Request for Proposal for
Selection of Service Provider for
Designing, Development, Implementation, Training,
Hand Holding and Support & Maintenance of
Web portal
for
Campus Management End to End Solution for
GSFC University

Tender No. SW03122018176

Bid processing fees : Rs. 1,000/- (Non-Refundable)

EMD: Rs.10,00,000/- (Refundable)

(Original self-declaration Affidavit shall be submitted along with EMD & Bid processing fees physically at GIL)

Gujarat Informatics Ltd
Block no. 2, 2nd floor, Karmayogy Bhawan,
Sector-10A, Gandhinagar-382010, Gujarat
Ph No. 23259237 Fax: 23238925.
www.gil.gujarat.gov.in

Last date of submission of pre-bid queries	:	07/12/2018 up to 1500 hrs
Date of pre-bid meeting	:	12/12/2018 up to 1500 hrs
Last date for submission of Bids (online)	:	26/12/2018 up to 1500 hrs
Date of opening of bids	:	26/12/2018 up to 1600 hrs

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About GSFC University

GSFC University is recognized under the Gujarat Private University (Second Amendment) Act, 2014 and is established by the GSFC Education Society - an initiative of Gujarat State Fertilizers and Chemicals Ltd, six decades old industrial giant, to continue the tradition of serving the community in multiple ways. The vision behind establishing this distinct University is societal development through relevant and cutting edge knowledge in frontier areas of professional growth.

Our educational abode dwells on the philosophy of **"Buddhi Gyanen Shudhayanti".** It means purification of mind and intellect through knowledge is vital to human life. It strengthens the path of success towards perfection.

The GSFC University will initiate a fundamental change in the way to academic institutions are established. Our purpose is to train and develop human capital to make them industry ready and employed, as opposed to simply awarding degrees. We will continually measure our efforts and make changes as needed, to create thinking individuals, equipped to meet and exceed the ever-changing demands of the today's marketplace.

The university offers students a platform and tools to develop skills needed for their professional success. Courses are firmly anchored in their hands-on, practice-based approach. They aim to equip students with practical experience and knowledge, preparing them to meaningfully engage with their future employers.

The Governing Body of GSFC University comprises industrialists; educationists; management, finance and legal experts; and representative from social sector. Further, GSFC being one of the top state-of-owned company with over 50 years of legacy means that it is in tune with the latest trends and opportunities across various disciplines.

SECTION I: INVITATION FOR BIDS

Competitive Bidding for Selection of Agency for Design, Development, Implementation, and Maintenance of Campus Management End to End Solution for GSFC University.

1. Request for Proposal for *"Selection of Service Provider for Designing, Development, Implementation, Training, Hand Holding and Support & Maintenance for Campus Management End to End Solution for GSFC University"* for the **period of three years of support & maintenance including update/upgrade after Go-live**.
   - The project will mainly include the End to End solution of Campus Management; End to end campus management solution means development of University Website to showcase University with a vibrant dimension and also to develop Web portal which allow Single Sign-on for all the stakeholders to access various interlinked modules to cater different services like generation of various MIS reports, central repository of University, financial management, procurement, admission, examination, HR and Payroll, Purchase & Inventory, Hostel Management, Transportation, Faculty and Student Module, Timetable, Event Calendar, Announcement, Placement and Training and decision making pertaining to concern departments etc.

2. The bidder shall be responsible for providing all types of applications/services, as mentioned in Tender document & Scope of Work, as a part of this project.

3. Please note that this bid document is not for actual award of contract / work order but to call the rates as per the financial bid for Designing, Development, Implementation, Training, Hand Holding and Support & Maintenance for Campus Management End to End Solution for GSFC University.

4. Actual award of contract will follow the conditions as per this document. This document is given for enabling the bidders to know the tender conditions so as to guide them in filling up the technical bid and the quoting rates for development and maintenance of proposed Campus Management end to end solution.

SECTION II: GENERAL TERMS AND CONDITION, ELIGIBILITY CRITERIA AND PREPARATION OF BIDS

1. **General Terms and Conditions and Instruction to Bidders:**

1. All bids must be submitted online on https://gil.nprocure.com website. No physical bid will be accepted.
2. EMD shall be submitted in the form of Demand Draft OR in the form of an unconditional Bank Guarantee (which should be valid for 9 months from the last date of bid submission) of All Nationalized Bank including the public sector bank or Private Sector Banks or banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2016/328/DMO dated 01.05.2017 issued by Finance Department or further instruction issued by Finance department time to time in the name of "Gujarat Informatics Ltd." payable at Gandhinagar (as per prescribed format given at as per prescribed format given at Annexure 5) and must be submitted along with the covering letter.
3. Bidder shall submit the **Affidavit -Self Declaration** physically at GIL in Original on Non-Judicial stamp paper of Rs. 100/- duly attested by **Magistrate / Notary** with EMD & Bid processing fees. (as per prescribed format).
4. This RFP document is not transferable.
5. Pre-qualification / Eligibility details & Technical Bids will be opened in the presence of Bidder's or their representatives who attend on the specified date and time.
6. The bidder, who intends to participate in this bid, is required to follow the below mentioned stages:
   - Pre-Bid Conference
   - Technical & Financial Bid Submission
   - Opening of Technical Bid
   - Technical Presentation for eligible bidders
   - Opening of Financial bids of all qualified bidders.
7. Minimum absolute technical score to qualify for **commercial/financial evaluation is 60**.
8. The bidder achieving the highest combined technical and financial score will be invited for negotiations and awarded contract.
9. "Applicable Law" means the laws and any other instruments having force of law in India as they may be issued force and in force from time to time.
10. "Proposals" means proposals submitted by bidders in response to the RFP issued by GSFC University for selection of firm/company.
11. "Tendering authority" means Gujarat Informatics Ltd, Gandhinagar.
12. "Competent Authority" means the **Director (Administration) & Registrar**, GSFC University, Vadodara.

Following are the list of important information and dates:

Sr.	Information	Details
1.	Last date for submission of written queries for clarifications by email on vipulp@gujarat.gov.in	**07.12.2018 upto 1500 hrs.**
2.	Date and time for Pre-bid conference	**12.12.2018 at 1500 hrs**
3.	Last date and time for submission of EMD & Bid Processing fees in GIL (physically) along with affidavit in original as format given	**26.12.2018 upto 1500 hrs.**
4.	Last date and time for submission of eligibility & technical bids (online) and Financial bid online	**26.12.2018 upto 1500 hrs.**
5.	Date and time for opening of Bids	**26.12.2018 at 1600 hrs.**
6.	Place for submission of EMD & bid processing fee, EMD, pre-bid meeting and opening of Bids	Conference Room, Gujarat Informatics Ltd. Block No. 2, 2nd floor, Karmayogy Bhawan, Sector-10 A, Gandhinagar
7.	Place, date and time for technical Presentation	The place, date and time for technical presentation will be given to the eligible bidders later on.
8.	Address for communication	DGM(App), Gujarat Informatics Ltd. Block No. 2, 2nd floor, Karmayogy Bhawan, Sector-10 A, Gandhinagar E-mail: nitintatu@gujarat.gov.in ; vipulp@gujarat.gov.in Phone: 91-79-23256022, 59237 Fax: 91-79-23238925
9.	Place, date and time for opening of financial/commercial bids	The place, date and time for opening of financial/commercial proposal will be given to the technically qualified bidders later on.
10.	Bid validity	180 days

2. **Eligibility Criteria for Bidders:**

The firm/company meeting the following eligibility criteria will be considered for Technical Bid evaluation:

Sr.	Eligibility Criteria	Documents Required
1	The company should be registered under Companies Registration act 1956 (& subsequent relevant amendments) OR Limited Liability Partnership Firm under Limited Liability Partnership Firm Act 2008 OR Proprietorship firm AND The company must be operational since last three years, as on date of Bid published.	Copy of Certificate of Incorporation / Copy of partnership deed as applicable.
2	The bidder must have turnover of at least Rs. 2 Cr for each of the last three financial years or cumulative of Rs. 6 Cr in last three years (2015-16, 2016-17, 2017-18 as on 31st March 2018) from Software/IT product Development and Software Support service activities. It should not include Hardware & Third-party software license procurement projects.	Audited Financial Balance sheet and Profit & Loss statement of last three years as on 31-03-2018 CA Certificate from the Statutory auditor mentioning turnover from Software/IT product Development and Software Support service activities. It should not include Hardware & Third party software license procurement projects AND Income Tax returns for F.Y. 2015-16, 2016-17, 2017-18), along with copy of company PAN Card.
4	The Bidder should have the valid GST registration No.	Copy of GST registration no.
5	Bidder should have completed/ongoing, at least three ICT projects of Campus Management End to end solution in University / Education sector (Excluding Hardware and Manpower) each of value more than 50 lacs till the date of submission of the bids.	Completion Certificates from the client + Work Order
6	**Blacklisting:** Bidders or any other Firm/Company, who is service provider in this project, should not be under a declaration of ineligibility for corrupt and fraudulent practices issued by Government of Gujarat and / or black-listed by Gujarat state Government departments.	Anti-Blacklisting should be submitted as per format attached **Annexure -7 on letter head**
7	**Consortium/ Sub-contracting:** No Consortium / Sub-contracting allowed	Self-certification should be submitted on letter head

3. Preparation of Bids

The Bidder shall bear all the costs associated with the preparation and submission of its bid, and GIL/GSFC University will in no case be responsible or liable for these costs, regardless of conduct or outcome of bidding process.

a. BIDDING THE DOCUMENTS

1 Contents of Bidding Documents

1.1 The bid must be submitted online only.

1.2 The Bidder is expected to examine all instructions, forms, terms and specifications in the bidding documents. Failure to furnish all information required by the bidding documents in format or submission of a bid not substantially responsive to the biding documents in every respect will be at the Bidder's risk and may result in rejection of its bid.

