

EXPRO National Manual of Assets and Facilities Management Volume 13, Chapter 2

Assets and Facilities Management Document Management Procedure



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1.0 PURPOSE

This procedure applies to works performed under all Government Entities' Assets and Facilities Management activities executed throughout the Kingdom of Saudi Arabia. This procedure documents the key processes required to deliver consistent and effective document management services. An Enterprise Content Management System (ECMS) shall be used for storing and controlling all documents.

2.0 SCOPE

This procedure applies to all document management services for Assets and Facilities Management.

3.0 DEFINITIONS

| Definitions | Description | | | | | |
|--|---|--|--|--|--|--|
| Attribute | Information attributed to a document to aid its retrieval from a repository - | | | | | |
| Attribute | sometimes also referred to as metadata | | | | | |
| CDMD | Contractor Document Management Department, which is part of the | | | | | |
| ODIVID | Contractor's Management Team | | | | | |
| | Provides strict obligations regarding the disclosure of the confidential | | | | | |
| Confidentiality Deed | information, including any subsequent information produced from use of the | | | | | |
| | confidential information | | | | | |
| Contractor | One that agrees to furnish materials or perform services at a specified price. | | | | | |
| | Communication between parties, these include, letters, faxes, emails, | | | | | |
| Correspondence | memorandums, administrative resolutions, board administrative resolutions and | | | | | |
| | manual transmittals | | | | | |
| Digital Signature | Digital code that, like a handwritten signature, authenticates and executes a | | | | | |
| | document and identifies the signatory | | | | | |
| Enterprise Content An information management and collaboration platform for managing | | | | | | |
| Management System (ECMS) | controlling documents and records | | | | | |
| Entity | A Saudi Government organization. | | | | | |
| IDR | Inter Department Review | | | | | |
| PDF | Portable Document Format (Adobe) | | | | | |
| AFMDMD | Assets and Facilities Management Document Management Department | | | | | |
| | Assets and Facilities Management Team; is the team deployed by the Entity to | | | | | |
| AFMT | manage the Assets and Facilities | | | | | |
| | Document, book, paper, map, figure, photograph, material sample, or audio, | | | | | |
| | video, computer file regardless of physical form, created or received by Entity | | | | | |
| | personnel through transacting the company's business and preserved or | | | | | |
| Record | deemed appropriate for preservation. Holds the evidence of the organization, | | | | | |
| | policies, procedures, operations, decisions, and other activities or because of | | | | | |
| | the data's information and value, as per Entity's Record Retention Schedule | | | | | |
| | (RRS). | | | | | |
| Subcontractor | Refers to the Subcontractors, Suppliers and Vendors | | | | | |
| Vector PDF | PDF created from the source file instead of creating PDFs by scanning. | | | | | |
| Wet Signed | Created when a person physically signs a document. The word "wet" implies that | | | | | |
| VVCt Olgried | the signature requires time to dry, as it was made with ink | | | | | |

4.0 REFERENCES

- 1. ENT-ID0-PR-000001 Entity Standard Document Numbering Procedure
- EOM-ID0-PR-000003- Assets and Facilities Management Inter Department Review (IDR) Procedure
- 3. EOM-ID0-PR-000004- Assets and Facilities Management Hard Copy Filing Procedure
- 4. EOM-ID0-PR-000005- Assets and Facilities Management Contractor Submittal Management Procedure ENT-IRR-PR-000001- Entity Records Retention Procedure





5.0 RESPONSIBILITIES

5.1 ASSETS AND FACILITIES MANAGEMENT DOCUMENT MANAGEMENT DEPARTMENT (AFMDMD)

Assets and Facilities Management Document Management Department (AFMDMD) shall be established as part of the Assets and Facilities Management Team (AFMT). The AFMDMD will be adequately staffed with both professional and administrative levels of personnel that provide document, record, reprographics services and information management support to a specific Assets and Facilities Management.

