

TENDER DOCUMENT

**e-Tender:- “Supply and Installation of various Software”
at IGDTUW Campus**

e-NIT no. :F.3(15)2013/IGDTUW/ITS/
Due date & time:

warranty



Notice inviting Authority

Registrar
INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN
(Established by Govt. of NCT of Delhi under Act 9 of 2012)
Kashmere Gate, Delhi-110 006
E-mail: purchase.igit@gmail.com; www.igdtuw.ac.in

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SECTION- 1

NOTICE INVITING TENDERS (NIT)

1.1 Invitation for bidding : e-Tenders (online open tenders) under two bid system are invited by “INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN, Kashmere gate Delhi 11006, from eligible suppliers (manufacturers / authorized dealers) for “**Supply and Installation of various Software** ” to the stores of IGDTUW on basis of free delivery at site, as per the schedule of requirements and technical specifications mentioned at **Annexure-6**, within a period of **45 days** from the date of issue of Supply order/Work order /Award of contract whichever is the earliest with the terms and conditions in this tender.

1.2 Schedule of Tenders

1	Name of work	Supply of Drafting Aids for Deptt. of Architecture
2	Date of release of advertisement of tenders through e-procurement web site	17/3/2016 at 05.00 P.M.
3	Last date, time for submission of quotation/Due date and Time	7/4/2016 up to 2.00PM
4	Date& time of opening of Tender (Technical bid)	7/4/2016 at 3.00 PM,
5	Financial bid shall be opened after evaluation of technical bid/time notified thereafter	

1.3 **EMD** of respective amount as mentioned against the software specification list (Annexure 6) in the form of DD/BC should be submitted as bid security.

1.4 **The validity** of bid should be 180 days from the due date of tender.

1.5 **The e-procurement** web site <https://govtprocurement.delhi.gov.in>. is to be used on line to avail and submit the tender documents & bids.

1.6 **The place** of clarification, physical submission (as per tender), and opening of bids shall be “INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN, Kashmere gate Delhi 11006

1.7 **Late Tenders** are not acceptable.

SECTION-2 ELIGIBILITY CRITERIA

The Tenderer should meet the following eligibility criteria to become technically qualified.

2.1 Bid Security (EMD): A list and specifications of the software for which bid is being sought is mentioned at Annexure 6. Tenderer can participate for all or any software. The EMD amount for each software is mentioned at Annexure 6. Accordingly, EMD of specific amount for which tenderer is participating in the bid shall be submitted in the form of account payee Demand Draft/Banker’s Cheque drawn in favour of “**Registrar, IGDTUW GIA SB A/C**”, Delhi from any nationalized bank or commercial bank to secure the bid. The bid security is normally to remain valid for a period of forty-five days beyond the final bid validity period. The original instrument should be submitted in physical form in a sealed envelope not bigger than A-4 size mentioning address tender ID & due date of tender in the office of Administrative Officer, “**INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN**, Kashmere gate Delhi 110006 before the last date & time of submission (refer section-1, clause-1.2) of this tender. Also the scanned copy of EMD is to be submitted online. The tenderer having valid NSIC / DGS&D registration for the goods / work/service required in this tender is exempted from submitting EMD. To support this, the scanned copy of such valid registration/ exemption certificate is to be submitted online.

2.2 Commercial capability

2.2.1 Terms & Conditions: The tenderer should be a original equipment manufacturer (OEM) / sole distributor/authorised dealer for the tendered items & should not be blacklisted by any Govt. Deptt. /Autonomous body/PSU etc. to become eligible for tendering. The tenderer should submit an undertaking for agreeing Terms & Conditions mentioned in all sections of this tender as per the format given at Annexure-1. The scanned copy of Annexure-1 is to be submitted online.

2.2.2 Minimum Financial Turnover: The tenderer should have supplied similar kind of software to leading Central/State University/Govt. institutions on special educational rates after April, 2012 onwards. The tenderer should submit an undertaking duly filled in the Annexure-1 to this effect. In support, the tenderer should submit online the scanned copies of audited accounts showing Annual financial turnover for the last three Assessment Years (2012-13, 2013-14 and 2014-15). In this tender, the definition of ‘similar kind of goods/work/service’ is ‘supply, installation & training’ required for Technical Training Institutes / Universities / Colleges /Govt. deptts. / Autonomous Institutions /PSU organizations’. The average annual financial turnover of the firm should be at least three times the bid value of the software.

2.2.3 Minimum Work experience: The tenderer in past (starting April, 2012 up to date) should have the experience of successful completion of: -

Work	Work Expenditure			Annual turnover of last 3 years 3 times Bid value of the software
	3 similar work Not less than the 30 % of the Bid value	2 similar work Not less than the 50 % of the Bid value	1 similar work Not less than the 80 % of the Bid value	

The tenderer should submit an undertaking duly filled in the Annexure-1 to this effect. In support, the tenderer should submit online the scanned copies of the ‘work order copies with work completion certificates’.

2.2.4 The tenderer should submit online the scanned copies of I.T.R (Income tax Return) for the Assessment Year 2014-2015 and VAT return.

2.2.5 Tenderer should submit signature authorization certificate duly filled in Annexure-1.

2.3 Technical capability

2.3.1 The tenderer should submit an undertaking in the format given at Annexure-2. The tenderer should be sound in terms of manufacturing facility/ Supplying & Servicing capability, Quality control measure, Inspection facility, installation, commissioning, providing after sale service, training, warranty facilities, experience & past performance to do the work satisfying the required specifications. If authorized dealer/distributor, the tenderer shall provide Authorization Certificate of Dealership from OEM.

2.3.2 The tenderer should submit online the scanned copy of the Proprietary Certificate/ Sole Distributor Certificate/Manufacturer's Authorization Letter, as applicable, as per Annexure-3.

2.3.3 The tenderer should submit online the scanned copy of the 'Technical Compliance Statement' as per Annexure-4.

2.3.4 The tenderer should submit online the scanned copy of the 'Check list for Technical evaluation' as per Annexure-5.

2.3.5 The tenderer should submit in physical form any printed leaflet/ catalogue/Literature/specification sheet etc. in support of their product / service & specifications in the sealed envelope meant for submitting original instrument of EMD (refer section-2, clause-2.1).

2.4 Original documents: The tenderer should submit only following original documents in physical form before the due date & time of this tender. No other documents shall be entertained except following.

2.4.1 Original instrument of EMD (As per clause-2.1).

2.4.2 Original copy of leaflet / catalogue /Literature/ specification sheet /photograph/Drawings/Sketches etc. (As per clause-2.3.5)

2.5 Scanned copies of documents: The tenderer should submit online the scanned copies of the following documents duly filled & signed before the due date & time of this tender. The scanned copies should be clearly visible & readable.

2.5.1 Scanned copy of EMD or valid EMD Exemption certificate (As per clause-2.1).

2.5.2 Scanned copy of return of ITR for the Assessment Year 2014-2015 (As per clause-2.2.4).

2.5.3 Scanned copy of valid return for VAT (As per clause-2.2.4).

2.5.4 Scanned copies of audited accounts showing Annual financial turnover for the last three years (2012-13, 2013-14 and 2014-15) (As per clause-2.2.2).

2.5.5 Scanned copies of Annexure 1, 2, 3, 4 & 5 duly filled and signed (As per clause-2.2.1, 2.3.1, 2.3.2, 2.3.3, 2.3.4 respectively).

2.5.6 Scanned copies of the work order copies with work completion certificates (As per clause-2.2.3).

2.5.7 Scanned copy of **valid Authorization Certificate of Dealership from OEM**

2.6 Rejection of bid: The tender is liable for rejection at any stage during evaluation due to any of the reasons mentioned below.

2.6.1 Minimum Financial Turnover: The tenderer fails to meet the criterion of annual average financial turnover during the last three financial years (2012-13, 2013-14, 2014-15) as per clause-2.2.2.

2.6.2 Minimum work experience: The tenderer fails to meet the criterion of minimum work experience as per clause-2.2.3.

2.6.3 Certification: The tenderer fails to meet the criterion of possessing any valid certificate as mentioned per clause-2.3.1.

2.6.4 Conditional bids: The tenderer submits a conditional bid document or submits an extra document other than those mentioned in clauses-2.4 & 2.5. Conditional bid shall be rejected. Tenderers should note that 'No Price should be indicated in the Technical Bid'. In case any price is mentioned in the technical bid, the Bid will be rejected out-rightly without any further correspondence.

2.6.5 Incomplete bids: : It is found that there is submission of incomplete, unsigned and uncertified bid document **or** Non-submission of tender within stipulated time **or** Submission of tender documents in unsealed envelope **or** Tender envelopes which are not super scribed with details of the tender ID/enquiry **or** Non-payment of Earnest Money Deposit (if not exempted) **or** Non-submission of required documents as shown in clause 2.4 & 2.5 **or** Submission of misleading / contradictory / false statement or information and fabricated / invalid documents.

2.6.6 Physical hard copy: Only e-tender shall be accepted & considered. In no case physical hard copy of tender shall be accepted except EMD as per clause 2.1 and any leaflet / catalogue /Literature/ specification sheet /photograph/Drawings/Sketches etc. as per clause-2.3.5.

