



**INVITATION LETTER**

Package Code: TEQIP-III/2019/ntst/111

Current Date: 22-June-2019

Package Name: NITS/TEQIP-III/CSE/Software/01

Method: Shopping Goods

Sub: Invitation Letter for NITS/TEQIP-III/CSE/Software/01

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure-I:

S. No.	Item Name	Quantity	Place of Delivery	Installation Requirement (if any)
1	(a) NETSIM Network Simulation Software Standard (R&D) (15 Users Lifetime Licence with 01 User Lifetime Licence of Network Emulator); (b) NETSIM Network Simulation Software – Academic Educational (45 Users Lifetime Licence) – Version 11 or Latest (As per the Technical Details Specification enclosed at Annexure-I)	01 University Bundle consisting of 45 User Academic and 15 User Research Licences with 01 User Licence of Network Emulator	NIT Sikkim	YES with 05 Days Training in One/Two Phases

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme (TEQIP) - Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. **Qualification Criteria:**

The bidder/supplier should have:

- 3.1. Sole authorized distributorship for the NETSIM Software and have to provide the proprietary product certificate from the manufacturer/developer that they are the sole manufacturer/ developer of the said items (i.e. NETSIM).
- 3.2. Not been blacklisted by any Govt. Institution/Organization.

4. **Quotation:**

- 4.1. The contract shall be for the **full quantity** as described above.
- 4.2. The vendors are requested to quote lowest rate for the supply of all the items in the prescribed **Format for Quotation Submission (Annexure-III)**.
- 4.3. Corrections, if any, shall be made by crossing out, initialling, dating and re-writing.

- 4.4. All duties and other levies payable by the supplier under the contract shall be included in the unit Price.
- 4.5. Applicable taxes shall be quoted separately for all items.

**NIT Sikkim being a Public Funded Research Institution, vide Notification No. 45/2017-Central Tax (Rate) and No 47/2017-Integrated Tax (Rate) is eligible for concessional rate of GST on purchase of research items. Further concession on customs duty is also available on customs duty vide notification No. 51/96-Cus. DSIR certificate shall be provided by the Institute to claim such concessional rate. Bidders are required to take into account the said concession in the Financial Bid. The concessional rate of GST is 5%. (Annexure-I, DSIR Certificate)**

- 4.6. The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
  - 4.7. The Prices should be quoted in Indian Rupees only.
  - 4.8. The vendor should submit trade licence/certificate of Registration (as applicable) in the required business/field, GST registration number and photocopy of the GST registration certificate, the PAN of proprietor/firm/company with photocopy of the PAN card. Please attach a certificate that the quoted price is not more than that of any govt. organization/Intuition in India. This has to be mention in the offer letter clearly.
5. Each bidder shall submit only one quotation.
  6. Quotation shall remain valid for a period not less than **45** days after the last date of quotation submission.
  7. The quotation should include the following information:
    - 7.1. Authorization certificate from the OEM/Principal assuring full guarantee and warrantee obligations during the liability period, for the goods offered.
    - 7.2. The list of clients (IITs, NITs/Central Universities and other reputed Institution) duly supported by copies of purchase order, if any.
    - 7.3. Details of service/supports centres located in India.
  8. **Evaluation of Quotations:** The Purchaser will evaluate and compare the quotations determined to be Substantially responsive i.e. which:
    - 8.1. If goods are of proprietary nature then the certificate of the same and the authorization letter from the OEM for Sole Authorized Distributor of the software. Each page of the bid must be properly sealed and signed by the bidder.
    - 8.2. Confirm to the terms and conditions, and specifications.
    - 8.3. The vendor should provide complete technical details (printed literature of the manufacturer along with model/make) and the same should be verifiable from the website of the vendor/OEM. Mere copying the technical specification provided in the Annexure-I may lead to cancellation of the bid.
  9. The Quotations would be evaluated for all items together.

