the Technical bid.**  
**(Undertaking:** Similar type of equipment/article in same name for similar work is not manufactured by any other company. Such equipment/article with same specification is not available in the market as an assembled unit, assembled by parts procured from different manufacturers/suppliers. The equipment/article with even slight deviation from this specification wanted by ILS will also not available with any other manufacturer/company. Such equipment/article is solely manufactured by us/our Principal.)
- If the above make /model is approved by the Director of Export Promotion and Marketing, Odisha/ Director General of Supplies and Disposals (DGS&D), Govt. of India then supporting document (valid proofs) may be furnished along with the Technical bid. If you are quoting the price on the above rate contracts, then please send a copy of the same.
- 17) Inspection methods and quality control standards.**
- 18) Guarantee/Warrantee:**
- a) Each equipment/article should have at least one year guarantee/warrantee or as per the guarantee/warrantee card whichever is higher from the date of successful installation at ILS. Guarantee/Warrantee for a shorter period will be rejected by the Purchaser as non-responsive. Preference in selection other than cost of the equipment (to be assessed by ILS) will be given for those firms opted for guarantee/more years guarantee/warrantee. The Supplier warrants that the Goods supplied under this Contract are new, unused, of the most recent or current models and those 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 (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 country of final destination. The guaranty/ warranty should be comprehensive on site, repair/replacement. Guarantee certificate should be submitted along with dispatch documents
  - b) The supplier should provide the *service manual, user manual & guarantee/warranty card* along with the equipment, which should be handed over to the Junior Instrumentation Engineer of ILS at the time of installation of the same. Payment can only be made after receipt of the service manual, user manual & guarantee/warranty card by the Junior Instrumentation Engineer of ILS. In case of payment in advance/sight draft/letter of credit the above documents should be handed over to the Junior Instrumentation Engineer of ILS at the time of installation of the equipment, otherwise the security deposit submitted by the supplier will not be refunded.
  - c) **Extended Guarantee/Warrantee Condition:** Additional Guarantee/ Warranty condition for equipment each quantity costing approximately CIF (Kolkata/Bhubaneswar for imported item) & FOR (for indigenous item) ILS Value ₹ 25.00 lakhs or more:
    1. The equipments should be supplied with at least one year standard comprehensive Guarantee/ Warranty by the manufacturer covering service, all spares and other related costs including shipping/ transportation charges up to ILS, Bhubaneswar, all taxes, customs clearance & customs duty and all related charges.
    2. The firm participating in the bid should also quote for extended warranty/ AMC at site covering service & all spares in INR for 4 years after expiry of warranty period. This will be treated as a part of the price bid, i.e., price bid of a tender will be evaluated taking this into consideration. However, the payment against this will be made in 4 phases i.e., at the end of the completion of one year service. In this extended warranty/AMC period ILS will only bear the concessional Customs duty, Customs clearance charges at Kolkata/Bhubaneswar Air port and other Govt. taxes for shipment of spares if needed but ILS will not bear any freight, insurance, delivery order and other related charges for this free replacements.
    3. The vendors should quote the extended service charges or AMC charges without adding the current rate of service tax. The service tax during the period of contract will be paid extra as applicable.
    4. The vendors are requested to enclose an undertaking letter of their Principal Company with the PRICE/ FINANCIAL BID for item costing ₹ 25.00 lakhs or more in the format at Annexure - 1 otherwise; the tender will be summarily rejected.



**19) PRICE/ FINANCIAL BID:** The Vendor(s)/Bidder(s) are required to type the tender form format supplied to them on their letter head and to fill up (by typing/hand written) the same (page 1, 2, 3, 4 supplied for imported items and 5, 6, 7 for indigenous items and the Performance Statement Form of last 3 financial years at page 8 ) and to submit the price list of the items (if any). **Any other rate quoted elsewhere except in the price format will not be considered for evaluation. Any price/ financial bid not given in the ILS format will be rejected.** Preference (up to 2%) will be given to the firm who has quoted for indigenous items instead of imported items. **The performance statement form at sl.pg.8 of the price/ financial bid may be filled up and submitted with the price bid along with supporting documents, failing which the tender will be cancelled. Bidders are requested to use page no. 5, 6 & 7 of the PRICE BID who wish to offer Imported items in INR.** Preference up to 1.5% will be given to those bids quoted imported items in Indian rupees.

- a) Shipment, payment and other conditions mentioned in the above format are final and any change will not be acceptable.
- b) The price of the goods/facility for indigenous items should be F.O.R. destination including all charges like packing, forwarding, taxes, Govt. levies etc. Under no circumstances shall prices quoted for any other location will be accepted. Quoted rate should be inclusive of all applicable statutory taxes and levies, supply, delivery charges, installation, insurance, Inspection charges, commissioning and any other charges, if any.
- c) The price should be inclusive of any Indian duties, sales and other taxes which will be payable on the goods if this Contract is awarded; the price for inland transportation, insurance and other local costs incidental to delivery, installation/demonstration and onsite training of the goods to their final destination. Under no circumstances shall claim for any additional taxes, levies, etc., be entertained once the final contract is awarded on the basis of the rates quoted. Prices will remain firm till complete execution of the order.
- d) For imported items, the price may be quoted with CIF, Bhubaneswar/Kolkata value, as this Institute has its own authorized customs clearing agent only at Bhubaneswar and Kolkata Airport/ Seaport. So total CIF value may be given for CIF Bhubaneswar (Insurance up to ILS, Bhubaneswar) or CIF Kolkata (but Insurance up to ILS, Bhubaneswar). Priority (additional 1.5% up to value ₹25.00 lakhs, 1% for ₹25.00 lakhs up to ₹50.00 lakhs, 0.75% for ₹50.00 lakhs up to ₹1.00 Crore and 0.5% for ₹1.00 Crore and above on the grand total price in the price bid) will be given for CIF Bhubaneswar value. CIF value for any other city will be rejected.
- e) The rates quoted should be valid up to **31.07.2015**. A bid valid for a shorter period may be rejected by the Purchaser as non-responsive. In exceptional circumstances, the Purchaser may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (or by cable, telex, fax or e mail). The bid security/ EMD at **Clause 22** shall also be suitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid.
- d) One supplier can also participate for more than one tender. But he has to give supporting documents for each tender separately. Tender paper purchased for a particular item cannot be used without permission of ILS for other item(s). If used without permission, then the same will be rejected and EMD submitted for such item(s) will be forfeited.
- e) There should not be any deviation of the Price format.
- f) Price/ Financial bid must contain, not only the rates in figures, but must also be expressed in words. Any overwriting/using fluids/cutting in the Price bid will not be entertained. If there is any overwriting/using fluids/cutting in the price section then it should be authenticated (duly signed by the vendor near the same).
- g) The exchange rates for imported items quoted by the firms in foreign currencies will be taken into account as per the exchange rates applicable on the closing date of the tender i.e. on **27.04.2015**.
- h) Valid price proof of the company should be enclosed along with the price bid.

**Taxes :**Income tax shall be deducted at source as per rules at prevailing rates. Please furnish your permanent Income tax number. Quoted Rates shall be inclusive of all taxes. In case if any tax mentioned by bidder in technical bid the same will not be considered for evaluation. Irrespective of taxes/duties quoted by bidder in the tender, bidder shall be fully responsible for the payment of any and all taxes, duties, octroi/entry tax , rates, cess, levies and statutory payments payable under all or any of the statutes etc. Variations of taxes and duties due to amendments to the Central/State enactments shall be to ILS's account so long as it relates to the period after the opening of the price bid, but before the contracted completion period or the actual completion period, whichever is earlier and the vendor furnishes documentary evidence of incurrance of such variations, in addition to the invoices/documents for claiming Cenvat/Input Tax credit, wherever applicable.

**20) Bid Currencies:** Prices shall be quoted both in Indian Rupees and in any freely convertible foreign currency.

**21) Negotiation for Freight & Insurance for Optional item(s):** If one bidder is selected for more than one item of a particular manufacturer or supplier, then the CIF charges may be negotiated for freight, insurance etc. Packing, Handling, Freight and Insurance charges etc. will be negotiated for the Optional Accessories to be purchased, if required at the time of order.

**22) EARNEST MONEY DEPOSIT (EMD)/ BID SECURITY:** The EMD/ Bid Security is required to protect the Purchaser against the risk of Bidder's conduct, which would warrant the security's forfeiture. An earnest money @ 5% for each equipment/article (F.O.R ILS value for indigenous item & CIF value for imported items) to a minimum of ₹10,000/- in shape of A/C payee Demand Draft/ Banker's Cheque of commercial bank in favor of "Institute of Life Sciences, Bhubaneswar" payable at Bhubaneswar must be deposited along with the tender. For various models of the particular item, the EMD @ 5% (F.O.R ILS value for indigenous item & CIF value for imported items) to a minimum of ₹10,000/- should be made for the value of the model that has the highest price. **The EMD should normally to remain valid for a period of 45 days beyond the final bid validity period i.e. up to 14.09.2015. Please mention the item name & no. of the tender, your company name and address in the back side of the EMD draft for our reference. The EMD to the unsuccessful Bidder(s)/Vendor(s) will be returned to them at the earliest (within 30 days) after expiry of the final bid validity (31.07.2015) or latest on or before the 30<sup>th</sup> day of the award of the contract or order whichever is earlier without any interest. The earnest money of the successful Bidder/Vendor may be adjusted without interest on request of the Bidder/Vendor with the following security deposit/ performance security. Bidder(s)/Vendor(s) exempted from paying EMD shall have to furnish the related valid documents for such exemption. EMD/ Bid Security exceeding ₹50,000/- can also be deposited in the form of Bank Guarantee in the prescribed form of ILS enclosed at **Annexure - 2**.**

**Exemption from EMD:**

Firms registered with NSIC and Central Public Sector Enterprises (PSE ) who are exempted from payment of EMD are allowed exemption from payment of EMD if the product being quoted is actually manufactured by them and the product is registered with these agencies. Firms registered with these agencies selling products of other companies and not manufacturing the products being quoted by them are not allowed exemption from. To avail EMD exemption, the firms should submit a legible photocopy of valid Registration Certificate. Registration certificate should be valid as on date of quotation. Photocopy of application for registration as NSIC or for renewal of NSIC will not be acceptable. Such offers will be treated as offers received without EMD. EMD exemption document (as specified above) should be kept in separate envelope (super scribed with tender number, job & due date) and should be deposited by tender due date and time with the Price/ Finance Bid or in a separate sealed envelope.

Registration with DGS&D will not entitle the Tenderer to claim exemption from payment of EMD.

**Tender(s) without appropriate EMD will be rejected at the spot of opening of the tender and no reconsideration will be made. EMD will be opened with the price bid on the date of opening of price bid. The tender will be rejected in the spot of the opening of technical bid, if the technical bid contains any type of price information, information about the total EMD or contains the EMD. EMD/ Bid Security may be deposited with the Price/ Finance Bid or in a separate sealed envelope**

**The EMD/ Bid Security may be forfeited:**

- (a) If a Bidder withdraws, modifies, revises, deviates from its bid or any of the terms and conditions of this tender enquiry document during the period of bid validity specified by the Bidder on the Bid Form; or
- (b) In case of a successful Bidder, if the Bidder fails to furnish order acceptance within **30 days** and/or fails to furnish Performance Security.
- (c) The EMD is liable to forfeited or parties who have opted for exemption from submitting the EMD, shall be barred for a period of one year from taking part in any tender floated by ILS in future, in the event of:  
Non payment of Security Deposit, against LOIs / POs within the stipulated period of 30 days from date of placement of LOIs / POs.

**23) SECURITY DEPOSIT (SD)/ Performance Security: The successful Bidder/Vendor should deposit a security money @ 10% of the total value of the order to a minimum of ₹ 10,000/- within 30 days of issuance of the order, otherwise, the EMD/ Bid Security deposited with the tender will be forfeited and the order placed will stand as automatically cancelled.**

After receipt of the full Security Deposit/- in shape of A/C payee Demand Draft/ Banker's Cheque of a commercial bank in favor of "Institute of Life Sciences, Bhubaneswar" payable at Bhubaneswar the same EMD draft or Bank Guarantee submitted by the Vendor/ Bidder with the tender will be returned through speed post/ regd. post. The EMD of the successful Bidder/Vendor can also be adjusted on request of the Bidder/ Vendor with the security deposit. Generally, the security deposit will not be refunded without satisfactory supply of all item(s) in all respect as per quality, quantity, and specification and moreover after 60 days, beyond the date of completion of all contractual obligation of the supplier including **warranty/guarantee and extended warranty/guarantee obligation** which will be calculated from the date of successful installation of the instrument/equipment/article. The security deposit/ performance security furnished by the Bidder/Vendor will be refunded without any interest as per rule. However, security deposit/performance security is not required from Govt. Agencies/Govt. Co-Operative Stores/Govt. Super Bazaars/ Firms registered with NSIC and Central Public Sector Enterprises (PSE) who are exempted from payment of EMD. The bidder will furnish Performance Bank Guarantee in favour of Institute of Life Sciences issued by any Commercial bank (other than co-operative banks) for 10% of the total value of the material supplied and valid up to a period of 2 months beyond the expiry of defects liability period or warranty/guarantee period. In absence of submission of PBG, 10% of the total PO value will be deducted and kept as retention money.