N.B:- Competent Authority, IGDTUW, reserves the right to accept or reject any tender without assigning any reason or to cancel the tendering process and reject all tenders at any time prior to award of contract without incurring any liability, whatsoever to the affected tenderer or tenderers and can take appropriate action as per Govt. rules.

SECTION-3 INSTRUCTIONS TO TENDERERS (IT)

3.1 Introduction & Eligibility: Definitions and abbreviations which have been used in these documents shall have the meanings as indicated in the Section-4 (Condition of contract). This Tender Document comprises of contents as mentioned in the 'table of contents' & is as per guidelines of Finance Deptt, Govt. of NCT of Delhi. This section provides the relevant information, terms & conditions, procedure for tendering, opening of bid, evaluation, award of contract etc. However, the tenderers should also study and examine all the terms & conditions in rest of this tender document including eligibility criteria, CC, Undertakings & Annexures etc. before submitting the tenders. The tender submitted by the tenderer, all subsequent correspondence exchanged between the tenderer and the University and documents related to the tender, shall be written in English language only. The tenderers are instructed to ensure that they conform to the eligibility criteria as prescribed in section-2 before submitting the offer/tender.

3.2 The validity of bid should be **180 days** from the due date of tender.

3.2.1 The goods , including the works contract , shall be supplied by bidder or its authorized distributors in Delhi and against a sale invoice issued from Delhi. The delivery of goods shall also be made from Delhi. The bidder dealer or its authorized distributor, as the case may be , who supplies the goods should be registered with the Delhi VAT Department and carry a valid Tax Identification Number issued by it. The bidder shall however, be responsible for compliance with all conditions, warranties /guarantees, irrespective of the facts that the goods are supplied by him directly or through its authorized distributor. Further, the quoted bid prize in the tender shall be inclusive of all taxes and duties.

3.3.1.1 The estimated cost of the goods/work/service is **Rs. 85,35,287 /- (Rs Eighty Five Lakhs Thirty Five Thousand Two Hundred Eighty Seven only.)**+ taxes as applicable

3.4 Quoting of rate: The tenderers are instructed to refer section-4 (conditions of contract) including price bearing elements before quoting rates/price. The tenderer should quote fixed prices/rates and should be at par with the special educational prices quoted by it to Central/State Univeristy/institution, any other department of Govt. of India/Govt. of NCT of Delhi/

3.5 Clarification before bidding: Prospective tenderers can obtain Clarification to clear any doubt before bidding from Technical Committee / Authorized Committee in the office of Administrative Officer , IGDTUW, Kashmere Gate Delhi-10006 .

3.6 Amendments to the Tender documents: Registrar, IGDTUW / Authorized Officer of IGDTUW, at any time prior to the deadline for submission of tenders may, for any reason deemed to be fit, modify the tender documents by issuing amendments. Such an amendment will be notified in writing.

3.7 Preparation of Tenders

3.7.1 Availability of Tender Documents: Tender documents are available on the web site <https://govtprocurement.delhi.gov.in>. Prospective tenderers can access the same and they can download the tender documents, free of cost.

3.7.2 Technical Bid (TB): Tenderers should submit / upload technical bid containing original & essential requisite documents as per guidelines mentioned in Section-2, of this

tender. **It should not contain any price.** Tenderers should quote one model per tender. To submit tenders for more than one model, separate tenders with separate EMD's will have to be submitted / uploaded.

3.7.3 Financial Bid (FB):

3.7.3 Financial Bid (FB): 3.8.3.1 The bidder shall quote unit rate in INR, both in word and figures in the Financial Bid only. No alterations in the form of tender, in the schedule of quantities or additions etc. shall be permitted. In case of difference between the rates of items written in figures and in words, the rates of items written in words shall be taken as correct. No changes in unit rates shall be allowed. The rates quoted in schedule quantity are for finished and completed items and no extra amount for carting or transporting material, labour etc. shall be paid unless specifically so mentioned or provided for in tender. The rates should be inclusive of all leads and lifts for all materials in the completed items and also include all taxes, duties, royalties etc. including Work Contract Tax, labour cess, ESI, EPF etc. as applicable. No extra payment on this account will be made.

3.7.3.2 Income Tax/DVAT /TDS shall be deducted at source at the rate that will be in force from time to time.

3.7.3.3 The bidder shall quote unit rate in INR, both in word and figures in the Financial Bid only.

3.7.4 Earnest money Deposit (EMD): Tenderers should submit EMD in INR only as prescribed in Annexure 6. No interest shall be payable by the University on the EMD. EMD will be returned to the successful tenderers after receipt of Performance security. Bid securities of the unsuccessful bidders shall be returned to them at the earliest after expiry of the final bid validity.

3.7.5 Undertaking for acceptance of terms & conditions: Tenderers should submit an Undertaking certifying that they accept all terms & conditions mentioned in this tender document in the format at Annexure-1 as per instruction given in section-2.

3.7.6 Authorization to sign and submit the tenders: The individual signing the tender or any other documents connected therewith should clearly indicate his full name and designation and also specify whether he/she is authorized signatory as per undertaking in Annexure-1.

3.8 Submission of Tenders

3.8.1 Registration: The prospective tenderer should be registered with Govt. of Delhi's e-Procurement Portal and should have Digital Signatures & proper training etc., to enable him to submit bids on-line through e-Tendering. For any assistance/training regarding registration & e-tendering, the intending tenderer may contact officials as referred in the website mentioned in clause-3.8.1.

3.8.2 Document file: Once the tenderer agrees to the terms & conditions of the tender, submission process can be started. The total size of all documents in all the covers put together should be less than 10 MB. The bidders are advised to scan the documents in low resolution (75 to 100 DPI) to reduce the size of the cover to facilitate uploading of all the required pages. If the documents could not be opened due to virus, during tender opening, or if incomplete page/document is opened in incomplete form, then the bid is liable to be rejected. Proper training shall help in proper submission.

3.9 Alteration and Withdrawal of tender: The e-tender system allows the tenderer to alter/modify/withdraw the tender only within the deadline for submission of tenders.

Alterations/modifications to tenders after the prescribed deadline will not be permitted by the system.

3.10 Opening of Bids: The tenders will be opened in the office of Administrative Officer, Indira Gandhi Delhi Technical University for Women, Kashmere Gate Delhi-110006 by a tender opening committee of IGDTUW (DSC holders for e-tenders & purchase committee for tenders other than e-tenders) on date & time as specified under Section-1. The downloadable documents, original documents & submitted documents shall be compiled & attested by the bid openers and presented for evaluation to the competent Purchase Committee/authority.

In case the specified date of tender opening falls on a holiday or declared closed or any unforeseen technical problem in the computer system/server/networking occurs, then tenders will be opened on the appointed time and place on the next working day.

Authorized representatives of the tenderers, who have submitted tenders in time, may attend the online tender opening process, on production of letter of authority from the concerned tenderers or they can view the process on-line & the result will be informed online. During the tender opening, the tender opening committee may inform tenderers regarding number of uploaded tenders, name of the companies and any other special features, as deemed fit.

3.11 Scrutiny and evaluation of Tenders: The technical bids shall be scrutinized and evaluated by the competent Purchase Committee/authority with reference to the parameters prescribed in the tender document including section-2. No new condition will be brought in while scrutinizing and evaluating the tenders.

3.12 Clarification of Bids: During evaluation and comparison of bids, the University may, at its discretion, ask the bidder for clarification on the scanned documents uploaded by them. The bidder should submit written clarification/documents within the stipulated time. The University may accept such clarification and receive documents related to the clarification sought. No change in prices or substance of the bid shall be sought, offered or permitted. No post-bid clarification at the initiative of the contractor shall be entertained.

3.13 Cartel formation/Pool Rates: Cartel formation or quotation of pool/co-ordinated rates leading to “Appreciable Adverse effect on Competition” (AAEC) as identified in Competition Act, 2002, as amended by Competition(Amendment) Act, 2007, would be considered as a serious misdemeanour and would be dealt accordingly as per the Section-4.

3.14 Negotiations: Normally, there would be no negotiation including price negotiation after financial bid opening. But the Competent Authority, IGDTUW, reserves its right to negotiate with the lowest acceptable contractor (L1) under special circumstances in accordance with CVC guidelines before award of contract/order.

3.15 Award of Contract

3.15.1 Contract Award criteria: An order/contract will be awarded to the lowest evaluated responsive Tenderer (L-1 tenderer) on the terms and conditions laid down in this tender/negotiated as per rule before notification of award of contract/order.

Competent Authority, reserves the option of giving purchase/price preference to the offer from Central / State Government Public sector undertakings in accordance with the policy of Govt. of India.

3.15.2 Notification of award / Acceptance of offer: Before expiry of the validity of tenders, Indira Gandhi Delhi Technical University for Women, Kashmere Gate Delhi 110006 will

notify the successful tenderer in writing that its tender for supply of goods/work/service has been accepted.

The successful tenderer should respond satisfactorily as prescribed in the notification within 15 days from the date of issue of the letter of notification of award by the University sent by speed post to the address mentioned in its bids.

The communication of notification of award sent by University to the successful tenderer shall be treated to be complete as against the tenderer where it is put in the transmission to him/her so as to be out of the power of the Institute. The responsibility entirely lies on the tenderer to collect the letter of notification of award released by the University & respond to it. Until a formal contract is executed, this tender with written acceptance from purchaser thereof shall constitute a binding contract between the parties.

