



سرکار پنجاب

سرکار پنجاب، لاہور: سرکار پنجاب، لاہور، پاکستان

سرکار پنجاب، لاہور:

سرکار پنجاب، لاہور: (IUL)22-PU/22/2019/82

11 دسمبر 2019

سرکار پنجاب، لاہور: سرکار پنجاب، لاہور، پاکستان

سۆز قىمىتى 1

سۆز قىمىتى

| سۆز قىمىتى   | سۆز قىمىتى  |
|--|-------------|
| <p>سۆز قىمىتى 11 ئىنچىرىنى 2019</p> <p>(IUL)22-PU/22/2019/82</p>         | <p>1.1</p>  |
| <p>سۆز قىمىتى 8.1</p> <p>سۆز قىمىتى 3341403, 3341436</p>                 | <p>8.1</p>  |
| <p>سۆز قىمىتى 9.1</p> <p>سۆز قىمىتى 9.1</p>                              | <p>9.1</p>  |
| <p>سۆز قىمىتى 13.1</p>   | <p>13.1</p> |
| <p>سۆز قىمىتى 18.1</p> <p>سۆز قىمىتى 2019 21</p> <p>سۆز قىمىتى 11:00</p> | <p>18.1</p> |
| <p>سۆز قىمىتى 24.1</p>   | <p>24.1</p> |
| <p>سۆز قىمىتى 28.1</p>   | <p>28.1</p> |
| <p>سۆز قىمىتى 30.1</p>   | <p>30.1</p> |
| <p>سۆز قىمىتى 36.1</p>   | <p>36.1</p> |



"ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ።"

3.3.2 ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ። ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ።

3.3.2 ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ። ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ።

3.3.4 ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ። ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ።

3.3.5 ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ። ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ።

4. ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ። 4.1 ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ።

5. ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ። 5.1 ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ።

6. ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ። 6.1 ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ።

(ሀ) ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ።

7. ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ። 7.1 ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ።

