Written under contract for the RMS Center,
Los Angeles District, U.S. Army Corps of Engineers

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Table of Contents

Introduction ................................................................. 1
What Is RMS, QAS, and QCS? ........................................... 1
Opening Screens ............................................................ 2
RMS Opening Screen ...................................................... 2
  Archive a Contract ...................................................... 3
  How the Archive Feature Works .................................... 3
Review the Steps to Install and use QAS ......................... 4
Actual Installation of QAS .............................................. 4
  Assign QAS User Role and Password ......................... 9
  Choose contract for using QAS ................................. 10
  Contract Setup for QAS ............................................ 10
Assign Remote QAS Site .............................................. 11
Assign one or more RMS Modules to the Remote QAS Site ................................................. 13
Export the Contract to the Remote QAS Site .................. 15
Add a new contract to the QAS Program ....................... 17
Request Export File .................................................... 17
Import from SFTP .......................................................... 18
Import from File ........................................................... 18
Automated Import and Export ....................................... 19
Log in to QAS .............................................................. 19
  Enter Contact Information in QAS ............................ 20
Contract is now added to the QAS Program .................. 21
Warning! On use of Remote QAS and QCS Sites ............. 21
Updating the QAS Program .......................................... 22
QCS Opening Screen ...................................................... 23
About This Manual ....................................................... 23
RMS Center Tools ........................................................ 23
RMS Center Assistance ............................................... 24
Connect to Live Assist ................................................... 25
Chapter 1 - Overview, Basics and Logging In ................... 1
  What this Chapter presents: ........................................ 1
  Logging Into the System ............................................ 1
  Logging Into the System Via the RMS Website and Citrix .................................................... 3
Menu Bar Options ........................................................ 8
Local Office Module .................................................... 8
  P2 Projects ............................................................... 9
  P2 Project Structure .................................................. 9
<table>
<thead>
<tr>
<th>Chapter 4 - Entering Contract Status And Description</th>
<th>TOC - 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>What this Chapter presents:</td>
<td>1</td>
</tr>
<tr>
<td>Adding a Contract for Training or Read Only Purposes</td>
<td>4</td>
</tr>
<tr>
<td>Local Office Module</td>
<td>2</td>
</tr>
<tr>
<td>Office Description</td>
<td>3</td>
</tr>
<tr>
<td>Deleting an Office</td>
<td>4</td>
</tr>
<tr>
<td>Local Office – Office Personnel</td>
<td>5</td>
</tr>
<tr>
<td>Office Administration Rights</td>
<td>6</td>
</tr>
<tr>
<td>Full Rights Screen</td>
<td>6</td>
</tr>
<tr>
<td>Selected Rights Screen</td>
<td>6</td>
</tr>
<tr>
<td>Office Personnel</td>
<td>7</td>
</tr>
<tr>
<td>Local Office Personnel</td>
<td>7</td>
</tr>
<tr>
<td>Other Personnel</td>
<td>7</td>
</tr>
<tr>
<td>Inactive Personnel</td>
<td>7</td>
</tr>
<tr>
<td>Office Policy</td>
<td>8</td>
</tr>
<tr>
<td>Contract Personnel</td>
<td>9</td>
</tr>
<tr>
<td>Project Delivery Team Members</td>
<td>9</td>
</tr>
<tr>
<td>Contract Personnel User Roles</td>
<td>10</td>
</tr>
<tr>
<td>Chapter 2 - Office and Staff Setup</td>
<td>1</td>
</tr>
<tr>
<td>What this Chapter presents:</td>
<td>1</td>
</tr>
<tr>
<td>Steps to success to use RMS</td>
<td>1</td>
</tr>
<tr>
<td>Local Office Module</td>
<td>2</td>
</tr>
<tr>
<td>Office Description</td>
<td>3</td>
</tr>
<tr>
<td>Deleting an Office</td>
<td>4</td>
</tr>
<tr>
<td>Local Office – Office Personnel</td>
<td>5</td>
</tr>
<tr>
<td>Office Administration Rights</td>
<td>6</td>
</tr>
<tr>
<td>Full Rights Screen</td>
<td>6</td>
</tr>
<tr>
<td>Selected Rights Screen</td>
<td>6</td>
</tr>
<tr>
<td>Office Personnel</td>
<td>7</td>
</tr>
<tr>
<td>Local Office Personnel</td>
<td>7</td>
</tr>
<tr>
<td>Other Personnel</td>
<td>7</td>
</tr>
<tr>
<td>Inactive Personnel</td>
<td>7</td>
</tr>
<tr>
<td>Office Policy</td>
<td>8</td>
</tr>
<tr>
<td>Contract Personnel</td>
<td>9</td>
</tr>
<tr>
<td>Project Delivery Team Members</td>
<td>9</td>
</tr>
<tr>
<td>Contract Personnel User Roles</td>
<td>10</td>
</tr>
<tr>
<td>Chapter 3 Adding, Selecting &amp; Deleting a Contract</td>
<td>1</td>
</tr>
<tr>
<td>What this Chapter presents:</td>
<td>1</td>
</tr>
<tr>
<td>Selecting a New Contract</td>
<td>1</td>
</tr>
<tr>
<td>Adding a New Contract</td>
<td>2</td>
</tr>
<tr>
<td>Adding a Contract for Training or Read Only Purposes</td>
<td>4</td>
</tr>
<tr>
<td>Deleting a Contract</td>
<td>6</td>
</tr>
<tr>
<td>Chapter 4 - Entering Contract Status And Description</td>
<td>1</td>
</tr>
<tr>
<td>What this Chapter presents:</td>
<td>1</td>
</tr>
<tr>
<td>Entering Contract Status And Description</td>
<td>1</td>
</tr>
<tr>
<td>Contract Status</td>
<td>2</td>
</tr>
<tr>
<td>Contract Status – Future Phase</td>
<td>2</td>
</tr>
<tr>
<td>Status / Issues Tab</td>
<td>2</td>
</tr>
</tbody>
</table>
Chapter 5 - Contract Setup and Planning Data ................................................................. 1
What this Chapter presents: .............................................................................................. 1
Contract Setup and Planning Data .................................................................................. 2
Contract Setup – Administration / Funding Tab ............................................................... 2
Progress Payments – Additional Earnings ....................................................................... 2
Funding: Track CWE -- Options ...................................................................................... 3
Option 1 .......................................................................................................................... 3
Option 2 .......................................................................................................................... 3
Option 3 .......................................................................................................................... 3
Currency Type ................................................................................................................ 3
Contract Setup – Payments/Modifications Tab ................................................................. 4
Payment .......................................................................................................................... 4
ACO and CO Modifications ............................................................................................. 4
Contract Setup - Quality Assurance Tab ......................................................................... 5
ACO and CO Modifications ............................................................................................. 4
Contract Setup – Submittal/Schedule Tab ..................................................................... 6
Will there be more than one Submittal Register? .......................................................... 6
Compute Submittal Need Dates based on Activity Schedule ......................................... 7
Activity Schedule .......................................................................................................... 7
Manually enter Scheduled Start/Finish Dates ................................................................. 7
Import Scheduled Start/Finish Dates from NAS ............................................................. 7
Do you want QCS to require the contractor to use actual start and finish dates from the
QC Reports on the NAS? ............................................................................................... 7

Chapter 6 - Correspondence .......................................................................................... 1
What this Chapter presents: .............................................................................................. 1
Overview .......................................................................................................................... 1
Adding Correspondence in RMS ..................................................................................... 2
Generating Form Letters ................................................................................................. 3
Copying a Document from another Library ..................................................................... 4
Setting up RMS and MS Word ......................................................................................... 5
Using RMS with MS Word - Word Automation ............................................................. 5
Add an icon to the MS Word toolbar .............................................................................. 7
RFI’s (Request for Information) ..................................................................................... 8
RFI Answered by Government ....................................................................................... 10
Government Response to RFI ....................................................................................... 10
RFI Notification in RMS and QCS ................................................................................. 12
QCS Correspondence Module ....................................................................................... 12
Contract Documents ...................................................................................................... 13
Supporting Documents ................................................................................................. 14
### Add a Supporting Document ................................................................. 15

### Chapter 7 – CEFMS and Finances ......................................................... 1
What this Chapter presents: ................................................................. 1
Overview ................................................................................. 1
CEFMS and Finances ........................................................................ 1
CEFMS Finances ............................................................................ 2
Contract Funding – CEFMS Work Item Codes ................................. 3
Contract Funding ................................................................. 5
Funding Balances ............................................................. 6
Obligation Balances ............................................................. 7
Award CLINS and SubCLINS ..................................................... 8

### Chapter 8 – Contractor Pay Activities .................................................. 1
What this Chapter presents: ................................................................. 1
Importing Contractor Pay Activities ................................................... 1
Turning Off QCS from Contract Setup ............................................... 3
Import SDEF File ........................................................................ 3
Contractor Pay Activities ............................................................. 6
Mandatory Entry Elements for Pay Activities .......................................... 7
Description ............................................................................... 7
CLIN ...................................................................................... 7
Amount .................................................................................. 7

### Chapter 9 – Contract Change Requests ............................................... 1
What this Chapter presents: ................................................................. 1
Overview ................................................................................. 1
Prefix Code for Change Requests ........................................................ 2
Contract Change Requests .............................................................. 2
Stage Codes .............................................................................. 4
Mod Reason Codes ......................................................................... 5
Award Options .............................................................................. 5
Controllable ................................................................................. 5
Uncontrollable .............................................................................. 5
Sample – Basic Change Document (BCD) Form – Partial Only .................. 7