**24) The EMD/ Bids Security and Security Deposit/ Performance Security should be submitted in Indian Rupees only in shape of A/C Payee Demand Draft of any commercial bank in favour of "Institute of Life Sciences, Bhubaneswar" payable at Bhubaneswar. Security deposit/ Performance Security can also be deposited in the form of fixed deposit receipt from a commercial bank or through bank guarantee (format enclosed at **Annexure – 3**) of a commercial bank in an acceptable manner. However, the bank guarantee should be valid till satisfactory supply of all item(s) in all respect as per quality, quantity, and specification and moreover after 60 days, beyond the date of completion of all contractual obligation of the supplier including **warranty/guarantee and extended warranty/guarantee obligation** which will be calculated from the date of successful installation of the instrument/equipment/article. Offers with EMD as Cheques/FDR or in any form other than specified above shall be treated as offers without EMD.**

**25) Modification and Withdrawal of Bids (Prior to deadline only):** The Bidder may modify or withdraw its bid after the bid's submission; provided that written notice of the modification or withdrawal is received by the Purchaser prior to the deadline prescribed for submission of bids. The Bidder's modification or withdrawal notice shall be prepared, sealed, marked and dispatched. A withdrawal notice may also be sent by telex or cable or fax or e mail but followed by a signed confirmation copy, post marked not later than the deadline for submission of bids. No bid may be modified subsequent to the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the bid form. Withdrawal of a bid during this interval may result in the Bidder's forfeiture of its bid security,

**26) Opening and Evaluation of Bids:**

- (i) The Purchaser will open all Technical Bids, in the presence of Bidders' representatives who choose to attend, as per the schedule given in bid details. Financial Bids of only Technically Qualified bidders will be opened in the scheduled date mentioned in this tender. The Bidders' representatives who are present shall sign the quotation opening sheet evidencing their attendance. In the event of the specified date of Bid opening being declared a holiday for the Purchaser, the Bids shall be opened at the appointed time and location on the next working day.
- (ii) During evaluation of bids, the Purchaser may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted. **However, no negotiation shall be held except with the lowest bidder.**
- (iii) **Preliminary Examination:** The Purchaser will examine the bids to determine whether they are complete, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order. Bids from suppliers, without proper Authorization from the manufacturers and from Indian agents without DGS&D Registration Certificate in case the items fall under the restricted list of the current EXIM policy shall be treated as non-responsive and rejected.
- (iv) Arithmetical errors in the financial bids 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 the supplier does not accept the correction of errors, its bid will be rejected. If there is a discrepancy between the price quoted in words and figures, the **rate quoted in words will be taken as final** and shall be binding on the agency.
- (v) The Purchaser may waive any minor informality, non-conformity, or irregularity in a bid, which does not constitute a material deviation, provided such a waiver, does not prejudice or affect the relative ranking of any Bidder.
- (vi) Prior to the detailed evaluation, the Purchaser will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these Clauses, a substantially responsive bid is one, which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from or objections or reservations to critical provisions such as those concerning Bid Security/ Performance Security, Warranty, Force Majeure, Applicable law and Taxes & Duties, etc., will be deemed to be a material deviation.
- (vii) If a bid is not substantially responsive, it will be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the non- conformity.

**27) Conversion to Single Currency:** In cases where bids for a particular item are quoted in different currencies, to facilitate evaluation and comparison, the Purchaser will convert all bid prices expressed in the amounts in various currencies in which the bid prices are payable to Indian Rupees at the selling exchange rate established by any bank in India on the closing date of the tender.

*Signature with Seal of the Vendor/Bidder  
Contd....P/6*

- 28) Evaluation & comparison of bids:** For the bids surviving the technical evaluation which have been found to be responsive the evaluation & comparison shall be made as under
- For indigenous offers:** The final landing cost (**cost F.O.R. Destination**) of purchase after all discounts, freight, forwarding, insurance, taxes etc. shall be the basis of evaluation.
  - For imported offers:** The final landing cost (F.O.R. Destination) of purchase after all discounts, freight, forwarding, insurance, concessional customs duty, taxes etc. shall be the basis of evaluation.
- Note: Rates quoted should indicate break-up of all items like packing, forwarding, freight, insurance charges, taxes etc. failing which the rates quoted shall be considered as all final all-inclusive rate.**
- 29) Contacting the Purchaser:** No Bidder shall contact the Purchaser on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded. If the bidder wishes to bring additional information to the notice of the purchaser, it should do so in writing. Any effort by a Bidder to influence the Purchaser in its decisions on bid evaluation, bid comparison or contract award may result in rejection of the **Bidder's bid and forfeiture of the EMD** without prejudice to any other action against such bidder as deemed fit by the Purchaser.
- 30) Post qualification:** In the absence of pre-qualification, the Purchaser will determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated responsive bid is qualified to perform the contract satisfactorily. The determination will take into account the Bidder's financial, technical and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder as well as such other information as the Purchaser deems necessary and appropriate. An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder's bid.
- 31) Award Criteria:** The Purchaser will award the contract or place the order to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily. **L1 will be decided on overall lowest quoted delivered cost basis.**
- 32) Purchaser's right to vary Quantities at the Time of Award:** The Purchaser reserves the right at the time of Contract award to increase or decrease the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.
- 33) Purchaser's right to accept Any Bid and to reject any or All Bids:** The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the Purchaser's action.
- 34) Order Acceptance:** The successful bidder should submit Order acceptance of the Purchase Order within 30 days from the date of issue, failing which it shall be presumed that the vendor is not interested and his bid security is liable to be forfeited. Failure of the successful bidder to accept the order shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security and call for new bids.
- 35) Patent Rights:** The Supplier shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods or any part thereof in India.
- 36) PENALTY CLAUSE:** On breakdown of the Equipment, the maximum time to attend the complaint is 5 working days from the date of lodging of the complaint. Otherwise penalty charges of ₹ 500/- (up to item value ₹ 10.00 lakhs) plus additional ₹ 25/- per lakh per day will be charged to the authorized service agent of the Manufacturer/ Supplier. Any rectification during the warranty/guarantee period should be done within 21 days from the date of report of the Service Engineer of the Manufacturer/Supplier for repair of the equipment in case of requirement of spare parts. Otherwise, the above penalty charges will again be imposed from the 21<sup>st</sup> day from the date of first report of the Service Engineer till rectification of the Equipment. The Manufacturer/Supplier is bound to extend the warranty/guarantee of the equipment equivalent to the number of days for which the equipment remains idle due to the break down. However, ILS will claim no extension of warranty/guarantee for the equipment lying idle due to break down for a total number of 24 days per year in the warranty/guarantee period. Both the Manufacturer/Supplier and their authorized service agent in this regard may furnish an undertaking along with the Price Bid.
- 37) Each page of the general terms and conditions supplied to vendor(s)/bidder(s) with the tender should be duly stamped and signed as a token of acceptance of all terms and conditions of the tender. No deviation in the terms and conditions of the tender notice will be accepted. The supporting documents should be duly stamped & signed by the Bidder/Vendor, otherwise it will be rejected. No retyping of the general terms and conditions supplied to you is accepted. So Please submit our original general terms and conditions duly stamped and signed along with the technical bid in our format.**
- 38) Packing:** 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. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit. In case the packing is such that it is not conducive to supply at the destinations indicated, the Supplier shall be responsible for unpacking/repacking of the goods and its ultimate delivery at the destinations indicated.
- 39) Packing Instructions:** Each package will be marked on three sides with proper paint/indelible ink, the following:  
 i) Item, ii) Contract/ Order No., iii) Country of Origin of Goods,  
 iv) Supplier's Name and v) Packing list reference number.
- 40) Incidental Services:** The supplier may be required to provide any or all of the following services, including additional services, if any at no extra cost:
- Performance or supervision of the on-site assembly and/or start-up of the supplied Goods;
  - Furnishing of tools required for assembly and/or maintenance of the supplied Goods;
  - Furnishing of detailed operations and maintenance manual for each appropriate unit of supplied Goods;
  - 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
  - Training if any, 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.
- 41) Spare Parts:** The Supplier may be required to provide any or all of the following materials, 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
  - In the event of termination of production of the spare parts:
  - Advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and
  - Following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if requested.

- 42) Inspection and tests:** Inspection and tests prior to shipment of Goods and at final acceptance are as follows:  
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. The Purchaser shall notify the Supplier in writing in a timely manner of the identity of any representatives retained for these purposes. The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at the point of delivery and/or at the Goods final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data - shall be furnished to the inspectors at no charge to the Purchaser. 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. The Purchaser's right to inspect test and, where necessary, reject the Goods after the Goods' arrival at Project Site shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods shipment.
- (i) After the goods are manufactured and assembled, inspection and testing of the goods shall be carried out at the supplier's plant by the supplier, prior to shipment to check whether the goods are in conformity with the technical specifications attached to the purchase order. Manufacturer's test certificate with data sheet shall be issued to this effect and submitted along with the delivery documents. The purchaser if so desires shall be present at the supplier's premises during such inspection and testing. The location where the inspection is required to be conducted should be clearly indicated. The supplier shall inform the purchaser about the site preparation, if any, needed for installation of the goods at the purchaser's site at the time of submission of order acceptance.
  - (ii) The acceptance test will be conducted by the Purchaser, their consultant or other such person nominated by the Purchaser at its option after the equipment is installed at purchaser's site in the presence of supplier's representatives. The acceptance will involve trouble free operation. There shall not be any additional charges for carrying out acceptance test. No malfunction, partial or complete failure of any part of the equipment is expected to occur. The Supplier shall maintain necessary log in respect of the result of the test to establish to the entire satisfaction of the Purchaser, the successful completion of the test specified.
  - (iii) In the event of the ordered item failing to pass the acceptance test, a period not exceeding two weeks will be given to rectify the defects and clear the acceptance test, failing which the Purchaser reserve the right to get the equipment replaced by the Supplier at no extra cost to the Purchaser.
  - (iv) Successful conduct and conclusion of the acceptance test for the installed goods and equipments shall also be the responsibility and at the cost of the Supplier.
  - (v) Manuals and drawings before the goods and equipments are taken over by the Purchaser; the Supplier shall supply operation and maintenance manuals together with drawings of the goods and equipments built. These shall be in such details as will enable the Purchaser to operate, maintain, adjust and repair all parts of the works as stated in the specifications.
  - (vi) The Manuals and Drawings shall be in the ruling language (English) in such form and numbers as stated in the contract.
  - (vii) Unless and otherwise agreed, the goods equipment shall not be considered to be completed for the purposes of taking over until such manuals and drawing have been supplied to the Purchaser.
- 43) Training:** The Supplier is required to train the designated Purchaser's technical and end user personnel to enable them to effectively operate the total equipment wherever indicated/necessary. Such training will be provided by the Supplier on-site or as indicated in the Specifications, free of cost.
- 44)** If supply is not completed within the stipulated period and no extension at the period of supply is applied for and granted, this Institute reserves the right to make purchase from any other sources without sending any intimation of cancellation of the order placed with the Bidder/Vendor. If the Bidder/Vendor fails to execute the order(s) within the time period, as indicated in the tender/order for supplies or as mutually agreed to, the order will be cancelled and the security deposit will be forfeited by the Institute of Life Sciences, Bhubaneswar. They will also be liable for all damages sustained by the Institute for non supply of equipment/article including the liability to pay any difference between the prices accepted by him and those ultimately paid by the Institute for the articles. The Director, Institute of Life Sciences, Nalco Square, Bhubaneswar-751 023 will assess such damages and his decision in the matter will be final.
- 45) Subcontracts:** The contract for supply cannot be sublet without the permission of the Director of Institute of Life Sciences. If required & permitted, then the Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in his original bid or later, shall not relieve the Supplier from any liability or obligation under the Contract. Sub-contract shall be only for bought-out items and sub-assemblies.
- 46)** The equipment/article supplied should strictly confirm to the specification, grades etc. quoted by the firm or to the samples supplied by the firm and accepted by ILS. If any of the equipment/article supplied by the Bidder/Vendor is found to be bad or unsound, un-merchtable, inferior in quality or not in accordance with the description or otherwise faulty or unfit for use or unwholesome, the price(s), of such equipment/article has already been made to the supplier, shall be refundable. If the payment has not been made, the tender will not be entitled to any payment whatsoever for such equipment/article.
- 47) Change Orders:** The Purchaser may at any time, by written order given to the Supplier, make changes within the general scope of the Contract in any one or more of the following:
- (a) Drawings, designs, or specifications, where Goods to be furnished under the Contract/ Order are to be specifically manufactured for the Purchaser;
  - (b) The method of shipping or packing;
  - (c) The place of delivery; and/or
  - (d) The Services to be provided by the Supplier.
  - (e) The delivery schedule.
- If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within fifteen (15) days from the date of the Supplier's receipt of the Purchaser's change order.
- 48) Contract Amendments:** No variation in or modification of the terms of the Contract/ Order shall be made except by written amendment.
- 49) Assignment:** The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract/ Order, except with the Purchaser's prior written consent.
- 50) Termination for Insolvency:** The Purchaser may at any time terminate the Contract/ Order by giving written notice to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to the Purchaser.
- 51) Governing Language:** The contract/ order shall be written in **English language**. All correspondence and other documents pertaining to the Contract/ Order, which are exchanged by the parties, shall be written in the same language.