- Implement the document control procedures
- Update procedures regularly to align with current work processes
- Ensure document restrictions are set based on the appropriate level of security assigned to them
- Assign the correct attributes to documents in the ECMS e.g. document status, type etc.
- Develop and implement distribution matrices for the Assets and Facilities Management so that information is sent to the required stakeholders in a timely manner
- Establishment of an information management system for all Assets and Facilities Management documents and records
- Provision of in-house reprographics services. Supported by external vendors as required to meet high volume reproduction and reprographic requirements
- Retain hard copies, where required, in secure and dedicated areas provided for filing
- Coordinate training sessions for system users
- Provide reports detailing Key Performance Indicators for the AFMDMD

5.2 ASSETS AND FACILITIES MANAGEMENT TEAM (AFMT)

- Follow the processes outlined in the A&FM document management procedures
- Ensure that the documents they are using are always the current version of the document found in the ECMS
- Ensure all documentation has a document number in line with the Entity Standard Document Numbering Procedure

5.3 AFMDMD KEY POSITIONS

The AFMDMD may consist of the following positions:

5.3.1 ASSETS AND FACILITIES MANAGEMENT DOCUMENT DEPARTMENT MANAGER

Responsibilities include developing A&FM Document Management procedures, managing the team budget, reporting on hours, staffing and training for the AFMDMD personnel, as well as coordination with the Entity and Contractors regarding their submittals. The Document Department Manager shall champion lessons learned and support continuous improvement of work processes.

The A&FM Document Department Manager will configure, manage and audit the Enterprise Content Management System (ECMS) to ensure attributes and workflows are being used correctly.

5.3.2 <u>ASSETS AND FACILITIES MANAGEMENT DEPUTY DOCUMENT DEPARTMENT MANAGER</u>

The A&FM Deputy Document Department Manager will support the A&FM Document Department Manager to provide an effective document control function.

The A&FM Deputy Document Department Manager is required to cascade the related policies and procedures into the work environment. The A&FM Deputy Document Department Manager is "Entity and



Contractor facing" and will proactively develop relationships with their counterparts who work with their respective Document Management teams.

5.3.3 ASSETS AND FACILITIES MANAGEMENT SENIOR DOCUMENT CONTROLLER

The A&FM Senior Document Controller is responsible for ensuring the continuity of work process and maintaining the integrity and quality of the documents and data in the ECMS.

The A&FM Senior Document Controller tasks and activities include:

- Reports to the AFMDMD Managers
- Supervise specific tasks and daily routines of the AFMDMD
- Ensure procedures are adhered to
- Ensure consistency of working practices within the team
- Ensure the delivery protocol is followed by the Contractors
- Ensure the distribution of hard copy and electronic documents is carried out
- Ensure the timely generation of statistical reports
- Operate the ECMS as an Administrator

5.3.4 ASSETS AND FACILITIES MANAGEMENT DOCUMENT CONTROLLER

The A&FM Document Controller will assist the AFMT with the processing of all documents.

A&FM Document Controller tasks and activities include:

- Reports to the A&FM Senior Document Controller
- Register documents into the ECMS
- Scan, copy and print documents where necessary
- Distribute documents internally and externally
- Enforce work instructions to support the approved procedures
- Process documentation in an efficient and timely manner

5.3.5 ASSETS AND FACILITIES MANAGEMENT TECHNICAL CLERK

A&FM Technical Clerk will provide administrative support in the form of collating data, records and other information as and when required and provide general assistance in the preparation of outputs, including printing work as required.

The A&FM Technical Clerk will be responsible to produce the required number of hard copies (prints, DVDs etc.). The A&FM Technical Clerk will report to a A&FM Senior Document Controller.

6.0 PROCESS

6.1 ENTERPRISE CONTENT MANAGEMENT SYSTEM (ECMS)

The Enterprise Content Management System (ECMS) will be used by the AFMDMD to capture, manage, store, preserve, and deliver content and documents. The ECMS covers the management of information within the entire scope of a consistence document management lifecycle, whether that information is in the form of a paper document, an electronic file, or even an email.

