

गोविंद बल्लभ पंत अभियान्त्रिकी एवं प्रौद्योगिकी संस्थान, पौड़ी गढ़वाल
Govind Ballabh Pant Institute of Engineering & Technology
Pauri Garhwal, Uttarakhand-246194



BIDDING THROUGH GeM (Government-e-Market)

FOR

“1 Gbps Internet Leased Line (Optical Fiber Cable) (1:1 uncompressed and unshared)”
for

Govind Ballabh Pant Institute of Engineering & Technology
Ghurdauri, Pauri Garhwal, Uttarakhand-246194

Bid No.: As per GeM Bidding Document

DATE OF ISSUE OF BID	As per Bid Document generated on GeM
LAST DATE OF SUBMISSION OF BID	As per Bid Document generated on GeM
DATE OF OPENING OF BID	As per Bid Document generated on GeM
ESTIMATED COST OF BID	Rs. 22 Lakhs

TOTAL PAGES – 24

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GOVIND BALLABH PANT INSTITUTE OF ENGINEERING & TECHNOLOGY PAURI GARHWAL

A. INTRODUCTION

Invites Bids through the GeM Portal for “1 Gbps Symmetric Internet Leased Line (Optical Fiber Cable) (1:1 uncompressed and unshared) at Govind Ballabh Pant Institute of Engineering & Technology (GBPIET), Pauri Garhwal (Uttarakhand) 246194.

The Bidders can submit the Bid through GeM Portal only and GBPIET Pauri Garhwal will not be consider the Bids through hardcopy without GeM Bidding process. The Director, GBPIET Pauri Garhwal reserves the right to accept or reject any or all of the submitted bids without assigning any reasons thereof.

For inquiries, Contact: Dr. S. K. Verma, GBPIET Pauri Garhwal Telephone: 9412972267 (During Working Hours Only).

Note: - The Bidders are requested to serially number the submitted documents and put page numbers in the Check List.

B. ESTIMATED COST OF BID & EARNEST MONEY DEPOSIT (EMD)

The estimated cost of the scope envisaged in this Bidding Document is **Rs. 22 Lakhs.**

The Bidder shall be required to deposit refundable earnest money (EMD) for an amount of **Rs. 44,000/- (Rupees Forty Four Thousand Only)** through FDR/ Demand drafts or Bank Guarantee only. The demand drafts or Bank Guarantee shall be drawn in favor of **the Director, GBPIET, Pauri Garhwal** and payable at **Pauri Garhwal.**

Bidders registered with NSIC, MSMEs Etc. are exempted from the payment of EMD subject to submission of documentary evidence.

On acceptance of the Bid by successful Bidder, the Earnest money Deposit (EMD) shall be converted into Security Deposit and balance amount to be paid by the bidder within 15 days after receipt of the Contract on GeM, which will be refunded after 60 days of completion of Contract or expiry of contract, without any interest.

Bides without E.M.D. will be summarily rejected/unless exempted. The EMD of not eligible bidders shall be returned after completing the due process.

C. PERIOD OF CONTRACT

Initially the work shall be awarded to the Successful Bidder for 12 Months (1 Year). The period shall be extendable by another 24 Months (2 Year) with each extension of 1 Year duration on same terms & conditions subject to appraisal & performance review by the Institute Authorities.

In case of non-satisfactory performance, the Contract shall be liable to be terminated by the Institute at its sole discretion even before 12 Months by providing One Month Notice to this effect.

Any delay by the Successful Bidder in the complete of work /or the delivery of the services in accordance with the above Time Schedule, will make the Successful Bidder liable to any or all of the following:

- a.** Forfeiture of Performance Guarantee.
- b.** Imposition of Liquidity Damage Charges.
- c.** Termination of Contract for default.
- d.** Blacklisting of the Successful Bidder.

D. ELIGIBILITY CRITERIA

The Bidder, fulfilling the following criteria shall be eligible to apply:

- i.** The Bidder should have been in operation for a period of at least 6 Years in the same domain.
- ii.** Only Bidder having the Category “**A class Unified**” Internet Service Provider (ISP) license issued from the Department of Telecommunication, Govt. of India, can apply.
- iii.** The Bidder should have its own/direct/Leased access to the International Gateway. Undertaking for the same should be provided by the bidder on the official letter head of the Company. DOT License/Certificate/Agreement with the Service Provider for the same to be provided.
- iv.** The Bidder must have experience in providing 1 Gbps or more connectivity and necessary infrastructure at one place.
- v.** Self-attested valid License Copy of Certificate and Infrastructure Details must be enclosed with Technical Bid.
- vi.** The list of existing Clients (Educational Institutions or Universities / Government Departments / PSUs) who have been supplied Internet Bandwidth of 1 Gbps or more in the last three years should be provided along with Work Orders and satisfactory Performance Reports. Minimum Two orders of 1 Gbps or more / Three order of 500 Mbps or more lists of Clients to be provided.
- vii.** The Bidder would ensure that the local loop provisioning does not violate regulations as laid by Government of India / TRAI in respect of such links/ networks. The bidder will be responsible for making all the payments towards the local loop charges/rentals/WPC Charges etc.
- viii.** The Bidder must have a fully functional Network Operation Centre(s) (NOCs) to monitor and manage the 1 Gbps link, which is fully operational 24 x 7 x 365 days. List of NOC(s) must be enclosed with Technical Bid.
- ix.** The ISP should have fully functional Customer Service Support in Uttarakhand, which is operational 24 x 7 x 365 days. (Attach Certificate)