The successful bidder shall have to work in co-ordination and co-operation with any other agencies appointed by the University to work simultaneously in the same or adjoining area. The decision of the University in case of any dispute between the different agencies appointed by the University shall be final and a binding.

3.15.3 Conclusion of contract: The successful tenderer must furnish the required performance security within **15 days** from the date of issue of notification of award as per Section-4 to conclude the contract and shall execute the agreement on stamp paper of Rs 100/- within a period of 15 days.

3.15.4 Safety and Security

Safety and Security of workers/staff, material, equipments, etc. will be the responsibility of the contractor. The university will not be held responsible on this account.

The University reserves the right, without being liable for any damages or obligation to inform the bidder, to:

(a) Amend the scope and value of contract to the bidder.

(b) Reject any or all the applications without assigning any reason.

Any effort on the part of the bidder or his agent to exercise influence or to pressurize the University would result in rejection of his bid. Canvassing to any kind is prohibited.

SECTION-4 CONDITIONS OF CONTRACT (CC)

4.1 Definitions, Interpretations and Abbreviations: Terms and expressions not herein defined shall have the meanings assigned to them in the Indian Contracts Act, 1872 (as amended)/the Indian Sale of Goods Act, 1930 (as amended)/the General Clauses Act, 1897 (as amended)/GFR-2005/ guidelines by Finance Deptt. Govt. of NCT of Delhi as the case may be. University/IGDTUW means Indira Gandhi Delhi technical University for Women, Kashmere Gate Delhi. Supplier/contractor means successful tenderer as mentioned in notification of award.

4.2 Definition of Contract & other terms: (a) "Contract" means the invitation to tender, instructions to tenderers, tender, acceptance of tender, particulars & the conditions specified in the acceptance of tender. No variation in the terms of a "concluded contract" can be made without the free consent of the parties. (b) "Acceptance of Tender" means the letter of notification of award by purchaser communicating to the contractor the acceptance of his tender.

4.3 Authority: Registrar & Competent Authority is referred to those of IGDTUW. The Purchaser, Indenter, Consignee, End user, Inspection authority & Paying authority shall be the respective Officers / Committees duly authorized by the Competent Authority of IGDTUW.

4.4 Performance Security (in Indian Rupees only): The successful bidder have to submit a Performance Security Deposit @ 10% of the quoted value (validity: warranty period + two months) in the form of Bank Guarantee /FDR drawn in favour of **"Registrar, IGDTUW GIA SB A/C"** Delhi within 15(Fifteen) days of the communication accepting the bid. EMD of successful bidder shall be refunded after submission Performance Security Deposit. The Performance Security Deposit shall be refunded without interest after completion of the guarantee period +two months.

4.5 Price bearing elements

4.5.1 Scope of supply of goods/work/service: The goods/work / service along with quantity to be supplied by the contractor under this contract shall conform to the technical specifications and quality control parameters mentioned in Section-5 "Schedule of Requirement & specification" of this tender document.

4.5.2 The quoted rates shall be in Indian Rupees only on the basis of free delivery at stores of IGDTUW, Kashmere Gate, Delhi, which are inclusive of appropriate packing, marking, forwarding, transit insurance, transportation, loading, unloading, installation & commissioning charges, training, after sale service, Repair/ replacement of defective parts during warranty period etc. Amount of any local taxes / VAT etc. should be indicated separately in the tender. All applicable Govt. deductions like ESI, TDS etc. shall be applied at prevailing rates, if applied.

4.5.3 Imported goods: If the goods are to be imported, the contractor will import the same by paying all incidental charges & duties (customs duty etc.) and supply the goods to the indenter. However, applicable local taxes will be paid by the indenter, if quoted.

4.5.4 Firm Prices: Prices quoted by the contractor shall remain firm and fixed during the currency of the contract.

4.5.4.1 IGDTUW may issue Customs/Excise Duty Exemption Certificate. Hence, Customs/Excise Duty exempted price should be quoted. The rates shall be firm and final. Nothing extra shall be paid on any account. In the price bid/financial bid, the vendor should clearly mention the final price. FOR Price at IGDTUW, Kashmere Gate, Delhi-110006 as applicable in the bid.

4.5.5 Fall Clause: If at any time during the execution of the contract, the price of the ordered goods/Work/service, are reduced, in respect of supplies to any Govt. organization (including the purchaser of any department of the Govt. of N.C.T. of Delhi) at a price lower than the price quoted under this contract, the contractor shall immediately inform and forthwith pass such reduction to the purchaser. The price of such item, payable under this tender for the goods/Work/service supplied after the date of coming into force of such reduction, shall stand correspondingly reduced.

4.5.6 Tolerance clause: Competent Authority of IGDTUW reserves the right to increase or decrease the items / procurement / quantity within plus/minus 15% of tendered items without any change in terms & conditions & quoted price at any time before conclusion of contract without assigning any reason.

4.5.7 Other factors like term of & period of delivery, warranty / guarantee clause & free incidental services etc. that also have bearing on prices are prescribed in the following clauses.

4.6 Delivery of goods /work/service

4.6.1 Terms of delivery: The quoted rates shall be in Indian Rupees only on the basis of free delivery at sites of IGDTUW, Kashmere Gate, Delhi.

4.6.2 Delivery, period & schedules: The delivery of complete goods/work/service in all respects as per order/contract should be made to the concerned store of this University on basis of free delivery at site within **45 days** from the date of issue of supply order/work order /award of contract whichever is the earliest. The contractor shall not arrange part-shipments and trans-shipments without permission of IGDTUW. The Insurance cover including insuring the goods against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery/commissioning shall be obtained by the contractor in his own name and not in the name of the Consignee. The Consignee will as soon as possible but not later than 30 days from the date of arrival of goods at destination notify the contractor of any loss or damage to the goods that may have occurred during transit. The date of delivery of goods/work/service stipulated in the order/contract shall be deemed to be the essence of the contract and delivery must be completed before the date of delivery as specified in the supply order/ work order/award of contract.

4.6.3 Actual date of delivery: The date of satisfactory completion of work duly accompanied by certified good receipt note & certificate of completion will only be considered as the actual date of supply/date of delivery of goods/work/service. Part supplies except the samples are not acceptable. **The delivery will not be deemed to be completed until and unless goods/work/service are inspected, installed & accepted by the Consignee /end user /Inspecting Authority of IGDTUW with Product information brochure and or Users/operating manual (two copies) supplied with goods/work/service, training etc. wherever applicable.**

4.6.4 Bidders need to provide adequate training to the nominated persons of IGDTUW at their cost. University will not bear any training expenditure.

The Competent Authority, IGDTUW reserves the right to reject supplied goods/work/service which do not conform to the tendered specification or received after date of delivery to safeguard Government interests and in the interest of University.

4.7 Assignment / Sub-contracts: The contractor shall not assign either in part or whole its contractual duties/responsibilities and obligations to perform the contract to any third person and in all cases, the responsibility of fulfilling the contractual obligations will remain with the contractor only.

4.8 Incidental services: The supplier will provide required jigs & tools, operation manuals, installation, Commissioning, training & after sales service & Warranty/guarantee etc.

4.9 Warranty/guarantee: The contractor shall certify that the goods/ work /service supplied to the Purchaser under this Contract are best quality and workmanship authentic products and are strictly in accordance with the specifications and particulars mentioned under Section-5 “Schedule of Requirement & specification”.

Comprehensive Warranty/guarantee is as stated in detailed specification from the date of successful commissioning of the complete work & shall cover each and every part of the item including upgrades, training etc. The University is not liable to pay any charges on any account during the warranty period. The contractor shall pay to the Purchaser such compensations that may arise by reasons of the warranty therein contained but not attended by the contractor.

4.9.1 The maximum response time for maintenance complaint during warranty period (i.e. time required for bidder’s maintenance engineer to report at the installation after a request call/e-mail or letter is written) shall not exceed 01 day.

4.9.2 The period for correction of defects in warranty period is 03 days.

4.9.3 In case an item is not usable beyond the stipulated maximum downtime the contractor will be required to arrange for an immediate replacement.

4.9.4. In case the rectification of defects is not carried out within 03 days and replacement of defective items are not provided, a penalty of sum equivalent to 5% per week of the delivered price of that defective item(s) shall be levied. This penalty is applicable up to a maximum of 4 weeks (maximum 20%). Subsequently, the rectification shall be carried out by the University at the risk and cost of the contractor. The cost of repairs along with the penalty of 100% shall be recovered from the payment with held with University and the balance amount if any, will be paid to the contractor after completion of warranty obligations.

4.10 Payment terms:

Payment for Goods and Services shall be made by University in Indian Rupees as follows:

4.10.1 100% Payment shall be made after receipt of complete goods/work/service, subject to due inspection as per approved sample, installation, successful commissioning and take over by the consignee/end user. The contractor has the entire responsibility of collecting/receiving satisfactory completion report from the end user and submitting it along with bills in triplicate at the paying authority. The payments shall be made in the currency authorized in the contract. No advance payment will be made under any circumstances.

