

REQUEST FOR EXPRESSION OF INTEREST

**Partnership for supporting Delhi Skill and Entrepreneurship University (DSEU) with
Network and IT infrastructure setup,**

Dated: 22.06.2021

Date of Submission of Response: 02.07.2021

Issued by

Delhi Skill and Entrepreneurship University,
Integrated DSEU Campuses of Technology Complex,
Sector 9, Dwarka, New Delhi-110077

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1. EOI Data Sheet

S. No	Details	
1	EOI ID	EOI/1(50)/DSEU/Estt/2021
2	Publishing date	22.06.2021
3	Name of the EOI Inviting Authority	Registrar, Delhi Skill and Entrepreneurship University, Integrated DSEU Campus of Technology Complex, Sector 9, Dwarka, New Delhi
4	EOI issued by	Delhi Skill and Entrepreneurship University (DSEU)
5	Availability of EOI	EOI can be downloaded from https://dseu.ac.in/tenders/
6	Nodal Officer for correspondence and Clarification	PS to Registrar, Delhi Skill and Entrepreneurship University, Integrated DSEU Campuses of Technology Complex, Sector 9, Dwarka, New Delhi. Email ps-registrar@dseu.ac.in Contact No: +91-9716055556
7	Mode and last date of submission of response to EOI	Response to EOI must be submitted via email only to ps-registrar@dseu.ac.in , not later than 02.07.2021
8	EOI Validity Period	30 days from the date of submission of EOIs

2. Context

The Government of the National Capital Territory of Delhi is deeply committed to improving the quality of higher education, in particular skill-based education, in Delhi. It has therefore set up the Delhi Skill & Entrepreneurship University (DSEU), which is envisioned as a world-class institution that provides quality education in applied sciences & skilling, has close market linkages, focuses on market readiness, promotes innovation and entrepreneurship, delivers lifelong learning opportunities to candidates, and provides a trained and employable human resource that can drive Delhi's and the nation's economic growth.

Network and IT infrastructure will play an important role in imparting seamless education to all the students of DSEU. Delhi Skill and Entrepreneurship University invites Expression of Interest reputed telecom and IT network and infrastructure providers for setting up the Network and IT infrastructure at all the 15 campuses which will be evaluated by the university.

3. The scope of work of the Partner

The partner shall have to present plan and its approach and methodology for setting up the Network and IT infrastructure in the **15 campuses of Delhi Skill and Entrepreneurship University**. The functions of the partner are as follows:

Functions:

- **Internet connectivity** – providing seamless wired and wireless internet connectivity and access to all the members of the university
- **Computer Hardware** – providing desktops and laptops based on general and specialized usage at all campuses
- **Computer Software** – providing basic and specialized software to be installed in all desktops and laptops at the university
- **Voice Connectivity** – connecting all the members of the university via mobile and intercom/landline voice network

Indicative Duties and responsibilities of the partner

- **Internet connectivity**

1. Conducting survey of each campus and designing the network architecture for each campus based on requirement of each
2. Initially, 2 GBPS connection will be required at each campus but should be scalable to at least 10 GBPS and can be increased based on the usage
3. The network solution should have provision for conversion into a MPLS network that could connect each campus to one another and a common data center
4. Providing bandwidth at each campus based on the usage and number of users. The network should be scalable to at least 50% of the current bandwidth requirement
5. Providing wireless internet coverage at locations within each campus and wired internet access at desired points at each campus
6. Deployment of required network hardware such as network switch, routers, wi-fi access points, LAN ports, battery banks, etc. The university will provide space for setting up the server room.
7. Deployment of all required LAN cabling and connecting them to LAN ports and wi-fi access points
8. Ensuring redundancy of network bandwidth at each campus such that there is no interruption in the internet connectivity

- **Computer Hardware**

Note: the university shall procure a total of ~8000 desktops/laptops from the below mentioned categories. The tentative break-up for basic devices and high-performance devices could be:

Basic desktops/laptops: 6000

High performance desktops/laptops: 2000

1. Supply and installation of basic desktops at various labs and office locations at each campus

Configuration:

- Processor: i5
- RAM: 4 GB
- ROM: 512 HDD
- Screen size: 14 inches
- Microsoft Windows 10

Usage:

- Running office suite applications
- Accessing email client
- Video conferencing

2. Supply and installation of high-performance desktops at various labs and office locations at each campus

Configuration:

- Processor: i7
- RAM: 8 GB
- ROM: 512 SSD
- Screen size: 14 inches
- Microsoft Windows 10

Usage:

- Running office suite applications
- Accessing email client

- Video conferencing
 - Running software such as photoshop, specialized data analytics software, etc. that require high performance
3. Supply and installation of basic laptops at various labs and office locations at each campus

Configuration:

- Processor: i5
- RAM: 4 GB
- ROM: 512 HDD
- Screen size: 14 inches
- Microsoft Windows 10

Usage:

- Running office suite applications
- Accessing email client
- Video conferencing

4. Supply and installation of high-performance laptops at various labs and office locations at each campus

Configuration:

- Processor: i7
- RAM: 8 GB
- ROM: 512 SSD
- Screen size: 14 inches
- Microsoft Windows 10

Usage:

- Running office suite applications
- Accessing email client
- Video conferencing
- Running software such as photoshop, specialized data analytics software, etc. that require high performance

● **Computer software**

1. Supply and commissioning of basic computer software on all desktops/laptops owned by the university:
 - Office suite
 - Email client
 - Video conferencing
2. Supply, customization, and commissioning of a Learning management system for the university with features such as:
 - Platform for conducting online classes for 250 concurrent users in a class
 - Class scheduling and calendar access for each user
 - To conduct online tests and assessments in a secure and seamless manner