10. **Award of Contract:** The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
  - 10.1. Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of Contract.
  - 10.2. The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
11. Payment shall be made in Indian Rupees as follows:  
**Satisfactory Delivery & Installation - 70% of total cost**  
**Satisfactory Acceptance - 30% of total cost**
12. Liquidated Damages will be applied as per the below:  
Liquidated Damages per Day Min %: 0  
Liquidated Damages Max %: 10
  - (a) 1% of the total cost for delay up to 15 days;
  - (b) 2% of the total cost for delay more than 15 days but less than 30 days;
  - (c) 5% of the total cost for delay more than 30 days but less than 60 days;
  - (d) 10% of the total cost for delay more than 60 days;
13. **The supplied softwares are with lifetime licences and one year free technical supports and free upgrades.**
14. You are requested to provide your offer latest by **17:00** hours on **08-July-2019**.
15. Detailed specifications of the items are at **Annexure-I**.
16. Training Clause (if any): **YES** (05 Days Training in One/Two Phases)
17. Testing/Installation Clause (if any): **YES**
18. Performance Security shall be applicable: **NA**
19. Information brochures/ Product catalogue must be accompanied with the quotation clearly indicating the model quoted for.
20. **The vendors should submit the technical and financial bids in a sealed envelope.**  
Sealed quotation to be submitted/ delivered at the address mentioned below:  
**The Nodal Office (Procurement),**  
**TEQIP-III,**  
**National Institute of Technology Sikkim,**  
**Barfung Block, Ravangla, South Sikkim**  
**Pin Code-737139.**
21. We look forward to receiving your quotation and thank you for your interest in this project.



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**Dr. Achintesh N. Biswas**  
**Nodal Officer (Procurement)**

Technical Details and Specification**(A) NETSIM Network Simulation Software Standard (R&D) License (Version 11 or Latest)****Quantity: 15 Users Lifetime Licences**

<b>Components</b>	<b>Libraries</b>
Component 1 (Base)	<p><b>Internetworks:</b> Ethernet – As per IEEE 802.3, CSMA / CD, ARP, Fast and Gigabit Ethernet. Ethernet Switching with STP as per IEEE 802.1 D. Wireless LAN – As per IEEE 802. 11 a, b, g, n, ac, e &amp; p standards. CSMA/CA protocol with RTS / CTS exchange. Infrastructure BSS and DCF mode.</p> <p>TCP – Old Tahoe and Tahoe flavors as per IETF RFC 2001. Retransmission timer management and RTT Variance estimation using Jacobson’s algorithm. Exponential RTO back-off and dynamic window sizing on congestion. Reno (Fast Recovery), New Reno (retransmission during the Fast recovery), BIC and CUBIC algorithms, Window Scaling and Selective Acknowledgement.</p> <p>UDP – As per IETF RFC 768 with encapsulation</p> <p>Routing – Routing Information Protocol (RIP) implemented as per IETF RFC 1058. Open Shortest Path First (OSPF) implemented as IETF per RFC 2328. Queuing and implementation of periodic time, update time, invalid timer and flush timer. Routing tables containing source, destination, next hop cost and interface.</p> <p>Link failure and recovery model</p>
Component 2	<p><b>Legacy Networks:</b> Pure Aloha, Slotted Aloha</p> <p><b>GSM</b> (Global System for Mobile): Implemented as per 3GPP and ETSI standard. Traffic is via Erlang B call model. Analysis of Call blocking probability, Different technique of channel allocation scheme, Handover. Mobility is as per Random waypoint and Random walk model.</p> <p><b>CDMA</b> (Code division multiple access): Implemented as per IS95 A/B. Traffic is via Erlang B call model. Analysis of Call blocking probability, Call dropping probability, one call class of channel allocation scheme, Handover. Mobility is as per Random waypoint and Random walk model.</p>
Component 3	<p><b>Advanced Routing:</b> Multicast Routing - IGMP, PIM, Access Control Lists, Detailed Layer 3 switch mode, Virtual LAN (VLAN), Public IP, Network Address Translation (NAT)</p>
Component 4	<p><b>Mobile Ad Hoc Networks (MANET):</b> Dynamic Source Routing (DSR) implemented as per RFC4278 and Adhoc on Demand Distance Vector Routing (AODV) per RFC 3561. Mobility is via the Random waypoint model, Random Walk, Group mobility, File Based Mobility, which is designed to describe the movement pattern of mobile users, and how their location, velocity and acceleration change over time. Zone Routing Protocol (ZRP) per Section 10 of RFC 2026 and Optimized Link State Routing (OLSR) per RFC 3626. Multiple MANETs with Bridge node, P2P Wired/Wireless links. Fast configuration, Battery model, Static routing</p>
Component 5	<p><b>Software Defined Network (SDN):</b> SDN controller, Open flow v1.3 compatible, SDN Commands</p>
Component 6	<p><b>Internet of Things:</b> Wireless Sensor Network, Internet of Things and Zigbee per IEEE 802.15.4 MAC and PHY. 802.15.4 PHY: Change radio state, Received power calculation, Shadow Loss, Path Loss Error, Bit Error Rate, Channel Formation, Clear Channel Assessment, SINR Calculation. 802.15.4 MAC: Locate back-off boundary, Super Frame, Beacon mode, Back-off Calculation, GTS, Unslotted CSMA / CA, Slotted CSMA / CA RPL Routing protocol covering Local DODAGs Route Discovery, Rank Properties, Loop Avoidance, RPL Instance, ICMPv6 RPL Control Message, Sequence Counters, Upward Routes, Downward Routes, Non-Storing Mode, Packet Forwarding and Loop Avoidance/Detection, Maintenance of Routing</p>