7.1.1 ገጽ 11 ላይ ያለውን ስራ ለማጠናቀቅ ይጠቀሙ።







(ገ) የግብር ስርዓት

17.1 የግብር ስርዓት ለማስፈጸም የሚያስፈልገውን ግብር ለማሰብ የሚችል ሰነድ ማቅረብ ይገባል።

17.2 ይህ ሰነድ ለግብር ስርዓት ማስፈጸም የሚያስፈልገውን ግብር ለማሰብ የሚችል ሰነድ ማቅረብ ይገባል።

17.3 ይህ ሰነድ ለግብር ስርዓት ማስፈጸም የሚያስፈልገውን ግብር ለማሰብ የሚችል ሰነድ ማቅረብ ይገባል።

17.4 ስርዓት ለማስፈጸም የሚያስፈልገውን ግብር ለማሰብ የሚችል ሰነድ ማቅረብ ይገባል።

18.1 የግብር ስርዓት ለማስፈጸም የሚያስፈልገውን ግብር ለማሰብ የሚችል ሰነድ ማቅረብ ይገባል።

18.2 የግብር ስርዓት ለማስፈጸም የሚያስፈልገውን ግብር ለማሰብ የሚችል ሰነድ ማቅረብ ይገባል።

18.3 ስርዓት ለማስፈጸም የሚያስፈልገውን ግብር ለማሰብ የሚችል ሰነድ ማቅረብ ይገባል።

19.1 የግብር ስርዓት ለማስፈጸም የሚያስፈልገውን ግብር ለማሰብ የሚችል ሰነድ ማቅረብ ይገባል።

19.2 የግብር ስርዓት ለማስፈጸም የሚያስፈልገውን ግብር ለማሰብ የሚችል ሰነድ ማቅረብ ይገባል።

(ሀ) የግብር ስርዓት

20.1 የግብር ስርዓት ለማስፈጸም የሚያስፈልገውን ግብር ለማሰብ የሚችል ሰነድ ማቅረብ ይገባል።

20.2 የግብር ስርዓት ለማስፈጸም የሚያስፈልገውን ግብር ለማሰብ የሚችል ሰነድ ማቅረብ ይገባል።

20.3 የግብር ስርዓት ለማስፈጸም የሚያስፈልገውን ግብር ለማሰብ የሚችል ሰነድ ማቅረብ ይገባል።

21.1 የግብር ስርዓት ለማስፈጸም የሚያስፈልገውን ግብር ለማሰብ የሚችል ሰነድ ማቅረብ ይገባል።

- 21.2. مؤسسہ کی طرف سے ایجنسیوں کو فراہم کردہ خدمات،  
 مقررہ مدتوں کے اندر فراہم کردہ خدمات اور ایجنسیوں کو فراہم کردہ خدمات۔
22. مؤسسہ کی طرف سے ایجنسیوں کو فراہم کردہ خدمات۔  
 22.1. مؤسسہ کی طرف سے ایجنسیوں کو فراہم کردہ خدمات۔  
 22.1.1. مؤسسہ کی طرف سے ایجنسیوں کو فراہم کردہ خدمات۔  
 22.1.2. مؤسسہ کی طرف سے ایجنسیوں کو فراہم کردہ خدمات۔  
 22.1.3. مؤسسہ کی طرف سے ایجنسیوں کو فراہم کردہ خدمات۔  
 (مؤسسہ کی طرف سے)
23. مؤسسہ کی طرف سے ایجنسیوں کو فراہم کردہ خدمات۔  
 23.1. مؤسسہ کی طرف سے ایجنسیوں کو فراہم کردہ خدمات۔  
 24. مؤسسہ کی طرف سے ایجنسیوں کو فراہم کردہ خدمات۔  
 24.1. مؤسسہ کی طرف سے ایجنسیوں کو فراہم کردہ خدمات۔  
 25. مؤسسہ کی طرف سے ایجنسیوں کو فراہم کردہ خدمات۔  
 25.1. مؤسسہ کی طرف سے ایجنسیوں کو فراہم کردہ خدمات۔  
 26. مؤسسہ کی طرف سے ایجنسیوں کو فراہم کردہ خدمات۔  
 26.1. مؤسسہ کی طرف سے ایجنسیوں کو فراہم کردہ خدمات۔  
 27. مؤسسہ کی طرف سے ایجنسیوں کو فراہم کردہ خدمات۔  
 27.1. مؤسسہ کی طرف سے ایجنسیوں کو فراہم کردہ خدمات۔  
 27.2. مؤسسہ کی طرف سے ایجنسیوں کو فراہم کردہ خدمات۔







سورۃ صافات - 3

انسانوں کو زندگی بخانا اور موت دینا ان کے لئے آسان ہے

- 33.1 ڈسٹرکٹس "انسانوں کو جاننا اور جاننے والوں کو جاننا، ان کے لئے آسان ہے اور ان کو جاننا اور جاننے والوں کو جاننا آسان ہے۔"
- 33.2 "انسانوں کو جاننا اور جاننے والوں کو جاننا، ان کے لئے آسان ہے اور ان کو جاننا اور جاننے والوں کو جاننا آسان ہے۔"
- 33.3 "انسانوں کو جاننا اور جاننے والوں کو جاننا، ان کے لئے آسان ہے اور ان کو جاننا اور جاننے والوں کو جاننا آسان ہے۔"
- 33.4 "انسانوں کو جاننا اور جاننے والوں کو جاننا، ان کے لئے آسان ہے اور ان کو جاننا اور جاننے والوں کو جاننا آسان ہے۔"
- 33.5 "انسانوں کو جاننا اور جاننے والوں کو جاننا، ان کے لئے آسان ہے اور ان کو جاننا اور جاننے والوں کو جاننا آسان ہے۔"
- 34.1 جہاں انسانوں کو جاننا اور جاننے والوں کو جاننا، ان کے لئے آسان ہے اور ان کو جاننا اور جاننے والوں کو جاننا آسان ہے۔
- 34.2 ان کو جاننا اور جاننے والوں کو جاننا، ان کے لئے آسان ہے اور ان کو جاننا اور جاننے والوں کو جاننا آسان ہے۔
- 34.3 جہاں انسانوں کو جاننا اور جاننے والوں کو جاننا، ان کے لئے آسان ہے اور ان کو جاننا اور جاننے والوں کو جاننا آسان ہے۔
- 35.1 جہاں انسانوں کو جاننا اور جاننے والوں کو جاننا، ان کے لئے آسان ہے اور ان کو جاننا اور جاننے والوں کو جاننا آسان ہے۔
- 35.2 35.1 ان کو جاننا اور جاننے والوں کو جاننا، ان کے لئے آسان ہے اور ان کو جاننا اور جاننے والوں کو جاننا آسان ہے۔
- 36.1 ان کو جاننا اور جاننے والوں کو جاننا، ان کے لئے آسان ہے اور ان کو جاننا اور جاننے والوں کو جاننا آسان ہے۔
- 36.2 ان کو جاننا اور جاننے والوں کو جاننا، ان کے لئے آسان ہے اور ان کو جاننا اور جاننے والوں کو جاننا آسان ہے۔