2 Amendment of Bidding Documents

2.1 In order to allow prospective bidders reasonable time to consider the amendments while preparing their bids, GIL/GSFC University at its discretion, may extend the deadline for the submission of bids.

b. PREPARATION OF BIDS

1. The Technical Bid and Financial Bid must be submitted online on https://gil.nprocure.com as per given format.
2. The Bidder shall complete the Technical Bid and a Financial Bid furnished with this document giving details as per the format mentioned.
3. The bid documents and addendums (if any) together shall be considered as final.

1. Bid Prices:

1.1 The Bidder shall indicate the prices in the format mentioned in Financial Bid.

1.2 Following points need to be considered while indicating prices:

a. The prices quoted should also include, inland transportation, insurance and other local costs incidental to delivery of the goods and services to their final destination within the state of Gujarat.

b. The rates of any Indian duties, GST or other taxes which will be payable by the Client on the goods(if any) if this contract is awarded, should be quoted separately.

c. The taxes are extra as applicable at the time of invoicing.

d. Invoicing shall be from Gujarat only.

1.3 Responsibility of the Bidder for implementation of solution:

a. Successful bidder shall host Campus Management End to End Solution at Gujarat State Data Center [GSDC] or Secured Private Cloud suggested by bidder till University stats its own Data Center, then after University may migrate End to End

solution to its own data center after getting Security Audit Certificate. The bidder should quote for migration cost towards this. The bidder shall also specify the target IT infrastructure required to run the solution from University data center, as per Annexure 8

b. The bidder shall design the solution keeping in mind the maximum use of open source and free to use software and platform.

c. The Intellectual Property Right - IPR of the COTS [Commercial Of The Self, i.e stock vanilla version / module] portion of the solution shall lie with the bidder; only the IPR of customized modules as per need of University will rest with the GSFC University. The same would be applicable to copyrights. The service provider shall sign any/all the documents in his regard and hand over the source code, Meta data details etc. to GSFC University before release of final payment on completion of training and implementation of solution.

1.4   Responsibility of GSFC University for implementation of solution:

a. GSFC University shall provide / procure the necessary IT infrastructure as stated in Annexure 8 at the time of migration.

2. **Bid security/Earnest Money Deposit:**

3. EMD shall be submitted in the form of Demand Draft OR in the form of an unconditional Bank Guarantee (which should be valid for 9 months from the last date of bid submission) of All Nationalized Bank including the public sector bank or Private Sector Banks or banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. no. EMD/10/2016/328/DMO dated 01.05.2017 issued by Finance Department or further instruction issued by Finance department time to time in the name of "Gujarat Informatics Ltd." payable at Gandhinagar (as per prescribed format given at as per prescribed format given at Annexure) and must be submitted along with the covering letter. The sealed cover should super scribe as **"Bid for Selection of Service Provider for Designing, Development, Implementation, Training, Hand Holding and Support & Maintenance for Campus Management End to End Solution for GSFC University"**

3.1 Bidders shall submit the affidavit physically to GSFC University IN ORIGINAL on Non-Judicial Stamp Paper of Rs. 100/- duly attested by Magistrate/ Notary with and EMD. (as per prescribed format given at Annexure 6).

3.2 Proposals not accompanied by EMD shall be rejected as non-responsive.

3.3 The successful bidder's bid security will be discharged from GIL only after the signing of the contract and submission of performance security.

3.4 Unsuccessful bidder's EMD will be discharged / refunded as promptly as possible, but not later than 30 days of the validity period of the bid.

3.5 No exemption for submitting the EMD will be given to any agency.

3.6 The EARNEST MONEY DEPOSIT shall be forfeited:

a. If a Bidder withdraws its bid during the period of Bid validity specified by the Bidder on the Bid Form.

b. Or in case of a successful Bidder, if the Bidder fails to sign the Contract; or to furnish the performance security.

4. Clarification on RFP

4.1 A prospective Bidder requiring any clarification on his queries submitted on the date indicated under this document. GIL will respond to any request for the clarification of any bidding documents, which receives before date mentioned for submission of queries.

4.2 The queries should necessarily be submitted in the following format:

S. No.	RFP Document Reference(s) (Clause& Page Number(s)	Content of RFP requiring Clarification	Points of clarification
1.			
2.			

c. SUBMISSION OF BIDS

1. All bids must be submitted mandatorily online as per the formats mentioned in bid document.
2. Bids must be submitted on time, no bids will be accepted after the date and time mentioned in the [Section-II].

1. Modification and Withdrawal of Bids:

1. The Bidder's modification or withdrawal notice shall be prepared, sealed, marked and dispatched in hardcopy.
2. No bid may be modified subsequent to the deadline for submission of bids.
3. No bid may be withdrawal after deadline for submission of bids and the expiration of the period of the bid validity specified by the Bidder on the Bid Form. Withdrawal of a bid during this interval may result in the Bidder's forfeiture of its bid security, pursuant to Section –II, Part B, Clause 2.7.

d. BID OPENING AND EVALUATION OF BIDS

1. **Bid opening at GIL**

1.1 GIL will open the Preliminary stage of DD of EMD in the presence of Bidder or his representative who choose to attend, and at GIL, Gandhinagar.

1.2 The Bidder's representative who is present shall sign an attendance register evidencing their attendance.

1.3 Bids that are not opened and read out at bid opening shall not be considered for further evaluation, irrespective of the circumstances.

2. **Primary Evaluation of Bids:**

2.1 GIL/GSFC UNIVERSITY will examine the bids to determine whether they are complete, whether any computational errors have been made, whether sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.

2.2 If a Bid is not substantially responsive, it will be rejected by GIL/GSFC UNIVERSITY, VADODARA and may not subsequently be made responsive by the Bidder by correction of the non-conformity.

2.3 Conditional bids are liable to be rejected.

3. **Technical and Commercial bid evaluation criteria:**

3.1 GSFC UNIVERSITY, VADODARA will form a Committee which will evaluate the Presentation Criteria based on technical presentation presented by bidders for a detailed scrutiny.

3.2 The bidders are expected to provide all the required supporting documents & compliances as mentioned in this RFP. Any deviation from the same will lead to the disqualification.

3.3 Technical Evaluation criteria:

Sr. No	Particulars	Points System	Max Marks
1	No. of years since the bidder is engaged in IT projects / solutions business, (as on 31.03.2018)	3 to <5 years = 06 Marks 5 to <7 years =08 Marks >=7 years = 10 Marks	10
2	Quality Certifications	ISO 9001:2008 or latest for software development =3 Marks CMMI 3 or above = 5 Marks	05
3	Average Turnover of company for last 3 years as on 31st March 2018 (i.e. FY 2015-16, 2016-17, 2017-18). It should not include cost of Hardware procurement & Third party software license procurements.	2 Cr to < 2.50 Cr = 05 Marks 2. 50 Cr to < 3.0 Cr = 07 Marks >= 3 Cr = 10 Marks	10
4	Number of "Similar" web portal for Campus Management Solution projects completed / ongoing (Excluding Hardware procurement cost & Third party software license procurements)	3 -4 projects = 5 Marks 5 -6 projects = 10 Marks >6 projects = 15 Marks	15
5	Experience in Development of web portal other than Campus Management	2-4 projects = 3 Marks 5 -6 projects = 5 Marks >6 projects = 10 Marks	10
7	**Technical Presentation**	Committee will evaluate the Presentation on understanding, approach and methodology.	**20**
		Total	70 Marks
		Cut Off Marks	42 Marks

3.4 Presentation Evaluation Criteria:

The bidder will have to give Technical Presentation on the following points as a part of the Technical evaluation of total 20 marks.

Sr. No.	Parameters	Max. Marks
1.	Level of understanding of enter project	3
2.	Approach and methodology	3
3.	Project Plan and strategy for customization and implementation of project	2
4.	Risk and Mitigation Plan for implementation and maintenance of the solution for the entire contract period	3
5.	Demonstration of the prototype and its suitability to the requirement of University as mention in Section III, clause C	3
6.	Aesthetics, Color scheme and device compatibility	3
7.	User friendliness and ease of navigate	3
	Total Marks	20

Note:

- Minimum 60% marks out of 70 marks required to qualify for the financial bid opening.
- 60% weightage of technical score and 40% weightage of financial score will be considered for the final evaluation.
- After presentation, each bidder will have to submit the copy of the presentation and necessary documents to the authorized person of GIL/GSFC UNIVERSITY, VADODARA without fail.

3.5 Evaluation of Bids

The bids will be evaluated on a **Quality and Cost Based Selection [QCBS]** basis. The proposals will be ranked according to their combined technical and financial scores using weights

3.5.1 Technical Bid Evaluation:

The technical score of a bidder 'Tb' will be assigned to the bidder & it will be awarded based on the Technical Evaluation Criteria as specified above. GSFC University decision in this regard shall be final & binding and no further discussion will be held with the bidders whose bids are technically disqualified / rejected. Bidders with technical score of 60 and above will qualify for the evaluation in the commercial bids. The total technical scores achieved by the bidders shall be shared with the bidders & under any circumstances the breakup of the technical score shall not be shared with the bidders.

