



**ECM**

## ፩፻፲፲፲፳፭ የኢትዮጵያ ማኅበር ቤት

፩፻፲፲፲፳፭ የኢትዮጵያ ማኅበር ቤት በቃል ተወስኗል፡፡

38/2022/W-013

(IUL)38-AD/38/2022/281

2022 ዓ.ም. 19

የመሆኑን የመረጃ ንብረት፡፡

የመሆኑን የመረጃ ንብረት፡፡

የመሆኑን የመረጃ ንብረት፡፡

የመሆኑን የመረጃ ንብረት፡፡

የመሆኑን የመረጃ ንብረት  
፩፻፲፲፲፳፭ የኢትዮጵያ ማኅበር ቤት

هـ ١٤٣٥ مـ ٢٠١٩

መሆኑን የትምህር ቤት አገልግሎት ማረጋገጫ ተቋማውን ተስተካክለሁ.



وَمُؤْمِنٍ بِرَبِّهِ وَلَا يُشَذِّبُ مِنْ حَمَلَتْ بِهِ أَيْمَانُهُ

ج	م	م
70	$\frac{\text{م} \times 70}{\text{م}} = \text{م}$	م
20	$\frac{\text{م} \times 20}{\text{م}} = \text{م}$	م
10	$\frac{\text{م} \times 10}{\text{م}} = \text{م}$	م

መስጠት የሚችሉ ስርዓት		1
መስጠት የሚችሉ ስርዓት:	መስጠት የሚችሉ ስርዓት:	1.1
38/2022/W-013	መስጠት የሚችሉ ስርዓት:	1.2
(IUL)38-AD/38/2022/281	መስጠት የሚችሉ ስርዓት:	1.3
2022 ዓ.ም. 19	መስጠት የሚችሉ ስርዓት:	1.4
መስጠት የሚችሉ ስርዓት		2
መስጠት የሚችሉ ስርዓት:	መስጠት የሚችሉ ስርዓት:	2.1
መሆኑን ተመዝግበ መስመር ስርዓት:	መሆኑን ተመዝግበ መስመር ስርዓት:	2.2
መሆኑን ተመዝግበ መስመር:	መሆኑን ተመዝግበ መስመር:	2.3
መሆኑን ተመዝግበ መስመር:	መሆኑን ተመዝግበ መስመር:	2.4
መስጠት የሚችሉ ስርዓት:	መስጠት የሚችሉ ስርዓት:	2.5
መስጠት የሚችሉ ስርዓት:	መስጠት የሚችሉ ስርዓት:	2.6
<input checked="" type="checkbox"/>	መስጠት የሚችሉ ስርዓት:	2.7
አዲስ የመስጠት የሚችሉ ስርዓት		
<input type="checkbox"/>	መስጠት የሚችሉ ስርዓት:	
<input type="checkbox"/>	መስጠት የሚችሉ ስርዓት:	
<input type="checkbox"/>	መስጠት የሚችሉ ስርዓት:	
የመስጠት የሚችሉ ስርዓት (የመስጠት የሚችሉ ስርዓት የሚችሉ ስርዓት የሚችሉ ስርዓት የሚችሉ ስርዓት)		3
መስጠት	መስጠት	#
መስጠት የሚችሉ ስርዓት		4
የመስጠት የሚችሉ ስርዓት የሚችሉ ስርዓት የሚችሉ ስርዓት		
መስጠት የሚችሉ ስርዓት የሚችሉ ስርዓት የሚችሉ ስርዓት		
መስጠት የሚችሉ ስርዓት:		

## Introduction

Election Commission of Maldives (herein referred as ECM) invites vendors to submit proposal for "Document Archiving System Solution". ECM requires implementation services to complete all components of this project including consultancy in the process of digitization, implementation, configuration, etc.

## Purpose

1. The purpose behind issuing this RFP is to provide information for technical and commercial bids from the eligible bidders for the above purpose.