|   |   |
|---|---|
|   | <p>14 سورۃ قمر کی سورۃ قمر کی سورۃ قمر کی سورۃ قمر / سورۃ قمر کی سورۃ قمر</p> |
| <p>سورۃ قمر کی سورۃ قمر کی سورۃ قمر کی سورۃ قمر</p> |   |
|   | <p>15 سورۃ قمر کی سورۃ قمر کی سورۃ قمر کی سورۃ قمر (سورۃ قمر کی سورۃ قمر)</p> |
|   | <p>16 سورۃ قمر کی سورۃ قمر کی سورۃ قمر کی سورۃ قمر (سورۃ قمر کی سورۃ قمر)</p> |
| <p>سورۃ قمر کی سورۃ قمر کی سورۃ قمر کی سورۃ قمر</p> |   |





4 - جَرْمَانِي

بِي سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ

| سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ |   |   |   |
|---|---|---|---|
| #   | سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ                 | سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ                 | سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ (سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ)                 |
|   |   |   |   |
|   |   |   |   |
|   |   |   |   |
|   | جَرْمَانِي                                      |   |   |
| سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ |   |   |   |
| #   | سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ | سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ | سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ (سَوِيَرِ قَرْمِ سَوِيَرِ قَرْمِ) |
|   |   |   |   |
|   |   |   |   |
|   |   |   |   |
|   | جَرْمَانِي                                      |   |   |







# Form of Performance Bank Guarantee (Unconditional)

To: .....  
[name & address of Purchaser]

WHEREAS ..... [name and address of Supplier] (hereinafter called "the Supplier") has undertaken, in pursuance of Contract No. .... dated ..... to execute ..... [name of Contract and brief description of Works] (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Supplier such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Supplier, up to a total of \*..... [amount of Guarantee] ..... [amount in words], such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of ..... [amount of Guarantee] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

\*An amount is to be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract, in Maldivian Rufiyaa.

We hereby waive the necessity of your demanding the said debt from the Supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Supplier shall in any way release us from any liability under this Guarantee, and we hereby waive notice of any such change, addition, or modification.

This Guarantee shall be valid until the date of issue of the Defects Correction Certificate.

SIGNATURE AND SEAL OF THE GUARANTOR .....

Name of Bank .....

Address .....

Date .....



5 -

| تاريخ المراجعة |               |
|----------------|---------------|
| ملاحظات        | ملاحظات       |
| 33.1           | السنة<br>التي |
| 33.2           | السنة<br>التي |
| 33.3           | السنة<br>التي |
| 33.4           | السنة<br>التي |
| 37             | السنة<br>التي |





## Development of Web Portal for Stock Management System TERMS OF REFERENCE

### 1. Introduction

Ministry of Education (MoE) has taken the initiative to outsource a software development project to enhance its stock and warehouse management. As part of this project, MoE is seeking Consultants to develop a Web Portal for a stock Management System to automate the process of stock and inventory management of the schools, the warehouse and various departments and sections of Ministry of Education.

### 2. General Terms and Conditions

**Applicability** – these general terms and conditions will be observed in preparing the proposal to be submitted.

#### **Terms of Payment -**

**Right to cancel** – MoE may cancel contracts resulting from this agreement at any time for a breach of any contractual obligation by providing the contractor with a written notice of such cancellation. Should MoE exercise its right to cancel, such cancellation shall become effective on the date as specified in the notice to cancel.