- x. The ISP/bidder should have centralized trouble ticketing tool for call logging, monitoring, and Troubleshooting purpose. (Attach Certificate)
- xi. The Bidder must have adequate bandwidth at the backend to provide the desired bandwidth in GBPIET, Pauri Garhwal. Supporting documents must be enclosed with the Technical Bid.
- xii. The Bidder should not have been debarred and / or blacklisted by any Central Government / or any State Government / Autonomous Department(s) / Body as on the last date of submission of the Bid. An affidavit to that effect of non-judicial stamp paper of Rs. 100/- duly notarized should be enclosed with the technical bid. The Performa of the affidavit is attached with the tender as Annexure- 4.
- xiii. The link provided by the Bidder should be DDOS protected.
- xiv. The ISP/Bidder should be a member of NIXI (National Internet Exchange of India). Supporting documents must be enclosed with the Technical Bid.
- xv. The bidder should support IPv6 on the Internet backbone with Dual Stackable capacity.
- xvi. The bidder should have valid ISO 27001 certification or equivalent certification.
- xvii. The bidder should have a valid GST Registration Number.
- xviii. The Bidder should have a Minimum Average Annual Turnover of **INR 88 Lakh** in the last three Financial Years viz. 2020-21, 2021-22 and 2022-23.

E. CONDITIONS OF BID

1. The Institute reserves the right to reject any or all Bids, wholly or partly or close the Bid at any stage prior to the award of contract without assigning any reason whatsoever.
2. The Institute reserves the right to carry out the capability assessment of the Bidders and the Director, GBPIET, Pauri Garhwal decision shall be final in this regard.
3. The bid of any bidder who has not complied with one or more of the conditions of eligibility criteria and / or fails to submit the required documents as required / or mentioned in Bid document is liable to be summarily rejected.
4. It shall be the responsibility of the Bidder to fully inform /acquaint / familiarize itself with local conditions and factors, which may have any effect on the execution of services to be rendered under the contract. All Bidder (s) intending to bid shall visit, if required, and make themselves thoroughly acquainted with the local site conditions.
5. The Institute shall presume that the Bidder has understood and agreed that all the relevant factors have been kept in view while submitting the bid. No financial adjustment arising thereof shall be permitted by Institute, on the basis of any non- clarity of information about local conditions being pleaded by the bidder.
6. The Service Provider shall be responsible for providing the 1 Gbps (1:1 uncompressed and unshared) always managed leased line Internet connectivity at Institute throughout the Contract Period.

7. The Bidder shall be responsible for installation, commissioning and configuring of hardware for connectivity providing, configuring, and provisioning a suitable edge router. The Bidder will maintain the OFC and equipment to provide Internet Services to GBPIET, Pauri Garhwal Server Room for efficient running at all times of the contract.
8. Liaisoning, if required with outside Agency/Government Authority for obtaining point to point connectivity between Service Provider Node and Institute, shall be the sole responsibility of the Service Provider/Bidder.
9. The Service Provider will do preventive maintenance once a quarter for upkeep of the systems running. The schedule will have to be adhered to strictly.
10. The Institute will not procure any hardware and the Service Provider will have to provide all the required hardware or latest technology from time to time and will also be fully responsible for its maintenance.
11. The present estimated bandwidth demand of the Institute is 1 Gbps. However, the Institute may require additional bandwidth in excess of 1 Gbps. In that case, the selected Bidder would have to supply / operate the excess bandwidth with additional cost on prorated basis.
12. The Institute reserves the right to decrease the 1 Gbps bandwidth if required the selected Bidder would have to supply / operate the lesser bandwidth with cost on prorated basis .
- 13. The separate new line with preferably different source operator other than the existing source operator should be implemented by the selected Bidder.**
- 14. The Bidder must provide Monitoring Web Base Interface to access for log files (Availability and Latency) of link as well as Utilization and Availability of Bandwidth.**
- 15. Support & Services during Contract Period:**
 - ⇒ The Service Provider should provide support desk details with escalation matrix for handling of support related services during the contract period.
 - ⇒ GBPIET, Pauri Garhwal shall be able to directly log any issue with Service Provider and interact with support personnel for resolution of any issue, obtaining technical guidance for any further changes in the software or its configuration, upgrades, updates, and all other types of technical queries.
 - ⇒ Service Provider shall provide periodic reports pertaining to utilization of resources.
 - ⇒ Service Provider shall provide access to log files to GBPIET, Pauri Garhwal.
 - ⇒ Service Provider shall inform GBPIET, Pauri Garhwal at least 1 week in advance for any planned system downtime.
 - ⇒ Service Provider shall inform GBPIET, Pauri Garhwal immediately in case of any unplanned downtime, and cyber incidents.
 - ⇒ In case of a change of service location, reconfiguration of the solution shall be done at no extra cost.