### Chapter 10 - Contract Modifications ..................................................... 1
What this Chapter presents: ................................................................. 1
Overview ................................................................................. 1
Contract Modifications ........................................................................ 2
SF30 - Page 1 Tab .......................................................................... 3
SF30 - Page 2 Tab .......................................................................... 4
SF30 Block 2 ................................................................................ 4
SF30 Block 4 ................................................................................ 4
SF30 Block 12 ................................................................................. 4
SF30 Block 13 ............................................................................... 4
SF30 Block 14 ................................................................................. 5
SF30 - Page 3 Tab .......................................................................... 5
SF30 Block 14 (continued) ................................................................. 5
SF30 Block 15A .............................................................................. 5
SF30 Block 16A .............................................................................. 5
Release Mod Tab ........................................................................... 6
Pay Activity Tab ........................................................................... 7
<table>
<thead>
<tr>
<th>Chapter 11 - Contractor Payments</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>What this Chapter presents:</td>
<td>1</td>
</tr>
<tr>
<td>Overview</td>
<td>1</td>
</tr>
<tr>
<td>Adding a Progress Payment</td>
<td>2</td>
</tr>
<tr>
<td>Prompt Payment / Pay Requests from QCS</td>
<td>3</td>
</tr>
<tr>
<td>Prompt Payment Certification Report (Page 1)</td>
<td>4</td>
</tr>
<tr>
<td>Contractor’s Pay Request Worksheet</td>
<td>5</td>
</tr>
<tr>
<td>Obligation Payment Terms</td>
<td>6</td>
</tr>
<tr>
<td>CEFMS Set Up for ENG 93 Payments</td>
<td>7</td>
</tr>
<tr>
<td>SPS Set Up for Payment Terms</td>
<td>8</td>
</tr>
<tr>
<td>Sending Payment to CEFMS</td>
<td>9</td>
</tr>
<tr>
<td>Reports for Progress Payments</td>
<td>10</td>
</tr>
<tr>
<td>Chapter 12 - Contractor Quality Control - Planning</td>
<td>1</td>
</tr>
<tr>
<td>What this Chapter presents:</td>
<td>1</td>
</tr>
<tr>
<td>Required Planning Activities:</td>
<td>1</td>
</tr>
<tr>
<td>Administrative:</td>
<td>1</td>
</tr>
<tr>
<td>Quality Assurance / Quality Control:</td>
<td>1</td>
</tr>
<tr>
<td>Overview</td>
<td>2</td>
</tr>
<tr>
<td>Quality Control Requirements</td>
<td>2</td>
</tr>
<tr>
<td>Prime Contractor Data</td>
<td>3</td>
</tr>
<tr>
<td>Responsibility Code –</td>
<td>3</td>
</tr>
<tr>
<td>DUNS (CEC) No –</td>
<td>3</td>
</tr>
<tr>
<td>Contractor Short Name / Contractor Name –</td>
<td>4</td>
</tr>
<tr>
<td>NAICS Code –</td>
<td>4</td>
</tr>
<tr>
<td>Office to receive payments</td>
<td>4</td>
</tr>
<tr>
<td>Contractor Representative to Review Contractor Evaluation (DD2626)</td>
<td>4</td>
</tr>
<tr>
<td>Prime Contractor Data in District Office Module</td>
<td>5</td>
</tr>
<tr>
<td>Manually Add Contractor to District Office Module</td>
<td>5</td>
</tr>
<tr>
<td>Copy Prime Contractors from Existing Contracts</td>
<td>6</td>
</tr>
<tr>
<td>Copy Prime Contractor Data from District Office Module</td>
<td>7</td>
</tr>
<tr>
<td>Prime Contractor Data is Copied to Contract</td>
<td>8</td>
</tr>
<tr>
<td>Subcontractor Data</td>
<td>9</td>
</tr>
<tr>
<td>QC Planning Data</td>
<td>11</td>
</tr>
<tr>
<td>Features of Work</td>
<td>11</td>
</tr>
<tr>
<td>3 Phase Inspections</td>
<td>12</td>
</tr>
<tr>
<td>Hazard Analysis</td>
<td>12</td>
</tr>
<tr>
<td>Hazard Analysis Report (Sample)</td>
<td>14</td>
</tr>
<tr>
<td>QC Requirements</td>
<td>15</td>
</tr>
<tr>
<td>Quality Control Tests</td>
<td>15</td>
</tr>
<tr>
<td>User Schools</td>
<td>15</td>
</tr>
<tr>
<td>Installed Property</td>
<td>16</td>
</tr>
<tr>
<td>Transfer Property</td>
<td>16</td>
</tr>
<tr>
<td>Equipment Checks</td>
<td>17</td>
</tr>
<tr>
<td>Dredging Equipment</td>
<td>18</td>
</tr>
<tr>
<td>Exposure Hours</td>
<td>19</td>
</tr>
<tr>
<td>Monthly Injuries/Illnesses &amp; Exposure Report</td>
<td>20</td>
</tr>
<tr>
<td>Exchanging Data between RMS/QAS and QCS</td>
<td>21</td>
</tr>
</tbody>
</table>
RMS maintains four types of schedules:

- Activity Schedule
- Milestone Schedule
- Placement Schedule
- Feature Schedule

Standard Data Exchange Format (SDEF):
- Feature for the SDEF
- RMS and the SDEF
- Contract Specified Project Schedule
- District Milestone Events – District Library
- Local Milestone Events – Local Office Module
- Milestone Reports - Summary Reports
- Monthly Progress
- Activity Schedule
- Feature Schedule

CHAPTER 18 - Closeout Activities

Closeout Activities in RMS:
- Real Property
- Transfers – DD Form 1354
- Sample - DD Form 1354 Report Form
- Sample - Real Property Form – DD Form 1354
- Transfer and Acceptance of Military Real Property – Page 1
- Installed Property
- Transfer Property (Requisitions - DD Form 1149)
- Requisition and Invoice Screen
- DD 1149 Input Screens
- Sample Transfer Property Form – DD Form 1149
- Requisition and Invoice/Shipping Document – Page 1 of 1
- Contractor Evaluations – DD Form 2626
- RMS / CCASS Interface
- Is your Contractor having trouble gaining access to CCASS?
- The DD Form 2626 Report Form
Sample - DD Form 2626 Report Form ................................................................. 18
Sample - DD Form 2626 Report Form - Page 2 of 2 ........................................... 19
Warranty Inspections ......................................................................................... 20
4 Month, 9 Month, and 12 Month Warranty Inspection ....................................... 22
Transfer Warranty Items to Contractor (QCS) .................................................. 24
What Is RMS, QAS, and QCS?

The Resident Management System (RMS) is a user-friendly comprehensive system for the expedient and effective management of construction contracts through tracking and documentation of all facets of a contract by Corps of Engineers’ field offices and contractors. RMS uses Oracle © for the software platform.

The Quality Assurance System (QAS) is an extension of RMS for Government personnel to use remotely from the main RMS software program. Certain modules/tasks can be assigned by RMS to be accomplished with QAS and such modules/tasks will become Read Only in the RMS program. The program can import and/or export to and from RMS to synchronize both programs. QAS uses Firebird© as the software platform.

The Quality Control System (QCS) is the Contractor Module of RMS that construction contractors utilize to exchange information electronically with the Government. The QCS program includes a Remote QCS Program module that allows the Master QCS Site to assign various modules to one or more remote QCS sites. It operates similar in principle to the QAS program that is used remotely from the Government program (RMS). QCS also uses Firebird© as the software platform.
Opening Screens

RMS Opening Screen

This is often referred to as the “contracts control center”. It is where you choose the contract you are looking for and wish to work with.

Archive a Contract

You may also decide to Archive contracts as they become complete, as is shown here:
How the Archive Feature Works

Only a System Administrator, an Office Administrator with full Office Administration Rights, or an Office Administrator with Add/Restore Contracts and Delete/Archive Contracts will be able to utilize the Archive feature.

Eventually, there will be a single archive database for the entire Corps of Engineers offices and it will reside at the WPC, Portland, Oregon. Once a day, a service will run at the WPC and will pull any archived contracts from the normal RMS database into the RMS Archive Database. The RMS Center is tasked to run all program updates on the RMS Archive Database as they are released to ensure that the archived/deleted contracts will be able to be added back to the live RMS database. Once you Archive a contract, it will be removed from your database.
Archive Users will actually log into the archive RMS just like they would log into their normal (live) RMS database.

When you elect to Add a contract to your normal RMS, you will be given choices to add a new contract, restore an archived contract, or to restore a deleted contract. If you choose to restore a deleted or archived contract you will see a listing of all available archived and deleted contracts for your District. These features are still under construction.

**Review the Steps to Install and use QAS**

1. Download the QAS program (QASSETUP############.exe) from the RMS Center.
2. Launch the exe File to begin the installation of QAS.
3. Upon completion of the QAS installation, import a contract from RMS.
   a. RMS must indicate that you will be a QAS User (Office/Office Personnel/Staff Assignments and Administration / User Roles). You must also have a QAS password.
   b. RMS must indicate that the contract will use QAS (Administration/Contract Setup/ and Administration/Funding).

**Actual Installation of QAS**

After downloading QAS from the RMS Center, double-click on the exe file (or use the Windows “Run” command) and the installation process will begin. It will start by extracting the QAS Setup files and then it will be ready to install, as indicated on the following screens.
Typically, QAS will be used in the field (or field office) with a stand-alone computer (either a desktop or laptop) that is not connected to the RMS program. The installation, by default, assumes you will need the Firebird ® database installed as a “Server and Client”, as shown below.

If you desire, or need to install QAS on a network you can select **Force Different Install Type** on the above screen and choose to install the Server only or the Client only, as seen below.

Click the Next> button following your choice of Installation type.
We will assume the default installation of “Server and Client”.

Note: When you install QAS the first time, this line will read: “Install Empty QAS Database”. In this example, an UPDATE to QAS is being installed.

The program will then backup your QAS database (if existing) and let you know where it is on your computer should you need to reinstall it.
It will then update and validate your existing database. This occurs when you migrate from one version (i.e., 2.35) to another version (i.e., 2.36).

When the program completes the installation you will see a “QASSchema Log – Notepad” window. Unless you are a geek, this window will not be of any consequence or interest and can be ignored by simply closing it.

Click “Finish” to launch the QAS program.

You can close the QASSchema log when it shows up.
If you do not yet have any contracts in your QAS program you will need to get an import from the RMS program for the contract you will be working with.
Assign QAS User Role and Password

At this point, you will need to have a User Role assigned that indicates you will be using the QAS program. This Role is granted from RMS at Local Office/Office Personnel. The Personnel User screen is used for this purpose as seen on the next screen.

After the QAS User Role is indicated on the foregoing screen, you must enter a QAS Password on the same screen.

Set your password following the password rules indicated on the QAS Password window.
Choose contract for using QAS

The next step is to choose the contract that QAS will be used on for the QAS User we just set up. Find the contract and hit the Edit button (or, double mouse-click the contract).

Contract Setup for QAS

Before you can export the contract from RMS, for use with QAS (or, QCS for that matter) you will need to indicate that you wish to do so. Proceed to the first tab of Administration / Contract Setup after entering the contract.

You must ensure that Do you want to use QAS with this contract? is checked.

Now it is time to export the contract to QAS from RMS.
Assign Remote QAS Site

You will then proceed to the Import/Export screen in RMS to export the chosen contract to the QAS User. Choose the Import/Export QAS accordingly.

The following screen will tell you the next steps, one at a time. It first says you must enter a name for the site.