	Adjacency.
Component 7	<b>Cognitive Radio Networks:</b> Cognitive Radio per IEEE 802.22 standards covering Spectrum manager: Form Channel set, CPE association, SSA Init, Quiet period scheduling, Quiet period, SSF, UCS, Channel switching, Channel update, Form USMAP, Form USBurst, Transmit USBurst, Form UCD, Transmit SCH, Process SCH, Data packet forwarding, OFDMA init, Incumbent start, Incumbent end, Fragment packet, Transmit FCH, Process FCH, Service Flow: Create Service flow, Process DSA Req and RSP, Process DSD and RSP, Terminate service flow. Operational Interval and Operational frequency is changed to OFF_Duration and ON_Duration.
Component 8	<b>LTE and LTE-Advanced Networks:</b> LTE Network layer, Data link and physical layer implementation is as per standards 3GPP 36.xxx. UE, eNB with MME can be used for the scenario building and simulation. Network layer: Handover Decision, Handover Initiation, Handover routing, MME routing Handover control packet processing. Data Link layer: PDCP init, Header compression/ Uncompression, Data sequencing, RRC Connection establishment – Paging, T300 expiration, RLC - RLC SDU formation, Data forwarding, Mac Scheduler - Round Robin, Max CQI, Proportional fair scheduling, GBR Queue, Non GBR queue Physical layer: Received Power Calculation, Path Loss – Fading, Shadowing, SINR calculation, BER calculation, CQI Reporting, CQI_MCS mapping, MCS_TBS mapping Mobility is via the Random waypoint, Random Walk, Group mobility LTE-A Network layer, Data link and physical layer implementation is as per standards 3GPP 36.xxx. UE, eNB, Relay with MME can be used for the scenario building and simulation. Physical layer: Carrier Aggregation, Transmission index – MIMO concept, and featuring relays nodes. LTE D2D (where UEs can communicate directly with each other) and LTE Femtocell with HNB gateways are implemented LTE VANETs: Basic Safety Message (BSM) protocol per J2735 DSRC. Dynamic interfacing with SUMO through TraCI API's
Component 9	<b>Vehicular Ad Hoc Networks:</b> VANET: implemented as per IEEE 1609 WAVE, Basic Safety Message (BSM) protocol per J2735 DSRC. Dynamic interfacing with SUMO through TraCI API's, Static Routing
<b>Network Emulator</b>	<b>01 User Lifetime Licence</b>
<b>Additional Features</b>	<ul style="list-style-type: none"> <li>• External Interfaces</li> <li>• Co-Simulation &amp; interfacing with MATLAB &amp; Simulink</li> <li>• Co-Simulation &amp; interfacing with WireShark</li> <li>• Co-Simulation &amp; interfacing with SUMO</li> <li>• Detailed Packet Trace &amp; Event Trace</li> <li>• Protocol Library source Codes should be provided for all above mentioned technologies in C Language for all components &amp; tool boxes.</li> <li>• Development Environment – Write, Modify and Link Protocol source codes</li> <li>• Advance Analytics: For Inter and intra protocol comparison.</li> <li>• Automatic Graph generation and export to direct CSV option.</li> <li>• Dynamic Metrics should be available</li> <li>• Integrated Debugging for advance research.</li> <li>• Packet Animation with Packet Information and playback options.</li> <li>• One year free technical support &amp; free upgrades.</li> </ul>