- **Tb:** Absolute Technical Score
- **Tmax:** Maximum Technical Score
- **Tn:** Normalized technical score of the bidder under Consideration

Normalized technical score (Tn) = Tb/Tmax * 100

3.5.2 Financial Bid evaluation:

The financial bids of only those bidders, who have scored at least 60 marks in the technical evaluation process, will be opened. The Financial Bids will be opened, in the presence of Bidders' representatives who choose to attend the Financial Bid opening on date and time to be communicated to all the technically qualified Bidders. The Bidder's representatives who are present shall sign a register evidencing their attendance. The name of bidder & bid prices will be announced at the meeting. The financial score of a bidder 'Fb' will be assigned to the bidder. 'Fb' will be the total financial quote made by the bidder (excluding the Optional Services quotes sought in the financial bid)

- **Fn** = normalized financial score for the bidder under consideration
- **Fb** = commercial quote for the bidder under consideration
- **Fmin** = commercial quote of the lowest evaluated financial proposal

The lowest evaluated Financial Proposal (Fmin) will be given the maximum financial score (Fn) of 100 points. The financial scores (Fn) of the other Financial Proposals will be calculated as per the formula for determining the financial scores given below:

Normalized Financial Score (Fn) = 100 x Fmin / Fb

3.5.3 Final Evaluation of Bid

Proposals will be ranked according to their combined technical (Tb) and financial (Fn) scores using the weights (**T = 0.60** the weight given to the Technical bid and **P = 0.40** the weight given to the Financial Proposal; T + P = 1). The final evaluation will be based on Final Score which shall be calculated as shown below:

Final Score (S) = Tn x T + Fn x P

The bidder achieving the highest combined technical and financial score will be invited for negotiations for awarding the contract. In case of a tie where two or more bidders achieve the same highest combined technical and financial score, the bidder with the higher normalized technical score will be invited first for negotiations for awarding the contract.

e. Award of Contract
   1. GSFC University will award the contract to the successful bidder decided as per the evaluation procedure mentioned above.
   2. GSFC University reserves the right to award the contract to the Bidder whose bid may not have been determined as the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily.
   3. On acceptance of Proposal for awarding the contract, GSFC UNIVERSITY will notify the successful bidders in writing that their proposal has been accepted and Contract

Agreement will be signed. After signing of the Contract Agreement, no variation in or modification of the term of the Contract shall be made except by written amendment signed by all the parties. Within 15 days of receipt of the Contract Form, the successful bidder shall sign and date the contract and return it to GSFC UNIVERSITY.

4. Contract period:

4.1 Total 3 months to complete the Design, development, installation, testing and commissioning as well as 2 months of handholding and subsequent 3 Years Support & Maintenance, beyond which it can be extended on mutually agreeable terms and under the same pro-rata prices as quoted by the Firm/Company under this tender.

4.2 Project Timeline and Payment Terms:

The bidder has to adhere to the following milestones and timelines for complete project deliverables.

Sr.	Milestone	Timelines T = Date of work order (Days)	Percentage Payable
Cost of line item 1 and 2 of the financial bid			
1.	After conceptualization of whole Campus management solution and preparing Software Requirement Specification [SRS] & Functional Requirement Specification [SRS] document	T + 10	20%
2.	Successful installation and commissioning of End to end Solution.	T + 60	40%
3.	User acceptance testing [UAT] and submission of test reports.	T + 70	10%
4.	Submission of Systems manual and user's manual (operational manual) in two Sets and completion of training activity	T + 80	10%
5.	Security Audit and Go Live of complete solution.	T + 90	10%
6.	Handholding & bug fixing and Handing over of all source code, meta data, licenses certification etc. to the organization.	T + 150	10%
Cost of line item 3 of financial bid			
7.	Operation and Maintenance support for three years from the date of Go-live	Quarterly in equal installment	
Cost of line item 4 of financial bid			
8.	Cost of AMC/ATS of Base software, in case of COTS	Annually after successful renewal of ATS/AMC	

Note:
- No advance payment will be made.
- Taxes are extra as applicable.
- On achieving the milestone as mentioned above the payment due to the vendor after deducting penalties shall be made by GSFC University.

5. **Service Level Agreement [SLA] and Penalty Clause:**

The purpose of this Service Level Agreement is to clearly define the levels of service which shall be provided by the Service Provider to GSFC University for the duration of the contract for providing End to End solution, Training, Support & Maintenance against the stated scope of work. GSFC University shall regularly review the performance of the services being provided by the Service Provider and the effectiveness of this SLA.

5.1 SLA categories:

The Service Providers shall ensure provisioning of all required services while monitoring the performance of the same to effectively comply with the performance levels. The services provided by the Service Provider shall be reviewed by GSFC University against this SLA

The Service Provider shall:

- Discuss escalated problems, new issues and matters still outstanding for resolution.
- Review of statistics related to rectification of outstanding faults and agreed changes.
- Obtain suggestions for changes to improve the service levels.

5.2 Service level penalties related to Implementation:

These SLA's shall be strictly imposed and a software audit/certification shall be carried out at the sole discretion of GSFC University for certifying the performance on regular basis of the solution/application against the target performance metrics as outlined below:

- In case of delay in successful completion of Development of End to End solution, a penalty of 0.5% of contract value per week would be levied up to maximum of 10% of order value. The organization may decide to cancel the contract including forfeiture of performance security in case the delay is more than three months.
- In case of delay in successful Testing & UAT of End to End Solution, a penalty of 0.5% of contract value per week would be levied up to maximum of 10% of order value.
- In case of delay in Product training & handholding support of solution, a penalty of 0.5% of contract value per week would be levied up to maximum of 10% of order value.
- In case of delay in Implementation & Go-Live, a penalty of 0.5% of contract value per week would be levied up to maximum of 10% of order value.

Note:

- The bidder has to adhere the individual milestones as mention above, the cumulative penalty will be levied for the delayed weeks, at sole discretion of GSFC University. If delay exceeds maximum delay weeks at particular milestone,

the organization may decide to cancel the contract including forfeiture of performance security in case of inordinate delay.

- The SLA applicable after the implementation shall be purely measured on the availability of the services at portal.

5.3 Operational Related Penalty

For Software Uptime

Sl. No	Measurement	Target	Penalty
1	**Product Availability** Downtime required for maintenance, new initiatives undertaken by SI or for Performance enhancement measures shall not be considered while calculating product availability. All major maintenance shall be carried out in a planned manner after announcing it across the platform. Any planned shutdown will be done only between 11 :00 pm and 5:00 am.	>= 99%	INR 10,000 for every 10 hours of downtime at a stretch or in parts on a quarterly basis. And INR 800 for every subsequent hour of downtime at a stretch or in parts for total down time more than 10 hours on a quarterly basis.

6. **Termination for Default or Otherwise**

GSFC UNIVERSITY may, without prejudice to any other remedy for breach of contract, may terminate the contract in whole or part by writing a notice as default to the bidder:

1. If the Developer fails to perform any or all of the design, development works within the period(s)/schedule specified in the Contract,
2. If the Developer fails to perform as per the performance standards.
3. If the Developer, in the judgment of GSFC UNIVERSITY has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

7. **Corrupt or Fraudulent Practices:**

7.1 GSFC UNIVERSITY, VADODARA requires that the bidders under this tender observe the highest standards of ethics during the execution of such contracts. In pursuance of this policy, GSFC UNIVERSITY, VADODARA defines for the purposes of this provision, the terms set forth as follows:

A. **"Corrupt practice"** means the offering, giving, receiving or soliciting of anything of value to influence the action of the GSFC UNIVERSITY, VADODARA official in the selection process or in contract execution; and
B. **"Fraudulent practice"** means a misrepresentation of facts in order to influence a selection process or an execution of a contract to the detriment of GSFC UNIVERSITY, VADODARA, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive GSFC UNIVERSITY, VADODARA of the benefits of the free and open competition.

7.2 During evaluation of bids, GIL/GSFC UNIVERSITY, VADODARA may, at its discretion, ask the Bidder for a clarification of its bid. GIL/GSFC UNIVERSITY, VADODARA may also ask for rate analysis of any or all items and if rates are found to be unreasonably low or high, the bid shall be treated as non-responsive and hence liable to be rejected. The request for a clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted.

7.3 An affirmative determination will be a prerequisite for the award of the contract to the Bidder. A negative determination will result in rejection of Bidder's bid, in which event GIL/GSFC UNIVERSITY, VADODARA will proceed to the next lowest evaluated bid to make a similar determination of the Bidder's capabilities to perform the contract satisfactorily.

7.4 GSFC UNIVERSITY, VADODARA shall reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices and same shall be conveyed to GSFC University or black listed by any of the Government of Gujarat department / other organizations in competing for the contract in question.

7.5 GSFC UNIVERSITY, VADODARA shall declare a firm ineligible, and blacklisted either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the firm has engaged in corrupt and fraudulent practices in competing for, or in executing, a contract.