4.11 Amendment / modification of contract: If necessary, the purchaser may notify the contractor regarding modification / amendment of terms & conditions of the contract, by a written order not amounting to either increase or decrease in the accepted prices.

4.12 Default/Delay/penalties

4.12.1 Default after opening of tenders: EMD of tenderer will be forfeited in case the tenderer withdraws/ modifies / alters / amends its tender or impairs or derogates from the tender in any respect after the due date of tender & within the period of validity of tenders.

4.12.2 Default after notification of award of contract: EMD of successful tenderer will be forfeited in case (i) The successful tenderer does not furnish Performance security within prescribed time as per tender terms & notification of award of contract **or** (ii) the successful tenderer responds to the notification of award without performance security but with a fresh condition/terms other than the ones in the tender/negotiated as per rule before such

notification or (iii) Submission of misleading / contradictory / false statement or information and fabricated / invalid documents is detected after notification of award of contract/order. (In case of registered contractor with DGS&D / NSIC having exemption from EMD, the Institute may impose a penalty including cancellation of registration and/or blacklisting the contractor as per rule, depending upon urgency of requirement as per final decision by the Competent authority, IGDTUW)

4.12.3 Default after furnishing of Performance security: In the event of any loss to the purchaser, due to contractor's failure to fulfil the contractual obligations etc., the performance security will compensate the loss i.e. the Competent Authority, IGDTUW will deduct the amount from performance security and release the balance amount as stipulated.

Submission of misleading/false document: The Performance Security of the contractor will be forfeited with termination of contract if submission of misleading / contradictory / false statement or information and fabricated / invalid documents is detected after award of contract/order.

For Non-supply of goods/work/service: The Performance Security of the contractor will be forfeited with termination of contract If neither supply has been made nor prior extension of date for supply has been obtained. The University may procure the goods/work/service on Risk purchase basis at the cost of contractor. The Institute may also impose a penalty and/or blacklist the Contractor, depending upon urgency of requirement as well as the loss of revenue due to non-availability of such store. The time period for making risk purchase shall be 3 months.

For delayed supply of goods/work/service: The delayed supply of goods/work/ service, for which prior approval for extension of date for supply has not been obtained, will be accepted only with penalty. The Competent Authority reserves the right to levy liquidated damages equivalent to 0.5 % of the price of the delayed goods/work/service per week which will be charged / deducted according to the delay in supply of the goods/work/service beyond expiry of the supply period subject to a maximum of 10% of the total value of the order.

Due date extension request: In case, the supply of goods/work/service cannot be delivered within the due date of delivery, the contractor shall have to obtain a prior permission for extension from the Competent Authority , IGDTUW. However, the extension of date of delivery is admissible only with penalty as per rule. In special circumstances, extension may be granted by the Competent Authority , IGDTUW without penalty.

4.12.4 Termination for Insolvency: If the contractor becomes bankrupt or otherwise insolvent, the Institute, reserves the right to terminate the contract at any time, by serving written notice to the contractor without any compensation, whatsoever, to the contractor, subject to further condition that such termination will not prejudice or affect the rights and remedies which have been accrued and / or will accrue thereafter to the University.

4.12.5 Force Majeure: In the event of any unforeseen circumstances directly interfering with the supply of goods/work/service arising during the currency of the contract, such as war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts, or acts of God, the Contractor shall, within a week from the commencement thereof, notify the same in writing to the Purchaser with reasonable evidence thereof. Either party shall have the option to terminate the contract on expiry of 90 days of commencement of such force majeure by giving 14 days' notice to the other party in writing. In case of such termination, no damages shall be claimed by either party against the other, except those which had occurred under any other clause of this contract prior to such termination.

4.13 Code of ethics: The Institute, as well as the Bidder / Contractors / Manufacturers / Authorised Supplier under the contract shall observe the highest standard of ethics including laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988", during the procurement or execution of such contracts. If the

tenderers /contractors are found in Bid pooling or against law against fraud and corruption then their firms may be black listed.

4.14 Resolution of disputes/arbitration/jurisdiction: In case of any difference/dispute between the University and the contractor arising relating to the contract, the parties shall make every effort to resolve the same amicably by mutual consultations. If the Parties fail to resolve within 21 days of its occurrence, then either party may seek to refer the dispute for sole arbitration by any person to be nominated by the Competent Authority, Indira Gandhi Delhi Technical University for Women , Kashmere Gate , Delhi. The award of the arbitrator so appointed shall be final and binding on both the parties. However, during the arbitration proceedings the parties shall not delay or postpone the performance of their respective obligations pursuant to the contract. The courts of place from where the notification of award is issued shall alone have the jurisdiction to decide any dispute, court jurisdiction shall be Delhi.

SECTION-5
SCHEDULE OF REQUIREMENT & SPECIFICATION
LIST OF REQUIREMENTS:

5.1 Scope of supply of goods/work/service:

5.1.1 Supply & Installation of various software for Indira Gandhi Delhi Technical University for Women, Kashmere Gate, Delhi- 110006, as per requirement given in Annexure 6.

5.2 Technical compliance: The tenderer should submit a technical compliance statement clearly indicating the deviations (if any) in the prescribed format given under Annexure-4.

5.3 Quality parameters: With reference to the specifications as per Annexure-6, the bidder shall also state, where applicable, the National or other International Standard(s) to which the whole or any specific part of the solution or system complies. The Inspection authority/Technical committee of the University shall be the final authority to issue the certificate of compliance of the technical requirement.

Annexure-1
Undertaking (Commercial capability)
 (To be submitted in Technical bid)

Tender Enquiry No..... Due date.....

Sir,

I/we undertake, certify & declare the following-

1. We have carefully read and understood all terms and conditions/instructions elaborated in all the sections including IT, CC & annexure of this Tender document and we shall abide by them. Also our organization is not blacklisted by any Govt. Department/ Autonomous body/PSU etc.

2. We are the(original equipment manufacturer (OEM)/ authorized dealer/ sole distributor) (tick appropriate option) of the software/goods/work/service required as per this tender document & our Annual average financial turnover during the last three Assessment Years (2012-13, 2013-14, 2014-2015) in the books of accounts is Rs.....

3. As per clause-2.2.3 following are the details of three similar natures of works with cost which we have executed successfully.

S. No.	Name of Customer/ Address/ phone	Cost (in Rs.)	Brief description of software supplied of similar nature
1			
2			
3			

4. Our valid

i) TIN No. is.....valid upto.....

ii) PAN No. is.....valid upto.....

iii) Service Tax No. is.....valid upto.....

Latest ITR return is filed in the name of.....

5. Latest VAT/Sales tax return/Service tax return is filed in the name of.....

6. The name of Proprietor is Mr./Ms.....

7. We authorize Mr./Ms.....having designation ofto sign this offer/tender.

.....

(Signature with date, name and designation)

For and on behalf of M/s.....

(Name, Address & Telephone No & seal of the Tenderer)

Annexure-2
Undertaking (Technical capability)
 (To Be Submitted in Technical Bid)
Tender Enquiry No..... Due date.....

Sir,

I/we undertake, certify & declare the following-

1. If our tender is accepted, we undertake to supply the software/goods/work/service with required specification and perform the services in accordance to the terms & conditions in this tender document including the delivery schedule.

2. The details of our local service facility nearest to Delhi/New Delhi/NCR is

.....

 (Responsible person, Name, Complete address, telephone no's, e-mail I.D. etc.)

3. The tentative schedule of training (if any) is.....

4. The details of Mode of despatch are.....

5. The details of instructions for special preparation for installation (if any) are.....

6. Our details of Infrastructures are as follows-

S.No.	Parameter	For "Manufacturer"	For "Non-Manufacturers"
1	No. of personnel employed		
2	Manufacturing facilities		
3	Quality control systems		
4	After-sales-service facilities		
5	Any other information		

.....

 (Signature with date, name and designation)
 For and on behalf of M/s.....
 (Name, Address & Telephone No & seal of the Tenderer)

Annexure-3
Valid Authorization Certificate of Dealership from OEM

(To Be Submitted in Technical Bid on the Manufacturer's Letter Head)
Tender Enquiry No..... Due date.....

Yours faithfully

.....
.....

(Signature with date, name and designation)

For and on behalf of M/s.....

(Name, Address & Telephone No & seal of the Tenderer)

Annexure-4
Technical Compliance Statement
 (To Be Submitted in Technical Bid on Letter Head)
Tender Enquiry No._____ **Due date.**_____

Note:

Tenderer should indicate “Yes, meets” OR “No, doesn’t meet” under appropriate columns in the Technical Compliance Statement.

S.No.	Tender Technical Specifications	Specifications of the Work Item offered by the Tenderer	Whether the Offered item Tender Specifications or not	the Work meets Specifications or not	Deviation(s) from Tender Specifications, if any (in unambiguous Terms)
1					
2					
3					
4					
5					
6					

Yours faithfully

.....

(Signature with date, name and designation)

For and on behalf of M/s.....