**Proprietary Information** – vendor should be aware that the contents of all submitted proposals are subject to public review and will be subject to the Right to Information Act. All information submitted with your proposal will be considered public information unless vendor identifies all proprietary information in the proposal by clearly marking on the top of each page so considered, “Proprietary Information”.

While MoE will endeavor to maintain all submitted information deemed proprietary within it, MoE will not be liable for the release of such information.

**Negotiations** – MoE reserves the right to negotiate all elements, which comprise the vendor’s proposal to ensure the best possible consideration, be afforded to all concerned. MoE further reserves the right to waive any and all minor irregularities in the proposal, waive any defect, and/or reject any and all proposals, and to seek new proposals when such an action would be deemed in the best interest of MoE.

### 3. Project Objectives

MoE’s objective for the development of a Stock Management System:

- Replacing the manual collection of stock information
- Providing information on past, current and upcoming stock movement
- Automate the process of requesting for items
- Minimalize the manual approval procedure by assigning access level roles to users
- Develop a Dashboard which will display notifications on stock information based on user roles
- Enhancing data integration and institutional review efficiency by enabling users to generate reports
- Develop a Content Management System to upload content efficiently to the stock management system
- Improving data integrity, management, reporting and ownership.

#### 4. The Project Scope

##### 4.1 Operational Requirements

The Diagram in FIGURE 1 shows the basic operational requirement of the system from a normal user.