6.1.1 <u>ECMS FUNCTIONALITY</u>



The ECMS that is to be selected shall have the following functionality at a minimum:

- Auto Numbering
- Version Control
- Ability to capture Metadata
- Advance Search Features
- Workflow Capabilities
- Transmittal Generation
- User Access Control Settings
- Security Level Control Options
- Electronic Review Markup
- · Reporting Features

6.1.2 ECMS MANDATORY FIELDS

The ECMS that is to be selected shall have the following fields configured at a minimum:

| Field Name | ECMS Configuration | Description of Use | |
|---------------------------|------------------------------|--|--|
| Document Number | Auto number text field | For tagging a document with the unique number required by the applicable | |
| Revision | Text field | document numbering convention | |
| Revision | I ext field | For tagging a document with a revision | |
| Tide | Text field | reference | |
| Title | Text lield | For tagging a document with the | |
| | | applicable title description associated with the document | |
| Reason for Issue | Single select drop down list | | |
| Reason for issue | Single select drop down list | For tagging a document with the | |
| | | appropriate Document Development status | |
| Document Status | Single select drop down list | For tagging a document with the | |
| | | appropriate status reference that is | |
| | | relevant to the document lifecycle | |
| Organization Code | Single select drop down list | For tagging document with an | |
| | | appropriate originating company | |
| Location | Single select drop down list | For tagging a document to classify it | |
| | | with a physical location | |
| Discipline | Single select drop down list | For tagging a document with an | |
| | | appropriate department or discipline | |
| | | classification | |
| Document Type | Single select drop down list | For tagging a document to classify it | |
| | | with an appropriate document type | |
| Revision Date | Date field | For tagging document with an | |
| | | appropriate creation date used on | |
| | | document | |
| Date Received by Document | Date field | The date when the document is received | |
| Management | | by Document Management | |
| Scheduled Completion Date | Date field | For tagging document with an | |
| | | appropriate scheduled completion date | |
| Date Action Complete | Date field | For tagging document with an | |
| | | appropriate action complete date | |
| Alternate Reference No | Text field | For tagging a document with details of | |
| | | alternate reference document number | |
| Reference Documents | Text field | For entering Reference documents | |
| | | relevant to the document to assist in | |
| | | searching and retrieval | |
| Comments | Text field | For entering comments relevant to the | |
| | | document to assist in searching and | |



| Field Name | ECMS Configuration | Description of Use | | |
|-----------------------|------------------------------|--|--|--|
| | | retrieval (e.g. changes between | | |
| | | revisions) | | |
| Record Retention Code | Single select drop down list | For tagging the document to the Record | | |
| | | Retention Schedule | | |
| Handover Index ID | Single select drop down list | For tagging the document to a section | | |
| | | within the Handover book | | |

6.2 CORRESPONDENCE MANAGEMENT

Below are some examples of correspondence types:

- Letter
- Facsimile (fax)
- E-mail
- Memorandum (memo)
- Administrative Resolution
- Manual Transmittal

Assets and Facilities Management correspondence shall:

- 1. Prepared in the mandated templates
- 2. Address the appropriate contact or group for the relevant organization
- 3. Use a unique reference number and issued date
- 4. Use a clear and concise subject line
- 5. Be authorized by the principal contact or designated authority

6.2.1 <u>E-MAIL CORRESPONDENCE MANAGEMENT</u>

E-mail correspondence is considered an informal communication medium. However, if the e-mail discussions develop into a matter of significant business intent, then one of the approved types of formal correspondence shall be used to formally convey the intent. If any party believes that the e-mail correspondence is material to be captured for the related work the e-mail shall be passed onto the AFMDMD to be entered into the ECMS as record as outlined in the Entity Standard Document Numbering Procedure to formalize the correspondence.

If attachments are to be sent with an email, the file size should be smaller than 5 MB. The transfer of larger file size sets shall be accomplished by using either the nominated ECMS process or the File share site. Information that is to be formally submitted shall be covered by a transmittal (described in Section 6.9.2).

6.2.2 FACSIMILE (FAX)

Facsimile correspondence is subject to the protocols of correspondence, however it is regarded as an informal correspondence medium. If any party believes that the facsimile correspondence material to be captured for the related work the e-mail shall be passed onto the AFMDMD to be entered into the ECMS as record as outlined in the Entity Standard Document Numbering Procedure to formalize the correspondence.

6.3 DOCUMENT MANAGEMENT

A&FM related documents will be managed and controlled through the ECMS. The preferred electronic format for the exchange of documents shall be Portable Document format (PDF).

Where possible the AFMDMD will create a vector PDF file of the document by directly converting it from the native file. This allows the PDF to be text searchable as well as improves the legibility and size of file.