(Name, Address & Telephone No & seal of the Tenderer)

Annexure-5
Checklist for Technical Bid Evaluation
 (To Be Submitted in Technical Bid)

Tender Enquiry No. _____ **Due date** _____

(Note: Please ensure that the following requirements are complied with)

S. No	Information to be provided	To be filled by the Bidder		For office use
		Fill particulars	Reason for not filling	
1	Original instrument of EMD No. Dated.of Amount Rs is submitted in physical form	Yes/NO		
2	Leaflets/Catalogues/literature/photographs /Drawings/Sketches for products as per clause- 2.3.5 in physical form are submitted			
3	Scanned copy of EMD/exemption certificate is submitted (as per annexure 6)			
4	Scanned copy of Income Tax Return (ITR) for the Assessment Year 2014-15 is submitted			
5	Scanned copy of latest VAT Return is submitted			
6	Scanned copies of audited accounts Showing Annual financial turnover for the last three years (2012-13,2013-14, 2014-15) is submitted			
7	Scanned copies of 'Work Orders with work completion certificates' as per clause-2.2.3 are submitted			
8	Scanned copies of Annexure 1,2, 3, 4 & 5 duly filled and signed are submitted			
9	Average Annual turnover for last 3 years ending March 2014 is Rs.& submitted			
10	Minimum Work experience criteria as per clause- 2.2.3 is met			
11	Whether special educational discount price offered			
12	Whether free installation, Commissioning and Application Training offered			
13	Whether comprehensive onsite warranty/upgrade as specified in Detailed Technical Specification is offered			

Note: Original copies of all requisite documents must be produced for verification of the information provided whenever called for.

Yours faithfully

.....

(Signature with date, name and designation)

For and on behalf of M/s.....

(Name, Address & Telephone No & seal of the Tenderer)

Annexure-6

Schedule of requirement & Specification

Note: This Annexure need not be submitted (only for reference)

Name of work: Supply and Installation of Various Software for IGDTUW

The latest version of the following software on educational discount be provided to the University.

Bidders need to provide adequate training to the nominated persons of IGDTUW at their cost.

University will not bear any training expenditure

S.N	SPECIFICATION (please refer detailed specification) (Latest version of all software to be provided)	Q T Y.	EMD Amount (in Rs.)	RATE per unit (Rs)	VAT	Total Cost per unit	AMOUNT (Rs)
1	Campus License Agreement DsktpEdu ALNG LicSAPk OLV E 1Y Acdmc Ent (ovses) including : (i). OS Upgrade (ii). Office Pro Plus for Windows (iii). Office Standard for MAC (iv). Core Cal Suite includes (Windwos SrvCAL, Exchange Svr Std,CAL- SharePoint Server, Std CAL System Centre Configuration Mgr CAL, EPS Frfrnt clt A/v, Lync Server Std CAL	100 FTE	7700				
2	SQLSvrStdCore2014 SNGL OLP 2Lic NL Acdmc CoreLic Qlfd	4	5000				
3	Microsoft Windows Server Enterprise Edition (Standard Data Center) 2012 WinSvrStd 2012R2 SNGL OLP NL Acdmc 2Proc	4	1500				
4	Microsoft Visual Studio License VSProwMSDN ALNG LicSAPk OLP NL Acdmc Qlfd	7 0	16000				
5	IBM Rational Suite Enterprise Edition	3 0	8000				
6	Oxygen Forensic Suite (Dongle Based)	1	6000				
7	EnCase Forensics Tool (Single Quantity with 10 academic user license)	1	14000				
8	Web Acunetix	1	13000				
9	Qualnet 7.3 or latest (20 teaching license) including following libraries: - (i) Developer Library (ii) Wireless Library (iii) Multi Media and Enterprise (iv) Advanced Wireless Library (v) Sensor Network Model Library (vi) Urban Propagation Model Library (vii) UMTS Library (viii) Cellular Model Library	1	35000				
10	Redhat Enterprise Linux 7.1 Standard or latest (2 soc/ 1 phy or 2vm) (3yr upd/sup) with one Redhat media kit	2	6500				
11	Cadence University Bundle PG (Analog & Digital FE & BE) (20 User Licences	1	40000				

S.N	SPECIFICATION (please refer detailed specification) (Latest version of all software to be provided)	Q T Y.	EMD Amount (in Rs.)	RATE per unit (Rs)	VAT	Total Cost per unit	AMOUNT (Rs)
12	Mentor Graphics EDA Tool 50 user licence including (i). HEP-1(IC Nanometer Design) & (ii). HEP-2(Design Verification And Testing)	1	20000				
13	Synopsys' Tool Process and Device Simulator TCAD (latest Version) 5 Users containing the following bundles (i) AsiaPac Advanced TCAD Univ. Bundle (ii) AsiaPac 2D TCAD Univ. Bundle (iii) Asia Pac FullCustom University Bundle	1	34000				
14	Turnitin Plagiarism Checker (Minimum Base package 100 users)	1	9000				

Detailed Specification for the Software

Ref:-Detailed specification for Item No. 1 - Microsoft Campus License Agreement (latest version)

License Type: - Academic Volume **No. of Users:** - 100 FTE **License Duration:** - 1 Year
Warranty/Guarantee with all upgrades and onsite technical support: - 1 Year

Part No.	Item Description
2UJ-00011	<p>Microsoft Campus License Agreement DsktpEdu ALNG LicSAPk OLV E 1Y Acdmc Ent (ovses) including :</p> <ul style="list-style-type: none"> (i). OS Upgrade (ii). Office Pro Plus for Windows (iii). Office Standard for MAC (iv). Core Cal Suite includes (Windwos SrvCAL, Exchange Svr Std,CAL- SharePoint Server, Std CAL System Centre Configuration Mgr CAL, EPS Frfrnt clt A/v, Lync Server Std CAL

Ref:- Detailed specification for Item No. 2 - Microsoft SQL Server Standard (latest version)

License Type: - Open License for Academic **No. of Licenses:** - 4 **License Duration:** - Perpetual
Warranty/Guarantee with all upgrades and onsite technical support: - 1 Year

Part No.	Item Description
7NQ-00547	<p>Microsoft SQL Server Standard License SQLSvrStdCore2014 SINGL OLP 2Lic NL Acdmc CoreLic Qlfd</p>

Ref:- Detailed specification for Item No. 3 - Microsoft Windows Server Enterprise Edition (latest version)

License Type: - Open License for Academic **No. of Licenses:** - 4 **License Duration:** - Perpetual
Warranty/Guarantee with all upgrades and onsite technical support: - 1 Year

Part No.	Item Description
P73-06272	<p>Microsoft Windows Server Enterprise Edition (Standard Data Center) 2012 WinSvrStd 2012R2 SINGL OLP NL Acdmc 2Proc</p>

Ref:- Detailed specification for Item No. 4 - Microsoft Visual Studio License (latest version)

License Type: - Open License for Academic **No. of Licenses:** - 70 **License Duration:** - Perpetual
Warranty/Guarantee with all upgrades and onsite technical support: - 1 Year

Part No.	Item Description
77D-00085	<p>Microsoft Visual Studio License VSProwMSDN ALNG LicSAPk OLP NL Acdmc Qlfd</p>

Ref:- Detailed specification for Item No. 5 - Rational Suite Enterprise Edition (latest version)

License Type: - Academic **No. of Licenses:** - 30 **License Duration:** - Perpetual

Warranty/Guarantee with all upgrades and onsite technical support: - 1 Year

IBM Rational Suite Enterprise Edition (latest) including

- (i). Rational Unified Process (RUP)
- (ii). Requisite Pro
- (iii). Rational Clear Case LT
- (iv). Rational Clear Quest
- (v). Rational Rose
- (vi). Rational Purify
- (vii). Rational Pure Coverage
- (viii). Rational Quantify
- (ix). Rational Test Manager
- (x). Rational Robot
- (xi). Rational Project Console & SoDA

Ref:- Detailed specification for Item No. 6 - Oxygen Forensic Suite (Dongle Based) (latest version)

License Type: - Academic **QTY:** - 01 **License Duration:** - 03 years

Warranty/Guarantee with all upgrades and onsite technical support: - 3 Year

<p>1) OXYGEN FORENSIC Suite Analyst version (Dongle Based)</p>	<ol style="list-style-type: none"> 1) Support for 8400+ mobile devices. 2) Strong support for Android, Apple iOS, Blackberry, Symbian & Windows OS. 3) Chinese phone support. 4) Cable / Bluetooth Connection. 5) Data reports in most popular formats (PDF, RTF, XML etc). 6) General data extraction (contacts, messages, calls, calendar, tasks, notes, file system). 7) Geo data (from EXTF / XMP PHOTO headers, applications, wi – fi connections). 8) Web Connection and Location Service. 9) User Dictionaries. 10) Deleted Data (Messages, Cells, Notes, Calendar, Contacts, Applications) 11) Passwords (Keychain.db file and applications.) 12) List of installed applications and their files. 13) Social Networks (Instagram, Facebook, Twitter, Four-square, LinkedIn, etc.) 14) Messengers (Skype, WhatsApp, Viber, Line, Facebook, etc.) 15) Web Browsers (Chrome, opera, Safari, etc). 16) Multimedia (Youtube, hide it pro). 17) Fitness (Endomondo, Runkeeper, Runastic, etc.) 18) Travel (Booking.com, skyscanner, etc) 19) Timeline for several devices. 20) Aggregated Contacts. 21) Key Evidence. 22) Links & Stats (table and diagram view). 23) Social Graph. 24) Advanced search in multiple devices running in background. 25) Android physical analysis with automatic rooting. 26) Data Extraction. 27) Apple iOS and android images passing (DMG, Tarball, etc). 28) iTunes, Android, Blackberry 10 backups parsing (including password protected backup). 29) Advanced Plist and SQLite Viewers. 30) Nokia PM Viewer. 31) Regular Software update for newly launched handsets. 32) Report generation authenticated with MD5 and SHA256, etc hashing system.
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Ref:- Detailed specification for Item No. 7 - EnCase Forensics Tool (latest version)