**52) Disqualification of Tenders:**

- (a) Tenders are liable for rejection if they are not in line with the terms and conditions of this tender notice.
- (b) Conditional quotations/tenders will not be considered.
- (c) Incomplete tenders & tenders not made in the prescribed format /tenders without required documents / tender fee not submitted with technical bid /tenders without EMD/ EMD value found in Technical Bid will be rejected. Tenders submitted after the closing date and time will not be entertained and ILS will not be responsible for refund of the same. The tender will also be rejected if the EMD and tender fee found in one envelope. The tender document is not transferable.
- (d) Tenders for more than one item submitted in a single envelope.

**53) Shipment advice and shipping documents for imported equipment/article:**

**Shipment Advice:** The shipment details and a set of copy of all shipping documents may please be sent to us as well as to our custom clearing agent sufficiently ahead in order to avoid delay in custom clearance and any damage to the Consignment. Please ensure that all shipping documents mentioned below in original reaches to us prior to the arrival of the consignment at Kolkata/Bhubaneswar Airport in order to clear the consignment from the Customs Authority without paying any demurrage charges. The demurrage and other related charges, if any, due to negligence on your part would be borne by you.

**Shipping Documents:** At least 4 copies with original of all shipping documents including invoice, delivery chalan /packing list, weight list (both net & gross), **Country of Origin certificate issued by a Chamber of Commerce**, insurance documents, pre-shipment inspection certificate [to be issued by the Manufacturer or Beneficiary for item(s) value less than Rs.25.00 lakhs( appx. FOB value) and by the Society General De Surveillance S.A. Geneva or their local Accredited representatives for appx. FOB value ₹ 25.00 lakhs or more certifying that “the goods conform to the specifications and quality in order No. (Mentioning this Purchase Order No. & Date) of Institute of Life Sciences, Bhubaneswar”] etc. should be sent along with the consignment. **Only direct documents through Airlines are accepted. For any third party transport documents/console agent documents the delivery order/other related charges are to be borne by you/ your following Indian agent. The destination charges applied on issuance of the Cargo Arrival Notice by the freight agents may be settled by the Indian Agents of the respective Shippers/ Suppliers. However, ILS will bear only the normal charges which are approx. ₹1500/-.** Transport documents must not date prior to the order and short form/blank back transport documents are not acceptable. All the above documents should be properly signed and stamped by the authorized signatory of the firm. Insurance policy for this consignment must cover Institute Cargo Clauses (Air), Institute War Clauses (Air cargo) and Institute Strike Clauses (Air cargo) covering in the case of dispatch by AIR and Institute Cargo Clauses (Air), Institute War Clauses (cargo) covering in the case of carriage by Sea. Also insurance policy may be done for 100% of invoice value plus 10% in the currency of this order with claims payable in India. No consignment will be accepted without proper documents as mentioned above.

**Partial shipment:** Not permitted.

**Transshipment :** Not permitted/permitted on request with a condition to bear all expenses for this.

- 54) Other Important Clauses:** This Tender is not transferable. All enclosed tender documents along with the Annexure / Attachments will form part of the tender. Tenderer(s) shall return the completed tender set duly signed and stamped at the end of each page in token of having read, understood and accepted the terms and conditions. All signatures in tender document shall be dated as well as all the pages of all sections of the tender documents shall be stamped and signed by the Tenderer or by a person holding Power of Attorney authorizing him to sign on behalf of the tenderer before submission of tender. The prices quoted by the Tenderer shall be firm during the validity period of the bid and Tenderer agrees to keep the bid alive and valid during the said period. In case the tenderer revokes or cancels the tender or varies any of terms of the tender without the Consent of the Owner, in writing, the Tenderer forfeits the right to the refund of the Earnest Money paid along with the tender. **Tenders received after the stipulated date and time for receipt of the tenders, due to any reason will not be considered.**

ILS shall not be bound to accept the lowest tender and reserves right to accept any or more tenders in part. Decision of the Director, ILS in this connection shall be final. ILS will not be responsible for the cost incurred in preparation and submission of bids including the cost of digital certificate, regardless of the conduct of outcome of the bidding process. ILS shall not be responsible for any expenses incurred by bidders in connection with the preparation & submission of their bids, site visit and other expenses incurred during bidding process. Fax/e-mail bids shall not be accepted.

**UNSOLICITED POST BID MODIFICATION**

Bidders are advised to quote strictly as per terms and conditions of the Bidding Document and not to stipulate any deviation / exceptions. After tender submission due date & time/ extended due date & time (as the case may be) the bidders shall not make any subsequent price changes, whether resulting or arising out of any technical / commercial clarifications sought/allowed on any deviations or exceptions mentioned in the bid unless discussed and agreed by ILS in writing.

**REBATE**

No suo-moto reduction in prices quoted by bidder shall be permitted after tender submission due date & time/ extended due date & time. If any bidder unilaterally reduces the prices quoted by him in his bid after opening of bids, the bid (s) of such bidder(s) will be liable to be rejected. Such reduction shall not be considered for comparison of prices but shall be binding on the bidder in case he happens to be a successful bidder for award of work.

- 55) Liquidated damages/Penalty:** The date of delivery mentioned in any ILS order should be strictly adhered to otherwise, the Director, ILS reserves the right not to accept the delivery in part or full and to claim the liquidated damages/Penalty at 1% per week or part thereof subject to a maximum of 10% of the total value of the supply order which may be deducted from the final bill.

- 56) Merely, issue of tender documents to the intending bidders or submission of tenders by the bidders does not make them eligible for award of the order. Vendors/Bidders are requested to carefully study the terms and conditions and eligibility criteria before submitting the offers.
- 57) No separate information shall be given to individual bidders. In incomparable situation, the committee may negotiate price with the qualified bidder quoting the lowest price before awarding the offer.
- 58) If any cheating or forgery is found at any moment, the Director, Institute of Life Sciences holds the right to forfeit the EMD or Security money and is empowered to take legal action as deemed fit. ILS reserves the right to take action as deemed fit which is inclusive of placing the tenderer under suspension / holiday for a period as decided by its Director , in case of withdrawal of offer at any stage , non - acceptance of LOI/ PO or non - execution of order or any other breach of tender terms and conditions. In case of any dispute in the interpretation of the terms and conditions of the tender, the decision of the Director, ILS shall be final and binding.
- 59) The TECHNICAL BID, PRICE/ FINANCIAL BID and EMD after properly sealed (preferably wax/ cello tape seal) in three **separate** envelopes (super scribed as TECHNICAL BID WITH TENDER FEE / PRICE BID /EMD FOR SUPPLY OF SCIENTIFIC EQUIPMENT with **Item No.**\_\_\_\_\_, **Name of the Item:**\_\_\_\_\_, **Tender Notice No. IV-210-S&P/2014-15/638/SOGT/SE/ILS dated 24.03.2015**) should be sent in a single sealed (preferably wax/ cello tape seal) envelope super scribed as **“SUPPLY & INSTALLATION OF Scientific Equipment /Article vide Sealed Open Global Tender Notice No. IV-210-S&P/2014-15/638/SOGT/SE/ILS dated 24.03.2015, Item No.**\_\_\_\_\_, **Name of the Item:**\_\_\_\_\_, **Due on 27.04.2015 (17.00 HRS.)”** to the Stores & Purchase Officer, Institute of Life Sciences, Nalco Square, Bhubaneswar-751 023. **It may be noted that if any tender received without super-scribing the above, especially the Item No. / Name of the item, then that tender /quotation will not be opened i.e. it will be rejected.** If the outer envelope is not sealed and marked as above, the Purchaser will assume no responsibility for the bid's misplacement or premature opening. Please send your above sealed tender(s) preferably by Govt. Registered / Speed Post .Tender(s) can also be submitted in the office of the undersigned on any working day between 10.00 hrs. to 16.00 hrs. against receipt / acknowledgement on or before closing date and time. **Tender(s) brought by Govt post / courier after the closing date and time will not be entertained and ILS will not be responsible for refund of the same.** ILS shall not be responsible for any postal delay/any other difficulties in receipt and submission of tender within the above stipulated dates. **Tenders received by fax /e-mail will not be entertained.**
- 60) The Director, Institute of Life Sciences reserves the right to accept/reject any/all the tenders in part or in full without assigning any reason thereof. The Director, Institute of Life Sciences, Bhubaneswar is also not bound to accept the lowest or any bid under this tender process. ILS reserves the right to reject offers not meeting its Technical requirements and commercial conditions. Orders will be finalized on overall lowest quoted delivered cost. Bids shall be evaluated on the basis of landed cost at site, including all duties, taxes, freight etc. ILS reserves the right to accept any tender in whole or in part or reject any or all tenders without assigning any reason. ILS reserves right to accept any or more tenders in part. Decision of ILS in this regard shall be final and binding on the bidder. No disputes could be raised by any tenderer(s) whose tender has been rejected. ILS shall follow purchase preference / price preference as per prevailing guidelines of Government of India.
- 61) In the event of any dispute or difference(s) between the vendee ILS Bhubaneswar and the vendor(s) arising out of non-supply of material or supplies not found according to the specifications or any other cause whatsoever relating to the supply or purchase order before or after the supply has been executed, shall be referred to the Director, ILS who may decide the matter himself or may appoint arbitrator(s) under the arbitration and conciliation Act 1996. The decision of the arbitrator shall be final and binding on both the parties. The place of arbitration and the language to be used in arbitral proceedings shall be decided by the arbitrator. All disputes shall be subject to Bhubaneswar Jurisdiction only.
- 62) The court situated at Bhubaneswar shall have jurisdiction to decide any dispute or litigation, if arises in future, beyond the above-mentioned rules and regulations. The resultant contract will be interpreted under Indian Laws.

***The Bidders/ Vendors are requested to sign on each page of the General Terms & Conditions as a token of their acceptance of the terms & conditions of ILS. They are requested to give their offer as per the price/ financial format supplied with this tender notice on their letter head. The tenders/ quotations not submitted in the Technical & Price format will be rejected. Please submit this tender notice (you may submit the same copy received from this office or you can retype this tender notice without any modification) duly signed on each page otherwise your tender will not be considered.***

**Please sign the following undertaking otherwise your tender will not be accepted.**

I/We hereby undertake to abide by all the rules and regulations formulated by ILS and mentioned in the Tender Notice No. **IV-210-S&P/2014-15/638/SOGT/SE/ILS dated 24.03.2015** of Institute of Life Sciences, Bhubaneswar. I/We also undertake to follow the final decision taken by the Director, ILS in case of any dispute in future.

Name of the Vendor/Bidder:

Name of the Manufacturer/Foreign Principal

Address:

Tel. No(s):

Fax No(s):

Mobile:

E-mail:

Full Signature (authorized signatory):

Seal of the Firm

Sd/-

**Stores & Purchase Officer**

**N.B.: Please submit these general terms and conditions duly signed and stamped in each page along with the technical bid failing which your offer will be rejected.**

**Enclosure:**

Bid Letter Format- 1 page

Technical Bid Format- 4 pages

Price bid format- 7 pages

Performance Statement Form-1 page

Undertaking Format for Authorization for 5 years as *Annexure-1*- 1 page

EMD/ Bid Security Format as *Annexure-2*- 1 page

Security deposit/ performance Security Format as *Annexure-3*- 1 page

**Specifications of the Equipments- 6 pages**

## BID LETTER FORMAT

Ref. No.....

dated .....

To

The Stores & Purchase Officer,  
Institute of Life Sciences,  
Nalco Square, Bhubaneswar- 751 023

**Sub.: Supply, Installation, Commissioning and Satisfactory Demonstration of the scientific equipment: Name:....., Item sl. No. .... of your Sealed Open Global Tender Notice No. IV-210-S&P/2014-15/638/SOGT/SE/ILS dated 24.03.2015**

**Sir,**

We, the undersigned agency, having read and examined in detail the specifications and all the bidding documents do propose to provide the Services as specified in the bidding document. Our offices are equipped with adequate facilities for Supply, Installation, Commissioning and Satisfactory Demonstration of the above scientific equipment required by you. All prices mentioned in the PRICE/FINANCIAL BID is in accordance with the terms and condition specified in the bidding document and extant statutes/rules etc. All the prices and other terms and conditions of this proposal are valid up to **31.07.2015**. We have carefully read and understood the terms and conditions of the contract applicable to the tender and we do hereby undertake to provide the services as per the terms and conditions mentioned in the above tender.

We enclose herewith the complete Technical Bid as required by you. However the price/Financial bid and the required EMD/ Bid Security in separate sealed covers which are to be opened **on 14.05.2015 and 15.05.2015**, if our Technical bid found to be successful.

Certified that we are:

A sole proprietor firm and the person signing the tender is the sole proprietor/constituted attorney of the sole proprietor,

**or**

A partnership firm and the person signing the tender is the signing authority and he/she has the authority to refer to arbitration disputes concerning the business of the partnership by the virtue of the partnership agreement/by virtue of general power of attorney.

**or**

A company and the person signing the tender is the constituted attorney.

