

PUNJABI UNIVERSITY PATIALA
(ESTABLISHED UNDER ACT No. 35 OF 1961)
(Examination Branch)

No. 2788 /COE

Dated 28/08/2020

Subject:- GeM bidding for Web Space.

The Examination Branch of Punjabi University, Patiala is interested in purchasing web space for its three different applications by floating bid on GeM through bidding for the following two items:-

1. Websapce for Applications that will run in windows based environment.
2. Websapce for Application that will run in Linux based environment.

Through this notice we invite all interested parties to participate in GeM bidding process. The detailed specifications for both windows/Linux based managed cloud server and web hosting are attached herewith for your kind information.


Controller (Examinations)

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Server type A and type B (Required 2 quotations, one for type A and another for Type B) item based rate will be taken and one or more vendors can be allotted for different servers.

We are looking for both Windows/ Linux based Managed Cloud Server and Web Hosting with following features:

Window based Managed VPS server Type: A

S.No.	Specifications	
1.	Subscription :	For 2 Years from date of purchase
	For Application 1	Managed WISA Server
	For Application 2	Managed WAMP Server
2.	Hosting Type	Cloud Hosting
3.	Operating System :	
	For Application 1 and 2	MS Windows Server Standard 2016 (or higher)
4.	Database Application	
	For Application 1	Microsoft SQL Server Web Edition (2016 or higher)
	For Application 2	MySQL 5.5 or higher
5.	Framework :	
	For Application 1	ASP.Net 4.0 or higher
	For Application 2	PHP 5.5 + 7.3 Supported or higher
6.	Processor	Latest Intel Xeon E5 Processor
	For Application 1 and 2	12 Core
7.	RAM (Latest Server RAM DDR4 or higher) :	
	For Application 1 and 2	72 GB
8.	Storage	SSD (Raid 1)
	For Application 1 and 2	1250 GB
9.	Bandwidth*	
	For Application 1 and 2	40 MBPS monthly average (95 percentile)
11.	Threat protection (Anti-Virus/Anti-Spam/ Anti Malware etc)	Yes for both application
12.	Domains & Sub-domains	
	For Application 1 and 2	Migration (from previous server) of pupexamination.ac.in with SSL
13.	SSL Certificate with TLS 1.2	
	For Application 1 and 2	Wildcard for pupexamination.ac.in
14.	FTP Access	Unlimited for both Applications
15.	Dedicated IP	Yes – (Min 1 each)for both Applications
16.	Server Uptime	99.9% or more for both Applications
17.	Tasks on Applications	
	For Application 1	Online Examination Form Services like All online Examination Forms, Internal Assessment Portal, Table-Marking Portal, College/Department/Student Dashboards, Examination Registration Portal, Examination Sets Portal etc.
	For Application 2	Post Examination Services like Transcripts, Documents Verification, Duplicate Degree/DMC's, Migration Certificate, RL Lower, Re-evaluation Form, Medium Equivalence Certificate and Confidential Result etc.
18.	Support	Yes for all above both Applications
	Detailed Access Statistics Using The	Yes

Sophisticated Stats/Report Platform	
Real time monitoring of performance parameters (bandwidth/hardware/utilization/Simultaneous connections etc)	Yes (Including Statistics/Graphs for Bandwidth, CPU, RAM usage etc).
Supports Server Management	24 * 7
Telephonic, E-mail, Human and Web Based Online support	24 * 7
Problem Resolving Time	< 2 Hours
Hosted Websites should smoothly support the following requirements :	
Online form submission (text and picture)	3 Lakhs+ candidates (approx.)
Report generation, excel uploads/downloads, CMS for application management	Yes
Basic data manipulation using SQL server (sorting, searching, editing etc.)	10 Lakh+ Records
Simultaneous User Connections	CPU/Windows/Web server/Database Defaults
Bulk uploads and Downloads	Excel downloads and uploads by 350+ departments (text data)
*The average bandwidth usage would remain under 20 MBPS, reaching as low as 5 MBPS for few months. However, in exceptionally busy events such as form filling, upto 30 MBPS Bandwidth would be provided without any extra charge, in lieu of lesser bandwidth usage in dormant months.	

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Linux based managed server Type: B

S.No.	Specifications	Make/Model
1.	Subscription :	Managed Server for 2 Years
2.	Hosting Type	Cloud Hosting
3.	Operating System :	Centos 8
4.	Database Application	
	Framework :	Mysql, PHP, Mongo (Latest Versions)
5.	Processor	10 core Intel Xeon E5
	RAM (Latest Server RAM DDR4 or higher) :	32 GB
	Storage	(256 GB) SSD
	Bandwidth*	20 MBPS monthly average (95 percentile)
6.	Threat protection (Ddos/Anti-Spam/ Anti Malware etc)	Yes
7.	Domains & Sub-domains	Yes
8.	SSL Certificate	Yes
9.	FTP Access	Yes
10.	Dedicated IP	One
11.	Server Uptime	99.9% or more
12.	Support	
13.	Supports Server Management	24 * 7
14.	Telephonic, E-mail, Human and Web Based Online support	24 * 7
	Problem Resolving Time	< 2 Hours
	Tasks on Applications	Result Uploading Services like Results, Date Sheet Theory and Practical, Merits, News, Gazette and Cultist etc.

Terms and conditions:

1. Prices must be inclusive of all Taxes and Levis (all-inclusive) in INR
2. The services will be subscribed for two years.
3. The payment will be released on a semi-annual basis in equal instalments at the start of each Half.
4. 24X7 Telephonic, e-mail, human and web based online support.
5. 99.9% Uptime
6. Problem Resolving Time < 2 Hours
7. Backup Facility by WSP (Data Centre Disaster Recovery)
8. Antispam/ Antivirus
9. Migration support of existing databases and Applications to new Server