License Type: - Academic **Qty:** - 01 **No. of Licenses:** - 10 **License Duration:** - 3 years
Warranty/Guarantee with all upgrades and onsite technical support: - 3 Year

Data Recovery and Computer Forensic Software (Encase Forensic latest version)

Specifications:

- 1) Should support Gallery view option to quickly reveal all photographs and graphics files stored on hard drives and other media.
- 2) Should support Timeline view option to provide an easily adjustable, graphical calendar like display for file activity of particular interest.
- 3) Should contain Full Unicode support to allow users to search text and fonts from any foreign country, and in any language.
- 4) Should support acquisition Restart facility: continue a windows-based acquisition from its point of interruption.
- 5) Should be able to recovers data from unallocated clusters, lost clusters, file/partition/disk/MBR slack, swap files
- 6) Should have Inbuilt LinEn utility to acquire evidence via boot disk
- 7) Should have Inbuilt WinEn utility to acquire RAM evidence
- 8) Should do Image verification by cyclical redundancy checksum (CRC) and MD5
- 9) Should have Inbuilt support for writing scripts & should contain pre-built scripts
- 10) Should Support more than 150 Filters and Conditions
- 11) Should Support combining filters to create complex queries using simple "OR" or "AND" logic
- 12) Should have Inbuilt Active Directory Information Extractor
- 13) Should be able to automatically rebuild the structure of formatted NTFS and FAT volumes.
- 14) Should support Recovery of deleted files/folders
- 15) Should have inbuilt windows event log parser
- 16) Should have Inbuilt Link file parser to search in unallocated space
- 17) Should have Inbuilt support for Compound (e.g., zipped) document and file analysis.
- 18) Should support file Signature analysis
- 19) Should have native viewing support for ~400 file formats
- 20) Should have built-in Registry Viewer
- 21) Should Meet the below mentioned criteria for searching:
 - Unicode index search - search extracted text of docs
 - Binary search - search raw binary data
 - Proximity Search
 - Internet and email search
 - Case Sensitive o GREP o Right to Left Reading
 - Active Code Page: keywords in many languages.
 - Big Endian/Little Endian, UTF-8/UTF-7
 - Search files slack and unallocated space
- 22) Should Support Internet and Email Investigation for:
 - Browser History Analysis
 - Internet artifacts
 - WEB History & cache analysis
 - HTML carver
 - HTML page reconstruction
 - Kazaa toolkit
 - Instant Messenger toolkit - Microsoft® Internet Explorer, Mozilla Firefox, Opera and Apple Safari

- 23) Should Include Email Support for:
- Outlook PSTs/OSTs ('97-'03)
 - Outlook Express DBXs
 - Microsoft Exchange EDB Parser
 - Lotus Notes v6.0.3, v6.5.4 and v7
 - AOL 6.0, 7.0, 8.0 and 9.0 PFCs
 - Yahoo
 - Hotmail
 - Netscape Mail
 - MBOX archives
- 24) Should Include System Support for:
- Hardware and software RAIDs.
 - Dynamic disk support for Windows 2000/XP/2003 Server
 - Interpret and analyze VMware, Microsoft Virtual PC, DD and SafeBack v2 image formats
 - File systems: Windows FAT12/16/32, NTFS; Macintosh HFS, HFS+; Sun Solaris UFS, FS; Linux EXT2/3; Reiser; BSD FFS, FreeBSD's Fast File System 2 (FFS2) and FreeBSD's UFS2; Novell's NSS & NWFS; IBM's AIX jfs, JFS and JFS with LVM8; TiVo Series One and Two; CDFS; Joliet; DVD; UDF; ISO 9660; and Palm
- 25) Should support reporting facility with:
- Listing of all files and folders in a case
 - Detailed listing of all URLs and corresponding dates and times of web sites visited
 - Document incident response report
 - Log Records
 - Registry
 - Detailed hard drive information about physical and logical partitions
 - View data about the acquisition, drive geometry, folder structures and bookmarked files and images.
 - Export reports in Text, RTF (opens in Microsoft Office), HTML, XML or PDF formats.
 - Smartphone and Tablet support: Acquire data from devices running the following operating systems:
 - (i) Apple's iOS
 - (ii) Google's Android™ OS
 - (iii) Rim's Blackberry™ OS
 - (iv) HP's Palm™ OS
 - (v) Nokia Symbian
 - (vi) Microsoft's Windows Mobile OS

Ref:- Detailed specification for Item No. 8 - Web Acunetix (latest version)

License Type: - Academic **Qty:** - 1 **License Duration:** - Perpetual

Warranty/Guarantee with all upgrades and onsite technical support: - 3 Year

- a) Acunetix Web Vulnerability Scanner (WVS) (Latest Version)

Consultant Edition: Unlimited Websites

The standard Consultant Edition should be capable to scan any number of websites without any limitation, owned by STPI customers to providethem with penetration testing and vulnerability assessment services.

Should support at Least 2 Concurrent scan from the same machine.

License Type: Perpetual License

- b) Acunetix Web Vulnerability Scanner (WVS)

Maintenance Agreement for Perpetual License (it should include free software version upgrades, as well as email and phone support), for 1 year

License Type : Maintenance Agreement for 1 Year

Ref:- Detailed specification for Item No. 9 - Qualnet (latest version)

License Type: - Academic **Qty:** - 01 **No. of Licenses:** - 20 **License Duration:** - 5 years
Warranty/Guarantee with all upgrades and onsite technical support: - 5 Year

Name of the Component to be procured: QualNet Version 7.3 or Latest with the following libraries: - .

Sl. No	Libraries in QualNet	Specifications / Features
Base Libraries		
1	Developer Library	<ol style="list-style-type: none"> 1. MAC layer models → 802.3 , Abstract Link MAC, Abstract Satellite Model, ARP, LLC 2. Network Layer Models → ICMP, ICMPv6, IGMP, DualIP, IPv4, IPv6, Neighbor Discovery Protocol 3. Unicast Routing Protocol Models → Bellman- Ford, RIPng, RIPv2, Static and Default Routes 4. Multicast Routing Protocols → Static and Default routes 5. Transport Layer Models → Abstract TCP, TCP, UDP 6. Application Layer Models → CBR, FTP, FTP/Generic, HTTP, MCBR, TELNET, Traffic-Gen, Traffic-Trace, VBR 7. Multi Layer Models → ATM
2	Wireless Library	<ol style="list-style-type: none"> 1. Propagation Models <ol style="list-style-type: none"> 1. Shadowing Model <ol style="list-style-type: none"> 1. Constant 2. Lognormal 2. Fading Models <ol style="list-style-type: none"> 1. Fast Rayleigh 2. Rayleigh 3. Ricean 3. Path-loss Models <ol style="list-style-type: none"> 1. Free Space 2. ITM 3. Two-Ray 4. Path-loss Matrix Model 2. Microwave Links 3. Antenna Models → Omni directional, Patterned, Steerable and switched beam 4. Physical Layer Models → IEEE 802.11 a/g, IEEE 802.11b, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11p, Abstract PHY, BER and SNR Reception Model, Radio Energy and Battery Models 5. MAC Layer Models → IEEE 802.11, 802.11e, 802.11s, 802.11n, 802.11ac, 802.11p, Aloha MAC, CSMA, Generic MAC, MACA, TDMA 6. Network Layer Models → Mobile IPv4 7. Unicast Routing Protocols → AODV, BRP, DYMO, DSR, Fish-eye, IARP, IERP, LANMAR, LAR, OLSR-INRIA, OLSRv2, STAR, ZRP 8. Multicast Routing Protocol → ODMRP 9. Mobility Models → Random Waypoint, File – based, Pedestrian 10. Terrain Models → Cartesian terrain, DEM terrain format, DTED terrain format, ESRI Shape-file terrain format, Urban terrain data format 11. Weather Pattern Model