Click the Remote QAS Sites button to add your remote site.
Click the Add button.
After you enter a name, you must enter a Site ID. You should get the name and Site ID from the person (system) that installed the QAS program. It is unique for each of your sites.

It will let you know if you enter an invalid Site ID also.

When (or, if ☺) you finally get it right, you can push the OK button to proceed to the next step. (See, almost fool-proof.)
Assign one or more RMS Modules to the Remote QAS Site

Once you Add your Remote QAS Site select the ellipsis to the right of a module. We are going to assign the Daily Report stuff to the remote site.

![Image of QAS Sites interface]

Choose Yes (unless you goofed and meant another one, or if you changed your mind.)

A list of available sites appears and you then pick your poison. In this case we will choose **Lock 0023A** to manage the remote module.

Click the OK button and repeat for any other modules you wish to assign remotely from the RMS program.

You are ready to export the contract for your Remote QAS Site.
If you try to return control from a module already assigned to another site, you may see a message such as this:

The purpose of this measure is to have you require the original system to reassign it back to you in order to avoid loss of data.
Export the Contract to the Remote QAS Site

You are now ready to export to the QAS Module. Click on **Export to QAS**. Click on **Settings** and save the file to your hard drive. The file is then able to be added into QAS with the proper QAS User Role and Assigned Modules completed.

If this is your first export for this contract, you should choose the default, **Export file for Daily Update of QAS**.

Later, if your Remote QAS Site runs into difficulty (did the DUMB thing and did not backup as often as we should) you may use the second radio button to overwrite the data entirely. Of course, the QAS program will lose any information they entered since the last export back to the main RMS program.
The preferred and recommended way to exchange data between RMS/QAS/QCS is by use of the **RMS Center SFTP repository**. It is pretty much automatic and you don’t have to worry about exchanging files and won’t make the mistake of importing an older file. The repository only holds the last exchange – the new one in, overwrites the old one.

This version of QAS allows you to have the program automatically update your contract from RMS on a nightly basis, until Final Payment of the Contract. You will need to check the box to enable this function.

There could be occasion you might wish to **Export to File**, and that is also an option. If such is the case, you need to identify the path to which the file should be placed on your computer.

This example is placing the file in the `C:\temp\` directory.

Select **OK** when you are ready.

This screen tells you where your exported file disappeared to and what the name of the file is.
Add a new contract to the QAS Program

Adding a contract in QAS is the same process as adding one in a Remote QCS site. You will click on the QAS icon on your desktop and use the RMS file just created to add the contract to QAS.

Push this button to begin.

Now we will review the three choices on this screen.

Request Export File

If you have not yet advised the RMS User of your QAS Site ID, or a file has not yet been created from RMS you need to request it be done. This screen just reminds you of that need.
Import from SFTP

This will always be the preferred method. You must have a live internet connection of course and, hopefully, a high-speed connection. Dialup (56KB/s) is do-able, but painfully slow. You simply add the unique **Contract ID** as obtained from the RMS program and select **OK**.

The file will then be automatically downloaded from the repository after making connection to the RMS Server.

Import from File

When you select this method, you must find the file on your computer or portable media that you may have used. A windows explorer will appear to start you off.

Highlight the file and hit **Open** to begin.

(It is usually easier just to double mouse-click the file and it will start immediately.)

The file will be added to QAS. One of the first things it does is provide the **User Rights** to use the program. If the site is not identified in RMS prior to the export it will not complete the process.

The contract is now available for use in QAS.
Automated Import and Export

RMS can now perform automated imports and exports for QAS. Users that use the SFTP repository option will have exports automatically sent to the SFTP repository on a nightly basis.

In order for this function to operate, the “Export Settings” and “Import Settings” must indicate that you are using the SFTP transfer method, as opposed to the “Export to File” option. Also, the box entitled “Automatic Import / Export” must be checked.

This is beneficial to users that are working on multiple contracts, because RMS will send exports for all contracts that have the settings set to use the SFTP repository. The imports/exports will be done during off hours. Users will still have the option of doing manual imports and exports for individual contracts. RMS will filter this feature to those contracts that have identified a QAS/QCS Site ID and have not yet received Final Payment on the contract.

Log in to QAS

The QAS Logon screen will appear and be ready to receive an RMS file to enable you to access the contract using the QAS Module of RMS.

You will use the same User ID as you do for RMS, but the password, as shown previously, is set within the RMS program – you cannot use your normal Oracle password to access QAS.
If you have not been given permission to use QAS from the RMS program, you will see message such as the following.

Enter Contact Information in QAS

You must complete this initial screen before adding a contract to your system. It must have a name AND either a telephone number or an email address before you can use the system.

First, a **Warning** message is given:

Then you enter the appropriate screen after you push **OK**.
Contract is now added to the QAS Program

You can now hit the **Home** button and go to the contract controls center to use your newly added contract. Once you are into your contract, the procedures are the same as if you were in the main RMS program.

Warning! On use of Remote QAS and QCS Sites

If you are going to use the QAS/QCS program, it is very important that the QAS/QCS programs frequently exchange files with RMS and the Master QCS Site. The reason for this is two fold. First, it helps to ensure data integrity between the two programs and, secondly, it is needed to maintain manageable file sizes for the exports and imports.

Exchanging data frequently will ensure that each site is up to date with the most recent data. If for some reason a site becomes inoperative then RMS can send a full **overwrite file** to get them back on track. However, if the last time an export was done to RMS/QCS was over a week or two then you may have quite of bit of data entry to manually catch up with.

If all RMS/QAS/QCS sites are exporting and importing frequently, then it is very common for the file size to be less than 1 Megabyte in size. If you are on a remote site that does not have DSL a file less than 1 megabyte in size will be very helpful.

If you have a site that is no longer being used then please remove it and then promptly do an export to your other sites and RMS. Failing to remove a site that is no longer in use can result in data loss and a tremendous increase in the export file size.
Updating the QAS Program

You should periodically check for software updates to ensure you have the latest and greatest. This feature is built in to automate the process. If you are connected to the internet, QAS will automatically check for updates each day you log on to the program.

The program will advise that an update is available and/or tell you that your program is already up to date.

Push the **Update NOW** button to begin the download from the RMS Center.

Your update will be automatically installed and you can enter the new version.
QCS Opening Screen

(See QCS Manual on procedures to install and maintain the QCS program.)

Contractor Site title and ID number is entered in the Contractor Library.

About This Manual

This User’s Guide is intended to give the information that you might need for the effective use of the RMS program. The reader is directed to other sources of information for particular practices and suggestions on Contract Management, such as from available Corps of Engineers “Prospect” training courses, Disk of Knowledge (D.O.K.), your District’s SOPs, etc.

RMS Center Tools

(QLogin or Password is not required.)

(QLogin or Password is not required.)

Power Point Training Slides
Technical Data / FAQ
Software Upgrades / Downloads
User Manuals
Links to other data sources, such as the Disk Of Knowledge (D.O.K.).
RMS Center Assistance

When contacting the RMS Center with a question on a specific contract you should ALWAYS advise them of the Contract ID number to assist in locating the project within your database. The Contract ID is the prime-key number assigned by RMS when the project is first entered into RMS and appears at the very top of almost every contract-level screen in RMS.

If you know the Contract ID, you can use the FIND button on the opening menu where the contracts/projects are listed. For example, if the Contract ID is H2002023, you can find this contract by entering “2023” in the Search Characters field. RMS will “find” the contract and immediately open it for you.

![Image showing RMS Center Assistance and the Find function.](image-url)
Connect to Live Assist

A new feature of both QCS and QAS is the ability to receive help from the RMS Center by allowing them to connect directly to your desktop and operate it while you observe. The advantage of this is typically rapid solution to your problem or challenge. The following screen shows you where to access this feature.

Once you request this remote assistance, you will need to telephone the RMS Center Helpdesk, (760) 247-0217, and advise them that you require assistance. This help is available Monday-Friday, 0700 – 1500 PST, excluding Holidays.

The RMS Center will then connect to your computer to assist you. When their action is completed, you should ensure that the connection is disconnected by right-clicking on the ICON on the toolbar at the bottom of your desktop.
What this Chapter presents:

- Logging Into The System
- Menu Bar Options

Logging Into the System

CEFMS is a large, diverse system encompassing virtually every functional area of the U.S. Army Corps of Engineers’ organization. It handles much more than the finances having to do with construction contracts. Like CEFMS, RMS is controlled through use of USERIDS and Passwords and application access permissions. Without these items, a user will be unable to enter the system to initiate and process documents or to download financial data needed for RMS.
Before accessing RMS you must login. Depending on your setup, there are different procedures.

Click the RMS Castle Icon on the Desktop to begin using the RMS program.

After the Login button is pressed, the system verifies the User with the RMS security system and the Oracle Database. This Login User ID and Password must be a valid User ID with the Oracle database and a valid User ID and Password for RMS.

The paragraph in the box is a requirement for DITSCAP certification of DOD computers.

NOTE: If you are using CITRIX or VPN your ICON may vary from the Castle shown above. For example, it may appear like this:
Logging Into the System Via the RMS Website and Citrix

If you log into RMS by way of the RMS Website, or other CITRIX portal, you will need to sign into CITRIX prior to seeing the RMS logon screen discussed above. You will need to be on the Corps (.mil) network to do so. (If you are not actually on the Corps network, you will need to use a VPN program to gain access – see your IM staff for installation and configuration of VPN software.)

Typical VPN screens may look like the following:

You connect to the appropriate CEEIS portal and your credentials will be verified. If you have access the following banner appears.

You then can proceed to the website to select your RMS District.
From the RMS website, you click on the District you want to use – the District of which you have permissions and access to do so.
You will arrive at another DITSCAP warning screen. You must click OK to continue the logon process.

Enter your User Name, MS password, and the correct logon location.
You will then logon to your District and arrive at the normal RMS logon screen.
You should now be within the RMS program.
**Menu Bar Options**

**Local Office Module**

The **Local Office** module is provided to allow you to enter your Office Description, Office Personnel, Office Policy, and so forth. You are also able to manage **P2 Projects**, and to setup interface schedules.
P2 Projects

P2 Project Structure

P2 is organized by Projects separated into Work Breakdown Structures (WBS) that contain a group of Tasks (activities) that belong to a construction contract. These Tasks in the WBS include both construction tasks and construction milestones.

When more than one source of funds is required for a Construction contract, there will be multiple Construction tasks within a WBS, as each construction task in P2 can only be funded by a single source of funds. In addition, all Construction tasks within a WBS will always belong to the same RMS contract.