F. BID PRICE:

- a. The work shall be as described in **Quotation Format Annexure (QFA)**.
- b. GST, if applicable, shall be paid by the Institute as per prevailing rates.

- c. The Service Charges quoted by the Bidder shall be in “Indian Rupees” in accordance with the Price Bid Format provided in this Bid Document.
- d. The Service Charges quoted by the Bidder shall be fixed for the duration of the Contract and shall not be subjected to adjustment on any account.
- e. The Director, GBPIET, Pauri Garhwal and its officers/employees will not be responsible to any liabilities, entitlement or claims in the context of any statutory dues, charges, demands etc. of whatsoever for undertaking the said Contract by the Service Provider.
- f. During the Contract Period, any damage / loss caused to the Institute will be recovered from the Quarterly Bill of the selected Service Provider.

G. SINGLE BID BY INDIVIDUCAL BIDDER:

Each Bidder shall submit only one bid.

H. EVALUATION OF BIDS:

GBPIET, Pauri Garhwal will evaluate and compare the Bid(s) determined to be substantially responsive.

i.e. which:

- a) Are properly signed on each page & submitted.
- b) Confirm the terms & conditions and specifications of the Bid Document.

Conditional Bid(s) will not be accepted.

The evaluation of the proposals shall be done in two stages:

- a. Technical / Qualifying Bid Evaluation
- b. Financial Price/Bid Evaluation

Institute shall evaluate the Technical Bids for essential eligibility criteria, submission of EMD/Bid Security Declaration, submitted supporting documents and overall responsiveness in accordance with the Bid Document.

The Financial / Price Bid(s) shall be evaluated on the basis of the lump sum quoted price in accordance with the Price Bid Format provided in the Bid Document.

The Lowest Bidder (L1) shall be awarded the 1 Gbps Internet Leased Line (Optical Fiber Cable) (1:1 uncompressed and unshared) at GBPIET, Pauri Garhwal Contract subject to fulfilment of all the conditions of the Bid.

I. BID SYSTEM AND INSTRUCTIONS FOR SUBMISSION OF BIDS:

“**TWO BID SYSTEM**” viz. **Technical / Qualifying Bid** and **Financial / Price Bid** will be followed for this Bidding.

It is essential to fill in all the forms completely to qualify for the Technical Bid. Incomplete forms shall be summarily rejected. If needed, separate sheets should be enclosed for furnishing complete details.

The Price should be indicated in the prescribed format in the Price Bid only. Any other format will lead to disqualification.

The Lowest Bidder (L1) shall be awarded the 1 Gbps Internet Leased Line (Optical Fiber Cable) (1:1 uncompressed and unshared) at GBPIET, Pauri Garhwal Contract subject to fulfilment of all the conditions of the Bid.

SELECTION CRITERION IN CASE OF TIE OF SAME RATES OF L1

The Bidder who has **completed more number of similar works / contracts of Similar Services as per this Bid** will be selected.

J. AWARD OF WORK:

GBPIET, Pauri Garhwal will award the contract to the bidder whose Bid has been determined to be substantially responsive and who has been selected as per the above criteria.

Notwithstanding the above GBPIET, Pauri Garhwal reserves the right to accept or reject any bids and to cancel the bidding process and reject all bids at any time prior to the award of contract.

K. COMMENCEMENT OF CONTRACT:

The Service Provider shall commence the work from the date of receipt of acceptance of the Letter of Intent (LOI) / work order which shall be accepted by the Service Provider within 5 days from the receipt of the work order or 10 days from the issue date of said order whichever is earlier. The supply, installation, and commissioning of service F.O.R. GBPIET, Pauri Garhwal must be completed within 45 days. However, **the Services are expected to be commenced after the trial period of minimum 30 Days.**

L. PERFORMANCE SECURITY:

The Service Provider shall be required to submit a Performance Security within 10 days from the date of receipt of the Intimation Letter from the Institute for an **amount equal to 10% of Annual Contract Cost** including applicable taxes and duties.

The Contract Cost shall be the rate quoted by the Service Provider in the Financial / Price Bid including the applicable taxes and duties.