8. **Performance Bank Guarantee**
   8.1 The successful Bidder has to furnish a security deposit so as guarantee his/her (Bidder) performance of the contract.
   8.2 The Successful Web developer has to submit Demand Draft for Performance Bank Guarantee of 10% of the Contract Value within 30 days from the receipt of notification of award from "GSFC University" from all Nationalized Bank including the public sector bank or Private Sector Banks authorized by RBI or Commercial Bank or Regional Rural Banks of Gujarat or Co-Operative Bank of Gujarat (operating in India having branch at Vadodara/Ahmedabad). PBG shall be submitted in accordance with the Conditions of the Contract, in the performance security Form provided in the bidding documents in the Performa prescribed in the Tender
   8.3 The Performance Bank Guarantee will be valid up to end of contract period plus 3 months.
   8.4 The O & M support will start after achieving all the milestones as mentioned in table of clause 4.2. The O&M period shall be for three years. GSFC University will place work order for O&M services at the start of each year, based on satisfactory performance of the bidder. The decision about extension of O&M support beyond initial period of one year shall be at the discretion GSFC University.

8.5 The proceeds of the performance security shall be payable to GSFC UNIVERSITY, VADODARA as compensation for any loss resulting from the Service Provider's failure to complete its obligations under the Contract.

8.6 The Performance Bank Guarantee shall be denominated in Indian Rupees.

8.7 The Performance Security will be discharged by GSFC UNIVERSITY, VADODARA and returned to the Bidder on completion of the bidder's performance obligations under the contract.

8.8 No interest shall be payable on the PBG amount. GSFC UNIVERSITY, VADODARA may invoke the above bank guarantee for any kind of recoveries, in case; the recoveries from the bidder exceed the amount payable to the bidder.

SECTION III – SCOPE OF WORK

A. Brief about future IT Road Map

*The IT Vision of University is to build a state of art **'Digital Campus'** with robust and secure IT Infrastructure which is flexible in meeting objectives of University.* It also aims to come up in the field of e-governance and digital transformation by implementing a Campus Management End to End solution. The University is looking for a full-fledged web based comprehensive Campus Management solution which will cater the needs of all the stakeholders. The solution will manage overall management of University with a robust, secure, automated and integrated system for its academic and administrative processes, and should be flexible for cloud infrastructure as well.

The solution shall be well equipped and/or should have provision to integrate with modern technologies such as Cloud computing, Online Payment Gateway, Automated SMS/Email broadcast, RFID and Bio-metric integration. The system should be robust, secure, scalable, expandable, user friendly, mobile enabled, cloud base and should be easy to access information for all users at all levels for better information and decision making.

The main objective of University is to build an ICT based platform which will enable People, Process and System to integrate with each other for real time and secure access. Solution should also improve efficiency, consistency and effectiveness of various process and services and should also reduce turnaround time and to meet the demands of the stakeholders. It should also provide overview of effective resource management to improve the quality of administration. It should also enhance transparency and accountability. It should also provide **Single Sign-on** platform for secure access for stakeholders.

Proposed Stakeholders of University:

- *Top Management*
- *Administration Staff*

- *Faculties*
- *Students*
- *Industry partner*
- *Government*
- *Parents*
- *Employers*

B. *Technical Scope of Work:*

The Technical scope of work for designing, developing and maintaining End to End Campus Management Solution for GSFC UNIVERSITY, VADODARA are as follows:

1. The web portal should comply accessibility standards so that it caters every need stakeholder irrespective.
2. The portal is to be developed and maintained for the period of three year.
3. The web portal should be developed in Unicode and the primary language shall be English.
4. The Web Portal should disseminate up-to-date information and should act as **"One-Stop Shop"** to get most current, reliable and useful data.
5. The web portal should be compatible to all major browsers (i.e. Firefox, Internet explorer, opera, Google Chrome, Safari etc.)
6. Developer must ensure that, not to violate any copyright law related to images, templates, code etc.
7. The web portal should be developed using latest techniques; rather than using old methods e.g. JQuery rather than using flash to rotate images.
8. The web portal must have Web Syndication (RSS/Atoms) and mobile and Tablet Responsive Web Design (RWD). The responsive website with refreshed visual aesthetics will meet following objectives for the department:
    - The responsive version will adapt to various resolution including landscape and portrait orientation of the website.
    - Accessibility across multiple devices (particularly mobile and tablet).
    - Improved site usability through simplified and improved navigation.
    - Streamline content to clearly and efficiently convey information of key areas.
9. The web portal should have department/organization address locator with Geo Location integrated with Google Maps.
10. The web portal should have an elegant design, light colors, a neat, uncluttered look and a user- friendly, easy-to-navigate layout. Some of the websites which are similar to the 'feel' required by the University are listed below:
    a. https://www.harvard.edu/
    b. http://sfsu.edu/
    c. http://www.iitr.ac.in/ etc.
11. The web portal must be optimized for Search Engines (Meta-tags, Dynamic Link Creations, and Dynamic Titles etc.) and also search ability within website.

12. No Installation of third party scripts to track user activity ad-scripts, hidden back links to other irrelevant website.

13. Sufficient security measures should be applied against vulnerabilities e.g. hacking / sql-injection-attack etc.

14. The web portal should be in specific manner so that authorize official can easily maintain the respective content themselves and should be clear distinction in content for authorized user and general public.

15. Website should be updated in consultation with the concerned authority, which will be informed to you from time to time.

16. The Web developer should develop a website with the concept of less web space and memory. So, web pages can load quickly but this shall also accommodate requirement of Organization.

17. Website should be regularly monitored and assessed to ensure content authentication and up-dation.

18. The web portal should have advantage of innovative ways of connecting with stakeholders including social media.

19. The developer should ensure greater visibility for academic programs, events, news flash etc.

20. Seamlessly integration with Google suite of Education, which Manages Classroom.

21. There should be a location access through map in contact web page.

22. Mechanism should be in place to ensure that all outdated announcements are removed from the web portal or moved to archive.

23. Website has a Copyright Policy, Terms & Conditions and Privacy Policy, prominently displayed on the homepage.

24. In future, there should be a provision to integrate the new GSFC University web portal to any other applications developed by University. No additional cost will be paid for this work, till the tenure of award exists.

25. The Web Portal should have Collaboration and Feedback capabilities to enable the interaction and sharing of ideas amongst the stakeholders of the Website as well as capturing the feedback. Following capabilities should be made available
    a. *FAQs*
    b. *Feedback Mechanism*
    c. *Discussion Forum*

26. The Web Portal should be running on SSL/TLS [or most current version of security certificate], i.e., HTTP request should automatically get redirected to *"https".*

27. Website should be IPv6 compliant.

28. A web developer should be responsible for macro level and micro level design of the Web Portal ensuring that the portal is contemporary in all respects to the extension possible.

29. The Web Portal Developer should be responsible for ensuring that all the Software, Plugins, Scripts, etc., used for the development of the Web Portal is updated with the latest patches and are free of any known vulnerabilities. The up-dation of patches should be carried out within 10 days from the date of announcement of the patch by

OEM (in the case of High Critical Vulnerabilities) and 20 days (in the case of other vulnerabilities) in consultation with the GSFC University IT team.

30. The Web Portal Developer may strive to use Open Source Software to design Web Portal are preferred.

31. The use of Open Source Software should be as per the Framework on Open Source Software issued by Govt. of India.
(*egovstandards.gov.in/sites/default/files/Framework%20for%20Adoption%20of%20Open%20Source%20Software%20in%20e-Governance%20Systems.pdf*)

32. The Web Portal should have functionality of internal search and also advance search.

33. The selected web developer has to study the requirement in details in consultation with GSFC University and develop the Web Portal accordingly after due approval of concern authority.

34. The pages should be printer friendly, i.e., all the pages should be displayed and printed upon demand by the user.

35. To improve the experience of the Web on mobile devices and other handheld devices like iPad, tablets etc. the website needs to be developed with "One Web" concept. (One Web means making, as far as is reasonable, the same information and services available to users irrespective of the device they are using)

36. User should be able to operate on various Operating Systems like Windows, UNIX, LINUX, etc.

37. In future, GSFC University wants to develop web application then new website should have provision to integrate with said application. No extra cost will be given to web developer.

38. The Web site should contain basic information and dynamic interactive pages which should broadly include following points but not limited to:

- Introduction
- Vision
- Mission
- Training/ Event Calendar
- Latest News / Flash News
- Information about News and events related to GSFC University
- Feedback form
- Suggestion/complaint form
- Online quiz / exam
- Photo Gallery / Video Gallery
- Search / Advance Search
- Sitemap etc.
- Single sign-on feature for login to various modules.
- Link to GSFC University library
- University circulars, notifications and guidelines
- Details about Extracurricular activities and various

- Integration of portal with Social Media pages like Facebook, Twitter, Instagram, Youtube.

1. *Miscellaneous:*
   - The Service provider shall incorporate Web analytics such as Google Analytics and shall be responsible to provide detailed web statistics dashboards and report as and when required to the concerned officials in written or through e-mail after full-fledged Development of website.
   - The Service provider should develop a website with the concept of less web space and memory. So, web page can loaded quickly but this shall also accommodate requirement of GSFC UNIVERSITY, VADODARA.
   - The Service provider should be responsible to provide training as per requirement.

2. *Sizing requirements for University Solution:*

Sr.	Parameter	Value	Remarks
1.	Max. number of student handlelling capacity	2000	
2	Max. number of organization staff handlelling capacity	250	
3	Max. number of Concurrent students	400	
4	Max. number of Concurrent organization staff	50	
5	Average response time for services / functions related to student	5 Seconds	After migration to University DC this will be 3 Seconds
6	Average response time for services / functions related to organization staff	5 Seconds	
7	Max. attachment size for a document upload of student / organization staff	5 Mb maximum	

3. *Interoperability:*
   The system should be interoperable and should comply with open standards for easy integration. The entire system / subsystem should be interoperable, to support information flow and integration. Operating systems and storage technologies from several suppliers must interact well with each other. Future applications of GSFC University shall be integrated to achieve *"Single Stop Shop"* concept. The selected Web Developer should integrate such applications for seamless transfer of data and future integration of IoT if required.