**(B) NETSIM Network Simulation Software Academic (Educational) License (Version 11 or Latest)****Quantity: 45 Users Lifetime Licences**

<b>Components</b>	<b>Libraries</b>
Component 1 (Base)	<p><b>Internetworks:</b> Ethernet – As per IEEE 802.3, CSMA / CD, ARP, Fast and Gigabit Ethernet. Ethernet Switching with STP as per IEEE 802.1 D. Wireless LAN – As per IEEE 802. 11 a, b, g, n, ac, e &amp; p standards. CSMA/CA protocol with RTS / CTS exchange. Infrastructure BSS and DCF mode. TCP – Old Tahoe and Tahoe flavors as per IETF RFC 2001. Retransmission timer management and RTT Variance estimation using Jacobson’s algorithm. Exponential RTO back-off and dynamic window sizing on congestion. Reno (Fast Recovery), New Reno (retransmission during the Fast recovery), BIC and CUBIC algorithms, Window Scaling and Selective Acknowledgement. UDP – As per IETF RFC 768 with encapsulation</p> <p>Routing – Routing Information Protocol (RIP) implemented as per IETF RFC 1058. Open Shortest Path First (OSPF) implemented as IETF per RFC 2328. Queuing and implementation of periodic time, update time, invalid timer and flush timer. Routing tables containing source, destination, next hop cost and interface. Link failure and recovery model</p>
Component 2	<p><b>Legacy Networks:</b> Pure Aloha, Slotted Aloha</p> <p><b>GSM</b> (Global System for Mobile): Implemented as per 3GPP and ETSI standard. Traffic is via Erlang B call model. Analysis of Call blocking probability, Different technique of channel allocation scheme, Handover. Mobility is as per Random waypoint and Random walk model.</p> <p><b>CDMA</b> (Code division multiple access): Implemented as per IS95 A/B. Traffic is via Erlang B call model. Analysis of Call blocking probability, Call dropping probability, one call class of channel allocation scheme, Handover. Mobility is as per Random waypoint and Random walk model.</p>
Component 3	<p><b>Advanced Routing:</b> Multicast Routing - IGMP, PIM, Access Control Lists, Detailed Layer 3 switch mode, Virtual LAN (VLAN), Public IP, Network Address Translation (NAT)</p>
Component 4	<p><b>Mobile Ad Hoc Networks (MANET):</b> Dynamic Source Routing (DSR) implemented as per RFC4278 and Adhoc on Demand Distance Vector Routing (AODV) per RFC 3561. Mobility is via the Random waypoint model, Random Walk, Group mobility, File Based Mobility, which is designed to describe the movement pattern of mobile users, and how their location, velocity and acceleration change over time. Zone Routing Protocol (ZRP) per Section 10 of RFC 2026 and Optimized Link State Routing (OLSR) per RFC 3626. Multiple MANETs with Bridge node, P2P Wired/Wireless links. Fast configuration, Battery model, Static routing</p>
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Component 7	<p><b>Cognitive Radio Networks:</b> Cognitive Radio per IEEE 802.22 standards covering Spectrum manager: Form Channel set, CPE association, SSA Init, Quiet period scheduling, Quiet period, SSF,UCS, Channel switching,</p>