The **Performance Security shall be furnished in the form of a Demand Draft of any Nationalized Bank drawn in favour of the Director, GBPIET, Pauri Garhwal and payable at Pauri Garhwal.** This Performance Security shall remain with the Institute, interest free, as Security for the entire duration of the Contract and will be replenished from time to time in case of deductions, if any, by the Institute towards recovery from the Agency. The aforesaid Security Deposit shall be returned to the Agency after termination / expiry of the contract, after deductions, if any, made by the Institute.

Performance Security Deposit shall be adjusted / refunded after six (6) months of the expiry / termination of the Contract / Services.

M. PAYMENT TERMS & CONDITIONS:

- a) **Bandwidth Charge:** Annual Bandwidth Charges quoted by the Bidder shall be **payable on a quarterly basis at the end of the quarter** subject to submission of proper invoice in triplicate by the Service Provider. The payment shall be made through the bank only.
- b) **Hardware Charges:** The hardware procured by the Service Provider, if any, shall be maintained by the Service Provider and no additional charge for the same shall be payable by the Institute.
- c) **Charge for Dedicated Lease Line:** The Service Provider shall be required to provide the bandwidth over wired media (OFC). Wired media is required to be either owned by the Service Provider or acquired on a lease basis. However, no additional charges will be paid for the leased line by the Institute.

The Annual Service Charges quoted by the Bidder shall include charges for all the above.

- d) Penalty if any shall be deducted from the quarterly bills.
- e) Any kind of Payments of the Service will be realized only after the satisfactory report submitted by the Competent Authority of the Institute.

N. SUPPLY AND INSTALLATION

- a) This is a time bound and high priority project. It must be understood that the successful bidder has made the proposal after fully considering all such factors, which may have any bearing on the time schedule. The bidder will be required to supply, install, testing and enable services within 45 days from the date of placement of order.
- b) The successful bidder will have to arrange for all the testing equipment & tools required for installation, testing & maintenance etc. at his own cost.
- c) The successful bidder will ensure smooth integration of the proposed link with Active Components and/or other equipment existing at GBPIET, Pauri Garhwal.

O. SERVICE LEVEL GUARANTEE AND RESPONSIBILITIES UNDER THE CONTRACT:

- a) The ISP/bidder shall provide the 1 Gbps (1:1) Internet leased line (on optical fiber) for an uncompressed and unshared connectivity at all the time (24 X 7 X 365) at Institute.
- b) To provide a minimum subnet of **32 Public IPv4/IPv6 addresses including Reverse Lookups configured at these IP's.**
- c) The bandwidth should be provided through a fiber link on SDH/MEN ring terminating in Server Room, GBPIET, Pauri Garhwal and should be made available on Gigabit Ethernet / Optical.
- d) The Primary path and the backup path for internet link between GBPIET, Pauri Garhwal and International gateway each should be a single pipe of 1 Gbps.
- e) The maximum latency from GBPIET, Pauri Garhwal gateway router should be as under:

Location	USA Region	Europe Region	Asia Pacific Region
Latency Guarantee (X)	<350ms	<250ms	<120ms

The Bidder is required to monitor the latency report at least once every quarter or

whenever asked for.

- f) The ISP/bidder should provide Managed services for monitoring (link up/down, packet drop, latency, and other QS parameters) and maintenance of the link. The link (including the last mile) should be monitored on a 24x7 basis by the provider. SNMP access to the GBPIET, Pauri Garhwal Gateway Router will be provided for monitoring. Multi Router Traffic Graphed (MRTG): Access through online portal must be provided by ISP with following features:
 - i. Bandwidth (Hourly, Daily, Weekly, Monthly categorization).
 - ii. Availability (Hourly, Daily, Weekly, Monthly categorization).
 - iii. Summary of the above in one page.
- g) A dedicated service manager should be there who will liaison with the NOC in case the link goes down. This will include reporting, ticket generation and follow-up action. These services will be provided by the ISP directly and not through a channel partner.
- h) Packet Delivery: ISP's target for Packet Delivery is **99%** for any given month.
- i) SLA should commit to at least **98.5%** service availability, including the last mile connectivity. The following penalties will be imposed in case of violation of SLA:

Service Parameter	Service Level	Penalties (on quarterly Basis)
Link availability (Packet drop will be treated as link unavailability)	>=98.5 %	Nil
	Between 97.5 and 98.5	Amount equivalent to 2 days
	Between 96.7 and 97.5	Amount equivalent to 4 days
	Between 95.5 and 96.5	Amount equivalent to 7 days
	Between 94.5 and 95.5	Amount equivalent to 10 days
	< 94.5	Amount equivalent to 30 days
Average Bandwidth Availability	1 Gbps and above	NIL
	> = 900 Mbps and < 1 Gbps	10%
	> = 800 Mbps and < 900 Mbps	20%
	> = 700 Mbps and < 800 Mbps	30%
	> = 600 Mbps and < 700 Mbps	40%
	> = 500 Mbps and < 600 Mbps	50%
	> = 400 Mbps and < 500 Mbps	40%
	< 400 Mbps	100%
Latency	X	Nil
	X+5%	Amount equivalent to 2 days
	X+10%	Amount equivalent to 4 days
	X+15%	Amount equivalent to 7 days
	X+20%	Amount equivalent to 10 days
	>X+20%	Amount equivalent to 30 days