**or**

A consortium of companies with the primary party designated in Annexure A and the person signing the tender is the constituted attorney or authorized signatory of the primary party.

**Note: Delete whatever is not applicable. All corrections/deletions should invariably be duly attested by the person authorized to sign the tender document.**

Date:

(Signature of the authorized person of the Agency)

Full Address:

Telephone No(s):

Fax No(s):

E-mail:

Website:

Details of Enclosure:

1)

2)

3)

4)

5)



# INSTITUTE OF LIFE SCIENCES

Nalco Square, Bhubaneswar – 751 023.

## TECHNICAL BID FORMAT

(Sealed Open Global Tender Notice No.: **IV-210-S&P/2014-15/638/SOGT/SE/ILS** dated 24.03.2015)

Sub: Supply, Installation & Satisfactory Demonstration of Scientific Equipments/items

Instrument/ Equipment/Article Name :  
Item sl. No. of the above Tender Notice :  
Name & Address of the Original Equipment Manufacturer :

Tel. No(s): Fax No(s): E-mail: Website:

Name & Address of the Authorised Dealer/ Bidder :

Tel. No(s): Fax No(s): E-mail: Website:

Marketed by (if other than the Dealer/Manufacturer) :

Tel. No(s): Fax No(s): E-mail: Website:

Communication details of the concerned contact person to whom all references shall be made regarding this tender enquiry. [NOTE: Any changes after submission of Tender documents, please update ILS, BHUBANESWAR]

a) Full Name :

b) Complete Postal Address:

c) Telephone No(s).:

d) Fax No(s).:

e) Mobile No(s).:

f) E-mail:

g) Website Address:

**TAN/ PAN No. of the Bidder** : .....

**CST/ TIN No. of the Bidder** : .....

Whether you are a Govt. Agency / NSIC : Yes/No

Central Public Sector Enterprises  
(If the product being quoted is actually manufactured by them and the product is registered with these agencies .Enclose valid proofs)

Whether you are Regd. with DGS&D : Yes/No

(If yes then enclose valid proofs and mention registration no. and date)

Make and Model :

Page No. of the Tech. Brochure/Catalogue :

Cost of the Tender enclosed with the technical bid : Yes/No [Please  $\surd$ , If yes ] ( **tender will be rejected, if the tender fee is not found in the technical bid**)

a.) Name of the Bank & branch: \_\_\_\_\_

b.) Amount :. ₹ 300/- c.) Banker's Cheque/ Demand Draft No./Date: \_\_\_\_\_

OR

Money Receipt No..... dtd..... of ILS, Bhubaneswar

Whether the above Make & Model is : Yes/No

approved by the Director of Export Promotion and Marketing,  
Orissa/ Director General of Supplies and Disposals (DGS&D), Govt. of India?

**Signature with Seal of the Vendor/Bidder**

(Strike out whichever is not necessary)

Contd....P/2

Ref. No..... (Put your ref. no. if any)

Date.....

Validity of the Tender: ..... (Minimum up to 31.07.2015)

The Bidders are required to submit the Technical Compliance Sheet, Manufacturer’s Authorization Form, Service Support Detail Form & Agency’s Experience Form duly filled in their letter head for evaluation of their Technical Bid(s). In absence of any of the above form, the tender is liable to rejection.

**Technical Compliance Sheet**

Sl.No.	Specifications/facilities wanted by ILS	Specifications/facilities of the above model	Better Complied/Complied/ Not complied (enclose technical literature in support of your claim).

**Signature with Seal of the Vendor/Bidder**

*Sometimes, some of the technical facilities are not clearly mentioned in the technical brochures/literatures supplied by the firms in support of the above specifications. In that case, the vendors are requested to give an undertaking (preferably through the principal/manufacturer of the item if the vendor is an agent / sub-agent) that those technical facilities are available in the model quoted by them. In case of false undertaking, the vendor will be black listed and the EMD/Security Deposit will be forfeited.*

The following documents in original (Self-attested with rubber seal, in case of Xerox copies) should also be enclosed along with the Technical bid. In case of Xerox copy, original documents for the following should be produced whenever required; otherwise tender submitted will be rejected at any moment.

**The bidder shall take special care NOT TO MIX UP the price of the stores in this part of the tender.**

1. Technical literatures, brochures etc. supporting the above specifications or facilities. The Bidders/Vendors are requested to highlight/underline the specifications in the Technical Brochure as per the specification wanted by ILS.
2. Authorization Certificate of the concerned company (OEM) in your favour (or in favour of your firm through your principal dealer if you are a sub-agent) to sale /service/giving Annual Maintenance Service for the above item(s) should be enclosed along with the tender; otherwise the same will be rejected. If you are a sub-agent of a principal dealer of the main company, then a letter from the principal dealer for giving direct service/AMC to this Institute by them should be enclosed otherwise your offer will be rejected.
3. Document supporting both past and present status of both the Manufacturer and Supplier.
4. Valid up-to-date ITCC, STCC, PAN Card and Tax Index No. (TIN) allotment copy. Sales tax/ Service tax/ VAT returns/ ITR for last 3 years.
5. Valid proofs of any orders (**without price / please delete the prices mentioned in the order**) received from various Govt. /Semi-Govt. /P.S.U. etc. for supply and installation of the same make and model of scientific equipment. The satisfactory supply and installation certificate duly issued by the competent authority of the said organizations should be enclosed with the tender. Other than the rates quoted by the firms, priority of selection will be given on basis of these credential certificates.
6. Service facility beyond guarantee/warranty period i.e. after sales service condition/Annual Maintenance Contract may be indicated clearly including the cost of such service and name of the firm, their financial position and past performance who will give the same service. Whether any training is needed or is it included in package deal, including technical and scientific literature, please indicate. Any difference or variation in the brand name or specification from our specification should be clearly mentioned. Brochure/ Technical literature containing the detailed specification of the models quoted should be enclosed. Give detail specification of all parts and accessories to be supplied

**MANUFACTURERS' AUTHORIZATION FORM**

*(To be submitted in Manufacturer's Letter Head)*

No. \_\_\_\_\_

Dated \_\_\_\_\_

**THE DIRECTOR**

**INSTITUTE OF LIFE SCEINCES**

Nalco Square, Bhubaneswar – 751 023.

**Dear Sir:**

We \_\_\_\_\_ who are established and reputable manufacturers of \_\_\_\_\_ having factories at \_\_\_\_\_ (address of factory) do hereby authorize M/s (Name and address with contact details like Tel. No(s)/ Fax/ E-mail etc. of Agent/Sub-Agent) to submit a bid, negotiate and receive the order from you against your Sealed Tender Notice No. **IV-210-S&P/2014-15/638/SOGT/SE/ILS dated 24.03.2015**

No company or firm or individual other than M/s \_\_\_\_\_ is/are authorized to bid, and conclude the contract in regard to this business.

We hereby extend our full guarantee and warranty as per the condition of the above tender for the goods and services offered by the above firm(s).

Yours faithfully,

**Authorized Signatory**

(Having the power of Attorney on behalf of the Manufacturer)

*Contd....P/3*



**SERVICE SUPPORT DETAILS FORM**

*(To be submitted in Manufacturer's/Bidder's Letter Head)*

(Sealed Open Global Tender Notice No.: **IV-210-S&P/2014-15/638/SOGT/SE/ILS** dated 24.03.2015)

Sl. No.	Nature of training imparted	List of similar type equipments serviced in the past 3 years	Local Address, Telephone Nos. Fax No(s). and e-mail address of the firm located at Bhubaneswar or its adjoining areas	Value of minimum stock of consumable/spares held at all times.

Signature and Seal of the Manufacturer/Bidder.....

Place:  
Date:

**Agency's Experience Form**

*(To be submitted in Manufacturer's/Bidder's Letter Head)*

(Sealed Open Global Tender Notice No.: **IV-210-S&P/2014-15/638/SOGT/SE/ILS** dated 24.03.2015)

Clients Details where such items/facilities have been supplied/ installed/ commissioned have been undertaken

Name & Address of Client :

Type of Client :

Address:

Tel. No(s):

Fax No(s):

E-mail:

Details of Items supplied/installed:

Quantity:

(Documentary evidence in respect of each client to be enclosed)

*Signature with Seal of the Manufacturer/ Bidder*

Place:  
Date:

**TO BE FILLED BY MANUFACTURER/BIDDER REGISTERED WITH NSIC***(To be submitted in Manufacturer's/Bidder's Letter Head)*(Sealed Open Global Tender Notice No.: **IV-210-S&P/2014-15/638/SOGT/SE/ILS** dated 24.03.2015)

To  
THE DIRECTOR  
INSTITUTE OF LIFE SCEINCES  
Nalco Square, Bhubaneswar – 751 023.

1	NAME OF BIDDER	
2	WHETHER REGISTERED WITH NSIC: <b>YES/NO</b>	
3	WHETHER COPY OF NSIC CERTIFICATE ENCLOSED : <b>YES /NO</b>	
4	NSIC REGISTRATION CERTIFICATE IS VALID UPTO:	
5	MONETARY LIMIT OF NSIC REGISTRATION CERTIFICATE:	
6	WHETHER ITEM QUOTED IS COVERED IN NSIC REGISTRATION CERTIFICATE: <b>YES /NO</b>	
7	whether you have succeeded in securing orders for same items(item quoted), in competition (i.e. without price preference) with large scale units during the preceding 12 months (from the date of this tender. <b>(say : yes or no)</b> )	

Sign &amp; stamp of NSIC registered bidder

**DECLARATION-GENERAL***(To be submitted in Manufacturer's/Bidder's Letter Head)*(Sealed Open Global Tender Notice No.: **IV-210-S&P/2014-15/638/SOGT/SE/ILS** dated 24.03.2015)

To  
THE DIRECTOR  
INSTITUTE OF LIFE SCEINCES  
Nalco Square, Bhubaneswar – 751 023.

WE HEREBY DECLARE THAT WE HAVE READ & UNDERSTOOD ALL THE GENERAL TERMS & CONDITIONS, TECHNICAL SPECIFICATIONS ETC. MENTIONED IN THE ABOVE TENDER AND THE SAME IS ACCEPTABLE TO US AND WE WILL ABIDE BY THE SAME.

*Signature with Seal of the Manufacturer/ Bidder*

Place:

Date:

**DELISTING DECLARATION***(To be submitted in Manufacturer's/Bidder's Letter Head)*(Sealed Open Global Tender Notice No.: **IV-210-S&P/2014-15/638/SOGT/SE/ILS** dated 24.03.2015)

To  
THE DIRECTOR  
INSTITUTE OF LIFE SCEINCES  
Nalco Square, Bhubaneswar – 751 023.

We M/s \_\_\_\_\_ hereby declare/clarify that we have not been banned by any Government or quasi Government agencies or Public Sector Undertakings.

NOTE: If a bidder has been banned by any Government or Quasi Government Agencies or Public Sector Undertakings, the fact must be clearly stated with details. If this declaration is not given along with un-priced bid, the tender will be rejected as non-responsive. Bidder to type the above on his letter head and sign.

*Signature with Seal of the Manufacturer/ Bidder*

Place:

Date:

**FINANCIAL STATUS STATEMENT OF THE MANUFACTURER/BIDDER FOR LAST THREE YEARS***(To be submitted in Manufacturer's/Bidder's Letter Head)*(Sealed Open Global Tender Notice No.: **IV-210-S&P/2014-15/638/SOGT/SE/ILS** dated 24.03.2015)

Sl No..	Financial / Accounting Year	Profit (Rs.)	Loss (Rs.)	Annual Turnover (in Indian Rupees)
1	2011-12			
2	2012-13			
3	2013-14			
...	...	...	...	...

Place:

Date:

*Signature with Seal of the Manufacturer/ Bidder*



# INSTITUTE OF LIFE SCIENCES

Nalco Square, Bhubaneswar – 751 023.

## **TENDER FORM FORMAT (PRICE/ FINANCIAL BID - IMPORTED ITEMS)**

(Sealed Open Global Tender Notice No.: **IV-210-S&P/2014-15/638/SOGT/SE/ILS** dated 24.03.2015)

Sub: Supply, Installation & Satisfactory Demonstration of Scientific Equipments/items

Instrument/ Equipment/Article Name :  
Item sl. No. of the above Tender Notice :  
Name & Address of the Original Equipment Manufacturer :

Tel. No(s): Fax No(s): E-mail: Website:

Name & Address of the Authorised Dealer/ Bidder :

Tel. No(s): Fax No(s): E-mail: Website:

Marketed by (if other than the Dealer/Manufacturer) :

Tel. No(s): Fax No(s): E-mail: Website:

Communication details of the concerned contact person to whom all references shall be made regarding this tender enquiry. [NOTE: Any changes after submission of Tender documents, please update ILS, BHUBANESWAR]

a) Full Name :

b) Complete Postal Address:

c) Telephone No(s):

d) Fax No(s):

e) Mobile No(s):

f) E-mail:

g) Website Address:

**TAN/ PAN No. of the Bidder** : .....

**CST/ TIN No. of the Bidder** : .....

Whether you are a Govt. Agency / NSIC : Yes/No

Central Public Sector Enterprises

(If the product being quoted is actually manufactured by them and the product is registered with these agencies .Enclose valid proofs)

Whether you are Regd. with DGS&D : Yes/No

(If yes then enclose valid proofs and mention registration no. and date)

**Make and Model** :

Page No. of the Tech. Brochure/Catalogue :

EMD details: ₹ ..... D.D. /Banker's Cheque No..... Date.....