	Channel update, Form USMAP, Form USBurst, Transmit USBurst, Form UCD, Transmit SCH, Process SCH, Data packet forwarding, OFDMA init, Incumbent start, Incumbent end, Fragment packet, Transmit FCH, Process FCH, Service Flow: Create Service flow, Process DSA Req and RSP, Process DSD and RSP, Terminate service flow. Operational Interval and Operational frequency is changed to OFF_Duration and ON_Duration.
Component 8	<p><b>LTE and LTE-Advanced Networks:</b> LTE Network layer, Data link and physical layer implementation is as per standards 3GPP 36.xxx. UE, eNB with MME can be used for the scenario building and simulation.</p> <p>Network layer: Handover Decision, Handover Initiation, Handover routing, MME routing Handover control packet processing.</p> <p>Data Link layer: PDCP init, Header compression/ Uncompression, Data sequencing, RRC Connection establishment – Paging, T300 expiration, RLC - RLC SDU formation, Data forwarding, Mac Scheduler - Round Robin, Max CQI, Proportional fair scheduling, GBR Queue, Non GBR queue</p> <p>Physical layer: Received Power Calculation, Path Loss – Fading, Shadowing, SINR calculation, BER calculation, CQI Reporting, CQI_MCS mapping, MCS_TBS mapping</p> <p>Mobility is via the Random waypoint, Random Walk, Group mobility</p> <p>LTE-A Network layer, Data link and physical layer implementation is as per standards 3GPP 36.xxx. UE, eNB, Relay with MME can be used for the scenario building and simulation.</p> <p>Physical layer: Carrier Aggregation, Transmission index – MIMO concept, and featuring relays nodes. LTE D2D (where UEs can communicate directly with each other) and LTE Femtocell with HNB gateways are implemented</p> <p>LTE VANETs: Basic Safety Message (BSM) protocol per J2735 DSRC. Dynamic interfacing with SUMO through TraCI API's</p>
Component 9	<p><b>Vehicular Ad Hoc Networks:</b> VANET: implemented as per IEEE 1609 WAVE, Basic Safety Message (BSM) protocol per J2735 DSRC. Dynamic interfacing with SUMO through TraCI API's, Static Routing</p>
<b>Additional Features</b>	Network Programming Exercises in C / C++ / Java for students: Exercises including ARP, CIDR, cryptography, Distance vector routing, Error correction codes, Error detection codes, Framing sequence, MLMA, PC to PC communication Scheduling, shortest path, Transmission flow control & many more on computer networking & programming concepts. Packet Animation with packet information.

Note: One University Bundle Consisting of 45 User Academic and 15 User Research Licences. One Year Free Technical Support and free upgrades

**DSIR Certificate**

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INFORMATION

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(EPABX) : 26565694, 26562133  
: 26565687, 26562144  
: 26562134, 26562122  
फैक्स/FAX : 26960629, 26529745  
Website : <http://www.dsir.gov.in>  
(आईएसओ 9001:2008 प्रमाणित विभाग)  
(AN ISO 9001:2008 CERTIFIED DEPARTMENT)



सत्यमेव जयते

भारत सरकार  
विज्ञान और प्रौद्योगिकी मंत्रालय  
वैज्ञानिक और औद्योगिक अनुसंधान विभाग  
टेक्नोलॉजी भवन, नया महरौली मार्ग,  
नई दिल्ली - 110016  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE AND TECHNOLOGY  
Department of Scientific and Industrial Research  
Technology Bhavan, New Mehrauli Road,  
New Delhi - 110016