3	Multi Media and Enterprise	<ol style="list-style-type: none"> 1. Mac Layer Model →Detailed Switch Model, Switched Ethernet, Virtual LAN (VLAN) 2. Uni-Cast Routing Protocol Models →Border Gateway Protocol version 4 (BGPv4), Enhanced Interior Gateway Routing Protocol (EIGRP), Interior Gateway Routing Protocol (IGRP), Open Shortest Path First version 2 (OSPFv2) Routing Protocol, Open Shortest Path First version 3 (OSPFv3) Routing Protocol 3. Multicast Routing Protocol Models →Distance Vector Multicast Routing Protocol (DVMRP), Multicast Extensions to OSPF (MOSPF), Protocol Independent Multicast (PIM) Protocol: Dense and Sparse Modes 4. Router Configuration Models →Hot Standby Router Protocol (HSRP), Policy-Based Routing (PBR), Route Maps, Route Redistribution, Router Access Lists, Router Model 5. QoS (Quality of Service) Models →Differentiated Services (DiffServ), Multi-Protocol Label Switching (MPLS), Quality of Service Extensions to OSPF (QOSPF) 6. Multimedia Applications → H323 and H225 Protocols, Real-time Transport Protocol (RTP), Session Initiation Protocol (SIP), Voice over Internet Protocol (VoIP)
Add-on Libraries		
1.	Advanced Wireless Library	<p>Models</p> <ol style="list-style-type: none"> 1. MAC Layer Model->802.16 MAC and 802.16e MAC 2. PHY Layer Model->802.16 PHY <p>MAC Layer Features-</p> <ol style="list-style-type: none"> 1. Point to Multi-Point (PMP) mode 2. Time Division Duplex (TDD) mode 3. Network entry and initialization 4. Dynamic flow management including service flow addition, deletion and change 5. Bandwidth management 6. Scheduling service at the base station 7. MAC frame construction 8. Adaptive Modulation and Coding (AMC) 9. Convergence Sub layer 10. IEEE 802.16e Mobility Support 11. Interface other networks such as ATM, 802.3, 802.11 at network layer. 12. Support 802.16 OFDMA PHY. 13. Simple admission control. 14. ARQ. <p>PHY Layer Features-</p> <ol style="list-style-type: none"> 1. OFDMA physical model. 2. Variety channel bandwidth support. 3. Multiple FFT size support. 4. Multiple cyclic prefix time support. 5. Multiple data rates support. 6. BER-based reception quality estimation. 7. Sub channel SINR representation. 8. Data rate and transmission range estimation.

2.	Sensor Network	Models
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	Model Library	<ol style="list-style-type: none"> 1. MAC Layer Model-> ZigBee MAC Model 2. PHY Layer Model-> ZigBee PHY Model <p>MAC Layer Features-</p> <ol style="list-style-type: none"> 1. Generating network beacons if the device is a coordinator 2. Synchronizing to network beacons 3. Supporting PAN association and disassociation 4. Employing the CSMA-CA mechanism for channel access 5. Direct and indirect data transmission 6. Providing a reliable link between two peer MAC entities 7. SCS features, i.e., starting/stopping devices <p>PHY Layer Features-</p> <ol style="list-style-type: none"> 1. 800, 900, and 2400 MHz multiple frequency bands support. 2. Multiple combinations of modulation schemes and spread spectrum support. 3. BER based reception quality estimation. 4. Energy detection. 5. Link quality indication. 6. Clear channel assessment
3.	Urban Propagation Model Library	<p>Propagation Models-</p> <ol style="list-style-type: none"> 1. Automatic Model Selection 2. COST 231-Hata Propagation Model 3. COST 231-Walfish-Ikegami (COST-WI) Propagation Mode 4. Okumura-Hata Propagation Model 5. Street Microcell Propagation Model 6. Street Mobile-to-mobile Propagation Model 7. Suburban Propagation Model
4.	UMTS Library	<p>Models-</p> <ol style="list-style-type: none"> 1. Application Layer Model-> Packet Service Application 2. Multi-Layer Model->UMTS <p>Application Layer Features –</p> <ol style="list-style-type: none"> 1. Phone Call Traffic Generator 2. CBR and VBR models can be used to simulate conversational and streaming applications <p>Multi-Layer Features-</p> <ol style="list-style-type: none"> 1. General Features- <ol style="list-style-type: none"> 1. UMTS FDD (Frequency Division Duplex) 2. UE, Node B, RNC, SGSN, GGSN, and HLR node types 3. Support for four QoS classes: Background, Interactive, Streaming, and Conversational 4. Open source admission control 2. Supported Physical Layer Features- <ol style="list-style-type: none"> 1. WCDMA PHY 2. Cell search 3. Radio link monitoring and measurement 4. Closed-loop power control 3. Supported Layer 2 Features- <p>MAC Sub layer of Layer 2</p> <ol style="list-style-type: none"> 1. Mapping between logical channels and transport channels 2. Selection of appropriate transport format for each transport channel depending on traffic rate 3. Identification of UEs on common transport channels 4. Multiplexing/demultiplexing of upper layer PDUs into/from transport blocks delivered to/from the physical layer on common transport

		<p>channels</p> <ol style="list-style-type: none"> 5. Multiplexing/demultiplexing of upper layer PDUs into/from transport blocks delivered to/from the physical layer on dedicated transport channels 6. Access service class selection for RACH transmission <p>RLC Sub layer of Layer 2</p> <ol style="list-style-type: none"> 1. TM transmission <ol style="list-style-type: none"> 1.No discard configuration for SDU discard Function 2.Segmentation and reassembly 2. UM transmission <ol style="list-style-type: none"> 1. No discard configuration for SDU discard Function 2. Segmentation, padding, and reassembly 3. Add/remove RLC header (sequence Number and length indicator) 3. AM transmission <ol style="list-style-type: none"> 1. Segmentation, padding, and reassembly 2. Add/remove RLC header (sequence number, length indicator, D/T bit, P bit, PDU type, SUFI) 3. LAST_PDU triggered polling function 4. STATUS PDU transmission function <p>4. Implemented Layer 3 Features-</p> <p>Connection Management (CM)</p> <ol style="list-style-type: none"> 1. Call Control (CC) <ol style="list-style-type: none"> 1. Call establishment for normal calls 2. Call maintenance 3. Call termination 2. Session Management (SM) <ol style="list-style-type: none"> 1. PDP context activation 2. PDP context deactivation <p>Mobility Management (MM) and GPRS Mobility Management (GMM)</p> <ol style="list-style-type: none"> 1. VLR and HLR 2. GPRS attach 3. IMSI attach 4. MM connection management 5. GMM connection management 6. Combined routing area update and location update <p>Radio Resource Control (RRC)</p> <ol style="list-style-type: none"> 1. Initial cell selection and cell reselection 2. Broadcast of system information blocks (complete combination type only) 3. Establishment, maintenance, and release of the RRC connection 4. Establishment and release of radio bearers 5. Assignment and release of radio resources 6. RRC connection mobility functions 7. UE measurement reporting and control of reporting 8. Paging <p>Handovers</p> <ol style="list-style-type: none"> 1. Soft handover (break after handover) 2. Intra-SGSN handover 3. Inter-SGSN handover <p>GPRS Tunneling Protocol (GTP) Features</p> <ol style="list-style-type: none"> 1. GTP header format 2. GTP tunnel establishment 3. GTP-U control and data service <p>High Speed Downlink Packet Access (HSDPA) Features</p> <ol style="list-style-type: none"> 1. HS-DSCH channel with the following characteristics: 2 ms TTI, SF =16,
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		<p>QPSK/QAM 16 modulation, transport block size derivation</p> <ol style="list-style-type: none"> 2. HS-SCCH with transport format information transmission 3. HS-DPCCH with transmission of CQI 4. Queue distribution in UTRAN MAC-hs 5. Scheduling/priority handling in UTRAN MAC-hs 6. Reordering function 7. Disassembly function
5.	Cellular Model Library	<p>Models-</p> <ol style="list-style-type: none"> 1. Abstract Cellular 2. GSM 3. User Behavior <p>Features For Abstract Model-</p> <ol style="list-style-type: none"> 1. Support 900 MHz or 1800 MHz band at MSs and BSs 2. Support various types of traffic 3. Different fidelity for control and traffic channel 4. Dynamic channel assignment and release <ol style="list-style-type: none"> 1. Channel Request on demand 2. Channel allocation/release 5. Call admission control 6. Handover <ol style="list-style-type: none"> 1. Intra-cell HO 2. Inter-cell intra SC HO 3. Inter-cell Inter SC HO 4. Attach/cell selection and reselection 7. Location update <ol style="list-style-type: none"> 1. Periodic type 2. Attach type 8. Location updating 9. Call setup and tear down <ol style="list-style-type: none"> 1. Voice call setup 2. Voice call tear down 3. PDP context activation 10. PDP context deactivation 11. Threshold based Call admission control 12. VLR/HLR operations <ol style="list-style-type: none"> 1. Insert, delete, update Records 2. Look up records 3. VLR and HLR interaction 13. Update/Cancel Location - Normal type Supported Features For GSM Model- <ol style="list-style-type: none"> 1. The configuration allowed is: one MSC, multiple Base Stations and multiple Mobile Stations. 2. Primary (900 MHz) band MS's and BS's, i.e. standard band is only supported. 3. Cell selection and reselection. 4. Dynamic channel assignment and release. 5. Location update. 6. Call setup and tear down (TCH/F). 7. Handover (Intra-MSC and inter-cell/BS). 14. Supported Features For User Behavior Model- <ol style="list-style-type: none"> 1. User attributes referenced by various models: sex, age, and position 2. Configuring user attributes using profiles 3. User attributes for specifying traffic patterns 4. Random assignment of traffic destination 5. User calling, re-call and termination patterns 6. Distinction of area-of-interest and out-of-area users 7. Calculation of network service perception

Ref:- Detailed specification for Item No. 10 - Redhat Enterprise Linux (latest version)

License Type: - Academic **No. of Licenses:** - 01 **License Duration:** - 3 years

