PROPOSAL
SBASSE Website Revamp (Drupal 7 to Drupal 8)
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Foreword

The purpose of this document is to give a thorough outline of ASDEV’s working aspects. It portrays information about the company’s services and ideas to upgrade SBASSE Website i.e. upgrading from Drupal 7 to Drupal 8. Offers we suggest according to our expert services.
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Part-I

Executive Summary

ASDEV Tech believes that it can surely address the requirements and objectives mentioned in the provided RFP sent out by LUMS for their website development. ASDEV Tech’s experience, experts, and methodology clearly state that it can perfectly fulfill the requirements set out by LUMS.

ASDEV Tech is one of the experienced Drupal-based web development companies that primarily deal in software services and developer outsourcing according to customer requirements.

About ASDEV Tech

To survive and grow in an unstable technological environment, change is constantly needed. A specific technology may become outdated in a short period before you even realize and without a proper backup, you may have to gear up again from the start.

ASDEV Tech is a progressive web development company that offers its clients with standard and latest Web Development Services using the two most popular and successful content management systems Drupal and WordPress as the base.

We are a team of expert and skilled web developers having more than 5 years of experience in Web development and mainly deal in developer outsourcing, software, and website development services according to the customer requirements.

Our Services

- Drupal Website Development
- WordPress Website Development
- MERN Stack
- Website Design
- Social Media Marketing
- SEO
What can you expect from us?

Our goal is to deliver what you require!

We work for the satisfaction of our clients with the passion to make what they need using our up to date development services.

We can help you in making your Website socially active and visible to your targeted audience by creating a result-achieving campaign.

We are experts in Social Media Marketing including Facebook Marketing, LinkedIn Marketing and so much more!
Part-II

Deliverables

- Websites / Landing pages based on provided designs
  - SBASSE Home (Unique Landing page)
  - About (Unique Landing page)
    - History of the School
  - Programs Landing page
  - Program Detail page
  - Faculty
  - Research (Unique Landing page)
    - SSE’s main research themes (Static page)
      - This page should be considered one of standards for static pages
    - Grants in progress (Dynamic page)
    - Research Stories (Dynamic page)
    - Research Support (Unique Contact page)
      - Central Laboratories
      - Industrial Liaison
  - Discover SBASSE (Unique Landing page)
  - Education (Unique Landing page)
    - SSE’s Top Thesis (Dynamic page)
    - Graduate Research Calendar (Dynamic page)
  - Undergraduate Education (Unique Landing page)
    - Representative Final Year Projects (Dynamic page)
  - Science for Pakistan (Unique Landing page)
    - Science Stories in English and Urdu (Dynamic page)
    - Multimedia (Dynamic page)
    - Artwork (Dynamic page)
    - SSE Public Lecture Series
  - Safety page (Unique Landing page)
  - Connect (Unique Landing page)
  - News
  - Events
  - Publications
  - Generic Template Options
    - Option 1: https://physlab.org/cepe/#1462779684050-067fa804-ec7b
    - Option 2: https://physlab.org/research-themes/#1591212139363-d82b6d78-3b5f
    - Option 3: http://www.research.gatech.edu/about/evpr-team
Option 4: https://physlab.org/muhammad-sabieh-anwar-personal/
Option 5: https://physlab.org/visitors/
Option 6: https://physlab.org/home/testimonials/
Option 7: https://physlab.org/research-internship/
Option 8: http://catalog.gatech.edu/about/accreditation/#institutetext

Centers are not included in this scope. If centers would be included then the timeframe and pricing would alter accordingly. The generic designs that are not yet provided would be expected to be available for development on time, in case of delay in delivery of designs, the delay in overall timeline for delivery of product would be expected to be entertained from client side.

• **Main Features**
  
  o Faculty Profiles Management (Department-wise)
  o Publications Management (School and Department-wise)
  o Calendar Module Integrated with Research
  o Research Highlights (Featured Item)
  o Programs (Department-wise)
  o Clusters, Groups, and Projects
  o Labs
  o Resources
  o Subscription for Featured Publications
  o News
  o Events
  o Multilanguage Module

• **SEO Friendly**
  
  o All content types and pages should be SEO friendly
  o Sitemap Integration
  o New Standards must be implemented for better SEO and website performance (Google Light House new API)
  o GTmatrix score should be considered
  o Optimized web-based images (Webp)
  o Using ALT tags and other standards
• **Responsiveness**
  
  o The website must be responsive on all common devices (tablets, mobiles, laptops, etc.)

• **Other Considerations**
  
  o The website must be developed using the best development practices
  o All code must be well commented
  o Website load time and speed should be considered
  o W3C Standards for Accessibility
  o Minimized JS, CSS, and JavaScript
Execution Plan

Timeframe

We are confident to provide the desired results within a timeframe of 8 weeks (40 Working Days). We can deliver the product successfully in your given timeframe by prioritizing the tasks to develop first to omit the future difficulties.