4. *Design & Style Guide:*
   The agency must provide a design and style guide that will contain the color palette, typeface, grids, etc. that have been used in the visual design of the entire website. These will be useful for creating, designing various campaigns and creative for promotional and related activities.

5. *Uniform Design & Style:*

Web site/portal should be developed in a uniform look and feel so that it shows a holistic view to the citizen. Multiple Design and Style templates should be suggested so that GSFC University can select multiple templates.

6. *Content Management System:*

   User shall be able to upload the Content such as Photo, News, Contact detail, etc. on the Website. Contents must be in Unicode format. Content Management System should have following features or capabilities:

   - Content Authoring, Publishing, Delivery, Content Storage Management, Content exit and Archival.
   - Should have pre-configured generic templates and work flows for the content management.
   - Separation of content from presentation, which allows authors to focus on content rather than web design.
   - Management of revision, approval, publishing and archiving processes in an easy and automated manner.
   - Centralized template management for consistency within website.
   - Facilitated metadata generation and management which enables effective content discovery.
   - Content storage management of all types of content; text graphic, audio, video, etc.
   - In context contribution, purview, updates, and approvals.
   - Email notifications for automated content edits and reviews.
   - Native content conversion to web formats.
   - CMS should be able to generate content feeds.

7. *Security Audit*

   Web portal should be hosted and released only after undergoing the **Website Security Audit** as per the guidelines of Government of India. GSFC UNIVERSITY, may propose empaneled security auditor of CERT-In, Govt. of India for Security audit. However, Payment of Security audit would be borne by GSFC UNIVERSITY. Web developer should be responsible to fix the vulnerabilities found even after the hosting is completed till the completion of its contract period with GSFC UNIVERSITY, VADODARA.

8. *Hosting and Server Maintenance*

   The hosting may be done in Gujarat State Data Centre / bidder's premises / GSFC University's Data Center once the DC is built. The bidder shall be responsible to provide migration support at least once in the contract duration, if required.

   In case of hosting in Gujarat State Data Centre (GSDC) / GSFC University's Data Center, the bidder shall required to provide the pre-requisites of the IT Infrastructure require for the same.

During operation and maintenance phase, Service Provider's onsite team should co-ordinate with University IT team in order to ensure that the web portal is functioning as per standard norms. GSFC UNIVERSITY, VADODARA shall provide all necessary administrative support to team.

9. *Operational Acceptance*

Successful completion of the contract will be evaluated through a series of acceptance tests performed with all the aspects of the system/sub systems/modules:

- Bidder must host the services from its own testing server/cloud in development and testing phase.
- In the Go-live phase, Bidder will have to manage and roll out a beta version/stage where the system will be made available and restricted only to the users in the department through an appropriate mechanism on the web and conduct user acceptance testing of the End to End Solution based on test cases/modules developed by the Bidder in consultation with GSFC University and are also validated by GSFC University. Based on the test results, required changes will be carried out and tested. Post this, University Web portal shall be officially launched and operational acceptance will be complete.
- In order to accept the system, University must be satisfied that all of the work has been completed and delivered to University's complete satisfaction and that all aspects of the system/modules perform acceptably. The technical/functional/logical acceptance of the system/end to end solution will only be certified when the proposed system is installed and configured according to the design and that all the detailed procedures of operating them have been carried out by the Bidder in the presence of University IT & Management team.

10. *Operations/Support and Maintenance*

The Successful bidder shall maintain and support the supplied end to end solution [Web portal] for a period of 3 year after the successful operational acceptance without any additional cost. This may be extended further period of two years at the same rate based on satisfactory performance.

The Operation/Support and Maintenance will consist of:
- Resolution of errors / bugs (if any), web portal updates, changes in the web portal that may be necessary due to legal / statutory changes etc.
- Providing all software updates and patches released by the OEM, update and patch management, resolution of any issues / problems with the solution / software etc.
- Deploy adequate facility management personnel to maintain the Web portal as per the service level requirements.
- Periodically update and insert static pages / contents as per GSFC UNIVERSITY, VADODARA directives.
- Successful bidder shall provide a dedicated project manager (though not required to be deployed full time) during the period of the contract that should be present for

discussions, important meetings and should act as one point contact for GSFC UNIVERSITY, VADODARA.

- Resources (may require onsite as and when needed) for maintenance of Website.

No extra cost shall be remunerated by GSFC UNIVERSITY, VADODARA on account of such maintenance activities mentioned herein above.

11. **Change Request Orders**
- During the development and O & M phase, any change in scope of work, or in design and development of Decision Support systems (DSS) or of Management Information system (MIS) shall not be construed as change Request order and instead will become part of scope of work accompanying this bid document.
- GSFC University may, at any time, by written order given to the SP make changes within the general scope of the Contract in any one or more of the following:
- Designs, specifications, requirements of which software or service to be provided under the Contract are to be specifically developed / rendered for GSFC University;
- The place of delivery; and/or the Services to be provided by the SI.
- The bidder should be responsible for changes in system user Interface and due to change of legal/statutory/GR/Any ACT etc. changes issued by govt. time to time during the contract period.
- Once the change request is developed and implemented, it will become the part of the Software application without any additional cost to GSFC University.
- Any change during the operation and maintenance period should not be considered as a change request.

12. Training
The successful bidder shall provide the following trainings:

Sr.	Trainee Audience	Batch Size	No. of Batches
1.	System Administration Training	5	1
2	User Level Training	40	5
3	Top Management - Executive level Training	10	1
4	Training for Student – Web base help	Self help pages on portal	

- Overview of the website & portal to all the departmental users.
- A detailed technical training with demonstration to the nodal departmental officer as well as each departmental staff of the GSFC UNIVERSITY, VADODARA on website & portal administration.
- Training to University IT team on the CMS tools and other administration.

13. Copyright

- Any software, hardware, data, awards, certificates, patent, etc. shall be absolute property of GSFC UNIVERSITY, VADODARA. The Successful bidder will transfer all Intellectual Property Rights of the Software developed customized as per requirement of GSFC University to the IT Department of University.

- The bidder shall relinquish to the Department; source code of the developed Website within Five (5) days from the date of acceptance of the system. The source code supplied to the Department shall at all times be a complete, accurate and up-to-date copy corresponding exactly to the current production release of the software.

14. Place of Performance

The Successful bidder shall perform a majority of the work at its own facility. The bidder shall be required to meet at the GSFC UNIVERSITY, VADODARA once per week for a weekly status meeting. Additionally, all project reviews will be held at the Department facility and attended by the bidder. GSFC UNIVERSITY, VADODARA shall provide and arrange for meeting spaces within its facility for all required bidder meetings. Once the project reaches the training phase, all training shall be conducted at the GSFC UNIVERSITY, VADODARA.

15. Website Up-dation & Maintenance

The major activities covered are as under:
- Regular up-dation & maintenance based on request from the GSFC UNIVERSITY.
- Website should be updated at least once in 15 days. If the maintenance agency does not get any intimation about the updation from the department, he has to proactively ask the department for the same.
- Website should be updated in consultation with the concerned authority, which will be informed to you from time to time.

16. Documentation

The project team shall provide the following documentations in hard as well as soft copies:
- Detail Project Plan.
- Fortnightly progress reports.
- System Requirement Specification (SRS) document containing detailed requirement capture and analysis including Functional Requirement Specification (FRS), Interface Specifications, application security requirements.
- Complete Source Code with required documentation. Two sets of User manual (i.e. two hard & soft copies in English language) for administration and management of website.
- Test Plans and Test cases (including Unit Test Plan, System/Integration Test Plan, User Acceptance Test Plan).
- Original Security Audit report and Clearance Certificate
- Training Manuals and literature which will include all details pertaining System Administration, CMS Tool, Website Users, Installation, Operations, Maintenance and Security policy and procedure for website including Password security, logical access security, operating system security, data classification, and application security and data backups.

17. Source Code:

In case of COTS: The Intellectual Property Right - IPR of the COTS [Commercial Of The Self, i.e stock vanilla version / module] portion of the solution shall lie with the bidder; only the IPR of customized modules as per need of University will rest with the GSFC University. In case of BESPOKE: The IPR of the entire solution shall lie with the GSFC University

18. Time limit:

The service provider will have to complete the work within 4 months from the date of work order issued.

C. Functional Scope:

The Scope includes *System analysis, design, development, testing, implementation, training, hand holding and Operation & maintenance support* of complete End to End web solution of the GSFC University.

Following are the list of Management Modules which are basic and tentative requirement of University and which may include other modules or services as and when required during the service tenure.

- *Various Dashboards: For Management, Admin Users, HR, Procurement & Inventory Team, Finance, Faculty, Students, Parents, Industry / Internship Partners.*
- *Admission Module*
- *Academic Module*
- *HR and Payroll Automation*
- *Accounts & Finance*
- *Purchase & Inventory*
- *Hostel Management*
- *Transportation*
- *Library Management*
- *Faculty & Student Management*
- *Examination & Assignment*
- *Timetable*
- *Events & Calendar*
- *Announcements*
- *Placement & Tracking*
- *Training & Internship*
- *Central Repository For University [Students, Faculty and all staff members]*
- *Performance Indicator*
- *Club Management*
- *Alumni DB*

❖ **Following are the set of detailed features:**

1. **Dashboards:**

- It should have analytical overview for various features / parameters / services of various modules.
- Individual user should have its own user service management and visibility access.
- It should also have complete decision support system for the management with multiple report generation capability.