सं० टीयू/वी/आरजी-सीडीई/ (1199)/2016

दिनांक: 17-03-2017

महोदय/महोदया,

यह आपके पत्र/आवेदन दिनांक 27-01-2017 के संदर्भ में है जिसमें सरकारी अधिसूचना सं० 51/96 सीमा शुल्क दिनांक 23.7.1996 के अनुसार सीमा शुल्क/केन्द्रीय उत्पाद शुल्क छूट तथा सरकारी अधिसूचना सं० 10/97-केन्द्रीय उत्पाद दिनांक 01.03.1997 के अनुसार केन्द्रीय उत्पाद शुल्क छूट प्राप्त करने, जिसे समय-समय पर संशोधित किया जाता है, के प्रयोजन से सार्वजनिक निधीयत अनुसंधान संस्थाओं अथवा विश्वविद्यालय अथवा भारतीय प्रौद्योगिकी संस्थान अथवा भारतीय विज्ञान संस्थान, बंगलौर अथवा क्षेत्रीय अभियांत्रिकी महाविद्यालय, अस्पताल के अलावा, के पंजीकरण/पंजीकरण के नवीकरण का अनुरोध किया गया है।

इस संबंध में, आपके संदर्भ तथा उपयोग के लिए निम्नलिखित दस्तावेज संलग्न हैं:-

1. पंजीकरण प्रमाण पत्र
2. नियम एवं शर्तें

भवदीया,

*कामिनी*  
(कामिनी मिश्रा)

वैज्ञानिक - एफ/निदेशक





दूरभाष/TEL : 26962819, 26567373  
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 : 26565687, 26562144  
 : 26562134, 26562122  
 फ़ैक्स/FAX : 26960629, 26529745  
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 (आईएसओ 9001:2008 प्रमाणित विभाग)  
 (AN ISO 9001:2008 CERTIFICATED DEPARTMENT)



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 टेक्नोलॉजी भवन, नया महरौली मार्ग,  
 नई दिल्ली - 110016  
 GOVERNMENT OF INDIA  
 MINISTRY OF SCIENCE AND TECHNOLOGY  
 Department of Scientific and Industrial Research  
 Technology Bhavan, New Mehrauli Road,  
 New Delhi - 110016



No. TU/V/RG-CDE(1199)/2016

Dated : 17<sup>th</sup> March, 2017

To,  
 The Director  
 National Institute of Technology Sikkim  
 Barfung Block, Ravangla Sub-Division,  
 South Sikkim - 737 139  
 Sikkim

**Subject:** Renewal of Registration of Public Funded Research Institutions or a University or an Indian Institute of Technology or Indian Institute of Science, Bangalore or a Regional Engg. College, other than a Hospital\*, for the purposes of availing Customs duty exemption in terms of Govt. Notification No. 51/96-Customs dated 23.07.1996 & 28/03-Customs dated 01.03.2003 and Central Excise Duty Exemption in terms of Govt. Notification No. 10/97-Central Excise dated 01.03.1997 & 28/13-Central Excise dated 01.10.2013 as amended from time to time.

**With Reference:** Your application dated 27 January, 2017 on the above subject, this is the certificate of registration

#### CERTIFICATE OF REGISTRATION

This is to certify that **National Institute of Technology Sikkim, Sikkim** is registered with the Department of Scientific and Industrial Research (DSIR) for purposes of availing customs duty exemptions in terms of Government Notification No. 51/96-Customs dated 23 July, 1996 and Central Excise duty exemption in terms of Government Notification No. 10/97-Central Excise dated 1 March, 1997 as amended from time to time, for research purposes only. The Registration is subject to terms and conditions mentioned overleaf.