P2 construction tasks are linked to RMS contract by selecting the P2 Project WBS for an RMS contract. The linking between RMS and P2 has been enhanced so that when RMS Users select the P2 Project and WBS(s), RMS will automatically link all construction tasks within the WBS to the RMS contract.

Example of a P2 Project organized by WBS

- P2 Project (Project ID and Project Title)
- WBS (WBS No. and WBS Name)
  - Construction Task 1 (Task Code and Task Name)
  - Construction Task 2 (Task Code and Task Name)

P2 projects can be linked to RMS contracts in a number of different ways:

1. **One P2 Project can be linked to one RMS Contract.**
   -- All WBS’s from a single P2 Project can be linked to a single RMS Contract.

2. **One P2 Project can be linked to multiple RMS Contracts.**
   -- When a P2 Project has multiple WBS’s each WBS can be linked to a different RMS Contract.

3. **Multiple P2 Projects can be linked to a single RMS Contract.**
   -- WBS’s from different P2 Project can be linked to the same RMS Contract.
Keys points to keep in mind

The P2 Project is identified by a Project ID and Project Name that is downloaded to RMS. Additionally, the Project Scope of Work is displayed to describe the P2 project. The WBS band can be looked upon as simply being a collection of “activities”, such as one would find on any schedule. In fact, the Tasks within the WBS are given an “Activity ID”, such as our typical construction schedule would include. For example, among these activities (Tasks) you might find:

**Construction Tasks (Actual WORK)**
1. Construction Contract \( \text{Activity ID} = \text{CON4300} \)

**Construction Milestone Dates**
2. Award Contract \( \text{Activity ID} = \text{CON2260} \)
3. Construction NTP Acknowledged \( \text{Activity ID} = \text{CON2379} \)

Some of the Activities under the WBS are specifically identified within the P2 program under a column titled: “RMS Interface”. These are the activities that will interface with the RMS Contract.

P2 also includes the milestone dates, Project Status and Delay Codes that are downloaded to RMS.

Project Managers (PM’s) now need to be instructed to enter the RMS **Contract ID** in the WBS “name”, not the P2 Task name.
Resident Management System

Information that is interfaced between RMS and P2.

Construction Milestones

P2 construction tasks linked to an RMS Contract

P2 Project ID and Project Title

Task Code / Activity ID

WBS No. and WBS Title

Image of aPrimavera Enterprise - Project Manager 104777 (Port of Los Angeles) interface showing activities with columns for Activity ID, Milestone, Gantt Bars, and RMS Interface.

<table>
<thead>
<tr>
<th>Activity ID</th>
<th>Milestone</th>
<th>Gantt Bars</th>
<th>RMS Interface</th>
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</thead>
<tbody>
<tr>
<td>Contract Ready to Advise (PA)</td>
<td>123</td>
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<td>Contract Awarded</td>
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<td>Open Bid</td>
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<td>Award Contract</td>
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<td>Construction-NTF Acknowledgment</td>
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<td>D&amp;B/Design (Design Project)</td>
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<td>Mining Material Disposal (MMDP)</td>
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<td>Mining Material Disposal (Subgrade Area 1)</td>
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<td>Excavate/Mining F/M</td>
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<td>Add Disposal Area Preparation (Expansion/35390)</td>
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<td>Dredging of Main Channel (02/19/2017)</td>
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<td>Add/Eth/Dredging/Final Completion</td>
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<td></td>
</tr>
</tbody>
</table>
The RMS – P2 interface only downloads the P2 Projects that pertain to your District. The way it accomplishes this is by downloading available project data only for certain “P2 Org Codes”. These “P2 Org Codes” should be entered for each office you have setup in RMS if you expect to download P2 data for contracts in that office.
You can download the P2 Task Organizations also by using the lookup.

**Download P2 Data**

Once you have entered the P2 Task Organization Code for a particular office, you are ready to download the available P2 projects for that office. Click on the **Home** button, select the office you want to download P2 projects for, and then click the **Summary** button. The program will display the option **P2 Projects**, and you should select that option.

In the above example, the *Fort Knox Resident Office* has been selected. If you click the **Import P2 Projects** button, RMS will download all the available P2 projects for the Task Organization that was entered into the *Fort Knox Resident Office*. Optionally, you can choose to download P2 projects for the *Fort Knox Resident Office* including all of its sub-offices, or even choose to download for all offices in the whole database (District).

You may see this message following your download if there are unlinked P2 WBS’s.
After downloading P2 projects, you may view the projects that were downloaded by clicking the **Unlinked P2 WBS's** tab. This tab displays any new projects that are not currently linked to an RMS contract. In the example below, the projects downloaded for the *Fort Knox Resident Office* are displayed. The Projects ID, Project Title, and WBS No. information are listed in the top grid. The lower grid displays the P2 tasks (Task Code, Task Name, and Amount) associated with the project selected in the upper grid. It also displays the Project Scope of Work as entered in P2.
Identify and Link P2 Projects to RMS Contracts

At this point, you can select one of these projects and link it to a contract that already exists on your system or choose to link it to a new contract. In order to link the P2 Project to an existing contract, select the P2 project in the upper grid and click the **Existing RMS Contract** button. A new screen appears listing the available contracts that do not have a P2 project linked to it. You can select the contract from this list.

Click the OK button and you will get a confirmation window:
Another area where you can link a P2 Project to an RMS contract is on one of the Contract Administration module as seen below. You can also remove the linked P2 project from the contract on this screen. Information is downloaded from P2 until the Actual Contract Award date is entered (this date can be entered in either RMS or P2).

Controlling the RMS – P2 Interface

On the Contract Setup screen, there are three checkboxes that help control how the RMS – P2 interface works. As an RMS User, you will need to indicate IF you will use P2 to link your contract, IF you desire to use P2 data prior to Award, and IF you want to report Multiple Phases on the Contract.

The first check box should be unchecked if the contract will not be linked to P2.
The check box identified by **Use P2 data prior to award?** will select who controls the status and milestone information before contract award. When checked, the RMS program will populate status and milestone information with P2 data prior to actual contract award. When unchecked, the milestone information is not updated with P2 data and must be updated within RMS.

When multiple WBS’s are linked to a contract in RMS, the RMS user has the option in **Contract Setup** to track a separate set of milestone dates and status information for each WBS (as separate Contract Phases in RMS) or using one phase in RMS and sending the same milestone and status information to each WBS in P2. The other checkbox, **Use only one Phase?**, enables you to decide whether you want separate status and milestones for each P2 WBS band. By default, this check box is unchecked and so all the linked P2 Projects will have separate milestone dates. Check this box if you want to keep roll up all phases to a single set of Milestones.
When this box is unchecked and you have more than one phase, you can choose the phase on the **Milestone Schedule** screen.

---

**Information Interchanged from RMS to P2**

The exchange of information from RMS to P2 involves several stages. First, the contracts in RMS must be linked to specific P2 projects. Second, once an *actual award date* has been entered, each District or RMS database automatically uploads information from its contracts to one large Consolidated RMS system (CRMS). Third, P2 must then retrieve the contract information from CRMS, finally placing it into the P2 database. This process takes time and requires all the pieces to be entered correctly and functioning properly.

P2 will start gathering up information from CRMS when there is an *actual award date* on the contract. Once P2 obtains an *Actual Fiscal Completion date*, P2 will no longer retrieve information from CRMS for that contract. These two milestone dates can be input in either the P2 or RMS programs.
Information that P2 downloads from CRMS:

**Contract Information**
- Contract Number
- Delivery Order Number
- Contract Title
- Contract Scope of Work
- Contract Amount
- Placement Percentage
- Contract Status Code
- Primary Delay Code
- Phase (WBS) Title
- Contract — Customer Issues
- Contract — USACE Issues
- Phase Title on Multiphase Contracts

**Milestone Dates**
- Contract Award Dates
- NTP Acknowledged Dates
- Contract Required Completion Dates
- Construction Start Dates
- Construction Completion Dates
- Beneficial Occupancy Dates
- Physical Completion Dates
- Transfer Document Dates
- AE Evaluation Dates
- Contractor Evaluation Dates
- Contractor Final Payment Dates

Information that RMS downloads from P2 prior to Award

**Milestone Dates (Target Dates)**
- Contract Award Dates
- NTP Acknowledged Dates
- Contract Required Completion Dates
- Construction Start Dates
- Construction Completion Dates
- Beneficial Occupancy Dates
- Physical Completion Dates
- Transfer Document Dates
- AE Evaluation Dates
- Contractor Evaluation Dates
- Contractor Final Payment Dates

**Project Information**
- Project ID
- Project Title
- WBS
- WBS Title
- Task Code
- Task Name
- Task Amount
- Design By
- Contract Type
- Project — Scope of Work
- Contract Status
- Primary Delay Code
- Project — Customer Issues
- Project — USACE Issues
- Task Organization (P2 Org Code)
Contractor Claims

This feature allows Management to track and review any claims that may exist in any contract in the District. You may select to review **Open Claims** or **All Claims** and may also choose to view those claims assigned to an individual (by name), the claims associated with an Office (or Sub-office), and may also limit the claims to a particular contract. From the District Office, **ALL** claims, for **ALL** contracts may be reviewed.

Claims may be added here in the **District Office Module** or at the individual contract level (listed under the **Finances** selection). In either case, the data and screens are identical.
Claim Event – District Library

Events that pertain to Contractor claims are now addressed in the District Library Module.

You can add event dates in the District Library – Claim Event Module by selecting the Add button. You can indicate that you wish to automatically add the new event to all NEW claims also.

In addition, you can add the date to all existing open claims as well.
Adding a Claim

When you wish to add a claim from the District Office level, select the Add button to select the contract the claim is for from the popup window.

When you find your desired contract and push the OK button, you are asked to confirm that you want to add the claim to the selected contract.
You are then automatically taken to the Contractor Claim selection in the desired contract to enable you to complete the entry information regarding the claim. If you enter the claim within the contract level, the same screen appears.

The next sequential Claim ID number is automatically linked to the new claim and the contract information heading is already populated, as shown on the following screen. The Claim ID numbers are assigned by RMS without regard to the contract – that is, the sequential number is for all claims for all contracts within the District database. Otherwise, it would be difficult to sort them at the District level across all contracts.

The following screen is provided with many of the fields completed and should be self-explanatory.
Supporting Documents for Claims

You are able to attach any number of documents and files to a claim package. The following screen shows you the capabilities and selections you may make.
Reports for Claims

From the **District Office** Module you can view all **Contractor Claims** by using the **Claims** button.