P. For any disputes, the place of jurisdiction shall be Pauri Garhwal, Uttarakhand (India) only.

Q. All Communication is to be addressed to –

**The Registrar,
Govind Ballabh Pant Institute of Engineering & Technology
Ghurdauri, Pauri Garhwal, Uttarakhand
Pin-246194**

CHECK LIST FOR TECHNICAL ELIGIBILITY

Sr. No.	Particulars	Criteria	Yes / No	Page No.
1	Submission of Earnest Money Deposit / Bid Security Declaration EMD: Rs. 44,000/- (Rupees Forty Four Thousand Only)	Scanned Copy of FDR/ Demand drafts or Bank Guarantee. Bidders exempted from payment of EMD should invariably attach the Supporting Document.		
2	Bidders are requested to note that in case of non-availability of any of the mentioned Registration in Annexure-1, the Institute may decide to reject the Bid summarily. The decision of the Competent Authority on this shall be binding.	The Bidder should submit the information sheet in the prescribed format Annexure-1 .		
3	Only Bidder having the Category “ A class Unified ” Internet Service Provider (ISP) license issued from the Department of Telecommunication, Govt. of India, can apply	Scanned Copy of the License valid as on the last date of submission of the Bid to be attached.		
4	Undertaking on the official letter head of the Bidder for own/direct/leased access to International Gateway.	Original Undertaking on the official letter head of the Bidder for own/direct/leased access to International Gateway to be attached.		
5	DOT License /Certificate / Agreement with the Service Provider for the same to be provided.	Scanned Copy of the License / Certificate / Agreement valid as on the last date of submission of the Bid to be attached.		
6	Self-attested valid License Copy of Certificate and Infrastructure Details must be enclosed with Technical Bid.	Please enclose License Copy		
7	i. The Bidder must have experience in providing 1 Gbps or more connectivity and necessary infrastructure at one place. ii. The list of existing Clients (Educational Institutions or Universities / Government Departments / PSUs) who have been supplied Internet Bandwidth of 1 Gbps or more in last three years should be provided.	List should be enclosed as per the Annexure – 2 Attached Work Orders and satisfactory Performance Reports. Minimum list of 2 or more Clients.		

8	The Bidder would ensure that the local loop provisioning does not violate regulations as laid by Government of India / TRAI in respect of such links/networks. Bidder will be responsible for making all the payments towards the local loop charges/rentals/WPC Charges etc.	Attached undertaking on the company letterhead.		
9	The Bidder must have a fully functional Network Operation Centre(s) to monitor and manage the 1 Gbps link, which is fully operational 24 x 7 x 365 days. List of NOC(s) must be enclosed with Technical Bid.	List of fully operational Network Operation Centre(s) in Uttarakhand to be attached.		
10	The ISP should have fully functional Customer Service Support in Uttarakhand, which is operational 24 x 7 x 365 hours. (Attach Certificate)	Declaration to be submitted in the Prescribed Form attached as Annexure – 3 on the Company/Firm Letterhead of the Bidder.		
11	Availability of adequate Bandwidth at the backend to provide the 1 Gbps Bandwidth to GBPIET, Pauri Garhwal.	Undertaking on official letter head of the Bidder certifying the availability of adequate Bandwidth at the backend to provide the 1 Gbps Bandwidth to GBPIET, Pauri Garhwal to be attached.		
12	The Bidder should not have been blacklisted by any Government Department / PSU / Bank / Central Autonomous Body.	Scanned copy of affidavit on Rs. 100/- Stamp Paper in prescribed Annexure-4 to the effect that the Bidder is not blacklisted by any Government Department / PSU / Bank / Central Autonomous Body as on the date of Bid submission. Undertaking on Letterhead shall not be accepted.		
13	The link provided by the Bidder should be DDOS protected.	Attached the Proof.		
14	The Bidder should have Minimum Average Annual Turnover of INR 88 Lakh in the last three Financial Years viz. 2020-21, 2021-22 and 2022-23.	Certificate(s) from a Chartered Accountant certifying the year wise Annual Turnover for the last three years to be submitted.		

BIDS OF AGENCIES NOT MEETING ABOVE ELIGIBILITY CONDITIONS WILL SUMMARILY BE REJECTED.