## Requirement

- ## 1. Document Archiving System Solution Implementation

## **Scope of Work**

1. Propose and implement an enterprise scale Document Archiving Solution (herein referred as DAS) for 15 users and 5 departments/document types with our existing hardware.
  2. Propose a Document Archiving Policy for selected departments and documents. (All document types of Admin department etc.)
  3. Configure DAS as per ECM archiving policies, standards and requirements.
  4. Testing and configuration of all components of the solution.
  5. Propose backup and recovery options, failover mechanism.
  6. DAS configuration and design must be as par with industry standard best practices on security, performance and scalability.
  7. Recommend necessary Hardware and Software requirement for the proposed solution (Servers, Scanners, operating system, Database etc.)
  8. Training and assistance for assigned end users and administrators and operationalizing the solution.
  9. Propose a maintenance and support mechanism for the entire solution for 1 year.

## **Minimum Vendor Requirements**

Proposal must include below sections

1. Evidence of previous experience specific to content management or document archiving projects
  2. Expected experience – At least 2 projects of similar nature with valid references is a must - include supporting documents (Reference letters/ Testimonials) – preference will be given to local references with similar scale deployments
  3. Details of professional team assigned for this project with their experience and qualification transcripts along with their CVs.
  4. Team must consist of at least 1 member of valid/recognized qualification for Document management and archiving.
  5. All supporting documents must be enclosed in the proposal as a proof of experience and expertise.

6. Authorization letter of the product for the proposed solution.
7. Detailed project implementation plans along with design/architecture.
8. After sales services and maintenance plan (must mention description, duration and payment etc.)
9. Vendor shall propose maintenance and support mechanism and must be clearly mentioned.
10. Project management plan with a timeline must be included with the proposal with breakdown of each important task. (this includes supply, installation, testing, training and all other important components of the project)

#### **Technical Specification**

<b>SPECIFICATIONS FOR DOCUMENT ARCHIVING SYSTEM</b>	
<b>1</b>	System should be accessible through Web browser
<b>2</b>	DAS should be integrated with Active Directory (AD) to enable Single Sign-On and to authorize and authenticate end users.
<b>3</b>	DAS should be able to integrate with external software through APIs (API should be readily available)
<b>4</b>	DAS should be able to maintain logs of all system and end user activities
<b>5</b>	Administrative roles should be able to access the audit logs through standard reporting interface and system log files.
<b>6</b>	Administrator should not be able to see the documents upload by users. Only administration activities should be performed.
<b>7</b>	Other integrated systems should be able to search the DAS. The DAS should be able to provide APIs to enable search.
<b>8</b>	The system should be hosted on premise environment and the licenses proposed must be perpetual licenses.
<b>9</b>	The solution should provide capabilities to store information on a NAS, SAN or a Direct Attached Storage.
<b>10</b>	The solution should provide log details regarding to the below transactions, <ul style="list-style-type: none"> <li>• Logons</li> <li>• Logoffs</li> <li>• Access to data (read, write, change)</li> <li>• Addition/removal of new users, especially administrative users</li> </ul>
<b>11</b>	The DAS should be able to manage the permission of addition, modification, and deletion of sensitive information
<b>12</b>	The DAS should be able to manage each module permission from the admin user
<b>13</b>	The DAS should support below file type of documents to archive and retrieval through the search, <ul style="list-style-type: none"> <li>• PDF</li> <li>• PDF/A</li> <li>• JPEG, GIF, PNG</li> <li>• TIFF</li> <li>• TEXT</li> </ul>
<b>14</b>	The DAS should provide capabilities mentioned below to allow end users to share documents with other users of the solution without having to make duplicated copies based on the authority levels. <ul style="list-style-type: none"> <li>• Print</li> <li>• Download</li> <li>• Share as complete document or part of the document</li> <li>• email as link</li> <li>• email as attachment</li> </ul>
<b>15</b>	The DAS Solution should be able to upload documents as single or as batches/bulk.
<b>16</b>	The system should be able to accommodate customized reports based on our requirement.
<b>17</b>	The DAS should provide with its own capturing application
<b>18</b>	The DAS should provide interface to directly upload and index the documents
<b>19</b>	The DAS should provide interface to onboard the document through MFPs
<b>20</b>	The DAS should have application to upload documents as bulk with index