You can then proceed to indicate what precisely you would like to view by using the numerous range and sort selections presented by the ellipsis' lookups.
<table>
<thead>
<tr>
<th>Contract No.:</th>
<th>DACW27-02-C-0013</th>
<th>Claim ID:</th>
<th>CLM/0001</th>
<th>Received by Government:</th>
<th>07/12/2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contractor:</td>
<td>Aquaterra Contracting, Inc.</td>
<td>Evaluation POC:</td>
<td>WILLIAM J. GILMOUR III</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Customer:</td>
<td>CIVIL WORKS</td>
<td>Contracting Officer:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Field Office:</td>
<td>Construction Division</td>
<td>Counsel POC:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Claim Type:</td>
<td>Potential</td>
<td>Project Manager:</td>
<td>LARRY BIBELHAUSER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Claim Status:</td>
<td>Action Complete -- File Closed</td>
<td>Amount Claimed:</td>
<td>100000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Claim Cause:</td>
<td></td>
<td>Time Claimed:</td>
<td>0 Days</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Description:</td>
<td>Paint failure on the DS mooring cells. This has been determined to be due to a latent defect by the Government.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>The Government has made a claim to the contractor for a latent defect and has tied the repair to work remaining on another job. Earnings have been tied up on the Smithland Intergate storage facility contract DACW27-02-C-0005. Current information is that the contractor has agreed to come back and make repairs.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Interface Schedules

Using the **Interface Schedules** (from the Local Office Module) you will indicate how often and when the processes will transpire, as shown on the following screen. It is suggested that you choose a time that will be least disruptive to your office functions, such as after normal work hours. In addition, you can choose to run the update immediately anytime you need to from the File/Utilities option (for CEFMS) or from the Contract (for CEFMS and P2).

Following each download/upload a “log” will be generated to reflect what was accomplished and will list any problems encountered with the data transfer. The logs are viewed from this same screen. You probably don’t even need to look at these logs, unless, of course, you have Geek tendencies in your genes.
Local Office

Also from this module, you can track data pertaining to the office and staff that will interface with RMS for all contracts administered by this office. This is where individuals are given User Roles to work in various areas of RMS. In addition, there are items maintained by your local office. This allows you to customize these items to fit the requirements of your local practices and management preferences. Changes made here will affect all contracts assigned to your office.
District Office

The next module, **District Office**, contains the items maintained by the District Office. This provides uniformity of field offices in areas considered appropriate. Changes made here affect all contracts within the database that fall under the District Office. Among the important changes to this version or RMS are the inclusion of “**Position Titles**” and “**Contract User Roles**” that are now controlled at this District level.
District Library

The next module, **District Library**, contains the Library items maintained by the District Office. This provides uniformity of field offices in areas considered appropriate. Changes made here affect all contracts within the database that fall under the District Office. **Custom Reports** and **Contract Groups** are now controlled at this District level.
System Library

The next module, **System Library**, contains the libraries maintained by the RMS Center. These libraries include HQUSACE policy-driven selections that will seldom change and are considered critical enough that uniformity throughout all USACE Offices is required.

The following selections in the **System Library** are able to be tailored for your District. If the Data does not apply to your District, or if your District chooses to not use these selections, simply uncheck the “Include in Lookup” boxes.

- Fund Types
- Program Types
- Contract Status Codes
- Primary Delay Codes

If unchecked, those items will not appear in the various lookup tables within RMS.
Summary Reports

The **Summary Reports** button allows you to enter the **Reports Menu** window and view as well as print any of the reports available throughout the various RMS functional areas. The reports are divided in seven areas:

- Administrative Reports
- Financial Reports
- QA/QC Reports
- Submittal Reports
- Schedule Reports
- Closeout Reports
- Library Reports
Chapter 2 - Office and Staff Setup

What this Chapter presents:

- Office / Staff Setup
- Office Module

Steps to success to use RMS

RMS must be setup to allow each staff member to use it effectively. The System/Office Administrator needs to accomplish the following items:

1. Enter a description (name) for each office
2. Enter Position Titles for each position in the District Construction Offices (accomplished in the DISTRICT OFFICE module.)
3. Set up Contract User Roles in the DISTRICT OFFICE module. (the roles can be for an individual staff member, by title, function, etc.)
4. Assign staff members to the Contract User Roles created
5. Establish the Contracts that the Staff member will be able to use the Contract User Role created
Local Office Module

In this option you will define the specifics of your office that will be used across all your office contracts. You will enter such items as your Office Symbol, your Parent Office Symbol, Office Type, Office Manager and Office Name. This information is used for various reports and is the tool RMS uses to position your contract in the Contract Explorer. Information required for input into this option will be obtained primarily from office records.
Office Description

Most of the items on this screen are self-explanatory.

A. The **Office Symbol** is the official office symbol for your office and was entered when the office was first added to the program. If the symbol is incorrect, or changes, you are now able to change it without deleting the entire office, as was the case in prior versions. This symbol is assigned by your District or Center and should be unique for your individual office. Some Districts may refer to the symbol as the "Routing Symbol", and others as the "Mailing Symbol".

B. The **P2 Org Code** (selected from the Lookup Table) is utilized by some Contracting Offices and is presented on this screen. It will print directly on the SF30 when entered. If left blank, the SF30 block will also be blank. It is a ten (10)-character cell. Some offices may refer to this as the **SF30 Office Code**.
C. The **Prefix Code for Change Requests** is a two (2)-character prefix code that will be used to identify the change requests associated with this office. In most cases, your organization code is used. If this office will not initiate changes as an ACO or CO, the cell may be left blank. Just because you access RMS, does not necessarily mean you will create change requests and/or modifications. The change requests and modifications are processed under the office that is administering the contract, using their own prefix.

**Deleting an Office**

You may push the Delete button to delete a particular office after you highlight that office. **However, you will not be able to delete an office if a Contract, a Sub-office, or a Person is assigned to that office.** The Office Administrator must first reassign any contracts, offices, or staff linked to the office to be deleted, or delete them entirely.

There are three conditions that must exist before you can delete an office: (The DELETE key isn’t accessible either)

1. The Office must not have a User assigned to it.
2. The Office must not have a Contract assigned to it.
3. The Office must not have a subordinate office under it.
Local Office – Office Personnel

This screen reflects all personnel that have access rights and privileges that affect that particular office. If you desire something be accomplished in areas you have no access, contact one of the Administrator’s listed for assistance.

The bullets to the right of each window explain the abilities of the listed members.

What the heck is all this ACCESS CONTROL about and why is it so difficult?

RMS access control is really quite simple when you analyze it. RMS needs to know three basic things for access control to be put to use:

1. **Who** you are (your name and office affiliation)
2. **What** you do (what you will have read/write access to)
3. **Where** you do it (what contracts you will have access to)

With this information you can be assigned to one or more groups of individuals that will jointly administer construction contracts using RMS.

This information can be input by your Office Administrator, who will be assigned by a System Administrator. The Office Administrator has total control on the access program for the individual field office and can add or delete other Office Administrators.
Office Administration Rights

Varying degrees of access and rights can be assigned to Office Administrators. By default, when an Office Administrator is selected, full rights are granted. However, you may also limit the rights if needed or desired.
Office Personnel

This is the location the lists all persons having access to RMS or supporting RMS in one form or another.

Local Office Personnel

The individuals shown on this tab are assigned to the Office in which you are viewing (e.g., Olmsted Resident Office in the example).

Other Personnel

The individuals listed on this tab are assigned to other offices within your operating District or from another Supporting District/Division/Headquarters.

Inactive Personnel

A user can be marked inactive and yet remain in the system for information. For example, you may have a submittal reviewer that has transferred elsewhere and you wish to retain their name in the submittal register, etc.
**Office Policy**

This is the selection in the **Office Policy** screen that controls editing of the **Quality Assurance Daily Reports** (QAR’s).

Each office Chief should decide upon a policy for allowing Quality Assurance Representatives to edit reports after they are completed. RMS allows the following options:

- Only allow editing of the most recent daily report
- Only allow editing of daily reports created within the last ___ days.
- Always allow editing of daily reports.

This policy does not apply to the Contractor QC Daily Report (QCR). Unless the Government (RMS) specifically returns a QCR for correction, the contractor will not be able to modify his Daily Report once it is marked complete and exported to the Government.

If something is wrong with a report, and it is marked completed, the proper way to make a correction is to enter a Narrative comment (either in the QA or QC Report) and explain the error or correction of a previous day. You should not alter a report – especially if you are providing a ‘signature’ and filing it with the contract.
Contract Personnel

Project Delivery Team Members

RMS provides the opportunity to capture a list of key players involved in the execution of the contract. This listing should not be confused with Staff Assignments, as the list should include personnel from various organizational lines, such as the Designer, Engineering, Project Management, Field Office Staff, Users, Occupants and others that might play an important role during the life-cycle of the project.

When you choose Select, you have the following options:

- Select Personal (from a Lookup table)
- Copy team from another Contract
Contract Personnel User Roles

This is a listing of all the individuals that have a User Role on the selected Contract. The User Role access control is initially set up within the District Office module. However, the roles can be further modified at the contract level without affecting the original role privileges.
What this Chapter presents:

- Selecting a new Contract
- Adding a new Contract
- Deleting a Contract

Selecting a New Contract

RMS will automatically place your cursor on the last contract you opened when you return to the program. If you need to enter a different contract, you will use the Contracts Control Center that is accessed via the Select Contract option of the main menu as shown below.

You can choose to display the Project ID number if you wish, by checking the box as indicated.
Adding a New Contract

You should enter a new contract into RMS as soon as you have reason to believe that the contract is valid, the sooner the better. A contract can be entered with as little information as a title, contract type, customer type, contract dates, estimated duration and an estimated cost. A SCHEDULE MUST BE GENERATED after the contract is entered. Your contract may already be loaded in P2, therefore consult with your PM and link the data directly from P2 if it has been entered. You must have proper permission to ADD a new contract to RMS.

From the Contracts Explorer, push the Add button to begin the process of adding a new contract. If you hit the Add button by mistake, you have a chance to “UNDO” the mistake.
The **RMS program assigns the Contract Identification Number** automatically and it becomes part of the Oracle database and cannot be changed. The **Contract Title** is the name on the contract or task order notice of award or the Bid package. However, it is limited in length to 40 characters, so you may need to be creative with the title to shorten it. If you need to have the LONG title of a contract for a Report you wish to create, RMS has created a MACRO for the long title and will copy whatever you type in the **Contract Long Title** block into your report. (Note: Older versions of RMS allowed the Contract Identification Number to be User-Defined, e.g., the Contract Number. However, those contracts cannot be used with the QCS or QAS programs.)

The **Contract Number** and **Delivery Order** number **MUST BE ENTERED** if using CEFMS.