● **Voice and data connectivity**

1. Providing SIMs to enable voice and data connectivity for all members of the university
2. Providing specialized voice and data plans for the university
3. Design and deployment of intercom/EPABX network at each campus
4. Deployment of landlines at desired locations at each campus with each campus to be connected with one another (no voice charge for within university calling)

Details of 15 DSEU campuses:

Assumptions:

- *Number of concurrent users considered are 70% of total number of users*

SN.	Name of the DSEU campus/Institution	Location	Number of users	Concurrent users
1	DSEU ROHINI CAMPUS (GNDIT)	Guru Nanak Dev Institute of Technology, Sector 15, Sector 15A, Rohini, Delhi, 110089	1,800	1,260
2	DSEU ASHOKVIHAR CAMPUS (ABIT)	Aryabhata Institute of Technology, Telephone exchange, GT Karnal Road, near Shaktinagar, Ashok Vihar, Bilaspur, Delhi 110033	2,000	1,400
3	DSEU PITAMPURA CAMPUS (KIT)	Kasturba Institute of Technology, Muni Maya Ram Jain Marg, Guru Govind Singh College, Pitam Pura, Delhi, 110088	1,000	700
4	DSEU PUSA ROAD CAMPUS (PIT)	Pusa Institute Of Technology, Pusa, New Delhi, Delhi 110012	3,000	2,100
5	DSEU JHANDEWALAN CAMPUS (WCSC JHANDEWALAN)	Wcsc (world class skill centre) Jhandewalan, Block E, Jhandewalan Extension, Jhandewalan, New Delhi, Delhi 110005	300	210
6	DSEU DWARKA CAMPUS ((IIT)	Integrated Institute of Technology Complex, Sector 9, Dwarka, New Delhi-110077	2,000	1,400
7	DSEU RAJOKARI CAMPUS (RIT)	Rajokari Institute of Technology, Govt, Golden Gate, Rajokri, New Delhi, Delhi 110038	800	560
8	DSEU SIRIFORT CAMPUS	Near Jija Bai ITI for women, August Kranti Marg, Siri Fort Institutional Area, Siri Fort, New Delhi, Delhi 110049	600	420
9	DSEU SHAKARPUR CAMPUS (AIT / BPIBS)	Bhai Parmanand Institute of Business Studies/ Ambedkar Institute of technology, Opp. Madhuban Colony, Near Nirman Vihar Metro Station, Shakarpur, New Delhi, Delhi 110092	1,800	1,260
10	DSEU MAHARANIBAGH CAMPUS (MBIT)	Meerabai Institute of Technology , Eastern Avenue Road Kalindi Colony, Maharani Bagh, New Delhi, Delhi 110065	1,200	840
11	DSEU OKHLA CAMPUS 1 (GBPIT)	G B Pant Institute of Technology, Okhla Phase 3 Rd, Okhla Phase III, Okhla Industrial Area, New Delhi, Delhi 110020	3,000	2,100
12	DSEU OKHLA CAMPUS 2 (DITE OKHLA)	DELHI INSTITUTE OF TOOL ENGINEERING, Block A, Okhla Phase II, Okhla Industrial Area, New Delhi, Delhi 110020	1,200	840

13	DSEU VIVEKVIHAR CAMPUS (WCSC VIVEK VIAHR)	World Class Skill Centre, ITI Campus, Vivek Vihar, New Delhi, Delhi 110095	800	560
14	DSEU WAZIRPUR CAMPUS 1 (DITE WAZIRPUR)	DITE @ Okhla - Campus II. Wazirpur Industrial Area, Delhi-110052	800	560
15	DSEU WAZIRPUR CAMPUS 2 (WCSC WAZIRPUR)	WCSC-Wazirpur, near by Marina dreams, Block B, Wazirpur Industrial Area, Ashok Vihar, Delhi, 110052	300	210
		Total	20,600	14,420

Proposed documents for submission for EOI and mode of future engagement

The purpose of this Request for EOI is to understand deeply which are the organizations that have the prior expertise as well as the future desire and bandwidth to support DSEU with its telecom and IT infrastructure requirement. The EOI is not a selection process in itself but an exercise to understand the approach and methodologies suggested by different agencies. Interested agencies are therefore requested to make a short submission on the following dimensions:

1. A brief background of the organization – including year of incorporation, legal entity status, leadership team, size of the organizations and number of years of existence, etc.
2. A proposed detailed approach and methodology on how the partner will work with DSEU on IT and telecom infrastructure deployment.
3. Prior experience in having worked in such partnerships if any
4. A broad framework/guidance for the financial implications of this partnership for DSEU. The warranty period and the annual maintenance charges for all items that would be provided as a part of the solution should be mentioned in the financial implications.
5. Deployment timelines of each function
6. Partner should provide separate solutions and financial implications for each function. Partner can choose to provide the functions they want to work on i.e. it is not mandatory to provide solutions for each function, partner can choose to provide solutions for 1, 2, 3, or 4 functions based on its core competencies.
7. Any other critical inputs that the partner believes are important for DSEU

It is suggested that the interested agencies visit the DSEU campuses to understand the location and layout to best develop the approach and methodology deployment plan. In case you wish to do so, you may write to us at: ps-registrar@dseu.ac.in or contact on Mr. Ashwani Kumar at +91-9716055556.

It is requested that the submission be limited to a maximum of 20 pages. Organizations will be called for in-depth presentations and discussions with the DSEU leadership subsequently.