<b>21</b>	The capture shall support the image formats including PNG, JPG, TXT, multi-page TIFF and PDF/A, and works with black-and-white, grayscale and color images.
<b>22</b>	The DAS should have capability to upload documents with index through 3 <sup>rd</sup> party applications
<b>23</b>	The DAS should have capability to redact certain part of the image before/after upload the document. Should be possible to set up redaction templates in a way to change the look of images for each export destination by redacting certain fields on the image.
<b>24</b>	The Archiving Solution must provide capabilities to record an information objects retention period and destruction date, and flag information objects as expired for future archiving or deletion according to storage legislations and policies.
<b>25</b>	The Archiving Solution must provide capability to assign access and action on documents. Certain documents may be labeled as "Cannot print or email," which restricts documents from unauthorized circulation.
<b>26</b>	The DAS should have capability to generate transaction-based email alerts within the system. Rules are created to send an email alert for the selected person(s) each time when uploading data. Similarly, concerned users are notified when someone tries to access documents from specific document classes.
<b>27</b>	The DAS should have multifactor authentication is used to protect and secure documents be able to gain access through the approval of certain users and be notified when an unauthorized action is being made to highly classified documents.
<b>28</b>	The DAS should have dynamic water marking feature to discourages users to screen capture or mobile capture from the computer screen. User should be able to add visible or nonvisible watermark.
<b>29</b>	The DAS should have capability to classified documents and users from several Security Levels. The highest security level, users should not be able to access the highest security level documents unless they go through an authentication process.
<b>30</b>	The DAS must have search capabilities to search required document with ability to configure search parameters and include information object attributes (metadata) as search parameters.
<b>31</b>	The DAS must provide capabilities to encrypt information stored in the file location
<b>32</b>	The archiving solution should have facility to edit the document and check in, checkout features should be there as feature of the application.
<b>33</b>	The archiving solution should be able to maintain version of the same documents
<b>34</b>	The archiving solution should be able to add annotation of the digitize documents such as underline, highlighting and stamping of the document
<b>35</b>	Below report types should be provided in the proposed system as follows, <ul style="list-style-type: none"> <li>• Log Summary</li> <li>• Portal Access Details</li> <li>• User activities, Print Details, annotations</li> <li>• With filter options, by date and user</li> </ul>
<b>36</b>	The application should have a workflow mode operation (Scanning-Indexing-Release)
<b>37</b>	The application must be capable of creating multiple number of capture profiles or batch profiles depending on the requirement without any restrictions
<b>38</b>	The application should be capable of connecting major brands of latest scanner models which has TWIN drivers including, <ul style="list-style-type: none"> <li>• Canon</li> <li>• Xerox</li> <li>• HP</li> </ul>
<b>39</b>	The application should support form 75 dpi to 500 dpi settings.
<b>40</b>	The scanning setting interface should allow users to set the default image color as B & W, Grayscale or Color and at any time user should be able to change it.
<b>41</b>	The image import option should support for following file types 1.PDF 2.TIFF 3.JPG 4.BMP
<b>42</b>	The scanning and indexing application should allow to create any number of indexes without any limitation.
<b>43</b>	The application should have mechanism to prevent duplicate file names.
<b>44</b>	The application should support for background export without user involvement.
<b>45</b>	The application should support full text OCR file generation
<b>46</b>	The application should support ICR/OCR capability

### ፩-፪ የኩክር ስራ ተስተካክል

#	ማግኘት	ቁጥር
1	አሁን አገልግሎት በኩክር የሚከተሉት የኩክር ስራ ተስተካክል (የኩክር ስራ ተስተካክል የሚከተሉት የኩክር ስራ ተስተካክል):	
2	አሁን አገልግሎት የሚከተሉት የኩክር ስራ ተስተካክል (የኩክር ስራ ተስተካክል):	
3	አሁን አገልግሎት የሚከተሉት የኩክር ስራ ተስተካክል (የኩክር ስራ ተስተካክል):	
4	አሁን አገልግሎት የሚከተሉት የኩክር ስራ ተስተካክል (የኩክር ስራ ተስተካክል):	

(٤-٩٠) مُؤْمِنَةٌ بِالْجَنَاحِيَّةِ وَمُؤْمِنَةٌ بِالْمُؤْمِنِيَّةِ