This Registration is valid upto **31.08.2021**.

Please acknowledge the receipt.

Yours faithfully,

*Kamini Mishra*  
 (K. Mishra)

Scientist - 'F' / Director

*\* Certificate of registration is not valid for activities falling within the definition of "hospital" as per notification no. 51/96 - Customs dated 23-07-1996 and No. 10/97 - Central Excise dated 01-03-1997 issued by the Department of Revenue. The institutions are cautioned to go through the notifications before availing duty exemptions under these notifications.*

Terms and conditions for registration of public funded research institutions, etc., other than a hospital for the purposes of availing customs/central excise duty exemption in terms of Govt. notifications no.51/96-customs dt.23.7.1996 and no.10/97-central excise dt.1.3.1997 as amended from time to time.

01. The institution should acknowledge receipt of the registration letter by stating that they will abide by the terms and conditions of registration.
02. The registration would be valid for the period specified in the registration letter\*\*. Request for renewal of registration shall be made in the prescribed proforma, at least 3 months before the expiry of the valid registration. Applications received late may not be considered.  
*\*\* However, certificate of registration is not valid for activities falling within the definition of 'hospital' as per notification no. 51/96-Customs dated 23.07.1996 and No. 10/97-Central Excise dated 01.03.1997 issued by the Department of Revenue. The institutions are cautioned to go through the notifications before availing duty exemptions under these notifications.*
03. Brief summary of the R&D activities, status of on-going projects and achievements of the institution shall be submitted to the DSIR at the end of 5(five) years, in case of institution where validity of registration is 10(ten) years. This should include details related to papers published, patents obtained and processes developed, new products introduced, awards & prizes received and copy of the latest Annual Report.
04. The institution should have a broad based research advisory committee (RAC), which should meet at regular intervals for approving, guiding and monitoring the ongoing and future research projects.
05. The institution should have separate budget for research. The institution should utilise the duty exemption facility as per the above-mentioned notifications, for research purposes only. Non-research requirement such as the one for service activities, teaching, training, patient care, etc. should not be procured availing the facility.
06. DSIR will not be responsible for any misuse of the duty exemptions facility using this certificate. The onus of proving that duty exemptions has been availed for research purpose only lies with the Institution.
07. The institutions should introduce a chapter in its Annual Report dealing with the research & development work. This could contain the on-going research projects, achievements during the year, publications, patents if any, etc. The R&D income & expenditure should be separately shown in an annexure/schedule in the statement of accounts in the Annual Report.
08. The registration will entitle the institutions to avail customs/excise duty exemption on purchase of equipment, instruments, spares thereof, consumables etc. used for research & development subject to relevant Government policies in force from time to time. Such exemptions will have to be separately applied for in the prescribed formats. The institutions should also abide by the terms & conditions of the customs & central excise notifications issued/amended from time to time.
09. In case of disposal/sale of R&D equipment, clearance from customs/excise authorities will also be required in view of the applicable notifications under which the equipment was imported /purchased in India.
10. The institution should submit half-yearly returns of the imports and domestic purchases in the month of January and July every year in the proforma issued by DSIR along with details of items, their value & utilisation.
11. Any violation of the terms & conditions mentioned above and/or provisions of taxation in force will make the institution liable to de-registration.
12. The institution will also conform to such other conditions for registration stipulated in the Guidelines, as may be specifically provided in the registration letter and notices placed on department official website (<http://www.dsir.gov.in>) from time to time.

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**FORMAT FOR QUOTATION SUBMISSION**  
(In letterhead of the supplier with seal)

Date: .....

**To,**  
.....  
.....  
.....  
.....

Sl.No.	Description of goods\ (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex-Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	GST and other Taxes payable	
						In %	In figures (B)
<b>Total Cost</b>							

Gross Total Cost (A+B): Rs. ....

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. .... (Amount in figures) (Rupees ..... amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of ..... months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: .....

Address: .....

Contact No.: .....