Issuing Bank & Branch: \_\_\_\_\_ Last validity date of the enclosed DD/BC \_\_\_\_\_

Whether the above Make & Model is approved : Yes/No

by the Director of Export Promotion and Marketing,  
Orissa/ Director General of Supplies and Disposals (DGS&D), Govt. of India?

**Signature with Seal of the Vendor/ Bidder**

*Contd... P/2*

**PRICE TABLE (IMPORTED ITEMS) : Ref./Quotation No....., Date:.....**

Sl. No.	Cat. No/Code/ Part No.	Name of the Item (in brief)	Qty.	Price (each) in .....currency <sup>+</sup>	Total Price in .....currency <sup>+</sup>
<b>Essential Accessories for function of the system (if any) :</b>					
<b>Items to be supplied free of cost (if any) *</b>					
Total Ex-works (F.O.B /FCA** - ) -					
Less Agency Commission @ ..... % to be payable to the above Indian Agent in equivalent in Indian Currency (if any) -					
<b>#Goods specification certification charges ( applicable only for the items - having appx. FOB value more than ₹ 25.00 lakhs or more).</b>					
Packing, Handling, Forwarding etc. (if any) -					
Net F.O.B/ FCA Charges -					
Sea/ Air/ ..... Freight charges -					
Insurance <sup>++</sup> Charges -					
Total C.I.P Charges: Bhubaneswar/Kolkata (tick the proper place) -					

Total CIP/CIF value in words :

**CIF/CIP value up to: ..... (Bhubaneswar/Kolkata) with insurance up to ILS Bhubaneswar**

Percentage of Chargeable Customs Duty :

(To be paid by ILS to the Customs Authority at the time of Custom clearance. It may please be noted that this Institute is exempted for paying of Customs Duty/Excise Duty (as per custom rule, only concessional custom duty will be charged) by DSIR, Govt. of India.)

<b>Optional Accessories (in order of priority)</b>					
Sl. No.	Cat. No/Code/ Part No.	Name of the Item (in brief)	Qty.	Price (each) in .....currency <sup>+</sup>	Total Price in .....currency <sup>+</sup>
1.					
2.					

Valid price proof (authenticated price list of the main company) against each item including the above main item(s) should be enclosed along with the price bid, if you are a dealer / sub-dealer of the main company. Same discount is also to be given on the optional item(s) as offered in the main Equipment. Please don't write as discounted prices.

**N.B.:** Packing, Handling, freight and insurance charges etc. will be negotiated for the Optional Accessories to be purchased, if required at the time of order.If the above Equipment is a proprietary one (see clause no.16 of the General Terms and Conditions of the Sealed Open global Tender Call Notice No.: **IV-210-S&P/2014-15/638/SOGT/SE/ILS dated 24.03.2015**), then an undertaking may be furnished that the same item has never been supplied at a lower cost than quoted above to any other organization (i.e. any higher discount than the above offered discount has never been given to any other organization).

(\*\*Put Country/ Place Name , + Put Currency name , ++ Insurance charges must be calculated up to ILS, Bhubaneswar, otherwise, your offer will not be entertained, \* No price benefit will be given for those items supplied free of cost ,but preference will be given at the time of selection, if the prices of two firms are equal. #Society General De Surveillance S.A. Geneva or their local accredited representatives certifying that "the goods conform to the specifications and quality in order no. (Mentioning this Purchase Order No. &amp; Date) of Institute of Life Sciences, Bhubaneswar")

**For the purpose of reimbursement of Service tax, vendor should give tax invoice with registration number etc.****TAX DETAILS FOR INFORMATION PURPOSE ONLY AND NOT FOR EVALUATION**

Bidder required to furnish the details of Tax , in the following table.

Sr.No	Description	Applicable Tax %
	SALES TAX / VAT	
	SERVICE TAX	
	WCT	
	OTHERS (Specify)	

(Strike out whichever is not necessary)

**Signature with Seal of the Vendor/Bidder**

**# 3 #**  
**INSTITUTE OF LIFE SCIENCES**  
**Nalco Square, Bhubaneswar – 751 023.**  
**TERMS AND CONDITIONS (IMPORTED ITEMS)**

**(Sealed Open Global Tender Notice No.: IV-210-S&P/2014-15/638/SOGT/SE/ILS dated 24.03.2015)**

Name & Address of Beneficiary/ Manufacturer :  
(To whom purchase order will be addressed)

Tel. No(s): Fax No(s): E-mail: Website:

Name & Address of the Banker :  
(should be changed, if needed)

Tel. No(s): Fax No(s): E-mail: Website:

SWIFT CODE: Account Name/No.

Wire Transfer Details ( if payment is to be made through wire transfer) :

Country of Origin :  
Shipment conditions

1. Port of shipment -
2. Partial shipment - Not permitted by ILS
3. Trans-shipment - Not permitted. In unavoidable cases, prior approval of the Institute should be obtained. Additional charges for trans-shipment to be borne by the supplier.
4. Time of shipment - ..... days (Maximum 90 days from the date of order)

5. Name & Address of Freight Forwarder with Tel./Fax No(s) -

(Only direct documents through Airlines or Steamer are accepted. For any third party transport documents/ console agent documents, the delivery order & other charges to be borne by the vendor/ principal. ILS will bear only the normal charges, which is approx ₹ 1500/-).

6. Are you added any Item/ Items in the Tender/ Quotation which is/are in the negative list of import - Yes/ No

7. **Payment Conditions:** - Agree for ..... [a / b / c / d / e]

- a) Immediately (approx. within 30 working days) after successful installation of the Equipment at ILS, Bhubaneswar.
- b) Immediately (approx. within 30 working days) on receipt of the consignment at ILS, Bhubaneswar.
- c) On "sight draft" basis through Bankers of ILS, Bhubaneswar immediately after receipt of the item
- d) Normally, advance payment cannot be made to any organization. But in unavoidable circumstances ILS can make advance payment through A/C payee Cheque/ Draft against deposit of bank guarantee for the equal amount of advance (i.e. for full 100% value) of the item with 10% extra i.e. for 110% from a Commercial Bank in an acceptable manner. The bank guarantee will be valid up to the successful installation of the Equipment at ILS, Bhubaneswar. ILS will not bear any bank charges for this.
- e) By letter of credit. (Without confirmation. Confirmed if charges will be borne by you. The confirmation charges of L/C will be approx. ₹ \_\_\_\_\_).  
Other than the cost of the equipment, priority for selection will be given to the Firms in order of above preference a / b / c / d / e as 1<sup>st</sup>/2<sup>nd</sup>/3<sup>rd</sup>..... (approx. price preference up to 3% will be given to those firms opted the payment condition mentioned at 'a', 2.5% for 'b', 2% for 'c', 1% for 'd' in comparison with 'e'. Also the differential percentage of price preference will be counted among a, b, c and d).

**ILS will not bear any bank charges outside India. No other payment condition will be considered than the above. Any tender having different payment term than above will be rejected.**

8. Validity of the Tender :  
(minimum up to 31.07.2015)

9. Delivery Period : ..... Days / Months (at best 3 months)

10. Installation/Demonstration and training : Free of cost/ ₹ \_\_\_\_\_  
(If chargeable, then clearly mention the amount)

**Signature with Seal of the Vendor/Bidder**

(Strike out whichever is not necessary)

Contd... P/4



# 4 #

11. Items required for Installation :..... (to be arranged by ILS/You? Please mention.)

Electrical items:

- a)
- b)

Any other items:

(in case the price bid of more than one firms happens to be equal, priority will be given to the firm which will arrange the above at its own cost)

12. Minimum space required for Installation:

13. (A) Guarantee/ Warrantee:..... year(s)

(At least 1 year guarantee/ warrantee from the date of successful installation at ILS, Bhubaneswar)

(B) Free Annual Maintenance Service/Contract (AMS/AMC):

- i)-----years after the expiry of the guarantee/warranty, inclusive of spare parts and service.
- ii)-----years only on service after the expiry of the guarantee/warranty.
- iii) NIL

(Preference in selection other than cost of the equipment (to be assessed by ILS) will be given to the firm which will provide Guarantee / Warranty and free AMS for more no. of years.)

(C) Submission of Guarantee/ Warrantee, Service Manual & User Manual : Agreed / Disagreed

(Documents as per clause 18(b) at page no. 3 of the general terms & conditions supplied with this price bid)

(D) Annual Maintenance Service/Contract Charge (only labour) after expiry : ₹...../- (Rs.....) of the Guarantee/Warrantee period. .... per year excluding Service Taxes

(Price bid of a tender may be evaluated taking this into consideration)

This rate should be valid up to at least 4 years after expiry of warrantee/ guarantee period.

(E) Extended Guarantee/Warrantee:

Additional Guarantee/Warrantee for Equipments each quantity costing approximately INR ...../- (Rs.....) CIF (Kolkata/Bhubaneswar for imported item) & FOR (for indigenous item) ..... ILS Value ₹25.00 lakhs or more (Please see clause 18(c) at page no. 3)

At least 4 years after competition of Guarantee/Warrantee period

(On disagreement, the offer may be rejected)

Enclose the required undertaking letter of your Principal Company mentioned at clause 18(c) at point no. 4 in order to accept your price bid.

for 4 (four) years after completion of Guarantee/Warrantee period

14. Penalty Clause:

On breakdown of the equipment, the maximum time to attend the complaint is 5 working days from the date of lodging of the complaint. Otherwise penalty charges of ₹500/- (up to item value ₹10.00 lakhs) plus additional ₹25/- per lakh per day will be charged to the authorized service agent of the Manufacturer/ Supplier. Any rectification during the warranty/guarantee period should be done within 21 days from the date of report of the Service Engineer for repair of the equipment in case of need of spare parts. Otherwise, the above penalty charges will again be imposed from the 21<sup>st</sup> day from the date of first report of the Service Engineer till rectification of the Equipment. The Manufacturer/Supplier is bound to extend the warrantee/guarantee of the equipment equivalent to the number of days for which the equipment remains idle due to the break down. However, ILS will claim no extension of warrantee/guarantee for the equipment lying idle due to break down for a total number of 24 days per year in the warranty/guarantee period. Both the Manufacturer/Supplier and their authorized service agent in this regard may furnish an undertaking along with the Price Bid.

: Agreed / Disagreed  
(On disagreement, the offer will be rejected. No conditional agreement will be accepted).

I/We hereby undertake that all the above information's provided by me/us are true. The specifications of the above equipment(s)/item(s) are equal or superior as per your tender / as per our technical bids submitted with you. If any cheating or forgery is found at any moment, the Director, Institute of Life Sciences holds the right to forfeit my/our EMD or Security money and is empowered to take legal action as deem fit against me/us.

Place :

Date :

(Strike out whichever is not necessary)

Signature with Seal of the Vendor/ Bidder

Contd...P/5



**INSTITUTE OF LIFE SCIENCES**  
Nalco Square, Bhubaneswar – 751 023.

**TENDER FORM FORMAT (PRICE/ FINANCIAL BID - INDIGENOUS ITEMS)**

(Sealed Open Global Tender Notice No. : IV-210-S&P/2014-15/638/SOGT/SE/ILS dated 24.03.2015)

Sub: Supply, Installation & Satisfactory Demonstration of Scientific Equipments/items

Instrument/ Equipment/Article Name :  
Item sl. No. of the above Tender Notice :  
Name & Address of the Original Equipment Manufacturer :

Tel. No(s): Fax No(s): E-mail: Website:

Name & Address of the Authorised Dealer/ Bidder :

Tel. No(s): Fax No(s): E-mail: Website:

Marketed by (if other than the Dealer/Manufacturer) :

Tel. No(s): Fax No(s): E-mail: Website:

Communication details of the concerned contact person to whom all references shall be made regarding this tender enquiry. [NOTE: Any changes after submission of Tender documents, please update ILS, BHUBANESWAR]

a) Full Name :

b) Complete Postal Address:

c) Telephone No(s).:

d) Fax No(s).:

e) Mobile No(s).:

f) E-mail:

g) Website Address:

**TAN/ PAN No. of the Bidder** : .....

**CST/ TIN No. of the Bidder** : .....

Whether you are a Govt. Agency / NSIC : Yes/No

Central Public Sector Enterprises  
(If the product being quoted is actually manufactured by them and the product is registered with these agencies .Enclose valid proofs)

Whether you are Regd. with DGS&D : Yes/No

(If yes then enclose valid proofs and mention registration no. and date)

**Make and Model** :

Page No. of the Tech. Brochure/Catalogue :

EMD details: ₹ ..... D.D. /Banker's Cheque No..... Date.....

Issuing Bank & Branch: \_\_\_\_\_ Last validity date of the enclosed DD/BC \_\_\_\_\_

Whether the above Make & Model is approved : Yes/No

by the Director of Export Promotion and Marketing,  
Orissa/ Director General of Supplies and Disposals (DGS&D), Govt. of India?