You are now ready to proceed to the next chapter and begin entering contract specific data.
Adding a Contract for Training or Read Only Purposes

You can export contracts to QAS and/or QCS for use in **Training Mode** or to be **Read Only**. If you export a contract from RMS and have not established a remote QAS (QCS) site, you will receive this brief message:
When you need to set up QAS or QCS for training purposes (or **Read Only**), it is quite simple to do so – simply choose the appropriate radio button. You will need to convey the Contract ID number and the QCS/QAS Access Code to the system desiring to add the contract to their program.

The program will then export the contract to the RMS SFTP repository or a file, whichever you have chosen. You then download the desired contract within QAS from the SFTP site (or file) and will be asked for the Contract ID and Access code.
You may then use the contract either for **Training Mode** or **Read Only** purposes. While in **Training Mode**, you are able to enter and manipulate data, but you are not able to export any files to QCS or RMS.

Similar screens and procedures exist for the QCS program also.

**Deleting a Contract**

In order to be able to delete a contract in RMS, you must have been granted permission to do so. It takes an Office Administrator to “Delete” or “Archive” a contract.

From the main screen, locate and highlight the desired contract you wish to delete. Push the Delete button.
RMS will give you one chance to change your mind about the deletion by presenting the following screen. You must push the **Delete this Contract** button to proceed.

RMS will then prepare to delete, and then finally delete the contract. **Once the contract is deleted, you will not be able to UNDO that action.** (Always ask yourself – “Should I Archive this contract or really Delete it?” – A contract that is archived can be retrieved if you should ever need it again.

The contract will disappear from the screen when it is deleted.
Chapter 4 - Entering Contract Status And Description

What this Chapter presents:

- Entering Contract Status
- Entering Contract Description
- Providing Contract Dates

Entering Contract Status and Description

This chapter may be considered the true “contracts control center” for our work within the RMS program. RMS segregates specific tasks under this selection as can be seen on the Contract Menu: Contract Status, Contract Description, Contract Setup, Contract Personnel, Contract Documents, P2 Projects, Correspondence, Request for Information, Contract User Entries, Prime Contractor, Subcontractors, Contractor Insurance, Contractor Payrolls (Temporarily under Construction) and Labor Interviews.
Contract Status

The Contract Status selection contains **THE** information used to update P2 for upward reporting of our contracts to Higher Headquarters. The Contract Status selection provides an easy way for management to keep up with the status of a contract; therefore it is critical that the data be consistent and accurate. This selection includes five (5) Tabs: **Status/Issues; Status Photo, Milestone Schedule; Monthly Progress and Cost/Time Growth.**

Contract Status – Future Phase

Status / Issues Tab

These contracts may also be in P2 – if it is not in P2, coordinate with the District Project Manager to have the data input into P2. All information on this screen should remain current at all times. The "grey" fields are downloaded from P2 prior to actual award of the contract.
Contract Status – Active Phase

Fortunately, most of our contracts will entail only a SINGLE PHASE. However, on those occasions where multiple phases are required, RMS has been enabled to handle unlimited numbers of Projects and/or Phases (P2 refers to these phases as “bands”). If more than one phase is required, you will see the “Contract Phase” selection and will be able to update Status on each Phase.
Status Photo Tab

- This tab has been added to permit a photo depicting the contract to be filed within RMS. The photo can be updated as progress is made. The photo is displayed on the Contract Status Report – so keep it current!
- You are cautioned to limit the size of the photo to around 150KB or less.
- To update the photo, use the **Update Photo** button and then use the **Delete** button on the following screen to delete your current picture, or, you can simply use the **Select** button to update/change your photo. Only one photo at a time can be displayed.
Milestones Schedule Tab

It is essential that you have the following critical information populated:

- Original Contract Duration (days)
- Contract Award (Scheduled date)
- NTP Acknowledged (Scheduled date)

If you have not input that information, you will not be able to prepare the monthly progress of work or anticipated placement of work and will not be able to complete your Milestones Schedule.

In reality, all Milestones should be entered into RMS. The System Milestones (HQ required) will be upward reported to the P2 Portal and will be used for Consolidated Command Guidance in Command Management Reviews.

The dates represented on this tab may reflect only those SYSTEM dates (milestones) that RMS requires for management, tracking and reporting. You may add other (optional) milestone dates in the Local Office / Local Milestones Module and use them for all or selected contracts. You can also add milestones at the contract level that will only be reflected for that contract. Some Offices elect to enter the Key Milestones from the Contractor’s scheduling program. You should
enter the **Scheduled** dates as soon as they become known. As the event takes place, enter the **Actual** date ("Hey, Roscoe!" – **Do not enter “FUTURE” ACTUAL dates! 😊**). If a **Scheduled** date is already expired, the **Status** column will indicate **Reschedule**.

**Definitions of Milestone Dates for the RMS System**

The following definitions are provided for the RMS System required Milestones (HQ/RMS/P2):

**Contract Award (CC800)** – Date the Contract Award Letter is signed by the Contracting Officer

**NTP Acknowledged (CC810)** – Date the Notice To Proceed (NTP) is acknowledged by the Contractor. Acknowledgement is the contractor’s signature or the receipt date of the NTP letter postal delivery receipt. RMS and P2 use only ONE NTP for a contract, even when the contract is a Design-Build contract. This will begin the numbering system for the Daily QA and QC Reports. The actual date will be Report #1 and they will be sequentially numbered after that and will include non-workdays and weekends.

**Construction Start Date** – Date construction is scheduled or actually started.

**Contract Required Completion (CC830)** – (calculated) Uses the NTP Acknowledged date plus the original duration to compute the Original Required Completion Date. Uses the NTP Acknowledged date plus the current duration (includes signed mods with time) to compute the Scheduled (Current) Required Completion Date.

**Construction Completion (CC820)** – Date that the COE accepts the work (i.e. LD’s would no longer apply). This is synonymous with the term "Substantial Completion".

**Beneficial Occupancy Date (BOD) (CC850)** – Customer acceptance and occupancy of the facility.

**Original BOD** - This is the date mutually established by the Project Delivery Team (PDT) (customer, user, Area/Resident, and Project Management) as to when the work will be transferred and accepted by the customer. This date should be established within 30 calendar days after contract award and remains fixed for the life of the contract.

**Scheduled BOD** – Initially matches the Original BOD established by PDT, then updated as necessary to reflect when it is currently expected or scheduled to occur.

**Actual BOD** – When it actually occurs. For military projects, the client should sign the initial 1354 on this date.

It is possible to have multiple BOD’s on a single contract. For projects without separate phases, the date in RMS should reflect the last or final BOD for the Contract. Local milestones can be added to track multiple BOD’s in RMS.

**Contract Physical Completion (CC840)** – Date all contractor work is completed. All deficiencies/punch list items are completed. Note: Claims can be pending and this date excludes activities within government control, such as warranty inspections, CCASS evaluations, final 1354, etc.
Transfer Document Date (CC890) – Date Initial 1354 or Transfer Memo is accepted by the customer, which should occur at BOD.

Contractor Evaluation Date (CC870) – Date Contractor Evaluation completed, signed by the Reviewing Official.

Contractor Final Payment (CC880) – Date on the Check/EFT on the Final Payment to contractor. Actual date will be downloaded from CEFMS. Scheduled date is a manual entry of when you expect it to happen.

AE Evaluation Date (CC860) – Date AE Evaluation (after construction) completed, signed by the Reviewing Official.

Red Zone Meeting – Date of meeting (Required for MILCON) with PDT to discuss all aspects of upcoming contract closeout. Initial Red Zone meeting is held approximately 60 days before the scheduled BOD or at 80% complete. This meeting is to discuss the close-out process, to schedule the events and assign responsibilities for actions necessary to produce a timely physical as well as fiscal, project close-out.

Project Fiscal Completion (ML260) – Date all project fiscal requirements are satisfied and all remaining design and construction funding returned to customer and the CEFMS Construction-In-Progress (CIP) asset account is closed by Resource Management. Scheduled and Actual date comes from P2.

Examples of District defined Milestones

Interim 1354 Date – Date the User Signs (last, if more than one) Interim 1354. Remember, that it is possible to have multiple Interim 1354 date’s on a single contract. The date in RMS should reflect the last Interim 1354 Date on the Contract.

Final Pay to District – Date Final Pay Estimate Package Sent to the District Office

As-Builts to District - Date As-Built Drawings Sent to the District Office

Payrolls Sent to District - Date Payrolls Sent to the District Office

Contract Files Sent to District - Date Contract Files Sent to the District Office
Monthly Progress Tab

Once the **NTP Acknowledged** date (Scheduled) has been provided, you may proceed to the **Monthly Progress** tab and generate your monthly scheduled progress by copying the actual/projected % placement, choose from a selection of automated S curves, or choose to use the Contractor’s activity scheduled start and finish dates. Quite a variety of Schedule options have been added to this latest version of RMS, as you can explore by using the selections at the bottom of the screen. You do this from selecting the **Generate Scheduled Progress** button.

This information MUST BE COMPLETED for placement projection reports and is uploaded to HQUSACE via the P2 module. The initial schedule is typically based on a Sin² curve. If you are importing the contractor’s NAS (via the SDEF), you should use the selection **Contractor’s activity scheduled start and finish dates** for more accurate reporting.
Cost / Time Growth Tab

(Information screen only – you can only change the “Contract Phase” you wish to review.)

You should first complete your AWARD CWE before using this screen. You must have an NTP Date (scheduled or actual) and a contract DURATION entered before you will be able to access this tab.

The information on this screen depicts a succinct snapshot of the contract, as it was originally at Award, how it currently stands and, finally, what it is estimated to be in the future.

Explanation of Options

Contract **Cost and Time Growth** is computed and updated by RMS from the **Award CLINS** and all contract changes and/or modifications issued to-date.

The ORIGINAL contract amount is the AWARDED contract amount, plus OPTIONS exercised at award time. When you exercise an option that was originally identified it is considered as part of the original contract amount and time. Therefore, options exercised do not count against COST/TIME growth. As options are exercised the ORIGINAL contract amount will include the option as exercised.
Contract Description Tab

This screen needs to be complete and accurate, as the information shown controls many different RMS reports. Each block should be populated.

NOTE: The “Contract Long Title” block is provided to populate a built-in MACRO within RMS to allow you to use it in custom reports when needed. The macro appears as {contract_long_title}. 
Contract Information Tab

This screen is essential to complete, as this will separate your contracts into the proper programs for your placement reports and any Custom Reports you might create.