1. Milestones will be scheduled to achieve the required production.
Part-IV

Pricing

Our total estimated cost is 1,200,000 excluding tax for SBASSE website development. The table represents the breakdown of cost according to the milestones explained below:

<table>
<thead>
<tr>
<th>Title</th>
<th>Amount (PKR)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Upfront Payment</strong></td>
<td>30%</td>
</tr>
<tr>
<td><strong>Milestone 1 – (4 weeks)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Basic Layout</strong></td>
<td></td>
</tr>
<tr>
<td>- Analysis and Breakdown of Requirements</td>
<td></td>
</tr>
<tr>
<td>- Basic Set-up (Content Types, Views, Domain Access)</td>
<td></td>
</tr>
<tr>
<td>- SBASSE Site Theming &amp; Development</td>
<td>40%</td>
</tr>
<tr>
<td>• SBASSE home page</td>
<td></td>
</tr>
<tr>
<td>• SSE top graduate thesis</td>
<td></td>
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<tr>
<td>• Graduate research calendar</td>
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<td>• Programs detail page</td>
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<tr>
<td>• Department landing page</td>
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<tr>
<td><strong>Milestone 2-- (4 weeks)</strong></td>
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</tr>
<tr>
<td><strong>Remaining Landing and Dynamic pages Development &amp; Theming</strong></td>
<td>30%</td>
</tr>
<tr>
<td>• Publications</td>
<td></td>
</tr>
<tr>
<td>• Connect</td>
<td></td>
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<tr>
<td>• Safety page</td>
<td></td>
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<td>• Research</td>
<td></td>
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<tr>
<td>• Discover SBASSE</td>
<td></td>
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<tr>
<td>• Faculty</td>
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<tr>
<td>• Generic templates development</td>
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<tr>
<td>• On-page SEO implementation</td>
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</tbody>
</table>
**Website Final Review and Tweaks**
- Performance Improvement

**Delivery & Maintenance**
- Free 1-month Support & Maintenance
- Documentation & Training

Free
Part-V

Clauses/Terms & Conditions:

Vendor:

1. **Statement of Work.** Developers will provide website development, programming, support and maintenance services to create the desired product for LUMS.
   - LUMS will provide support for other ERP integrations
   - LUMS will provide support related to infra (webserver etc.)
   - Scope of project need to be complete within 40 days

2. **Obligations.** ASDEV Tech will be responsible for assuring that all the provided materials function properly as intended by LUMS.

3. **Payment Schedule.** ASDEV Tech believes that LUMS will provide 30% of the entire cost beforehand the starting of the project and rest of the cost will be given after the respective milestones.

4. **Project Milestones.** Required material will be provided by LUMS before the milestones starting date. On the completion of a milestone, feedback should be given by LUMS within three working days and the payment of milestones should be released within the next five working days after approval of the milestone.

5. **Maintenance & Technical Support.** ASDEV Tech will provide one front-end developer and one back-end developer remotely for free 1-month maintenance and support services. If LUMS intends to require further maintenance for the websites, ASDEV Tech can provide it with an additional cost.

6. **Amends & Revisions.** ASDEV Tech believes to review the cost if there are additional features or major changes during development or after development with the mutual agreement with client.

7. **Sign of document.** Detailed requirements document with every feature listed will be considered as a sign of document and this document will be shared between ASDEV Tech and LUMS.
Client:

1. Each page/website/module will be considered as completed when it is totally **bug free**, according to requirements, **fully responsive** on all devices.

2. There can be multiple revisions of a page/website/module until it is **completely functional and bug free**.

3. HTML/CSS should be up to mark and according to **W3C standards**.

4. All custom code should be **well commented and well structured**.

5. Drupal development should be according to the **Drupal standards**.

6. LUMS will provide you approved Designs, PSDs and there slicing.

7. **Page loading speed** must be considered as a primary requirement during each page/module development.

8. **SEO friendly** implementation.

9. **Minified JS and CSS** so that page can load fast.

10. **Optimized images** must be used with proper naming conventions.

11. As the design is not finalized yet, there can be **additional custom modules** according to design requirement.

12. **GTMatrix/Google Lighthouse** score will be checked after completion.

13. In the final phase, every page/module will be tested thoroughly so that the website would be totally bug free before final launching.
If both Vendor and Client agree to the terms & conditions of this Contract, please sign below. This Contract will become effective on ____________________.

Vendor ___________________________  Client ___________________________

By: ___________________________  By: ___________________________
Name: ___________________________  Name: ___________________________
Title: ___________________________  Title: ___________________________
Date: ___________________________  Date: ___________________________