<u>Proposal & Agreement</u>

Web Based Solution of Tender Management System

for PWD E/M Division-7

S.B. Nagar, Dhaka

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Contents

1. Project Objectives and Scope

The objective of this project is to develop a web based tender management system for Public Works Department (PWD) E/M Division-7. Currently the organization manages the tenders manually. The divisional authority and staff of Public Works Department (PWD) E/M Division-7 requires a web based system capable of managing individual profile of all their contractors as well as tender billing informations. Therefore, during rush hours the authority can provide accurate and detailed information to their respective clients and authorities.

2. Product Features

The web based tender management system can be modularized into four (4) major modules.

1. Authentication – Staff Authentication / login
2. Admin Module – Administrator panel and related forms design and implementation.
3. APP Management – Forms and Reports related to APP.
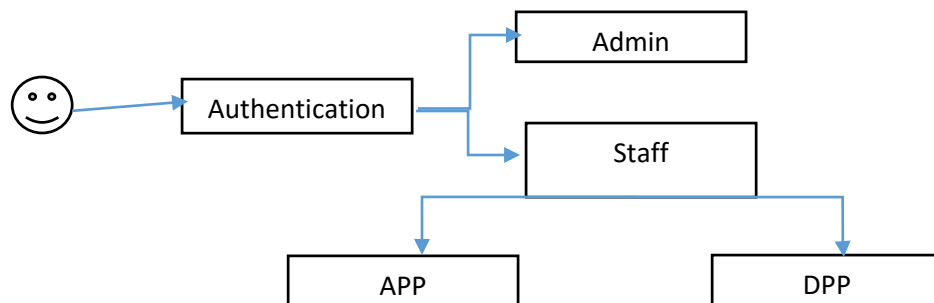4. DPP Management – Forms and Reports related to APP.

Figure 1.1: Module Diagram

3. Design and Implementation Constrains

1. **Iteration-I includes Authentication, Admin and APP management module**. Later modules will be covered in the next iterations.

2. Requirements and related documents (hard copies) of DPP management system is not provided.

3. Software developers are not responsible for any Hardware purchase and management related issues.

4. Prioritize Requirements

Following are the features of the proposed system.

- ➢ PWD Staff authentication
    - Administrator
    - Executive Engineer
    - Assistant Engineer
    - Divisional Accountant
- ➢ Dashboard
- ➢ APP management
    - List of Contractor Agreements (All Users)
    - Add New Contract Agreement (Assistant Engineer)
    - Contractor Agreement Form (Assistant Engineer)
    - List of Contract Awarded to individual contractor (Assistant Engineer)
    - Evaluation of Contractor Agreement Form (Assistant Engineer / Executive Engineer)
    - Detailed List of Contract Awarded to individual contractor with all types of payment details (Executive Engineer / Divisional Accountant)
    - Contractor Agreement Form with payment breakdown (Executive Engineer / Divisional Accountant)
- ➢ DPP Management (Pending Requirements)

5. Operating Environment

Proposed Specification of Operating Server	
Processor	Intel Core i5 / i7
RAM	8 GB
Storage	2 Terabytes
Power	UPS (8-10 Hours Backup)

For implementation, LAN Network connection to all the authorized PC is mandatory.

6. Development Technologies

Proposed Development Technology		
Font End	Programming Languages	PHP 5.6
		Zend Framework
		JavaScript, JQuery, Ajax, HTML, CSS
Backend	Oracle 11G R2	

7. Schedule and Milestones

Proposed Schedule and Milestones	
Authentication (Iteration - 1)	Completed on 21 July 2016
Admin (Iteration - 1)	<mark>Due on 25 September 2016 (Deadline)</mark>
APP Management (Iteration - 1)	<mark>Due on 25 September 2016 (Deadline)</mark>
DPP Management (Iteration - 2)	Due after finalization of requirements

Note: It is assumed that the hardware and network support will be available by the <mark>18th September, 2016</mark>. Schedule and milestones are calculated based on the software development time. Any external issues are not included here.

8. Budget

Proposed Budget for the Web Based Solution of Tender Management System for PWD E/M Division-7: **1,50,000/= BDT (One Lakh and Fifty Thousand Only) <mark>(Only Software)</mark>**

Proposed Budget with Iteration wise Breakdown	
Iteration - 1	1,00,000/= (One Lakh Only) BDT
Iteration - 2	50,000/= (Fifty Thousand Only) BDT
Advance Payment – 40,000/= (Forty Thousand Only) BDT	
**The Budget is Non-negotiable at any stage of the development. Any extra feature may be considered for extra budget depending on the development cost. <mark>Developers will provide three (3) months of Free software maintenance service. Later is chargeable.</mark>	

9. Terms and Conditions

i. Development of each iteration will only be conducted after full payment of the previous iteration. Until full payment system developers are not responsible to provide any source code or related materials.

ii. After full payment of each iteration the source code and related materials will be immediately delivered for production depending on the availability of the Hardware and Network support.

iii. Software developers are not responsible for any Hardware/Network related purchase or management issues. Software developers will provide three (3) months of free software maintenance service.

iv. The software budget is Non-negotiable at any stage of the development. Any extra feature may be considered for extra budget depending on the development cost.

v. The software will be copyright protected. The ownership of all source code and object code of the software belongs to the client.

vi. Software developer does not preserve the rights to reuse this software for any divisions under the Public Works Department as well as for any other government authorities.

☐ I have read and understand this agreement, and accept and agree to all of its terms and conditions. I have been given at least three (3) days to consider this letter of agreement (including Section 4, 7 and 8) and I have chosen to execute this on the date below. I acknowledge that I have not relied on any statement other than those contained in this letter agreement.

Name and Signature of Client   Name and Signature of Developer

_____   _____