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Govind Ballabh Pant Institute of Engineering & Technology

Pauri Garhwal, Uttarakhand-246194

QUALIFYING / TECHNICAL BID

“1 Gbps Internet Leased Line (Optical Fibre Cable) (1:1 uncompressed and unshared)”

for

Govind Ballabh Pant Institute of Engineering & Technology

Ghurdauri, Pauri Garhwal, Uttarakhand-246194

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GOVIND BALLABH PANT INSTITUTE OF ENGINEERING & TECHNOLOGY
PAURI GARHWAL

SCOPE OF THE WORK
Technical Bid

**“1 Gbps Internet Leased Line (Optical Fiber Cable)
(1:1 uncompressed and unshared)”**

Scope of the work:

1. To provide 1 Gbps Internet leased line connectivity on uncompressed, unshared leased line (OFC) (1:1) at GBPIET, Pauri Garhwal on rental basis. This includes installation, commissioning, testing & upkeep of the complete **link for the contract period**.
2. The connectivity will be through dedicated Internet service. The hardware and software required for the establishment of a fully functional leased line will be provided by the bidder on a rental basis.
3. The bidder shall be responsible for installation / demonstration as applicable and for after sales service during the warranty and thereafter.
4. Installation and demonstration to be arranged by the supplier and the same is to be done within 15 days of the arrival of the equipment on site.
5. The bidder should provide the alternate backup in the form of ring structure / redundancy of sufficient capacity. In case of primary line failure, the services should be automatically shifted to backup.
6. The bidder should provide security and system level details for supporting mitigation of different types of network attacks and malicious activity, e.g., DDoS attack, and TCP ack storm attack.
7. The Bidder should provide end to end connectivity on its own network (via local loop) on Optical Fiber Cable in Ring Topology.

Sr. No.	Particulars	Yes / No (To be filled by the Bidder)																
1	The Service Provider shall provide the 1 Gbps (1:1 uncompressed and unshared) Internet leased Line (on Optical Fiber) for an uncompressed and unshared connectivity at all the time (24 x 7 x 365) at the Server Room, CSED, GBPIET, Pauri Garhwal.																	
2	The Service Provider shall provide a minimum subnet of 32 Public IPv4/IPv6 addresses including Reverse Lookups configured at these IP's.																	
3	The Service Provider should have fully resilient and self-healing network architecture, on fiber medium, from the international gateway in India up to the international Points of Presence. (Detailed architectural layouts need to be included with the bidder's proposal as annexure.)																	
4	Packet Losses: Less than 1% (Average over 1000 ping) at any given point of time to any part of globe.																	
5	<p>Latency: Region wise maximum permissible latency is as follows:</p> <ul style="list-style-type: none"> a) Less than 250 ms to North America b) Less than 200 ms to Europe c) Less than 150 ms to Asia Pacific d) Less than 20 ms from the Institute to Service Providers Tier-1 Peering Point. <p>Latency will be randomly checked on a daily basis. In case of non-adherence latency limit, the link will be considered as down with effect from time of detection till the time is restored</p>																	
6	Network Availability (uptime): More than 99 % per month.																	
7	Border Gateway Protocol (BGP) Implementation in the Internet Link.																	
8	Reports for performance, monitoring / usage to be submitted by the service provider on weekly or monthly basis or as per requirement of the Institute.																	
9	<p>SLA should commit to at least 98.5% service availability, including the last mile connectivity. The following penalties will be imposed in case of violation of SLA:</p> <table border="1" data-bbox="396 1535 1312 1896"> <thead> <tr> <th data-bbox="396 1535 578 1608">Service Parameter</th> <th data-bbox="578 1535 951 1608">Service Level</th> <th data-bbox="951 1535 1312 1608">Penalties (on quarterly Basis)</th> </tr> </thead> <tbody> <tr> <td data-bbox="396 1608 578 1896" rowspan="6">Link (Packet drop treated as link unavailability)</td> <td data-bbox="578 1608 951 1650">≥98.5 %</td> <td data-bbox="951 1608 1312 1650">Nil</td> </tr> <tr> <td data-bbox="578 1650 951 1692">Between 97.5 and 98.5</td> <td data-bbox="951 1650 1312 1692">Amount equivalent to 2 days</td> </tr> <tr> <td data-bbox="578 1692 951 1734">Between 96.7 and 97.5</td> <td data-bbox="951 1692 1312 1734">Amount equivalent to 4 days</td> </tr> <tr> <td data-bbox="578 1734 951 1776">Between 95.5 and 96.5</td> <td data-bbox="951 1734 1312 1776">Amount equivalent to 7 days</td> </tr> <tr> <td data-bbox="578 1776 951 1829">Between 94.5 and 95.5</td> <td data-bbox="951 1776 1312 1829">Amount equivalent to 10 days</td> </tr> <tr> <td data-bbox="578 1829 951 1896">< 94.5</td> <td data-bbox="951 1829 1312 1896">Amount equivalent to 30 days</td> </tr> </tbody> </table>	Service Parameter	Service Level	Penalties (on quarterly Basis)	Link (Packet drop treated as link unavailability)	≥98.5 %	Nil	Between 97.5 and 98.5	Amount equivalent to 2 days	Between 96.7 and 97.5	Amount equivalent to 4 days	Between 95.5 and 96.5	Amount equivalent to 7 days	Between 94.5 and 95.5	Amount equivalent to 10 days	< 94.5	Amount equivalent to 30 days	
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	Between 96.7 and 97.5	Amount equivalent to 4 days																
	Between 95.5 and 96.5	Amount equivalent to 7 days																
	Between 94.5 and 95.5	Amount equivalent to 10 days																
	< 94.5	Amount equivalent to 30 days																