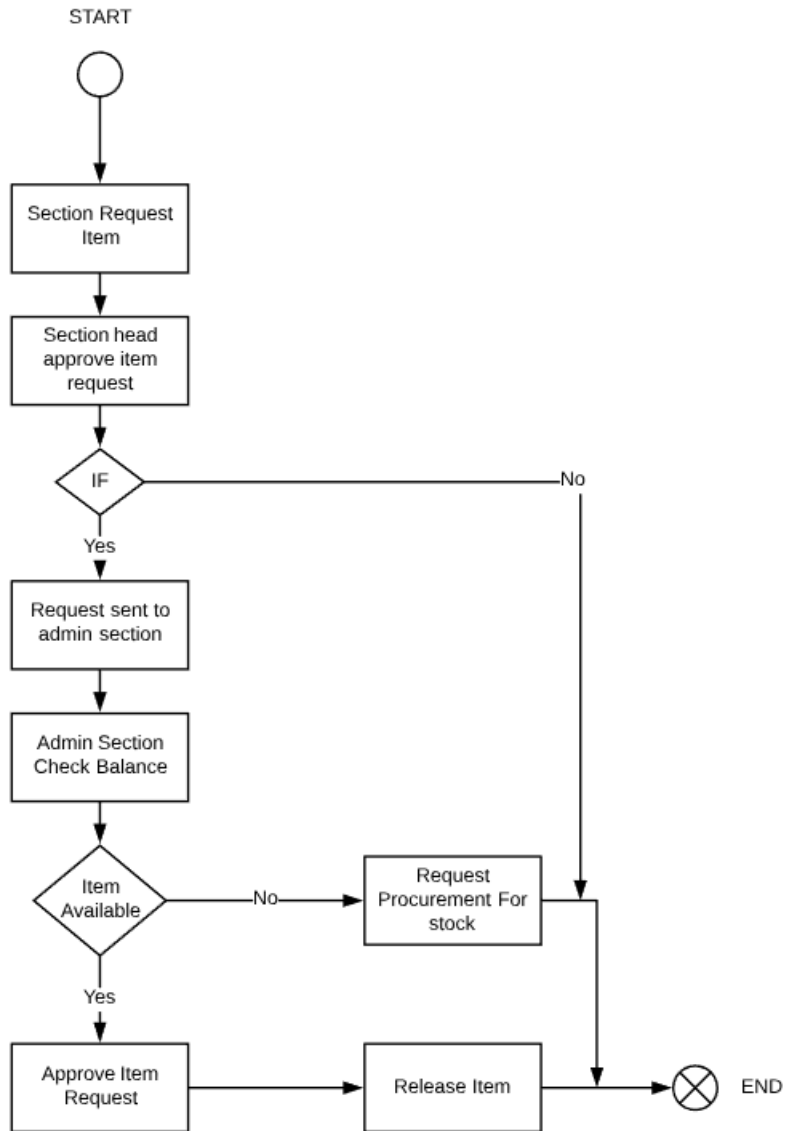


Figure 1

## 4.2 Functional Requirements

- 4.2.1 Design and create a web portal using an appropriate web development framework, (preferably a PHP framework like code ignighter or Laravell) following modern web design standards;
- 4.2.2 Design and maintain an integrated Database of the web portal to ensure data integrity, management, and reporting.
- 4.2.3 Develop a Content Management System (CMS) that supports administrative access to the system with a simpler interface to upload contents and modify contents of the web application.
- 4.2.4 Generate reports based on the collected data about items, stock balance, request information and item issued information.
- 4.2.5 The system should facilitate the ability to register schools and educational institutes to maintain a detailed profile of such establishments.
- 4.2.6 Create a user management facility that features a user registration and log-in facility and allows users to be granted different permissions on the web portal.
- 4.2.7 Prepare a detailed documentation with visual aids (use case diagrams or activity diagrams) describing the functions of the portal and on how the portal was developed and how to install and operation of the web application, including guides on how to update the content of the application.
- 4.2.8 Train MoE staff on how to use the web application.
- 4.2.9 Enable users with specific roles to request items and to approve requests.
- 4.2.10 Design a user role based dashboard with flagging system to identify the urgency of the notification flag.
- 4.2.11 Enable school users to upload item receipts when items are delivered.
- 4.2.12 School users will be able to only view their assets and upload the receipts.

## 5. Approach

This work will be in the form of a web development exercise using an appropriate web development framework. The consultant will be expected to consult with MoE staff. Material collected will be reformatted where necessary for publication on developed web portal.

## 6. Expected Results

A rich and vibrant Stock Management System Web Application which is intuitive and easy to navigate and allow audience engagement to not only engages with the existing resources, but to also contribute views and exchange information.

## 7. Deliverables

1. A fully functional web portal with basic content management system features;
2. Documentation on how to install and operate the web portal (If Required)
3. Web hosting recommendations
4. Training on how to use the web application
5. Milestones: Short list of project milestones
6. Testing: details of how the web portal was tested: At a minimum this section must include:
  1. Functional testing: description of the tests conducted to ensure the agreed functionality has been delivered
  2. Security testing: description of the tests conducted to ensure website security, its results, and outcome

## 8. Desired Candidates' Qualifications and Experience

Applications are expected from suitably qualified individual consultants satisfying the following requirements;

|                            |  |
|----------------------------|--|
| <b>Specific Experience</b> | • Experience in the preparation of website content.  |
|                            | • Experience with web content management systems.  |
|                            | • Experience or familiarity with web development frameworks.   |
| <b>General experience</b>  | • At least 5 years of continuous experience working in Web Development or a related sector.  |
| <b>Education</b>           | • The consultant should be a holder of a Degree in Information Technology, Information Systems, Computer Science, or any other related Degree. |
| <b>Other Skills</b>        | • Professional writing and graphic design skills would be an added advantage.  |
|                            | • Have professional Microsoft Word, Excel and Power Point skills.  |
|                            | • Have a working knowledge of HTML and CSS   |

## 9. Proposal should include the following

- Executive Summary containing a brief description of the proposed project development approach and associated cost.
- Company profile including:
  - a. Relevant Experience including URL's and name, role and contact number of the staff to contact regarding the project
- Site development process
- Methodology adopted for site development
- Technology used in front end development (programming language(s) frameworks adopted, etc.)
- Data base development platform
- Primary site language: English
- Asser and draft deliver methods:
  1. Project stages: description of the stages of the project
  2. Proposed development team and their qualifications and experience
  3. Work Schedule including Gantt chart (both summary and detail must be included)
- Financial Details
  1. Costs
  2. Payment terms
  3. Terms and conditions of the undertaking
- Technical Requirements for the Portal
  1. The portal must adhere to the following requirements
    - a. HTML5 and CSS3. For layout frameworks such as Bootstrap is preferred.