If the document is wet signed the signature page shall then be scanned and inserted in the vector PDF to capture the authorizing signatures when applicable.

AFMDMD will upload both the native file and the PDF into the ECMS with the native file being entered as the first version of the specified revision and the PDF then being uploaded over the native file as a higher version in the ECMS. This makes the PDF the current version in the ECMS but also captures the native file as part of the document history which allows it to be accessible when the document is to be revised.

Native files may be utilized if a "live" document is required to be used by the end user e.g. Templates would be uploaded as a native file as the current version in the ECMS.

The integrity of a native file may not be retained after transmission, or after use on a different computer to that in which the file was developed. The user of a file shall verify the file integrity and in the event of a discrepancy the user shall revert back to the native file that is currently in the ECMS or was originally transmitted.

6.3.1 CD/DVD

If a CD/DVD is used, the CD/DVD shall be covered by a transmittal and must be presented in their transparent cases or CD filing wallets with a copy of the transmittal specifying the contents of the CD/DVD. The CD/DVD contents will dictate how the data/information is entered into the ECMS.

The CD/DVD will have the title, transmittal number, document number (if applicable) and received date written on the disk. This information is not to be written on the CD/DVD card insert, but rather on the CD/DVD itself as the CD/DVD card insert will be removed and discarded from the CD/DVD case.

6.3.2 CAD FILES

CAD files shall be exchanged in PDF format, however, at designated milestones, CAD files will be exchanged in native format for technical coordination and review

CAD Drawings typically consist of a number of reference or X Ref files. When exchanging native format CAD files, the files shall be 'bound' with all reference files.

For example, when packaging AutoCAD files, the eTransmit function shall be used to ensure all applicable XRef's, Fonts and Pen tables are captured. The resultant ZIP files should be numbered identically to the drawing file (described in Section 6.6) which is to be upload as a native file into the ECMS (described in Section 6.36.3).

6.4 CONFIDENTIAL RECORDS

Some records may be sensitive and protected by a legal document such as a Confidentiality Deed, which governs the manner in which the staff members are allowed to use the confidential information. The AFMDMD will restrict access to the documentation to these documents based the appropriate confidentiality classifications and will store the document in accordance with the A&FM Hard Copy Filing Procedure.

Consultant personnel are required to sign a confidentiality agreement prior to being able to access the information. Access to specific information records shall be restricted to all, except those parties who have signed a Non-Disclosure Agreement or confidentiality undertaking.

6.5 NUMBERING SYSTEM AND FORMATTING

All A&FM related documents produced shall be generated by using the correct Templates and numbered in accordance with the Entity Standard Document Numbering Procedure, which ensures all documents are assigned a unique reference number.



Document numbers are assigned by the AFMDMD based on the Organization, location, discipline and document type given by the originator of the document.

6.6 DOCUMENT "ELECTRONIC FILE NAMES"

Electronic files will be renamed to capture the complete document number and revision, document titles and descriptions shall not be included as part of the document file name.

Example: MOH-Z00-PR-000001_00A

Note: An underscore " " will be used to separate the document number from the revision.

6.7 DOCUMENT REVIEW AND APPROVAL

The Document Submission Flow Chart (Attachment 1) outlines the process for Contractor Document Submission.

The A&FM Inter Department Review (IDR) Procedure outlines the document development, review and approval processes for documents being created by the AFMT.

6.7.1 <u>INITIAL DOCUMENT REGISTRATION</u>

Upon establishing the appropriate document number, the AFMDMD will register the document number as a placeholder in the ECMS, as this enables the number to be reserved appropriately.

The AFMDMD will enter the document details as part of the registration process.

Below are some examples of document details that will be entered into the ECMS:

- Document number
- Title
- Status ("Not Started" for placeholders)
- Organization
- Discipline
- Document type
- Revision date (date of registration for placeholders)
- Planned submission date (used to report open placeholders)
- Author (requestor of the placeholder)

AFMDMD will notify the originator of the work request once the activity has been completed.

6.7.2 <u>ELECTRONIC DELIVERABLE REVIEW</u>

Documents are to be reviewed electronically, all records (email messages, track changes, etc.) indicating comments or changes to a document need to be captured by the AFMDMD (electronically). These records will be used as evidence of the review process.