Warranty/Guarantee with all upgrades and onsite technical support: - 3 Year

Redhat Enterprise Linux 7.1 Standard or latest (2 soc/ 1 phy or 2vm) (3yr upd/sup) with one Redhat media kit

Ref:- Detailed specification for Item No. 11 - Cadence University Bundle PG (latest version)

License Type: - Academic **Qty:** - 01 **No. of Licenses:** - 20 **License Duration:** - 3 years
Warranty/Guarantee with all upgrades and onsite technical support: - 3 Year

University Bundle Analog & Digital FE & BE for PG courses	
Sl. No.	Feature Description
(i).	Virtuoso(R) Schematic Editor XL
(ii).	Virtuoso Multi-mode Simulation with Spectre XPS
(iii).	Virtuoso(R) Analog Design Environment XL
(iv).	Virtuoso(R) Layout Suite XL
(v).	AMS Designer with Flexible Analog Simulation
(vi).	Virtuoso AMS Designer Verification Option
(vii).	Incisive Enterprise Simulator - XL
(viii).	Encounter RTL compiler - XL
(ix).	Encounter RTL Compiler Low Power Option
(x).	Encounter Digital Implementation System XL
(xi).	Encounter Conformal Low Power - XL
(xii).	Encounter Low Power GXL Option
(xiii).	Encounter Mixed Signal GXL Option
(xiv).	Tempus Timing Signoff Solution XL
(xv).	Voltus IC Power Integrity Solution – XL (VTS-XL)
(xvi).	Cadence® Physical Verification System Design Rule Checker XL
(xvii).	Cadence® Physical Verification System Layout vs. Schematic Checker XL
(xviii).	Cadence Quantus QRC Extraction -XL
(xix).	Option to RC - DFT Architect Advanced
(xx).	Encounter True Time ATPG Basic
(xxi).	Virtuoso Liberate Server
(xxii).	Virtuoso Liberate Client
(xxiii).	Virtuoso Variety Server
(xxiv).	Virtuoso Variety Client
(xxv).	Virtuoso Liberate MX Server
(xxvi).	Virtuoso Liberate MX Client
(xxvii).	Virtuoso Liberate LV Server
(xxviii).	Virtuoso Liberate LV Client

Ref:- Detailed specification for Item No. 12 - Mentor Graphics EDA Tool (latest version)

License Type: - Academic **Qty:** - 01 **No. of Licenses:** - 50 **License Duration:** - 3 years

Warranty/Guarantee with all upgrades and onsite technical support: - 3 Year

Pyxis Schematic, Pyxis Layout, Caliber DRC, LVS, ELDO Spice Simulation, HDL Designer, Questa, Spectrum , Vivado System Edition , Questa Adms , Tessent , HDL Designer Tools , Precision with following features: -

Mentor Graphics HEP-1 (IC Nanometer Design) & HEP-2 (Design Verification and Testing)	
Sl. No.	Feature Description
(i).	Efficient handoff between IC design and manufacturing
(ii).	RTL to GDS II flow , ICflow SDL tool , Ic assembles for floor planning
(iii).	Aroute for automatic routing
(iv).	Handles both conventional pattern-based logic simulation and intuitive onscreen mouse-driven simulation
(v).	Provides necessary tie between physical verification and DFT
(vi).	Single, streamlined design flow for AMS SoC design Efficient handoff between IC design and manufacturing
(vii).	Supports hierarchical logic design Built-in extractor which generates a SPICE netlist from the schematic diagram
(viii).	Caliber XRC for parasitic extraction
(ix).	Caliber LVS for layout vs. schematic
(x).	Current and power consumption analysis in EZwave
(xi).	Facility for generation of user defined symbols for schematic entry
(xii).	MOS level schematic support
(xiii).	Immediate access to symbol properties (Delay, fanout)
(xiv).	Sub-micron, deep-submicron, nanoscale technology support Supported by huge symbol library
(xv).	Operates on Linux OS with full UNIX data compatibility
(xvi).	Precision CMOS Layout tool upto 35 nanometers
(xvii).	Generation of VERILOG description of the schematic for layout generation & editing
(xviii).	Single, streamlined design flow for AMS SoC design
(xix).	Design-error-free cell library.
(xx).	Can quickly output designs in SPICE, HSPICE, or Verilog netlist formats
(xxi).	Operates on Linux OS with full UNIX data compatibility
(xxii).	Language-neutral environment with multiple simulation algorithms lets designers choose the best combination for their tasks

Ref:- Detailed specification for Item No. 13 - Synopsys' Tool Process and Device Simulator TCAD (latest version)

License Type: - Academic **Qty:** - 01 **No. of Licenses:** - 05 **License Duration:** - 3 years
Warranty/Guarantee with all upgrades and onsite technical support: - 3 Year

Name of Software: Synopsys Tool Process and Device Simulator TCAD (Latest Version)

4458-0 AsiaPac Advanced TCAD Univ. Bundle	
Sl. No.	Feature Description
(i).	IC WorkBench Edit/View Plus
(ii).	TCAD Sentaurus Workbench
(iii).	TCAD Sentaurus Workbench Advanced
(iv).	TCAD Sentaurus Process
(v).	TCAD Sentaurus Process 3D
(vi).	TCAD Sentaurus Device
(vii).	TCAD Sentaurus Device Advanced
(viii).	TCAD Sentaurus Device DSM
(ix).	TCAD Sentaurus Device Compound
(x).	TCAD Sentaurus Device Opto
(xi).	TCAD Sentaurus Device 3D
(xii).	TCAD Sentaurus Parallel
(xiii).	TCAD Sentaurus Device EMW
(xiv).	TCAD Sentaurus Device Monte Carlo
(xv).	TCAD Sentaurus Device Power
(xvi).	TCAD Sentaurus PCM Studio
(xvii).	TCAD Sentaurus PCM Library
(xviii).	TCAD Sentaurus Structure Editor
(xix).	TCAD Sentaurus Structure Editor 3D
(xx).	TCAD Sentaurus Process Kinetic MC
(xxi).	TCAD-Taurus-Medici
(xxii).	TCAD-Taurus-TSuprem4
(xxiii).	TCAD-Raphael
(xxiv).	TCAD Sentaurus Device EMW MPI
(xxv).	TCAD Sentaurus Visual

9499-0 AsiaPac 2D TCAD Univ. Bundle	
Sl. No.	Feature Description
(i).	TCAD Sentaurus Workbench
(ii).	TCAD Sentaurus Workbench Advanced
(iii).	TCAD Sentaurus Process
(iv).	TCAD Sentaurus Device
(v).	TCAD Sentaurus Device Advanced
(vi).	TCAD Sentaurus Device DSM
(vii).	TCAD Sentaurus Device Compound
(viii).	TCAD Sentaurus Device Opto
(ix).	TCAD Sentaurus Parallel
(x).	TCAD Sentaurus Device EMW
(xi).	TCAD Sentaurus Device Monte Carlo
(xii).	TCAD Sentaurus Device Power
(xiii).	TCAD Sentaurus PCM Studio
(xiv).	TCAD Sentaurus PCM Library
(xv).	TCAD Sentaurus Structure Editor
(xvi).	TCAD Sentaurus Process Kinetic MC
(xvii).	TCAD-Taurus-Medici
(xviii).	TCAD-Taurus-TSuprem4
(xix).	TCAD-Raphael
(xx).	TCAD Sentaurus Device EMW MPI
(xxi).	TCAD Sentaurus Visual

Asia Pac FullCustom University Bundle	
Sl. No.	Feature Description
(i).	BDC for NanoSim
(ii).	IC WorkBench Edit/View Plus
(iii).	VCS MX
(iv).	ESP-CV
(v).	Formality ESP
(vi).	HSPICE RF
(vii).	NanoTime
(viii).	CustomSim CircuitCheck op.
(ix).	CustomSim Cadence ADE I/F op.
(x).	CustomSim Digital Co-Sim op.
(xi).	NanoTime Ultra Add-On
(xii).	SX-CDS Link
(xiii).	SX-DAIC Link
(xiv).	SX-ADP Link
(xv).	SX-JEDAT Link
(xvi).	SX-CDS ENS
(xvii).	SX-DATA options
(xviii).	HSPICE
(xix).	IC Compiler Design Planning
(xx).	Custom Explorer Ultra
(xxi).	Custom Designer SE
(xxii).	Custom Designer LE
(xxiii).	CustomSim
(xxiv).	CustomSim-FT
(xxv).	CosmosScope
(xxvi).	IC Validator/Hercules DP
(xxvii).	IC Validator/Hercules
(xxviii).	Custom Designer LE Plus Add-On
(xxix).	PrimeTime GCA
(xxx).	StarRC Ultra
(xxxi).	IC Compiler Custom Co-Design
(xxxii).	Galaxy Custom Router
(xxxiii).	FineSim Spice
(xxxiv).	nAnalyzer
(xxxv).	nECO
(xxxvi).	Siloti
(xxxvii).	Verdi - Power Aware Debug
(xxxviii).	Verdi-3
(xxxix).	Laker

Ref:- Detailed specification for Item No. 14 - Turnitin Plagiarism Checker (latest version)

License Type: - Academic **Qty:** - 01 **No. of Licenses:** - 100 **License Duration:** - 1 years

Warranty/Guarantee with all upgrades and onsite technical support: - 1 Year

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