2. **Admission Module**
   - Should capture details of student inquiry form.
   - Admission form should have field validation facility.
   - Should also generate ID and Password for new students and SMS / OTP alert.
   - Should have online payment gateway for online fees collection and should also have additional feature for offline fees collecting by Cash and Cheque / DD.
   - Should also have feature to generate roll no., merit list etc in automated manner and should have analytical overview for various features / parameters / services.
   - Should be able to generate various reports with graphical view as and when required by stakeholders.

3. **Academic Module**
   - Should manage detailed database of student's information and can manage enrollment generation.
   - Should be able to manage creating Time Table for students, faculty and visiting faculty and should also have approval management mechanism for proxy lectures.
   - Should have a provision to keep a record of the basic, academic and personal details of the students, their 360 degree view of academic performance and all institute interactions, ability to upload student academic and extracurricular documents.
   - Should also manage attendance, creating Class / Batch for students.
   - Should have facility to apply for leave; view the approval status and leave history and should be able to get feedback from students.
   - Should also have facility to generate admission letters, ID cards etc.
   - Details of examination.

4. **HR and Payroll Automation Module**
   - Should be able to apply different type's leave, approval of leave, fetching leave reports and should also integrate with existing bio-metric device.
   - Should be able to calculate salary automatically and should have facility for various online approval from top management.
   - Should also be able to generate eTDS text file for online income tax returns and should support to generate various forms like Form 16, 16A, TDS certificate etc.
   - Should be flexible to generate various analytical reports for top management with various report formats and graphs and the documents should also be converted to various office formats.
   - Should be flexible for end to end recruitment process and employee management process.

- Should be integrated with existing finance and accounting module to direct post salary data and should also include any other related activity.
- Should support Clock in/out correction option for staff.
- Should be flexible Personal profile/Employee data (all the personal details, experience, education, etc.) (can update, delete information)
- Should be able to perform joining formalities online.
- Travel claims – reimbursement and advance payment to be done online.
- Provision of printing Monthly pay slip, Monthly time sheet and also Checking on flexibility of time (as per the policy) (adjustments accordingly)
- Should be able to deduction and addition In salary as per leave balance (LOP, after approval of the leaves-addition of payment in the next month's salary)
- Should also capture attendance of Visiting Faculty
- Should capture no. of lectures taken in a semester by Visiting Faculties, no. of paper set, no. of VIVAS taken, no. of practicals in a semester, ATKT exam related duties, supervision hours,- consolidated sheet after every semester to be generated.
- Should be able to set Academic performance indicator (module to be framed).

5. **Accounts & Finance Module:**

- Should be able to provide support for tracking financial concurrence with respect to budget and tracking and process of budgeted activity; which may include the process of requisition of Goods and services, procurement process, budget allocation, purchase, Goods received, inventories, issue of materials, payment recommendations and budget MIS.
- Should be able to cater all finance and accounting needs of University with flexibility to serve in offline mode also. Should be able to generate general ledger accounting, accounts payable, accounts receivable, taxation, fixed assets, creation and approval of vouchers and invoices and operation of multiple accounts and should be integrated with existing finance and accounting module/software.
- Should also provide support for generating various reports related to taxation, ledgers and transactions.
- Should be able to create graphical view for various reports.
- Should also have provision to create accounts, grouping of account, opening vouchers for General Ledger (GL), Accounts Payable (AP), Accounts Receivable (AR) Journal Vouchers, Purchase Vouchers, Expense Vouchers, Payment Vouchers, creating debit and credit notes, viewing sales invoices, carrying out inter unit transactions, and clearing customer balances and should also provide ledger wise user access control.
- Should support different type of taxes and tax registers, creation and modification of the budgets and to control of operations. Generation of Tax Registers, CST Registers, Excise Registers, TDS Register, and Service Tax Register. Provision for creating a Budget and tracking it, and comparing same with actual expenses etc.

- Should be able to integrate with other modules related to finance and accounts like salary.
- Should be able to generate various reports with graphical and analytical view as and when required for all the stakeholders.

6. **Purchase & Inventory Module:**
   - Should be able support end to end procurement cycle i.e. procurement to payment with approval based system and should also help in managing and monitoring inventory across the organization.
   - Should also provide managing vendor quotations, generation of purchase request and should have central repository of quotations along with Multi level approval mechanism.
   - Should have ability to convert multiple purchase requisition to purchase order and also should have provision of creating single order for item and service.
   - Should also have indent management and budgetary checks and alerts.
   - Should be able to generate various reports with graphical and analytical view as and when required for all the stakeholders.

7. **Hostel Management Module:**
   - Should have facility to manage overall hostel management which includes managing hostel resources, processing hostel requests students, hostel fees management, room allocation, lodging and canteen management, tracking student's in-out activity etc.
   - Should also generate various reports as and when required.

8. **Transportation**
   - Should be able to manage transport facilities for students and should also support route management like details of various route with timings, mapping of students with routes and should also support to manage transport fees.
   - Should also generate various reports as and when required.

9. **Library Management**
   - Should be able to manage overall library management system.
   - Should have ability to store database of all the e-books available, and should track issue and return process, collection of late fees, deduction of library fees from student's university account.
   - Should have facility to manage and store eBooks and various publication of university [around 2000+] which can be access securely through a repository and also generate various reports as and when required.
   - Should be able to integrate with existing Library management system.
   - Should also generate various reports as and when required.
   - Should be able to integrate with technologies such as QR code and RFID for managing library.

10. **Faculty, Staff & Student Management**
    - *For Faculty & Staff*:

- o Should have provision to manage entire life cycle of employee from recruitment to reliving and which also tracks overall development of employee like appraisals, promotions, leave calculation, claims, and training along with documents.
- o Employee can apply for leave, training and other self service provided by university.
- o Should apply for leave and can also view approval status and leave history.
- o Should have ability to manage travel and claim details of Employees.
- o It should also integrate with existing module
- o Individual can also view its timetable and overall academic analytic with all the aspects.
- o It should manage course, lectures and timetable, assignments and exams, inter department communication.
- o It should also have facility to share videos, documents, assignments & lectures, presentations etc. And can also track records of student's submission report.

  - ▪ *For Students:*
    - o Should support entire life cycle of each student [current and past] from its admission till placement and the data should also be available to students, parents and other stakeholders.
    - o It should also capture/maintain details of students like personal details, year wise academic data, no. of projects done, assignment submitted, no. Of lecture attended and left, leave management, should also analyze interest area and strength and weakness of student.
    - o Should apply for leave and can also view approval status and leave history.
    - o Students can also share their feedback to management regarding services used by individuals.
    - o Student can also view its timetable, fees, transcripts & grades, academic record, medical record, parent's info and overall academic analytic with all the aspects.

11. Examination & Assignment

- ▪ This module shall support planning, administration, evaluation and generating results of students.
- ▪ Should also support different types of grading methods to serve need of university.
- ▪ Should be capable to manage entire life cycle of examination/assignment from generation of roll number / enrollment number, hall tickets with seat no. allocation, registration and enrollment till generation of mark sheet / report card.
- ▪ Should be able to create exam schedule and should have provision to take online exam.
- ▪ Should also have two layer marks verification adoption and then generation of mark sheet and then printing of customize Certificates.

12. Timetable
- Should be able to create timetable for various departments, teacher wise and classes wise and course wise.
- Should have flexibility to manage multiple time slot for individual and course.
- Should also capture attendance from timetable.
- Should have provision of proxy class with approval mechanism.

13. Events & Calendar
- Should have provision to manage various events category wise and should also manage to assign roll to various team members like marketing, branding, social media marketing and event schedule and programme details etc.
- Should have provision to invite parents, students, industry / internship partners via SMS and emails.
- Should be able to flash event in calendar of all stakeholders.

14. Announcements
- Should have provision to float / broadcast any type of announcements for employees, students, parents, non-teaching staffs via SMS and email.

15. Placement & Tracking
- Should have provision for registration of students and employer's for job and job offer respectively.
- Companies can offer jobs and can share their presentation, photos etc. after getting approval for management and can interact with student.
- Should be able to manage placement schedule and can send SMS/email alert to students for interviews and placement.
- Should be able to track student placement - company wise and student wise.
- Should be able to generate of various reports, statistics and analytical data as and when required in various format.

16. Training & Internship
- Should have provision for overall management of entire life cycle of training and internship.
- Should be able to initiate various training / internship with companies - in-house training or outside training.
- Should track attendance of student during training / internship period and can also record performance of student while training / internship period.
- Should track records of students / employee for training number of training avail in the tenure of engagement with university.
- Should have ability to manage all the training / internship undergone by the employees / student.

- Should be able to manage complete training calendar of employees along with budgets utilization, timings, no. of invited members, database of participants of previous events etc. and details of employee / student and feedback.
- Should also be able to generate reports in various format as and when required.
- Should also be able to manage event gallery.

17. Central Repository For University [Students, Faculty and all staff members]
- Should be able to manage, store and share educational documents, videos, presentation and various other documents with different formats which can be access securely by all the stake holders.
- Faculty can broadcast / share videos, links and study material in different formats to students.