	Average Bandwidth Availability	1Gbps and above	NIL
		>= 900 Mbps and <1 Gbps	10%
		>= 800 Mbps and <900 Mbps	20%
		>= 700 Mbps and <800 Mbps	30%
		>= 600 Mbps and <700 Mbps	40%
		>= 500 Mbps and <600 Mbps	50%
		>= 400 Mbps and <500 Mbps	40%
		< 400 Mbps	100%
	Latency	X	Nil
		X+5%	Amount equivalent to 2 days
		X+10%	Amount equivalent to 4 days
		X+15%	Amount equivalent to 7 days
		X+20%	Amount equivalent to 10 days
> X+20%		Amount equivalent to 30 days	
10	The response time for attending the faults will be 1 hour after they are reported to the service provider. The Service Provider will rectify the faults within 12 hours failing which; the vendor will arrange temporary replacements. The services shall be provided 24 X 7 X 365.		
11	Maximum Time to Repair (MTTR), Packet loss and Link failover will be calculated using MRTG portal hosted at GBPIET Pauri Garhwal or through ISP portal		
12	All the equipment including Router supplied by the service provider should be capable of handling up to 05 Gbps to allow for potential upgrades that may be required during the empanelment period. Further, the end of life of equipment as declared by the manufacturer of such equipment's should not be within the empanelment period.		
13	Redundant Path: Service provider need to ensure operational uplink on both path of Ring all the time. Random checking of Ring path will be scheduled with prior intimation to the Service Provider to evaluate the response time for attending the faults and both paths will be checked after that in case of failure / non-operational of any path in ring the link will be treated as down (for the purpose of uptime calculation though the Internet Service will be available to the Institute by any one of the paths) till the path is restored.		
14	All the responsibility / liability, repairs and maintenance of the equipment installed for providing the Internet Services will remain under control of the Service Provider during the concurrency of Service Contract.		

15	The Service Provider should provide Backup line in the form of another OFC cable and should provide sufficient backup of actual leased line through alternate route (Self-healing Optical fiber connectivity)	
16	Throughput: 100% non-blocking [symmetric] Uncompressed	
17	Leased line output interface should be on Optical Fiber.	
18	The Service Provider should ensure that the average round trip time for data packets will not exceed 30ms (milliseconds) between the Service Provider routers and GBPIET, Pauri Garhwal site or Edge Network, as measured over any continuous 15-minute period.	
19	It is suggested that the Service providers should visit GBPIET, Pauri Garhwal site to understand the requirement before quoting, to avoid any disputes later.	
20	The Service Provider will do preventive maintenance quarterly for upkeep of the Systems running.	
21	The insurance of the equipment utilized in this service will be borne by the service provider	
22	Any software and hardware required for establishing the purchased bandwidth will be provided by bidder to make leased line fully functional.	
23	The bidder should furnish a detailed network schematics diagram of total solution proposed showing connectivity from ISPs gateway Terminal Point to required locations of the GBPIET, Pauri Garhwal.	
24	The bidder should submit technical literature explaining the proposed implementation diagram with the technical bid.	
25	Support for all DNS related Services	
26	The ISP should provide the link (MRTG) Access through online portal must be provided by ISP to monitor the following features: <ul style="list-style-type: none"> i. Bandwidth (Hourly, Daily, Weekly, Monthly categorization). ii. Availability (Hourly, Daily, Weekly, Monthly categorization) iii. Summary of the above on one page. 	

(ON LETTER HEAD OF THE BIDDER)**DETAILS OF THE BIDDER
(To be filled by the Bidder)**

1)	Name & Address of the Agency / Firm / Company	
2)	Year of Establishment:	
3)	Registered Office Address	
4)	Nature of the firm (Proprietorship / Partnership / Private Limited or Cooperative body etc.)	
5)	Registration No of Firm (Attached relevant document)	
6)	Date of Firm / Agency / Company Registration/Incorporation.	
7)	GST Registration No. (Attached relevant document)	
8)	PAN No. (Attached relevant document)	
9)	Name & Address of the Authorized Person	
10)	Mobile No. of the Agency & the Authorized Person	
11)	E-mail address of the Agency & the Authorized Person	
12)	Name, Address and Contact Numbers of the Director(s)	
13)	Annual Turnover Details FY – 2020-21 FY – 2021-22 FY – 2022-23 Turnover of preceding three years	
14)	Bank Details of the Agency	
15)	Branch office in Uttarakhand address	