*Signature with Seal of the Vendor/ Bidder*

**PRICE TABLE (Indigenous Items) –Ref. /Quotation No....., Date:.....**

Sl. No.	Cat. No/Code/ Part No.	Name of the Item (In brief)	Qty.	Price (each) in ₹	Total Price in ₹
<b>Essential Accessories for function of the System (if any):</b>					
<b>Items to be supplied free of cost (if any) *</b>					
Total Ex-works					-
Packing, Handling, Forwarding etc. (if any)					-
Net Ex-works Charges					-
Custom Duty/Excise duty <sup>+</sup> (if any) @ .....%					-
C.S.T .....% (if any)					-
Delivery/ Freight Charges (₹ ..... ) + Insurance** Charges (₹ ..... )=					
Entry tax ^@ .....%					-
VAT @ %					-
<b>Grand Total (F.O.R ILS, Bhubaneswar):</b>					

(Grand Total in words: Rupees \_\_\_\_\_)

<b>Optional Accessories (in order of priority)</b>					
Sl. No.	Cat. No/Code/ Part No.	Name of the Item (In brief)	Qty.	Price (each) in ₹	Total Price in ₹
1.					
2.					

Valid price proof (authenticated price list of the main company) against each item including the above main item(s) should be enclosed along with the price bid, if you are a dealer / sub-dealer of the main company. Same discount is also to be given on the optional item(s) as offered in the main Equipment. Please don't write as discounted prices.

If the above Equipment is a proprietary one (see clause no.16 of the General Terms and Conditions of Sealed Open Global Tender Call Notice No.: **IV-210-S&P/2014-15/638/SOGT/SE/ILS dated 24.03.2015**), then an undertaking may be furnished that the same item has never been supplied at a lower cost than quoted to any other organization (i.e. any higher discount than the above offered discount has never been given to any other organization).

**N.B.:** Packing, Handling, freight and insurance charges etc. will be negotiated for the Optional Accessories to be purchased, if required at the time of order.

+ : It may please be noted that this Institute is exempted for paying of Customs Duty/Excise Duty(as per custom rule, only concessional custom duty will be charged) by DSIR, Govt. of India.

\* No price benefit will be given for those items supplied free of cost, but preference will be given at the time of selection if the prices of two firms are equal.

\*\* Insurance should be calculated up to ILS, Bhubaneswar.

^ **It is the sole responsibility of the bidder to arrange delivery at ILS site. However, ILS will pay the required Entry Tax as applicable or maximum @ 2% of the product cost as per rule whichever lower to the supplier only after receipt of the original Entry tax Voucher of the Sales Tax Authority.**

For the purpose of reimbursement of Service tax, vendor should give tax invoice with registration number etc.

**TAX DETAILS FOR INFORMATION PURPOSE ONLY AND NOT FOR EVALUATION**

Bidder required to furnish the details of Tax , in the following table.

Sr.No	Description	Applicable Tax %
	SALES TAX / VAT	
	SERVICE TAX	
	WCT	
	OTHERS (Specify)	

Irrespective of taxes/duties quoted by bidder in the tender, bidder shall be fully responsible for the payment of any and all taxes, duties, octroi/entry tax, rates, cess, levies and statutory payments payable under all or any of the statutes etc.

(Strike out whichever is not necessary)

**Signature with Seal of the Vendor/ Bidder**

Contd....P/7

**TERMS AND CONDITIONS (INDIGENOUS ITEMS)****(Sealed Open Global Tender Notice No.: IV-210-S&P/2014-15/638/SOGT/SE/ILS dated 24.03.2015)**

1. Name & Address of the Manufacturer/ Dealer :  
(To whom purchase order will be addressed)

Telephone No(s) :

Fax No(s) :

E-mail :

Website :

2. Payment Condition : Only through A/C. Payee Cheque/ Demand draft after successful installation

(Payment will be made within thirty working days (approx.) after successful fixing/installation and satisfactory performance of the instrument/article supplied. No advance payment will be made for supply of any item(s). But in unavoidable circumstances ILS can make advance payment through A/C payee Cheque/ Draft against deposit of bank guarantee for the equal amount of advance (i.e. for full 100% value) of the item with 10% extra i.e. for 110% from a Commercial Bank in an acceptable manner. The bank guarantee will be valid up to the successful installation of the Equipment at ILS, Bhubaneswar. ILS will not bear any bank charges for this. No other payment condition will be considered than the above)

3. (A) Guarantee/ Warrantee: ..... year(s)

(At least 1 year guarantee/warrantee should be given from the date of successful installation at ILS, Bhubaneswar)

(B) Free Annual Maintenance Service/Contract (AMS/AMC):

i) ..... years after the expiry of the guarantee/warranty, inclusive of spare parts and service.

ii) ..... years only on service after the expiry of the guarantee/warranty.

iii) NIL

(Preference in selection other than cost of the equipment (to be assessed by ILS) will be given to the firm which will provide Guarantee / Warranty and free AMS for more no. of years.)

(C) Submission of Guarantee/ Warrantee, Service Manual & User Manual

(Documents as per clause 18(b) at page no. 3 of the general terms and conditions supplied with this price bid)

: Agreed / Disagreed

(D) Annual Maintenance Service/Contract Charge (only labour) after expiry of the Guarantee/Warrantee period (Price bid of a tender may be evaluated taking this into consideration). This rate should be valid up to at least 4 years after expiry of warrantee/ guarantee period.

: ₹ ...../- (Rs.....  
.....)  
per year excluding Service Taxes

(E) Extended Guarantee/Warrantee: Additional Guarantee/Warrantee for Equipments each quantity costing approximately CIF (Kolkata/Bhubaneswar for imported item) & FOR (for indigenous item) ILS Value ₹ 25.00 lakhs or more (Please see clause 18(c) at page no. 3).

: Agreed at an extra total  
cost of ₹ ...../-  
(Rs.....  
.....) for 4 (four)  
years after completion of  
Guarantee/ Warranty period

At least 4 years after competition of Guarantee/Warrantee period

(On disagreement, the offer may be rejected)

Enclose the required undertaking letter of your Principal Company mentioned at clause 18(c) at point no. 4 in order to accept your price bid.

4. Penalty Clause:

On breakdown of the equipment, the maximum time to attend the complaint is 5 working days from the date of lodging of the complaint. Otherwise penalty charges of ₹ 500/- (up to item value ₹ 10.00 lakhs) plus additional ₹ 25/- per lakh per day will be charged to the authorized service agent of the Manufacturer/ Supplier. Any rectification during the warranty/guarantee period should be done within 21 days from the date of report of the Service Engineer for repair of the equipment in case of need of spare parts. Otherwise, the above penalty charges will again be imposed from the 21<sup>st</sup> day from the date of first report of the Service Engineer till rectification of the Equipment. The Manufacturer/Supplier is bound to extend the warrantee/guarantee of the equipment equivalent to the number of days for which the equipment remains idle due to the break down. However, ILS will claim no extension of warrantee/guarantee for the equipment lying idle due to break down for a total number of 24 days per year in the warranty/guarantee period. Both the Manufacturer/Supplier and their authorized service agent in this regard may furnish an undertaking along with the Price Bid.

Agreed / Disagreed  
(On disagreement, your offer will  
be rejected. No conditional  
agreement will be accepted).

5. Validity of the Tender : ..... (Minimum up to 31.07.2015)

6. Delivery Period : ..... Days / Months (at best 3 months)

7. Installation/Demonstration and training : Free of cost/ ₹ ..... (Rupees.....)

(If chargeable, then clearly mention the amount)

8. Items required for Installation : ..... (to be arranged by ILS / You? Please mention)

Electrical items

a)

b)

Any other items:

(in case the price bid of more than one firms happens to be equal, priority will be given to the firm which will arrange the above at its own cost)

9. Minimum space required for Installation:

I/We hereby undertake that all the above information's provided by me/us are true. The specifications of the above equipment(s)/item(s) are equal or superior as per your tender / as per our technical bids submitted with you. If any cheating or forgery is found at any moment, the Director, Institute of Life Sciences holds the right to forfeit my/our EMD or Security money and is empowered to take legal action as deem fit against me/us.

Place :

Date :

Signature with Seal of the Vendor/Bidder

(Strike out whichever is not necessary)

Contd....P/8



# 8 #

## INSTITUTE OF LIFE SCIENCES

Nalco Square, Bhubaneswar – 751 023.

### PERFORMANCE STATEMENT FORM

(For Last 3 Financial Years 2011-12 , 2012-13 & 2013-14)

(Sealed Open Global Tender Notice No.: IV-210-S&P/2014-15/638/SOGT/SE/ILS dated 24.03.2015)

Name & Address of the Firm.....

....., Tel. No(s) .....

Fax No(s) ....., e-mail ..... Website .....

Order placed by (full address Of purchaser)	Order No. And date	Description and quantity of ordered article commissioned	Price	Date of completion of delivery/ commissioning as per Contract/ Actual	Remarks indicating reasons for late delivery/ commissio ning, if any	Has the article been installed/ commissioned Satisfactory? (Attach a certificate from the purchaser/Consignee)	Contact Person along with Tel. No., Fax No. & e- mail address

Place :

Date :

*Signature with Seal of the Vendor/Bidder*

*(Strike out whichever is not necessary)*

(Valid proofs of any orders with price received from various Govt. /Semi-Govt. /P.S.U. etc. for supply and installation of the same make and model of scientific equipment. The satisfactory supply and installation certificate duly issued by the competent authority of the said organizations should be enclosed with the tender. Other than the rates quoted by the firms, priority of selection will be given on basis of these credential certificates.)



**Annexure - 1**

To

The Director,  
Institute of Life Sciences,  
Nalco Square, Bhubaneswar-751 023, India.

Sub: Sale of (.....)  
Put name of the equipment with model no(s).

which is/ are manufactured by us through our authorized sales & service agent in India

M/s.....  
.....

Tel.: ..... Fax No.: .....

e-mail: ..... to your organization vide your Sealed Open  
Global Tender No. **IV-210-S&P/2014-15/638/SOGT/SE/ILS dated 24.03.2015**, Item Sl.No. .... and Tender/  
Proforma Invoice/Quotation No..... of us/ our above agent.

**Undertaking:** The Company hereby agrees not to withdraw the authorization or dealership for the sales & service of the above equipment up to at least 5 years from the date of the successful installation at your organization. In case, it happens for the reason whatsoever the company also agrees to take the responsibility for providing the service with spares itself or through its other dealer or agent in India at the same terms & conditions and price submitted by our above current agent or dealer. In case of defaulting, we will be penalized under the Laws of Union of India.

**Authorized Signatory**

(having the power of Attorney on  
behalf of the Manufacturer)

Name:

Designation:

Name of the Company/ Firm:

Complete Postal Address:

Telephone no(s):

Fax:

E-mail:

Website:

**EMD / BID SECURITY FORM**

To:

**The Institute of Life Sciences**

Nalco Square,  
Bhubaneswar – 751 023.

Whereas ..... (hereinafter called “the Bidder”) has submitted its bid dated..... (Date of submission of bid) for the supply of..... (Name and/or description of the goods) (hereinafter called “the Bid”) vide Sealed Open Global Tender No. **IV-210-S&P/2014-15/638/SOGT/SE/ILS dated 24.03.2015** of Institute of Life Sciences, Nalco Square, Bhubaneswar – 751 023.

KNOW ALL PEOPLE by these presents that WE ..... (Name of bank) of..... (Name of country), having our registered office at ..... (Address of bank) (Hereinafter called “the Bank”), are bound unto Institute of Life Sciences, Bhubaneswar (Name of Purchaser) (Hereinafter called “the Purchaser”) in the sum of \_\_\_\_\_ for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this \_\_\_\_ day of \_\_\_\_\_.

**THE CONDITIONS of this obligation are:**

1. If the Bidder withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of bid validity:
  - (a) Fails or refuses to execute the Contract/ Order Form if required; or
  - (b) Fails or refuses to furnish the performance security deposit, in accordance with the Purchase Order of Institute of Life Sciences, Bhubaneswar.

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions. This guarantee will remain in force up to and including forty-five (45) days after the period of the bid validity, and any demand in respect thereof should reach the Bank not later than the above date. ....

**(Signature of the Bank)**

**Name of Bidder**

**SECURITY DEPOSIT / PERFORMANCE SECURITY FORM**

To:

**The Institute of Life Sciences**  
Nalco Square,  
Bhubaneswar – 751 023.

WHEREAS ..... (Name of Supplier) Hereinafter called "the Supplier" has undertaken, in pursuance of Contract/ Order No..... Dated,.....of Institute of Life Sciences, Nalco Square, Bhubaneswar – 751 023 to supply ..... (Description of Goods and Services) hereinafter called "the Contract".

AND WHEREAS it has been stipulated by you in the said Contract/ Order No 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/Order.

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 above Contract/Order 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 the ..... day of.....

**Signature and Seal of Guarantors**

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

Date.....

Address:.....

.....  
.....