18. Performance Indicator
- Should be able to define Academic Performance Indicators [API] to measure performance of all the employees and students.
- Should be able to showcase a statistical analytical view of employees and students performance as per defined API for top management.
- Ability to generate various type of reports as and when required.

19. Club Management
- Should be able to manage, store and upload photos and videos of various programme organized by clubs managed by students.

20. Alumni Database
- Should be able to maintain database of alumni profile and its directory, and should also be able to track alumni.
- Should be able to search people, company, and forum and job selection.
- Should have provision for uploading events, sharing various documents, highlights of programme, photo gallery etc.

Following are some of the required out come from Campus Management End to End Solution but are not limited to:

- Management's dashboard should have analytical view for university statistics.
- Campus Management solution should be robust, secure and scalable and should have user friend interface.
- It should improve efficiency with real time analytics and reduces cost and less paper work for admission.
- It should increase interaction with students and parents and should reduce administration efforts.
- It should increase performance of student and faculty by analytical view of performance indicators in individual dashboard.
- Parents can easily access and track student overall performance in just a click and should provide transparency between parents, students and faculty.
- Should be able to generate LC, NoC, Marksheet, Certificates etc. and Should be able to track best Student, Awards Won, Winners etc.

- Portal should be user friendly, attractive and fast to access / fetch records, even for past years.
- Should also have features of reliving module.
- Should have Year duplication facility.
- There should be in-depth reporting facility with multiple filter option and should also have import export feature with various document formats.

Each and every feature should be able to integrate with Mobile devices, and should be compatible with Android and iOS users.

Section IV – Annexures

Annexure 1 – Bid Proposal

(To be submitted on the Firm/company letterhead)
Date:
To,
Managing Director
Gujarat Informatics Ltd

Ref: RFP Notification no. _____ dated _____

Subject: Submission of proposal in response to the RFP for "**Selection of Service Provider for Designing, Development, Implementation, Training, Hand Holding and Support & Maintenance for Campus Management End to End Solution for GSFC University, Vadodara**".

Dear Sir/Madam,

1. Having examined the RFP document, we, the undersigned, herewith submit our proposal in Response to your RFP Notification no. _____**dated** _____ for   "**Selection of Service Provider for Designing, Development, Implementation, Training, Hand Holding and Support & Maintenance For Campus Management End to End Solution for GSFC University, Vadodara**", in full conformity with the said RFP document.
2. We have read the provisions of the RFP document and confirm that these are acceptable to us. We further declare that additional conditions, variations, deviations, if any, found in our proposal shall not be given effect to.
3. We agree to abide by this Proposal, consisting of this letter, the Qualification Criteria forms and the Technical Proposal form, the duly notarized Board Resolution/ Power of Attorney, and all attachments, for a period of 180 days from the date fixed for submission of Proposals as stipulated in the RFP modification resulting from contract negotiations, and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.
4. If we are entrusted an assignment, we undertake to provide a Bank Guarantee in the form and amount prescribed.
5. We hereby declare that all the information and statements in this proposal are true and accept that any misinterpretation contained in it may lead to our disqualification.
6. We would like to declare that there is no conflict of interest in the services that we will be providing under the terms and conditions of this RFP.
7. We would like to declare that we are not involved in any major litigation that may have an impact of affecting or compromising the delivery of services as required under this

assignment and we are not under a declaration of ineligibility for corrupt or fraudulent practices.

8. We understand you are not bound to accept any proposal you receive.
9. We hereby declare that our proposal submitted in response to this RFP is made in good faith and the information contained is true and correct to the best of our knowledge and belief.

Sincerely,

Dated this (date / month / year):

Authorized Signature [in full and initials]:

Name of Authorized Signatory:

Designation of Authorized Signatory:

Name of Firm/company:

Address:

Annexure 2 – Particulars of the Bidder's organization

Sr. No	Particulars	Details to be furnished	
1.	**Details of responding company**		
a)	Name		
b)	Address		
c)	Telephone	Fax:	
d)	Web portal		
2.	**Details of Contact Person**		
a)	Name		
b)	Designation		
c)	Address		
d)	Telephone no.		
e)	Mobile no.		
f)	Fax no.		
g)	E-mail		
3.	**Details of Authorized Signatory (please attach proof)**		
a)	Name		
b)	Designation		
c)	Address		
d)	Telephone no.		
e)	Mobile no.		
f)	Fax no.		
g)	E-mail		
4.	**Information about responding company (please attach proof)**		
a)	Status of company (Public Ltd. / Pvt. Ltd etc)		
b)	No. of years of operation in India		
c)	Details of Registration	Date	
d)	Details of Quality Certifications		
e)	Locations and addresses of offices		

Annexure -3 Financial Bid Format

Table A:

Sr. No.	Description	Total Amount (Rs.) (Without Taxes)
1.	Base cost of software and/or other system software required for running the software [without customization], in case of COTS – **Part 1**	
2.	Cost of Designing, Development, Customization, Deployment, Training and Go - Live for Campus Management End to End Solution and portal for GSFC University, Vadodara – Part 2	
3.	Cost of Operation and Maintenance support for three years from the date of Go-live– **Part 3**	
4.	Cost of AMC/ATS of Base software and/or other system software required for running the software, in case of COTS– **Part 4**	
5.	Migration cost (Optional) – One time	
6.	Three years Hosting charges – **Part -5 (Optional)**	
	Grand Total (Rs.)	

Note:

- **In case of bespoke development, put "0" in item no. 1 and 6.**
- No extra charge will be paid to the Firm/Company apart from the prices quoted above.
- The cost of the above parts should be matched with the breakup of each component mentioned below.
- Taxes are extra as applicable at the time of invoicing.

Part 1: Base cost of software and/or other system software required for running the software [without customization], in case of COTS

Sr. no.	Item Description	Total amount (Without Taxes) (Rs.)	Taxes (Rs.)
1.			
2.			
	Grand Total (Rs.)		

Part 2: Cost of Designing, Development, Customization, Deployment and Go - Live for Campus Management End to End Solution and portal for GSFC University, Vadodara

Sr. no.	Item Description Original	Total amount (Without Taxes) (Rs.)	Taxes (Rs.)
1	Conceptualization, As-Is, BPR and To-be		
2	URS,SRS		
3	Development/Customization		
4	Testing, UAT		
	Total Amount(Rs.)		

Part 3 – Cost of Operation and Maintenance support for three years from the date of Go-live

Sr. no.	Manpower requirement	Total Man month Efforts	Cost of per man month			Total Cost			Total amount (Rs.)
			Y1	Y2	Y3	Y1	Y2	Y3	
		A	B	C	D	E = A*B	F=A*C	G=A*D	H= (E+F+G)
1.	DBA								
2.	System Administrator								
3.	Programmer								
4.	Help Desk								
5.	Hand Holding Support								
6.	Business Analyst								
								Total Cost	

Part 4: Cost of AMC/ATS of Base software and/or other system software required for running the software, in case of COTS

Sr. no.	Item Description	Total Cost (Rs.)			Total Amount (Without Taxes)	Taxes (Rs.)
		Y1	Y2	Y3		
		A	B	C	D=(A+B+C)	
1.						
2.						
	Grand total (Rs.)					

Part 5 : Three years Hosting charges (Optional)

Sr. No	No. of Years	Hosting Charges Per Months	Total Hosting charges per year (Rs.)	Taxes [GST] (Rs.)	Total Amount (Rs.)
		A	**B**	**C**	**D = B + C**
1	First Year				
2	Second Year				
3	Third Year				
	Grand Total				

Annexure 4 - Performance Bank Guarantee

(To be stamped in accordance with Stamp Act)

Ref: **Bank Guarantee No._____ Date: _____**

To

Name & Address of the Purchaser/Indenter

_____

_____

_____

Dear Sir,

In consideration of Name & Address of the Purchaser/Indenter, GSFC University, Vadodara (hereinafter referred to as the OWNER /PURCHASER which expression shall unless repugnant to the context or meaning thereof include successors, administrators and assigns) having awarded to M/s. _____having Principal Office at _____ (hereinafter referred to as the "SELLER" which expression shall unless repugnant to the context or meaning thereof include their respective successors, administrators, executors and assigns) the supply of _____by issue of Purchase Order No_____ Dated _____ issued by GSFC University for and on behalf of the OWNER/PURCHASER and the same having been accepted by the SELLER resulting into CONTRACT for supplies of materials/equipment's as mentioned in the said purchase order and the SELLER having agreed to provide a Contract Performance and Warranty Guarantee for faithful performance of the aforementioned contract and warranty quality to the OWNER / PURCHASER, having Head Office at (hereinafter referred to as the 'Bank' which expressly shall, unless repugnant to the context or meaning thereof include successors, administrators, executors and assigns) do hereby guarantee to undertake to pay the sum of Rs._____(Rupees) to the OWNER/PURCHASER on demand at any time up to_____ without a reference to the SELLER. Any such demand made by the OWNER/PURCHASER on the Bank shall be conclusive and binding notwithstanding any difference between Tribunals, Arbitrator or any other authority.