The document originator requests the AFMDMD to issue the document for review by either emailing AFMDMD with clear work instruction or by using the using the A&FM Document Control Work Request (Attachment 1). It is important to ensure that the registration of the document by the AFMDMD is complete as outlined in the A&FM Inter Department Review (IDR) Procedure prior to the review being requested.

The originator will specify whether the document is classified as confidential, which would require specific handling requirements (described in Section 6.4).



When sending a document for electronic review, the document will be issued as the native file to the reviewers utilizing the "track changes" option to record the comments undertaken by the reviewers. Reviews can also use the "New Comment" feature or the ECMS mark-up feature to capture their comments.

The reviewers then send the document back with the highlighted changes or comments back to the originator via the IDR workflow. The Document Originator will be cc'd when initiating the IDR workflow, to advise them that the document has been issued for review.

The IDR workflow will capture the names of the reviewers and the date the review is due to be completed.

On completion of the IDR review, the reviewers advise the AFMDMD and document originator that the review has been completed. Once this advice has been received, the document originator accesses the reviewed document mark-ups to assess the respective comments and decide if the document requires further development or it is approved and can be issued for use.

6.7.3 DIGITAL SIGNATURE

Digital signatures should be used as part of the document review and approval process. To ensure legitimacy of the digital signature process, a licensed authentication service provider will produce the required digital authentication certificates for the signatory (the signature's author and owner).

The use of digital signatures will ensure that documents are signed efficiently and effectively which will reduce processing time, administrative effort and reduce the hard copy filing requirements. Certain types of documents may still be wet signed to meet legislative, contractual and organizational requirements. These wet signed documents will be filed as outlined in the A&FM Hard Copy Filing Procedure.

6.7.4 REVISED DOCUMENT REGISTRATION

When a document is changed to incorporate comments, the document shall be revised to the next applicable revision; this process is outlined in the A&FM Inter Department Review (IDR) Procedure.

All subsequent revisions of a document must be registered by the AFMDMD to permit control and traceability. It is the responsibility of the originator of the revised document to ensure both the signed document and native file is forwarded to the AFMDMD.

The original copy (wet signed) and the native file of the document is then filed in the respective electronic formats (described in Section 6.3) and the Hard Copy Filing Library as outlined in the A&FM Hard Copy Filing Procedure. The superseded revision will be archived in accordance with the Entity Records Retention and Turnover Procedure.

The AFMDMD will ensure that the revised document attributes are registered in the ECMS and on completion of recording this information, the document may be issued in accordance with Section 6.11 of this procedure.

6.7.5 APPROVED DOCUMENT REGISTRATION

When the document is ready to be issued for use and approval signatures have been obtained, the signed copy of the document plus the native file shall be forwarded to the AFMDMD, as outlined in the A&FM Inter Department Review (IDR) Procedure.

The AFMDMD uploads both the PDF and the native file into the ECMS (described in Section 6.3) and updates the required attributes to reflect the document status and revision. If the document is wet signed (original) the signature page will be filed as outlined in the A&FM Hard Copy Filing Procedure.

The AFMDMD will ensure that the approved document attributes are registered in the ECMS and on completion of recording this information, the document may be issued in accordance with Section 6.11 of this procedure.



6.8 REVISION CODES AND DOCUMENT LIFECYCLE STATUS

All documents must start at either 00A or 000 depending on their lifecycle status; this is detailed in the Entity Standard Document Numbering Procedure. Documents at their very first issue, cannot be at revisions higher than 00A or 000 i.e. 00B, 00C or 001, 002 etc.

Where a document is generated for information only, it may be allocated a revision status of "For Information" with an alpha revision e.g. 00A, 00B etc. Documents developed "For Information" do not require comments to be advised, as the intent of the document is to be used for information only. Documents developed "For Information" are not to be used for Tendering or Purchasing.

Note: Revision codes **00I** and **00O**, letters **I** and **O** are not to be used to avoid confusion with one **(1)** and zero **(0)**. Therefore **00H** is followed by **00J** and **00N** by **00P**.