**SPECIFICATION OF SCIENTIFIC EQUIPMENTS FOR 2015-16 (Total 6 pages)**  
**SEALED OPEN GLOBAL TENDER No. IV-210-S&P/2014-15/638/SOGT/SE/ILS dated 24.03.2015**

Sl.	Item with Description	Quantity
01	<p><b>Automated Genetic Analyzer / DNA Sequencer</b></p> <ul style="list-style-type: none"> <li>The system should be a fully automated 8-capillary, fluorescence-based genetic analysis system for automated de novo DNA sequencing, re-sequencing, and fragment analysis.</li> <li>The all above applications should run on a single polymer and capillary array system.</li> <li>The system should detect and analyze 4 to 6 fluorescent dyes simultaneously using sensitive detection technology and a spectrograph for color separation for DNA sequencing and fragment analysis.</li> <li>The system should contain long life laser, utilizing a standard power supply and requires no heat-removal ducting.</li> <li>The system should contain 96 X 2 well micro plate format for sample loading, and automated gel / matrix replenishment system</li> <li>The system should have precision temperature cooling/heating system to maintain temperatures from 18°C to 70° C.</li> <li>The sequencing throughput should be ≥600bp read length with more than 98% accuracy and resolution less than 2 bp.</li> <li>The system should come with the real-time data monitoring and evaluation software.</li> <li>The system should come with all the software and application for sequencing and fragment data analysis.</li> <li>The system should be capable of sequencing and fragment analysis for human and animal species identification, cell line confirmation, family pedigree studies, ancient DNA analysis and DNA data basing work.</li> <li>The onsite training by trained service engineer and application scientist to be provided.</li> <li>The regional technical and service supports to be provided.</li> <li>The documented proof of around ten installations of the similar equipment in India to be provided.</li> <li>The system should be provided with two desktops computer with the latest compatible configurations for data analysis and interpretation.</li> <li>Warranty for 5 years as per the standard terms and conditions of ILS to be provided.</li> </ul>	01
02	<p><b>SONICATION DEVICE</b></p> <ul style="list-style-type: none"> <li>Application: For shearing of DNA, Chromatin, RNA and cultured cells</li> <li>Ultrasonic wave frequency of 20-60 kHz with Ultrasonic wave output power 25-210 W</li> <li>Sonication bath volume: 100ml to 1L</li> <li>Timer should be digital (Total and interval timer)</li> <li>Tube holder and accessories for 1.5ml and 15ml falcon tubes</li> <li>Attachment units required for simultaneous sonication of 6-12 or more samples.</li> <li>Compact Sonication device with water-cooling unit for maintaining the temperature of sonication bath.</li> <li>For sonication in 15ml tubes if probes are required then probes should be provided for uniform sonication with less manipulation.</li> <li>Continuous rotation of tubes for allowing homogenous distribution of energy if required for uniform sonication.</li> <li>Allow standard transfer of protocols between labs</li> <li>Proven performance in DNA shearing for ChIP and ChIP-seq assays</li> <li>Power supply: 100/230 V, 50/60Hz, 2.1A and electric sockets should be compatible with Indian power supply</li> </ul>	01
03.	<p><b>PHOTOSYNTHETIC EFFICIENCY ANALYZER</b></p> <p>Integrated carbon dioxide gas analyzer and fluorescence detector for the study of photosynthesis in plant leaves, field model, light weight, automatic control of carbon dioxide, humidity, temperature and light, simultaneous measurement of photosynthesis and fluorescence, carbon dioxide measurement up to at least 10000 <math>\mu\text{mole mol}^{-1}</math>, along with cuvettes and other attachment and consumables, ready for demonstration of carbon dioxide use efficiency and fluorescence parameters.</p>	01
04.	<p><b>CIRCULATING WATER BATH</b></p> <ul style="list-style-type: none"> <li>Description: Calibration Bath</li> <li>Pump Capacity/ Flow rate : 15 Litre</li> <li>Refrigerated and Heating</li> <li>Controller Type: Digital</li> <li>Display: Multi parameter like set value and actual value</li> <li>Warning : Both Audio and Visual display</li> <li>Adjustable Over temp cut-off with digital display</li> <li>Electronically adjustable flow rate of pump</li> <li>Low Level Liquid Alarm</li> <li>Working Temperature Range °C: -35° to 200°</li> <li>Temperature Stability °C: <math>\pm 0.02^\circ</math></li> <li>Model: Bench top</li> <li>Power : 230V 50Hz</li> </ul>	01

<p>05.</p>	<p><b>ULTRA CENTRIFUGE (Table Top)</b></p> <ul style="list-style-type: none"> <li>• Maximum Speed (rpm) 1,50,000</li> <li>• Maximum RCF (x g) 1,000,000</li> <li>• Speed Control accuracy ±50 rpm of set speed</li> <li>• Set Temperature 0° C to 40° C in 1° C increments</li> <li>• Temperature Control ±2° C of set temperature</li> <li>• Ambient Operating Range 15° C to 35° C</li> <li>• Accel/Decel Profiles 10/10 or 9/9</li> <li>• Sound Level &lt;47 dBA</li> <li>• Refrigeration System Solid-state thermoelectric cooling</li> <li>• Power Requirement 100-240V, 50/60 Hz</li> <li>• Dimensions (29W x 25D x 16H in) or similar</li> <li>• Display Color LCD touch panel control</li> <li>• Non-prorated Warranty for Rotor drive: 5 Years</li> </ul> <p><b>Rotor 1: Fixed angle</b></p> <ul style="list-style-type: none"> <li>• Volume 2ml X 8 or better</li> <li>• Rpm 1,30,000 or better</li> <li>• RCF 9,00,000 or better</li> <li>• It should include a pack of 100 tubes, spacers, O-rings And vacuum grease etc.</li> </ul> <p>Adaptors for smaller volumes should be available and quoted optionally</p> <p><b>Rotor 2: Fixed angle</b></p> <p>Max Vol: 8x5ml</p> <ul style="list-style-type: none"> <li>• Maximum RPM/RCF; 100,000/6,50,000</li> <li>• It should include a pack of 100 tubes, spacers, O-rings and vacuum grease etc.</li> </ul> <p><b>Rotor3: Swinging bucket type</b></p> <p>Max Vol : 4x5ml</p> <ul style="list-style-type: none"> <li>• Max RPM/ RCF: 50,000/ 2, 50,000</li> <li>• It should include a pack of 100 tubes, spacers, O-rings, And vacuum grease etc.</li> </ul> <p>N.B: Please quote for both FIBER COMPOSITE and TITANIUM rotor in main unit <b>mentioning price</b>. We will choose one rotor as per our fund limit, but comparison will be made in similar rotors.</p>	<p>01</p>
<p>06.</p>	<p><b>ULTRA CENTRIFUGE (Floor Model)</b></p> <p>Maximum speed 1,00,000 rpm  Maximum RCF 8,00,000 g or more  Maximum capacity 6 x 250 mL  Speed range 1,000 rpm to maximum speed in 100 rpm  Accel / Decel profiles 10/10  Speed control accuracy ±10 rpm  Temperature set range: 0 to +40 °C  Temperature accuracy: ±0.5 °C  Ambient temperature range: +10 to +30 °C  Display: Color LCD touch panel control  Non-prorated Warranty for Rotor drive: 10 Years  Temperature control system : thermoelectric refrigeration (CFC-free)  Dimensions : (37W x 27D x 50H in) or similar  Operational noise : &lt;57d Ba  Power Requirement : 200-240V, 50/60 Hz</p> <p><b>Rotor1. fixed angle</b></p> <ul style="list-style-type: none"> <li>• Max Volume: 8 x (6.5 – 7.0) mL or better</li> <li>• Maximum RPM/RCF; 1,00,000/ 8,00,000 or better</li> <li>• It should include a pack of 100 tubes and necessary accessories.</li> <li>• Adaptors for smaller volume along with 100 tubes should be quoted optionally</li> </ul> <p><b>Rotor2. fixed angle</b></p> <ul style="list-style-type: none"> <li>• Max Volume: 8 x (36 - 39) mL or better</li> <li>• Maximum RPM/RCF: 65,000 / 4,00,000 or better</li> <li>• It should include a pack of 100 tubes and necessary accessories.</li> <li>• Adaptors for smaller volume along with 100 tubes should be quoted optionally</li> </ul> <p>N.B: Please quote for both FIBER COMPOSITE and TITANIUM rotor in main unit <b>mentioning price</b>. We will choose one rotor as per our fund limit, but comparison will be made in similar rotors.</p>	<p>01</p>

07.	<p><b>Trinocular Stereo Microscope:</b></p> <ul style="list-style-type: none"> <li>• Zoom Ratio – approx. 7:1</li> <li>• Inclined trinocular observation tube</li> <li>• Achromatic optical system</li> <li>• Lead-free microscope body, objective&amp; eye-piece</li> <li>• Magnification range - 10X to 80X or higher with 1X objective and 10X eye-piece</li> <li>• Auxiliary 2X Objective</li> <li>• Magnification of 100X or higher with 2X objective and 10X eye-piece</li> <li>• Should have Galilean optics</li> <li>• Shall come with Polarizing kit (base &amp; lens part), plus suitable dust cover(s)</li> <li>• Working distance should be ~80mm or higher with standard lenses</li> <li>• Flat base for working with crystallization plates</li> <li>• An inter-pupillary distance adjustment range within 50mm to 76 mm</li> <li>• Illumination by transmitted halogen light source and reflected light source, preferably with flexible light guide</li> <li>• 220V &amp; 50/60Hz, with power cord</li> </ul> <p><b>Optional:</b> A microscopy-dedicated 2 megapixel CMOS digital camera (with software)</p>	01
08.	<p><b>HIGH SPEED FLOOR TYPE REFRIGERATED CENTRIFUGE WITH ROTORS</b></p> <ul style="list-style-type: none"> <li>• Max speed of about 22,000 rpm</li> <li>• Max capacity - 4 litres</li> <li>• Programmable microprocessor-controlled</li> <li>• Brushless motor with friction reduction feature</li> <li>• Digital display</li> <li>• Auto rotor identification</li> <li>• Temperature range: -10 to 40 degree C</li> <li>• Non-CFC refrigeration</li> <li>• Non-prorated Warranty for Rotor drive at least 3 Years</li> <li>• Power Requirement : 200-240V, 50/60 Hz</li> </ul> <p><b>Fixed-Angle Rotors for the High Speed, Floor-Type, High Capacity Refrigerated Centrifuge (Aluminium/Carbon Fibre):</b></p> <p>Rotor 1: For 8 x 50 ml round-bottom tubes (max rpm = at least 18,000 rpm)</p> <p>Rotor 2: For 6 x 500 ml centrifuge bottles (max rpm = at least 10,000 rpm)</p> <p>Rotor 3: For 4 x 1000 ml (1 Litre) bottles (max rpm = at least 8,000 rpm)</p>	01
9.	<p><b>ELECTROPHORESIS BIO-ANALYZER</b></p> <ul style="list-style-type: none"> <li>• The system should be an automated analyzer based on microfluidics, capable to run on chip electrophoresis as a part of quality control for Proteins, DNA and RNA.</li> <li>• Single platform for DNA, RNA, PROTEIN analysis.</li> <li>• The software shall be able to detect components based on their fluorescence and translate them into gel like images and electropherograms.</li> <li>• System shall have RNA quality check option for total RNA, mRNA and small RNA data by some well-optimized documented algorithm with defined calculation.</li> <li>• The data of biochemical analysis should be in digital form for convenient analysis, archiving and storage.</li> <li>• Color coded result flagging tool in the software shall be available</li> <li>• System shall come with various data-display options as gel view, electropherograms and tables</li> <li>• The system should be well referred in scientific publications</li> </ul> <p>Manufacturer should be able to provide Chips and reagents required for DNA and RNA QC for Next Generation Sequencing. Few kits should be provided with the instrument for optimization experiments.</p>	01
10.	<p><b>CO2 INCUBATOR</b></p> <ul style="list-style-type: none"> <li>• Stainless steel interior with inner gas door, Stainless steel Exterior.</li> <li>• Sterilization: Automatic chamber sterilization. Sterilization cycle 4 hour at 160 deg.</li> <li>• Interior Volume: 153 litre.</li> <li>• Digital Electronic CO2 control with auto zero.</li> <li>• Digital NDIR CO2 sensor.</li> <li>• Hepa Filter for chamber packed in the sterile condition.</li> <li>• Temp range: up to 50 deg C</li> <li>• Active Microprocessor controlled for humidifying and dehumidifying.</li> <li>• Humidity: 88 to 97% RH</li> <li>• 3 Full Width Shelves.</li> <li>• Power supply: 230V, 50Hz</li> <li>• CO2 range: 0 to 10%, CO2 Accuracy: +/- 0.1%</li> <li>• Fully stainless steel heated door.</li> <li>• Microprocessor Temp controller with PT 100 and Auto-diagnostic system.</li> <li>• Accuracy: + / - 0.1deg C</li> </ul> <p>During sterilization the temp fixed at 160 deg C.</p>	01