The Bank undertakes not to revoke this guarantee during its currency without previous consent of the OWNER/PURCHASER and further agrees that the guarantee herein contained shall continue to be enforceable till the OWNER/PURCHASER discharges this guarantee. OWNER / PURCHASER shall have the fullest liberty without affecting in any way the liability of the Bank under this guarantee from time to time to extend the time for performance by the SELLER of the aforementioned CONTRACT. The OWNER / PURCHASER shall have the fullest liberty, without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the SELLER, and to exercise the same at any time in any manner, and either to enforce to forebear to enforce any covenants contained or implied, in the aforementioned CONTRACT between the OWNER/PURCHASER and the SELLER or any other course of or remedy or security available to the OWNER/PURCHASER.

The Bank shall not be released of its obligations under these presents by any exercise by the OWNER/PURCHASER of its liability with reference to the matters aforesaid or any of them or by reason or any other acts of omission or commission on the part of the OWNER/PURCHASER or any other indulgence shown by the OWNER/PURCHASER or by any other matter or things.

The Bank also agree that the OWNER/PURCHASER at its option shall be entitled to enforce this Guarantee against the Bank as a Principal Debtor, in the first instance without proceeding against the SELLER and not withstanding any security or other guarantee that the OWNER/PURCHASER may have in relation to the SELLER′s liabilities.

Not with standing anything contained herein above our liability under this Guarantee is restricted to Rs. (Rupees_____) and it shall remain in force up to and including and shall be extended from time to time for such period as may be desired by the SELLER on whose behalf this guarantee has been given. Dated at_____on this_____day of 2018.

_____

 Signed and delivered by

_____

For & on Behalf of
Name of the Bank & Branch & Its official Address

List of approved Banks:
All Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative Banks (operating in India having branch at Vadodara / Ahmedabad)

Annexure 5 – Format of Earnest Money Deposit in the form of Bank Guarantee

Ref: **Bank Guarantee No. _____ Date:_____**

To,
Director (Administration) & Registrar
GSFC University
Vigyan Bhavan,
Fertilizar Nagar,
Vadodara. Gujarat.

Whereas _____ (here in after called "the Bidder")
has submitted its bid dated _____ in response to the Tender no:
GSFCUCMS01_SEP2018 for **"Selection of Service Provider for Designing, Development,
Implementation, Training, Hand Holding and Support & Maintenance For Campus
Management End to End Solution for GSFC University"** KNOW ALL MEN by these presents that
WE _____having our registered office at
_____ (hereinafter called "the Bank") are bound unto the
_____, GSFC University in the sum of _____ for which payment well and truly to be made
to GSFC University, the Bank binds itself, its successors and assigns by these presents. Sealed
with the Common Seal of the said Bank this _____ day of _____2018.

THE CONDITIONS of this obligation are:

The E.M.D. may be forfeited:
If a Bidder withdraws its bid during the period of bid validity does not accept the correction of
errors made in the tender document; In case of a successful Bidder, if the Bidder fails:
   a. To sign the Contract as mentioned above within the time limit stipulated by purchaser
      or
   b. To furnish performance bank guarantee as mentioned above or
   c. If the bidder is found to be involved in fraudulent practices or
   d. If the bidder fails to submit the copy of purchase order & acceptance thereof.

We undertake to pay to the Purchaser up to the above amount upon receipt of its first written
demand, without Purchaser having to substantiate its demand, provided that in its demand
Purchaser will specify that the amount claimed by it is due to it owing to the occurrence of any
of the abovementioned conditions, specifying the occurred condition or conditions.

This guarantee will remain valid up to 9 months from the last date of bid submission. The Bank
undertakes not to revoke this guarantee during its currency without previous consent of the
OWNER/PURCHASER and further agrees that the guarantee herein contained shall continue to
be enforceable till the OWNER / PURCHASER discharges this guarantee.

Annexure 6 – Format of AFFIDAVIT [To be submitted physically on Stamp paper]

(To be submitted IN ORIGINAL on Non-Judicial Stamp Paper of Rs 100/- duly attested by Magistrate / Notary)

I/We, _____, age_____ years residing at_____ in capacity of _____ M/s. _____ hereby solemnly affirm that

1. All General Instructions, General Terms and Conditions, as well as Special Terms & Conditions laid down on all the pages of the Tender Form, have been read carefully and understood properly by me which are completely acceptable to me and I agree to abide by the same.

2. I / We have submitted following Certificates / Documents for Technical Evaluation as required as per General Terms & Conditions as well as Special Terms & Conditions of the tender

Sr. No.	Name of the Document
1	
2	

3. All the Certificates / Permissions / Documents / Permits / Affidavits are valid and current as on date and have not been withdrawn / cancelled by the issuing authority.

4. It is clearly and distinctly understood by me that the tender is liable to be rejected if on scrutiny at any time, any of the required Certificates / Permissions / Documents / Permits / Affidavits is / are found to be invalid / wrong / incorrect / misleading / fabricated / expired or having any defect.

5. I / We further undertake to produce on demand the original Certificate / Permission / Documents / Permits for verification at any stage during the processing of the tender as well as at any time asked to produce.

6. I / We also understand that failure to produce the documents in "Prescribed Performa" (wherever applicable) as well as failure to give requisite information in the prescribed Performa may result in to rejection of the tender.

7. My / Our firm has not been banned / debarred / black listed at least for three years (excluding the current financial year) by any Government Department / State Government / Government of India / Board / Corporation / Government Financial Institution in context to purchase procedure through tender.

8. I / We confirm that I / We have meticulously filled in, checked and verified the enclosed documents / certificates / permissions / permits / affidavits / information etc. from every aspect and the same are enclosed in order (i.e. in chronology) in which they are

supposed to be enclosed. Page numbers are given on each submitted document. Important information in each document is "highlighted" with the help of "marker pen" as required.

9. The above certificates / documents are enclosed separately and not on the Performa printed from tender document.

10. I / We say and submit that the Permanent Account Number (PAN) given by the Income Tax Department is_____, which is issued on the name of_____ [Kindly mention here either name of the Proprietor (in case of Proprietor Firm) or name of the tendering firm; 1, whichever is applicable].

11. I / We understand that giving wrong information on oath amounts to forgery and perjury, and I/We am/are aware of the consequences thereof, In case any information provided by us are found to be false or incorrect, you have right to reject our bid at any stage including forfeiture of our EMD / PBG / Cancel the award of contract. In this event, this office reserves the right to take legal action on me/us.

12. I / We have physically signed & stamped all the above documents along with copy of tender documents (page no. _____ to _____).

13. I / We hereby confirm that all our quoted items meet or exceed the requirement and are absolutely compliment with specification mentioned in the bid document.

14. My / Our Company has not filed any Writ Petition, Court matter and there is no court matter filed by State Government and its Board Corporation, is pending against our company .

15. I / We hereby commit that we have paid all outstanding amounts of dues / taxes / cess / charges /fees with interest and penalty.

16. In case of breach of any tender terms and conditions or deviation from bid specification other than already specified as mentioned above, the decision of Tender Committee for disqualification will be accepted by us

Whatever stated above is true and correct to the best of my knowledge and belief.

Date: **Stamp & Sign of the Tenderer**

Place:

Annexure 7: Anti-Blacklisting – Self Declaration – [Should be submitted on Letter Head]

**The
Director (Administration),
GSFC University,
Vigyan Bhavan, Fertilizar Nagar,
Vadodara. Gujarat.**

Sir/Madam,

Having examined the Bidding Documents including **Bid No.: GSFCUCMS01_SEP2018** the receipt of which is hereby duly acknowledged, we, the undersigned, offer to provide services for **Designing, development, Implementation, Training, Hand Holding and Support & Maintenance for Campus Management End to End Solution for GSFC University.**

We undertake, if our bid is accepted, to provide services for **Designing, Development, Implementation, Training, Hand Holding and Support & Maintenance for Campus Management End to End Solution for GSFC University**, in accordance with the terms and conditions in the tender document.

If our bid is accepted we will obtain the Bank Guarantee for a sum equivalent to 10% of the Contract Value, in the form prescribed by the purchaser.

We agree to abide by this bid for a period of 180 days after the date fixed for bid opening under the Instruction to Bidders and shall remain binding upon us and may be accepted at any time before the expiry of that period.

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.

We understand that in competing for (and if the award is made to us, in executing the above contract), we will strictly observe the laws against fraud and corruption in force in Gujarat namely Prevention of Corruption Act 1988.

We understand that you are not bound to accept the lowest or any bid you may receive.

We have not been under a declaration of ineligibility for corrupt and fraudulent practices, and / or black-listed or debarred at least for three years (excluding the current financial year) by any Government Department / State Government / Government of India / Board / Corporation / Government Financial Institution in context to purchase procedure through tender. We have not imposed any condition in conflict with the tender condition if it is found it should be treated as withdrawn.

We have not been convicted for any criminal cases(s) by any of the Govt. Department or its PSU in Gujarat, regarding any supply and contracts with our firm/company.

We have not breached/violated any contractual conditions so far to any of the Govt. Department or its PSU.

In case any of the above statements made by us are found to be false or incorrect, you have right to reject our bid at any stage including forfeiture of our EMD and / or PBG and / or Cancel the award of contract.

Dated this_____ day of_____ 2018.

Name of the Proposer:

Stamp & Signature of the Authorized person:

Name of the Authorized Person:

Annexure 8: IT infrastructure required to run the solution from University datacenter

Sr.	Component	Item	Required Quantity	Brief Specification
1.	Hardware	Web Server		
2		Application Server		
3		Database Server		
4		Storage required		
5		Network Component required		
6	Software	Operating System		
7		Database		
8		Middle ware if required		
9		TLS Certificate		