6.9 ISSUING AND RECEIVING OF DOCUMENTS

6.9.1 ISSUING DOCUMENTS

The AFMDMD will use transmittals to issue controlled documents to internal personnel as well as to external parties so that it is done in a traceable manner.

There are two methods of issuing transmittals:

- Issue of documents together with associated electronic transmittal generated and issued through the ECMS
- 2. Issue of documents together with associated manual transmittal which is to be registered in the ECMS

Personnel can submit AFMDMD work requests by either emailing AFMDMD with clear work instruction or by using the A&FM Document Control Work Request (Attachment 2).

AFMDMD will notify the originator of the work request, once the activity has been completed.

6.9.2 ECMS TRANSMITTALS

The ECMS will generate the transmittal number and track the transmitted documents automatically within the ECMS Document Register.

The Electronic transmittal shall display the following attributes:

- Transmittal number
- The transmittal issue date
- The recipients the transmittal was addressed to
- Reason for issue
- Response required date
- Transmittal subject line
- Document attributes (document number, revision, title and status)
- Comments/instructions



6.9.3 MANUAL TRANSMITTALS

Manual transmittals are created using the A&FM Transmittal Template (Attachment 3). Manual transmittals should only be used when the transmittal cannot be generated and issued from the ECMS, e.g. when the network is unavailable.

Manual transmittals should be distributed in accordance to the following list when issued:

- 1. Original transmittal the AFMDMD
- 2. Copy of transmittal issued to the recipient's on the transmittal

When issuing the manual transmittal and documents via email the following information shall be included:

- The reason for Issue should be noted i.e. Issued for Information, Issued for Review, etc.
- The documents and the associated manual transmittal being issued will either have a secure link to the transmittal package are electronically attached to the email
- To reduce the cost of tracking the 'acknowledgement' copies of transmittals, consideration should be given to utilizing the 'Read Receipt' function within the email system used.
- Documents issued externally should be PDF unless otherwise stated and should be under 5MB file size (the file share site may be used to transfer larger files. Email notifications with a link to the documents shall be sent to the recipients).

6.9.4 RECEIVING DOCUMENTS

The AFMDMD will be used as the focal point for documentation. All documents shall be submitted formally through the designated ECMS Process.

It is the responsibility of all personnel to ensure that all documents received from any external source are forward to the A&FM Hard Copy Filing Procedure.by either emailing AFMDMD a clear work instruction or by using the A&FM Document Control Work Request (Attachment 2) for hard copy submissions when required. If a document is not submitted to the AFMDMD directly, it is imperative that the AFMDMD notifies the originator of the document of the correct method to formally submit their document to ensure that the documents are registered efficiently and effectivity within the ECMS.

The recipient can forward the submitted documents to AFMDMD via email with the following details:

- The original transmittal accompanying the document, where available
- Date the document was received.
- From whom the document was received
- Any comments included with the document
- Required distribution of the documentation

The recipient should also advise the AFMDMD of any confidentiality requirements which would affect how the documents are filed (electronically and hard copy) and distributed.

AFMDMD will notify the originator of the work request, once the activity has been completed.

6.9..4.1 RECEIVING TRANSMITTALS

When A&FM related documents are received, the transmittal should be forwarded directly to the AFMDMD with the transmitted documents. The AFMDMD inputs the transmittal number as a reference number in the ECMS against the specific revision of the document received.

The transmittal and received documents will then be zipped and entered into the ECMS as the Transmittal number.



All transmittals that specify an acknowledgement are required to be acknowledged and returned to the originator with the date received together with the receiver's signature.

6.10 STORAGE OF ELECTRONIC AND HARD COPY DOCUMENTS

Documents must be filed correctly within the filing systems for easy reference and to allow other personnel to access the information. There are three (3) main types of storage:

- Hard Copy Filing Library managed and controlled by the AFMDMD
- Enterprise Content Management System (ECMS) electronic documents managed and controlled by the AFMDMD
- Electronic Filing System managed and controlled by the relevant departments

Regardless of the storage method used, access to confidential documents shall be restricted to authorized personnel only.

The following sections outline the use of these filing systems.

6.10.1 ASSETS AND FACILITIES MANAGEMENT HARD COPY FILING LIBRARY

The AFMDMD will maintain the Hard Copy Filing Library which is outlined in the A&FM Document Control Filing Procedure. All original wet signed pages of the document are required to be filed in the Hard Copy Filing Library.