This is a field in RMS that you can use with the Custom Report Designer for custom reports. The Building Information Model (BIM) is a digital representation of physical and functional characteristics of a building. Construction and management of buildings involves many stakeholders, so proper sharing of information over the entire lifecycle of a building is very important. The Open Geospatial Consortium (OGC) is developing BIM standards that promote efficient web-based information sharing in the Architectural, Engineering, Construction, and Building Ownership and Operation (AECOO) markets. You may view the following website for further information:

P2 Projects

Refer to Chapter 1 of this manual for an explanation of how P2 and RMS work together.

**What Is all this talk about P2, and what does It mean to our Field Offices?**

P2 is the tool (AIS) that enables USACE to implement its business processes and to change to its desired Project Management Business Process (PMBP) culture. USACE is committed to accomplishing work through project-focused teams, using proven project management practices.

P2 is a suite of commercial-off-the-shelf (cots) software applications configured to support project execution in the Military, Civil Works, Environmental, Research & Development and Interagency and International Services (IIS) mission areas.
A project may be identified long before it becomes a construction contract. The project data is input into P2 for tracking and budget purposes. P2 will include information on FUTURE CONTRACTS, such as estimated contract amounts, scope of work, description, anticipated milestone dates, and other pertinent data. This is the information that will be downloaded into RMS until the contract is awarded.

The RMS User will benefit directly by being able to download information directly from P2 when initially setting up the contract in RMS. The information can be refreshed as needed by additional downloads for all the future data related to our Contracts that is stored in P2.

P2 is meant to make our work easier in the field offices. We should be able to avoid manual input of data already entered and simply import it into our RMS program. Following the ACTUAL AWARD of a contract, P2 will automatically and behind the scenes gather necessary data directly from the Districts RMS databases. The information will reside in a new database, referred to as CRMS (Consolidated Resident Management System). CRMS will query the Districts RMS databases and forward the required reporting information to P2.

Only following the Actual Award Date (milestone date) will RMS upload the current contract data to P2. This will continue until the Contractor Final Payment Date – Actual has been entered.
What this Chapter presents:

Entering Contract Setup and Planning Data For:

- Administration
- Funding
- Modifications
- Quality Assurance
- Submittals
- Schedules
Contract Setup and Planning Data

This chapter will address the **HOW** and **WHO** of certain aspects of our contract. That is, **HOW** we want to do things and **WHO** will do them. The entries discussed in this module are typically referred to as “Planning Activities”.

Contract Setup – Administration / Funding Tab

![RMS Training Contract](Image)

**Progress Payments – Additional Earnings**

The s box should be checked if it applies to your contract – it would usually only involve (include) UNIT PRICED CLINS – for LUMP SUM activities, the earnings should be a part of the Activity amount..
Funding: Track CWE -- Options

RMS will accommodate three basic methods to enter and track funding for the contract.

Option 1

“Track Funding at Funding Account Level, pre-plan Obligations for payment on all CLINS”

This option allows you to pre-plan how you are going to pay for the Contract Award, Changes, and Modifications. This option gives you complete control of how the contract funds will be used. The option requires you to maintain each Funding Account and requires you to predetermine obligation amounts for each Contract Line Item.

While this option gives you the most control, it also requires the most input.

Option 2

“Track Funding at Project Level, compute Obligation amounts for payment based on available funds”

This option does not require you to identify expenditures at the Funding Account level. It requires you to maintain the Funding Account only at the Contract level. Funding for pending changes or modifications does not require pre-planning. Contract payments are based on the available Obligations when the payment is made. Monthly payments will be based on the predetermined allocation split. Any payments made will not exceed the available funding.

This is the easiest of the options and is also recommended if the total source of contract funding is not known at award.

Option 3

“Track Funding at Project Level, manually enter Obligation amounts for payment”

This option is basically the same as Option 2, except you decide how much should be allocated out of each Obligation when payment is made.

Currency Type

The foreign currency module in RMS matches the one in CEFMS. Foreign Currency contracts will honor exchange rates at the Obligation Line Item level at award.
Contract Setup – Payments/Modifications Tab

Payment

Payment Terms can be set here, or in the Progress Payment area.

ACO and CO Modifications

This information will be printed on the SF-30 for Contract Modifications.
Contract Setup - Quality Assurance Tab

This is where you begin identifying, assigning and otherwise setting up the QA features for the contract. The type of report to be used is selected (Civil or Military, Dredging, or other special type), Personnel are identified (RMS will accommodate up to 3 shifts) and you enter the weather data from within the contract.

**Contract Setup Window**

The area at the bottom of the screen has been changed and titled: *Time extensions due to adverse weather per month based on:* you will need to look within the Contract Clauses to see the specific number of days anticipated for each month. That table is almost always based on a five (5) day work week. You then enter the actual number of works per week that your Contractor is going to work and you will see the weather days per month converted accordingly. There is a special Modification template within RMS that will create a Modification package automatically base on this days that you encounter a “Critical Delay”.

![Contract Setup Window](image)
Contract Setup – Submittal/Schedule Tab

On the Submittals/Schedule tab, default submittal information is provided in order to generate the Submittal Register.

Will there be more than one Submittal Register?

On the left side of the Submittal/Schedule tab, RMS defaults to a single Main Register. Each contract can be provided with any number of submittal registers.

The pop-up screen must be completed with a new Submittal Register ID number and a Submittal Register Title. RMS defaults to the next sequential number for the Submittal Register ID.
Compute Submittal Need Dates based on Activity Schedule

This selection will automatically populate the fields in the Submittal Register (ENG 4288) with the dates from the Contractor activity schedule (NAS) or from the dates manually entered if the SDEF import is not utilized.

Each of the submittal items in the Submittal Register is required to be linked to a specific Activity. Ensure that the item is linked to THE VERY FIRST Pay Activity the submittal is required for. Otherwise, the dates will either not appear or will be bogus on the ENG Form 4288.

Activity Schedule

RMS provides for either manually entering the Start/Finish Dates or Importing the Start/Finish Dates from the Contractor’s NAS scheduling system. Choose the one specified by the contract, or being used by the Contractor.

Manually enter Scheduled Start/Finish Dates

If the Contractor is using a Gantt chart, manual entry of dates may be required. The Actual Dates will be imported from the Contractor QCS module, if it is being used.

Import Scheduled Start/Finish Dates from NAS

The easiest method to keep up-to-date with the Contractor is by use of a Network Analysis System (NAS) (often referred to as a CPM, Critical Path Method). RMS will automatically be able to import the Early and Late Start/Finish Dates that can be used to update P2.

The Actual Dates will be imported from the Contractor QCS module.

Do you want QCS to require the contractor to use actual start and finish dates from the QC Reports on the NAS?

This feature should really always be used. If this box is checked, QCS will not allow the Contractor to import the schedule (SDEF) until the dates match the Daily QC Reports. There is a report in QCS that will itemize all the dates that are in conflict. If a date in a Daily QC Report is really incorrect, and must be changed, the report can be marked “Return to Contractor” in RMS – otherwise, the Contractor cannot edit the report after it has been sent to RMS.
Chapter 6 - Correspondence

What this Chapter presents:

- Overview
- Adding Correspondence in RMS
- Generating Form Letters
- Copying a Document from another Library
- Request for Information (RFI) Procedure
- Contract Documents
- Supporting Documents

Overview

The correspondence option allows you to maintain a log of all documents sent or received on a contract. It has links to other menu choices so you can check pertinent correspondence at several points. For example, when you choose a particular modification, a subsequent menu choice allows you to view all correspondence on that modification.

This option also gives you access to word processing and assists you in generating form letters from a variety of templates. Both an RFI module and a Correspondence module is available to exchange information with the Contractor electronically regarding RFI and/or Correspondence subjects. All correspondence can be linked to Contractor Claims and/or Contract Changes/Modifications as Supporting Documents. In order to utilize the RFI and Correspondence modules in QCS, the appropriate boxes in Contract Setup must be checked.
Adding Correspondence in RMS

Correspondence is accessed from the **Contract Menu / Administration / Correspondence** menu, as shown. The screen is the primary correspondence window on which you can observe all letters at a glance. As you place the cursor on a letter, the letter number and brief description will appear at the bottom of the window.

When adding a piece of correspondence, a drop-down menu presents a listing of the **categories** of all letters maintained within the program. This is the listing you will see when you are NOT using the QCS module for Correspondence or have chosen to have the Government enter the Contractor correspondence. The items marked with “ -- ** ” will not appear if you have indicated that the Contractor will enter the Correspondence in **Contract Setup**.

- Letter to Contractor
- Request for Proposal to Contractor
- Letter to Other Agency

Correspondence is separated into “status” categories. Those that are **SENT** or **RECEIVED** are on the second and third tabs, respectively. Those letters that have been prepared and are awaiting completion and/or approval are shown on the first tab (**Prepare Letter**). **Government In-House Memos** are on the forth tab.
The prefixes that RMS utilizes are recorded in the Library for all Agencies and other Customers. RMS requires certain predefined prefixes and these cannot be changed. These are used to sort letters on several of the Correspondence reports. The required predefined prefixes are as follows:

- **C** = Letter to Contractor from the Government
- **RFP** = Request for Proposal letter to the Contractor from the Government
- **MEM** = In-house Memorandum for the Government
- **H** = Letter to the Government from the Contractor Home Office
- **S** = Letter to the Government from the Contractor Site Office
- **RFI** = Request For Information from the Contractor to the Government

### Generating Form Letters

Form letters and templates are compiled using MSWord © and make use of the many macros embedded in RMS (some are provided by the RMS program and others can be created by the RMS User). There are lots of samples included with the program for your use. It is suggested that you use the samples as a pattern and let them remain in your system. It is easy to COPY a letter to another file and modify it to meet your needs. (That way, you can always start over with one that functions.) You are encouraged to add all the form letters that you use to help speed up your processes and provide consistency in your office environment. It may help you to get started by printing out the RMS macros from the report Explorer, as follows.

Select **Library Reports** on the Report Explorer window (Summary Reports) to access the report for **RMS Word Macros**. (Double mouse-click your selection.)
Copying a Document from another Library

You can easily copy documents from other offices into your District Library so they will be available for all your contracts. Select District Library / Word Templates and then the Add button, as shown below.

Use the drop-down menu to select the Document you would like to Add. If you select the Copy an Existing Document, all the available documents will then be reflected in a pop-up window.
Setting up RMS and MS Word

Prior to using MS Word for creating form letters that make use of the RMS macros, you must first configure the two programs to work together. The following procedures will set up your MS Word © and create an Icon on your tool bar that will provide access to all RMS macros.