11.	<p><b>ASPIRATOR SYSTEM</b></p> <ul style="list-style-type: none"> <li>Vacuum control either by pump or valve for noise reduction and minimized evaporation of volatile solvents</li> <li>Electronic detection system for level detection for prevention of liquid overflow</li> <li>Autoclavable quick couplings made of PVDF</li> <li>Lid should be Autoclavable &amp; bottle and tubing couplings can be self-sealed for full containment of bio hazardous liquids.</li> <li><b>Vacuum range:</b> - 300 to - 600 mbar (adjustable)</li> <li><b>Pump flow rate:</b> 8 L/min (air)</li> <li><b>Aspiration rate of liquids:</b> in the range of 15 ml/S</li> <li><b>Noise emission:</b> 50 dB(A) at 1 m or lower</li> <li><b>Level sensor:</b> Alarm and stop the pump if the level full.</li> <li>Power Requirement : 200-240V, 50/60 Hz</li> </ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>Polypropylene bottle 4 litre (PP)-2</li> <li>Lid for Polypropylene bottle with quick couplings and level detection-1</li> <li>Tubing set with filter, Hand operator for aspiration</li> <li>Rubber adapter for Pasteur pipettes</li> <li>1 - Channel SS adapter 40mm</li> <li>1 - Channel adaptor for disposable tips with ejector</li> <li>8 channel for disposal tips with ejector</li> </ul>	07
12.	<p><b>Ultra Low Temp Freezer</b></p> <ul style="list-style-type: none"> <li>Double door, Total Capacity :480 litres to 510 litres</li> <li>Digital display ,Painted interiors</li> <li>At least 2 racks in each chamber , Polyurethane Foam Insulation</li> <li>Voltage: 230v 50Hz, Indian Style Plug, Security : Key</li> <li>Temp : -80 degree appx., Alarms: Low/High Temp, Power failure, Door open</li> <li>Please quote for storing boxes/trays various sizes in optional.</li> <li>At least 5 years compressor warranty.</li> </ul>	03
13.	<p><b>Micro Plate Processing</b>  <b>Semi-automated electronic pipette for fast and precise 96 channel</b></p> <ul style="list-style-type: none"> <li>The System should be an electronic pipetting devise with parallel piston movement for better precision and reproducibility of results</li> <li>It should have volume range of 0.5 to 300µL with one system without the need to change heads.</li> <li>System should have Auto-detection of tip size for convenient verification between 50 and 300µL tips for more accurate volume settings and better pipetting performance.</li> <li>Should have facility to move the plate to the tips for easy pipetting with smaller risk of sample spillage.</li> <li>The system should have compact design to fit under laminar flow hood.</li> <li>Should have intuitive and industry proven software concept.</li> <li>Should have a convenient touch screen controller, accessible by other iOS 7 devices (iPhoneR, iPodR) via WiFi</li> <li>System should provide easy and rapid tip reloading with Sliding loading frame for easy operation.</li> <li>System should have possibility to pre-set lab ware height for repetitive tasks or auto-pipetting mode.</li> <li>Should help in Cell based assays, ELISA, Cell seeding, and Nucleic Acid Quantification, Plate reformatting or other applications.</li> <li>Pipetting precision of &lt; 3% at 1µL, Pipetting accuracy of &lt; 2% at 1µL</li> <li>Compatible plate formats: Should support a variety of SBS-size lab ware such as 96- and 384-well micro plates, shallow and deep well, reservoirs, and Thermo adapters</li> <li>Power Requirement : 200-240V, 50/60 Hz</li> </ul>	01
14.	<p><b>BIOSAFETY CABINET CLASS II, TYPE-A2</b>  <b>DIGITAL MICROPROCESSOR CONTROL SYSTEM</b></p> <ul style="list-style-type: none"> <li>LCD display</li> <li>Real time display of parameters: down flow velocity, airflow volume, Static pressure, negative pressure, accumulative running time of fan and UV lamp, left lifetime of filter</li> <li>UV sterilization reservation setting function</li> <li>Time setting function, Continuous HEPA filter monitoring</li> <li>Real-time airflow display on LCD</li> <li>Audible and visible airflow and filter alarms, Permanent backup HEPA filter</li> <li>Fluorescent light – one touch operation</li> <li>Air circulation : 70% down, 30% to exhaust</li> <li>Main filter efficiency: ULPA 99.9995%, Exhaust filter efficiency: HEPA 99.995%</li> <li>Blower Assembly : Double sides blower with DC motor for Smooth operation.</li> <li>Down flow velocity :0.28m/s</li> <li>Inflow velocity : 0.55m/s, Fluorescent lamp : ≥ 1100 lux</li> <li>Alarm : Sound and flash</li> <li>Working Voltage : 220 Volt / 50 Hz. Power consumption : 1300 watt</li> <li>Internal dimension : (1160x610x680) mm WxDxH approx.</li> <li>External dimension : (1367x780x2200) mm WxDxH approx.</li> <li>UV safety: UV light should automatically OFF when glass door is open.</li> </ul>	01

15.	<p><b>Floor Mounted Horizontal Double Door Pass Through Autoclave</b></p> <p><b>Dimension-</b></p> <ul style="list-style-type: none"> <li>• Approximately chamber capacity of 900±100 Litres(approx.)</li> <li>• Outer dimension:-approx. 200cmx250cmx210cm</li> <li>• Provision of External steam generator for supply of steam to autoclave</li> <li>• Sterilisation, Exhausting, Drying &amp; venting facilities</li> </ul> <p><b>Chamber construction-</b></p> <ul style="list-style-type: none"> <li>• Chamber should be horizontal rectangular design with two rectangular manual hinge door opening</li> <li>• Chamber &amp; Jacket material should be of high quality Stainless steel(SS)</li> <li>• (preferably for chamber 316L SS &amp; for Jacket 304LSS)</li> <li>• Equipped with adjustable 304L SS stand</li> <li>• Separate steam channels for chamber &amp; jacket</li> <li>• Safety valve at both chamber &amp; jacket level</li> <li>• Dead weight safety valve at chamber level</li> <li>• Working pressure-Chamber level→0-30psi      -Jacket level→0-30psi</li> <li>• Working temp.--&gt;100-140 °C</li> <li>• Sterilization, Exhausting, Vacuum Drying and Venting facilities.</li> <li>• Chamber &amp; jacket should be protected against over pressure by separate safety valves at each level with the set point at 25psi</li> <li>• The sterilizing chamber should be insulated with necessary insulating material of appropriate thickness such that skin temperature of SS cladding sheet should not exceed 10<sup>0</sup>C more than ambient.</li> </ul> <p><b>Door</b></p> <ul style="list-style-type: none"> <li>• High quality stainless steel(Preferably 316LSS)</li> <li>• Double door safety through automatic interlocks which prevent both doors from being opened simultaneously</li> <li>• Temperature and pressure activated door lock:-Door should not open until the temp and pressure reaches a predefined end point.</li> <li>• Sealed with silicon-o-seal</li> <li>• One spare set of gasket to be supplied</li> </ul> <p><b>Electricity- 3 phase 440 volt</b></p> <p><b>Provision of</b></p> <ul style="list-style-type: none"> <li>• BIOSEAL: Gas tight partition wall to separate sterile and non-sterile side. <input type="checkbox"/> Material: AISI 316 gaps filled with Silicon</li> <li>• good quality SS pipe lines &amp; fittings(preferably 316L)</li> <li>• Emergency shut-off &amp; Electric overload cut-off device</li> <li>• Pressure gauges at chamber ,jacket, steam generator</li> </ul> <p><b>Alarm-Audible &amp; visual alarm indicators on temp &amp; pressure failure, insufficient water in water reservoir, power failure, and door not properly closed</b></p> <p><b>Control &amp; Panelling-</b></p> <ul style="list-style-type: none"> <li>• User friendly control panel (preferably with touch screen facility) with visual screen at both loading &amp; unloading side. The panelling should be easily removable for inspection &amp; service for maintenance.</li> <li>• Status indicator on unloading side</li> <li>• PC connection port for direct PC access</li> <li>• Provided with automatic sequence controller with recording memory for time &amp; temp. Also compatible to download the data via USB port.</li> </ul> <p><b>Safety &amp; Standards-</b> Manufacturing &amp; testing of equipments should be as per prevailing statutory standards in India Should have recent ISO &amp; ISI standards for pressure device &amp; electrical equipment should meet proper IE rating. Manufacturer should have service facility/service agent at Bhubaneswar since last 3 years</p>	01
16.	<p><b>Dual Access Animal Cage Changing Station</b></p> <p><b>Specification :</b></p> <ul style="list-style-type: none"> <li>• Dual access should be there</li> <li>• Light weight crash resistant polymer material</li> <li>• Easy to move with 5" diameter castors with locking breaks</li> <li>• Overall dimension Approximate: 120cmX90cmX200cm (Max.)</li> <li>• Chamber diameter 100cmX75cmX60cm</li> <li>• Access opening height 35-40cm</li> <li>• Pre filter system</li> <li>• Large HEPA filters(99 %efficiency)</li> <li>• Air curtain/barrier facility for restricting air contamination</li> <li>• Microprocessor driven with control panel</li> <li>• Continuous monitoring of Cabinet airflow displayable on an easy to read control panel</li> <li>• Acoustic and visual alarms when operational condition are outside the set parameters</li> <li>• Electronically controlled florescent lamp for uniform distribution of light over work surface with provision of dimmer for adjusting light intensity.</li> <li>• Work surface height adjustable</li> <li>• SS push/pull bar for handling the cabinet</li> <li>• Minimal noise and vibration</li> <li>• High clean ability ,perfectly round &amp;smooth surface and edges</li> <li>• Electrical supply 230 v</li> </ul> <p><b>Safety &amp; Standards-</b> Manufacturing &amp; testing of equipments should be as per prevailing statutory standards in India. It should have recent ISO &amp; ISI standards.</p> <p><b>Documentation-</b></p> <ul style="list-style-type: none"> <li>• General Design Specification, General arrangement drawing</li> <li>• User manual &amp; Safety equipment certificate</li> </ul>	01

17	<p><b>PCB Prototyping CNC Machine</b></p> <ul style="list-style-type: none"> <li>• Compact size 390 □□ 330 □□ 375 mm, PCB prototype Machine with PCB Design Software.</li> <li>• <b>Machine can work with PC and also without PC.</b></li> <li>• <b>Data can be saved to compact Flash card</b></li> <li>• can make trace as small as 0.15 mm (6 mil) }</li> <li>• <b>Integrated sound/ dust inclosure, }Integrated micrometer depth controller and Micrometer adjustment resolution of 0.01mm (0.0004") to adjust working depth.</b></li> <li>• <b>Motorized Z-axis with software control drill speed</b></li> <li>• <b>Carbide Drill Bits:</b> From 0.15 mm to 1.5 mm for removing copper surface and isolating.</li> <li>• <b>Contour Routers:</b> From 1.0 mm to 1.5 mm for PCB shaping and drill holes bigger than 3.15 mm.</li> <li>• <b>Isolating Mills:</b> 60 degree, 90 degree for isolating lines from 0.1 mm to 2.0 mm.</li> <li>• <b>Board Material:</b> industrial standard circuit material. It has 0.5 oz. copper over fiberglass laminate. Available in size : 220mm x 330 mm for both single or doubled-sided.</li> <li>• Tool Kit contains 40 pieces of most commonly used tool for PCB design &amp; development</li> <li>• Working area : 200 X150 mm</li> <li>• Min drill hole size : 0.3 mm</li> <li>• Min cutting trace/space : 0.1 mm (4 mil)</li> <li>• X/Y travel speed : 50 mm/sec (MAX)</li> <li>• Spindle speed (RPM) : 25000 rpm</li> <li>• Milling depth sensing : Micrometer</li> <li>• Spindle motor : Brushless motor</li> <li>• Machine base : Cast Aluminium</li> <li>• Tool change : Manual change</li> <li>• Tool holder : 1/8 inch</li> <li>• Front to back registration : By Registration pin</li> <li>• X/Y driver : Stepping motor</li> <li>• Dimensions (W X H X D) : 395 X 330 X 375 mm</li> <li>• Weight : 20 Kg</li> <li>• Power consumption : 220V, 50 Hz</li> <li>• Sound/dust enclosure : Integrated</li> </ul>	01
18	<p><b>Refrigerated Incubator</b></p> <ul style="list-style-type: none"> <li>• Temp accuracy: <math>\pm 0.1^{\circ}\text{C}</math></li> <li>• Min temperature (<math>^{\circ}\text{C}</math>): 10 to 15</li> <li>• Max temperature (<math>^{\circ}\text{C}</math>): 50 to 60</li> <li>• Resolution: <math>0.1^{\circ}\text{C}</math></li> <li>• Display: Digital</li> <li>• Chamber Capacity: 150-180 Litres</li> <li>• Internal Construction: Stainless steel</li> <li>• External Construction: Powder-coated epoxy</li> <li>• Nearly silent operation with ultra-low vibration</li> <li>• Low footprint</li> <li>• Stores parameters and fast auto-recovery after a power failure</li> <li>• Light-tight doors with clock controlled lights, adjustable light-tight fresh air ventilation</li> <li>• Safety Alarms:</li> <li>• Upper and Lower Temp</li> <li>• Door Open</li> <li>• Sensor fault</li> <li>• Temp control programs: Fixed Program and Step Program.</li> <li>• Timer Range: Up to 99h and 59sec</li> <li>• Self: Two or more</li> <li>• Temperature Control: Micro-processor based with fault diagnostic</li> <li>• Power : 230Volt 50 Hz (Indian power cable)</li> </ul>	02