**Signature of the bidder or his authorized signatory
with Seal of the Agency**

Dated:

Signature of Bidder with Seal and Date

(ON LETTER HEAD OF THE BIDDER)**Year wise List of Similar Type Major Contracts completed in Last Three Years**

The list of existing Clients (Educational Institutions or Universities / Government Departments / PSUs) who have been supplied Internet Bandwidth of 1 Gbps or more in the last three years should be provided. Attach copy of JOB COMPLETION / RUNNING CERTIFICATE in support of every claim. Please attach a certificate of satisfactory performance from the concerned Govt. Departments/ PSU/ Statuary bodies/ Autonomous bodies/ Private Sector

Name of the organization	Category of Client	Duration of contract		Amount of contract
		From	To	

Please attach supporting documents regarding supply, installation & commissioning of Electronics / Electrical Workbenches.

Place & Date:

(ON LETTER HEAD OF THE BIDDER)

DECLARATION FORMAT

I, the undersigned, herewith declare that:

We have Permanent Office at Uttarakhand located at

_____ (Please enter the address of Uttarakhand Office).

Signature of the Bidder

Seal of the Agency

Date:

Format for Affidavit on Rs. 100/- Stamp Paper

I / We age residence of
..... hereby declare that
..... (Name of the Agency) has not been blacklisted by any
Government Department / Public Sector Undertaking / Bank / Central Autonomous Body or any other Government
Authority as on the last date of submission of this Bid.

(Name, Designation and Address of the Executants)
(Seal)

DEPONENT

Date:-

Place:-

VERIFICATION

I, the above named deponent(s) do hereby verify that the facts stated in the above Affidavit are true to the best of my
knowledge. No part of the same is false and no material has been concealed there from.

Verified aton this the .../.../.....

(Name, Designation and Address of the Executants)
(Seal)

DEPONENT

**Solemnly affirmed and signed before me by the deponent on this of 2023 at my office. (Judicial first
Class Magistrate / Notary Public / Oath Commissioner)**

(ON LETTER HEAD OF THE BIDDER)

CERTIFICATION

I, the undersigned, certify that, to the best of my knowledge and belief, the information submitted above is correct. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged as the service provider.

I have read the instructions contained in this Bid document carefully. I undertake to abide by the rules of the GBPIET, Pauri Garhwal as amended from time to time. I also undertake that in case of any dispute the decision of the Director, GBPIET, Pauri Garhwal will be final & binding on me.

I am ready to provide the separate new line with preferably different source operator other than the existing source operator available with GBPIET, Pauri Garhwal.

Date:

[Signature of Bidder or authorized representative of the staff]

Day/Month/Year

Full name of authorized representative:

गोविंद बल्लभ पंत अभियान्तिकी एवं प्रौद्योगिकी संस्थान, पौड़ी गढ़वाल

Govind Ballabh Pant Institute of Engineering & Technology

Pauri Garhwal, Uttarakhand-246194

PRICE BID

“1 Gbps Internet Leased Line (Optical Fiber Cable) (1:1 uncompressed and unshared)”

for

Govind Ballabh Pant Institute of Engineering & Technology

Ghurdauri, Pauri Garhwal, Uttarakhand-246194

FINANCIAL / PRICE BID

Bid No.: As per GeM Document

**“1 Gbps Internet Leased Line (Optical Fiber Cable)
(1:1 uncompressed and unshared)”**

Sr. No.	Particulars	Annual Price (In INR)
1	Annual Service Charges for providing, installing, commissioning and maintaining 1 Gbps Internet Leased Line (Optical Fiber Cable) (1:1 uncompressed and unshared) at for Govind Ballabh Pant Institute of Engineering & Technology, Ghurdauri, Pauri Garhwal, Uttarakhand-246194.	
2	Less, Educational Institute Discount	
3	Less, other discounts , if any	
4	Quoted Annual Service Charges (1-2-3) =	
5	Add, Good & Service Tax @ Applicable Rates (on 4) =	
6	Total Annual Service Charges in Figures (4+5) =	
Total Annual Service Charges in Words =		

Note:

1. The Annual Service Charges quoted by the Bidder shall be divided into four equal instalments to facilitate quarterly payment.
2. The Service Charges shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
3. In case of non-satisfactory performance, the Contract shall be liable to be terminated by the Institute at its sole discretion even before 12 Months by providing One Month Notice to this effect.
4. In case of a tie, the Bidder who has completed a greater number of similar works / contracts of Similar Services as per this Bid will be selected.
5. The separate new line with preferably different source operator other than the existing source operator should be implemented by the selected Bidder.

Signature of the bidder or his authorized signatory with
Seal of the Agency

Dated:

Signature of Bidder with Seal and Date