All other documentation will be filed as an electronic copy within the ECMS unless instructed by the AFMDMD Manager to include the document as part of the Hard Copy Filing Library.

Anytime a document is revised within the Hard Copy Filing Library the previous version will be removed from the Hard Copy Filing Library and stored in accordance with the Entity Records Retention Procedure. This minimizes the risk of unintended use of obsolete documents while ensuring the document development history remains available for reference if required.

6.10.2 ENTERPRISE CONTENT MANAGEMENT SYSTEM (ECMS)

The ECMS is a formalized means of organizing and storing the documents, and other content, that relate to the organization's processes.

The ECMS will be managed by the AFMDMD to control the documents by using "Access Control" to limit personnel to read only access and edit rights given to AFMDMD to upload, update and transmit documents.

The ECMS aims to make the management of information easier through simplifying storage, security, version control, process routing, and retention. The benefits to include, improved efficiency, better control, and reduced costs.

6.10.3 <u>ELECTRONIC FILING SYSTEM</u>

An electronic filing system (network drive) can be used as a working data directory where Personel participants may store documents that are being worked on or are in the process of being revised.

The network share drives will be used to share information and documents informally between internal personnel as a secure transfer/work in progress collaboration service or where large electronic files are involved (which exceed email size limitations).

6.11 ASSETS AND FACILITIES MANAGEMENT DISTRIBUTION MATRIX

The distribution matrix shall be defined for each department and document type. This will enable the smooth and efficient distribution of data for Information, Review and Approval. If a matrix is not clearly defined (i.e.



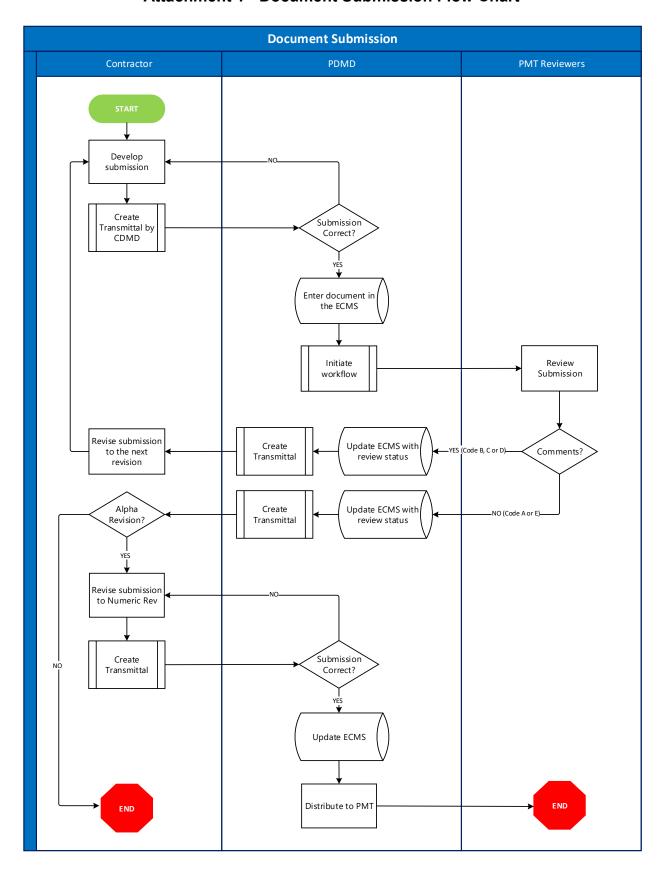
does not detail the relevant recipients), or does not exist, it can cause delays to the Work and associated stakeholders.

7.0 ATTACHMENTS

- 1. Document Submission Flow Chart
- EOM-ID0-TP-000001 Assets and Facilities Management Document Control Work Request Template
- 3. EOM-ID0-TP-000002 Assets and Facilities Management Transmittal Template
- 4. EOM-ID0-TP-000003 Assets and Facilities Management Distribution Matrix Template



Attachment 1 - Document Submission Flow Chart





Attachment 2 - EOM-ID0-TP-000001 - Assets and Facilities Management Document Control Work Request Template

| 3VL 705 | EXPRO |
|------------|---------|
| + | Project |

Assets and Facilities Management Document Control Work Request Template

| Project | | | Projec | t No. |
|--|----------|--|---------------------------------------|----------------------------|
| Originator Extension No. | | | | |
| + - | | | | Submitted |
| Date documents to be issued Date Due Time documents to be issued Discipline | | | | |
| | | | | |
| DOCUMENT INFORMATION | Attach | document list or insert a | dditional lines as requir | red) |
| Document Number | Rev | Description | | |
| Documents Issued For | tractor | Review Hazid/Haz/ | lp. Proposal | ↑ Tender |
| Approval Con | | Information | Purchase | Use |
| _ | ty Revi | | \setminus = \setminus \setminus | ☐ Cancellation |
| = : = | mate | ☐ Photocopyin | | |
| Hard copy Oth | ar (nlaa | se specify): | | |
| — Filing — | | | | |
| DOCUMENT DISTRIBUTION | | stribution Matrix Dist. Code | | As per manual list (below) |
| Manual Distribution List (use | only if | | | |
| Name | < | Company | Email | |
| | D | | | |
| DOCUMENT HARDCOPY PR | | | | |
| Bound (clear front & card | | | Bulldog Clip | Stapled |
| Single Sided | | = : | Reduced (A3 to A4) | A3 Flat |
| A1 folded to A4 Is Quality Verification Requirements | | | Other (Describe): Yes | ■ No |
| DOCUMENT SOFTCOPY PRE | | | Z 163 | <u>□</u> 140 |
| Adobe .pdf files (scan "we signature" original) | t 🔲 | Adobe .pdf files electronic conversion) | Native AutoCAD file | Native MicroStation file |
| Native MS Word file | | Native MS Excel file | Other (Describe) | |
| ELECTRONIC FILE PATH LO | CATIO | V: | | |
| Any Specific Instructions (e.g. | | | shared drive, etc.): | |
| To be transmitted by 🔲 E | CMS | ☐ Email ☐ Cou | ier Internal | □ CD/DVD |



Attachment 3 - EOM-ID0-TP-000002 - Assets and Facilities Management Transmittal Template



Assets and Facilities Management Document Transmittal Form Template

| Transmittal No: EOM | -ID0-TP-00 | 00002 | | Date: | | | |
|---|------------------|--|--|--|-----------------|--|--|
| To From | | | | | | | |
| Revelers Name | Revelers Name | | | | Management 1 | ream . | |
| Receiving Compay Name Adress line 1 Adress line 2 Adress line 3 County Phone Number | | | Adress lin Adress lin Adress lin County | Project Company Name Adress line 1 Adress line 2 Adress line 3 | | | |
| Project / Dept.: | | | | | | | |
| Subjet: | | | | | <u> </u> | | |
| The following is being trans | mitted | | | | | | |
| ☐ Drawings | ☐ Prints | | Plans | | 28 | gples | |
| ☐ Specifications | Copy of | Letter | ☐ Change C | Order | Pro | cedures | |
| Contractor Documents | ☐ Invoices | / Expense Claim | s Other | | | | |
| Document No | Rev | | Tiltie | $\overline{}$ | | Status | |
| | | | | | | | |
| | | | | | | | |
| | | | $\overline{\backslash}$ | | | | |
| | | 191 | \searrow | | | | |
| | | | | | | | |
| | 18 | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | | | | |
| Attached Transmitted via | File Tran | sfer Protocol (FT | P) | | | | |
| | | | | | | | |
| Electronic Delivery | Hard Cop | by Delivery | Registered | Mail | Courie | 17 | |
| ☐ For Approval | ☐ Fo | r Information | | | lot Approved – | Resubmit | |
| For Use | For Use Approved | | | | tejected / Resu | bmit | |
| □ For Review and Comment □ Approved with Comments - | | | | mit 🔲 C | anceled | | |
| As Noted | Oti | her | | | | | |
| Remarks | | | | | | | |
| | | | | | | | |
| Copy to | | | Signed | | | | |
| Received by | | | Date (Sees) | | | | |
| | | | | | | | |



Attachment 4 - EOM-ID0-TP-000003 - Assets and Facilities Management Distribution Matrix Template

Add header