NOTE: This does not apply if your RMS program is on one of our CEAP servers (WPC or CPC), as it is already configured for you. This would only apply if you have a stand-alone RMS program or are using a Non-CEAP center RMS.

Using RMS with MS Word - Word Automation

The following steps are required in order to allow users of the RMS Word Document Automation features to select RMS Macros from an interactive interface when creating automated documents.

Use this procedure to copy the following declaration, subroutine, and function into the normal template:
1. Start Word.
2. Choose Tools – Macro – Visual Basic Editor menu option. The following screen appears.

3. Right click on the Normal icon and choose Insert – Module. A smaller window will appear and you paste the following data into the window (paste all text BETWEEN the words START and END as provided below – Do not include the words “start” and “end”).

```vbnet
Public Declare Function GetMacroInfo Lib "RMSword.dll" (ByVal macroName As String) As Long
Sub GetMacro()
  Dim Result As Boolean
  Dim MacroInfoChosen As String
  Dim OtherString As String
  MacroInfoChosen = Space(4096)
  System.Cursor = vdCursorWait
  ' Call function in RMSWord
  GetMacroInfo (MacroInfoChosen)
  System.Cursor = vdCursorNormal
  ' Insert macro into document at current cursor position
  MacroInfoChosen = Trim(MacroInfoChosen)
  If (Len(MacroInfoChosen) > 2) Then
    ' Word automation stuff - EW
    Selection.Fields.Add Range:=Selection.Range, Type:=
```
The example module is named **RMS** – the module name can be changed here, at the top line in the lower left hand box.

**START**

Public Declare Function GetMacroInfo Lib "c:\winrms\RMSword.dll" (ByVal MacroChoice As String) As Boolean

Sub GetMacro()
    Dim Result As Boolean
    Dim MacroInfoChosen As String
    Dim OtherString As String
    MacroInfoChosen = Space$(4096)

    System.Cursor = wdCursorWait
    ' call function in RMSword
    GetMacroInfo (MacroInfoChosen)

    System.Cursor = wdCursorNormal
    ' insert macro into document at current cursor position
    MacroInfoChosen = Strip(MacroInfoChosen)

    If (Len(MacroInfoChosen) > 2) Then
        ' Word automation stuff - ERW
        Selection.TypeText Text:=MacroInfoChosen
        pos = Selection.Range.End
        Selection.SetRange Start:=pos + 2, End:=pos + 2
    End If
End Sub

Function Strip(Incoming As String) As String
    Dim FoundAt As Long
    FoundAt = InStr(Incoming, Chr$(0))
    If (FoundAt <> 0) Then
        InComing = Mid(Incoming, 1, FoundAt - 1)
    End If
    InComing = Trim(Incoming)
    Strip = InComing
End Function

**END**

If you have problems selecting the code using a mouse, it is suggested that you point the cursor to the first character of the first line, hold down the shift key, and hit the down cursor key until all the code is highlighted.
4. Save changes and **exit from the Visual Basic editor**. Save changes and exit from the Normal document template. (<Ctrl>+5, then <alt>+Q)

**NOTE:** When MS Word is called from RMS, the default directory is the same as that of the Winrtems executable file (where RMSword.dll is located). Some users may want to use Word for creation / updating of Word Automation documents when the RMS database is not available. In order to use the interactive method of inserting RMS macros, RMSword.dll needs to be located in one of the directories in the System Path (i.e., C:\windows\command).

A file named MacroLST.RMS containing all RMS macros currently defined **MUST** be located in the **System Temp** path (i.e., C:\WINDOWS\TEMP). RMS periodically updates this file. Going to the Library menu in RMS and choosing Word Macros will force this file to be regenerated when you exit the macro listing. If you delete the temporary files in your system temp directory, you will need to locate that file and replace it. You can locate it from another computer that is using RMS, or contact the RMS Center for support.

Add an icon to the MS Word toolbar

Right click on the top toolbar within MS Word (i.e., next to “Help” icon) – Choose **Customize** and click on the **Commands** tab. Choose the **Macros** category in the left window and highlight the **Normal.RMS.GetMacro** subroutine located in the right window. **Drag** the **Normal.RMS.GetMacro** subroutine to the standard toolbar and **drop** it (i.e., again, next to the “Help” icon).

**Note:** Dropping the button into empty space to the right of the toolbar will not work. Position the button on toolbar where you want icon to appear before letting go. The symbol it shows while you are dragging the button will change from an X to a + when you are located in a position where dropping is permitted.
Do not close the Customize window. Right click on the button that was just created on the toolbar. Where it says, “Name” change the name to Get RMS Macro. Further down on the drop down menu, select “Change Button Image” and select the down arrow to change the button icon.

Close the Customize window.

When the user clicks on the Get RMS Macro icon they should be met with the following window, which is a listing of the RMS macros.

You are now ready to begin using macros for generating form letters, plans, etc.

RFI’s (Request for Information)

The Request for Information (RFI) module in QCS and RMS allows the contractor to request clarification of contract information, or to pose questions regarding the contract through the RMS/QCS interface. The RFI is transmitted between RMS and QCS using the import/export function.

Prepare RFI

The contractor prepares the RFI in QCS. When the Contractor checks that it is completed, the RFI is then submitted to the Government and includes the following key items:
- Information requested
- Date Requested
- Contractor’s Recommendation
- Potential Cost / Schedule Impact
- Attachments from Contractor such as contract drawings, documents, or photos
RFI Answered by Government

The RFI Requiring Response can be found in the Contract Administration Section, under Request for Information. The RFI module must be turned on in Contract Setup by checking the box that asks Do you want to answer RFI's with two-way RFI form? The screen will show all RFI’s that have been received and answered by the Government for this contract.

Government Response to RFI

The Government Response to the Contractor is entered on this screen. Required entries are:

- Response Dates (received and answered dates)
- Government Response to Contractor
- Answer Completed check box
- Approved – Ready to send to Contractor check box

Optional entries in the Government Response are:

- Secondary Respondents
- Attachments from the Government
When the Government Response is marked as **Answer Completed**, it is ready for approval. All entries become read-only and cannot be changed unless the Approved box is unchecked.

The **Approved** box is checked when the Government is ready to export the Government Response to the Contractor. Once the RFI is exported to the Contractor it can no longer be edited (you can no longer 'uncheck' the **Answer Completed** or **Approved** boxes).
RFI Notification in RMS and QCS

Both RMS and QCS will advise the Government or the Contractor of any new or answered RFI’s following the export/import process.

QCS Correspondence Module

This module will allow the Contractor and Government to exchange correspondence letters within QCS and RMS. In addition, they will be able to include file attachments to the letters. The letters that will be able to be sent will include contractor Home (H-####) and Site (S-#####) letters. Basically, the contractor will be able to designate a remote QCS to be either Site or Home using the current check out scheme. The Government will accept the 'first' answer to a particular letter from either the H or S office and will ignore subsequent answers. Also, the Government will be able to generate both RFP- and C- letters to send them to the Contractor. The generated letters are able to be answered by either the QCS Home or the QCS Site office.

The feature operates very similar to the existing RFI modules. The choice to use the feature must be indicated in Contract Setup, and the box Contractor Correspondence Entered by must indicate Contractor (otherwise, it will not appear within the QCS program). Once the Contractor is designated to enter the Correspondence, the RMS User will not be able to perform manual entry to the received correspondence.
Contract Documents

This module will allow the RMS User to add various types of contract documents and/or attachments to a particular contract to be shared with other stakeholders of the contract. These may include:

- Word documents
- Text files
- JPG files
- BMP files
- XLS files
- PDF files
- And many others

When you “Add” a Contract Document, you will be presented with a screen on which to SELECT the document or attachment to add to the RMS database for your contract. Once you Add a document or attachment, you will be able to view it from this screen without having to drill down further into the screens.

You should use caution with this feature by limiting the size of the files (pictures) you include. This may later cause a problem with server sizing and the time it takes for downloading and uploading contracts.
Supporting Documents

A major feature of RMS is **Supporting Documents**. This function, designed for the Change/Modification modules, allow the user to:

- Generate Change Request and Modification Documents
- Search for and link all Supporting Documents and QA/QC Narratives
- Store Supporting Documents electronically
- List Supporting Documents chronologically
- Print a report of all Supporting Documents included in the Mod Package

Supporting Documents are divided into the following three categories:

**New Documents**
- Request for Proposal
- Modification Document

**Reference Documents**
- Request for Information Letters
- Letters to/from Contractor
- QA/QC Report Narratives

**Attachments**
- Photos
- Documents
- Excel spreadsheets

This module will allow the user to:

1. Create a library of Modification Documents in the District Library, such as:
   
   a. Price Negotiation Memorandum
   b. Price Objective Memorandum
   c. Request for Consent Memorandum

2. Add the Modification Documents to a Contract Change and/or Modification
Add a Supporting Document

Supporting documents can be added to **Contract Changes** or **Contract Modifications**

By selecting the **Supporting Documents tab** of the Change Request, the user selects the document type to be added.

After choosing the document type the user selects **Generate Document** on this screen.
The document template is selected from this screen to add a new supporting document. Select **Generate Document** for the next window to appear.

The user selects **Create Document**, which will open MS Word, and allow the user to create a document. After the document is complete it is saved in the RMS database.
Chapter 7 – CEFMS and Finances

What this Chapter presents:

- Overview
- CEFMS
- Contract Line Items (CLINS)

Overview

This chapter addresses the major elements of contract finances.

CEFMS and Finances

Contract Finances are centrally located under the area of Contract Menu/Finances/Contract Finances and consist of the following major elements:

- Contract Finances
- Recompute Finances
- Award CLINS
- Current CLINS
- Pay Activities
- Contractor Claims
- Contract Changes
- Contract Modifications
- Progress Payments
If the contract has been awarded and you have completed the Contract Description information, you are ready to download CEFMS Finances data into RMS and setup the finances for the contract.

CEFMS Finances
Contract Funding – CEFMS Work Item Codes

CEFMS Work Items can be either created in P2, which, in turn, creates them in CEFMS or Created in CEFMS. In either case, the Work Items are downloaded from CEFMS into RMS. These Work Items are transmitted periodically to P2, refreshing P2 on the Contract, Project and Funding levels.

Initially, this screen would not have any Work Items listed…it would be blank. Unique CEFMS Work Items identify each contract and each Work Item is, or has, a Parent Work Item. From these Work Items, funding accounts are setup for making progress payments to the contractor and for tracking available funds.

A CEFMS Work Item must be setup for each kind of money (funding source) used to fund the contract. Your Project Manager typically accomplishes this in P2. The Work Items are then downloaded from CEFMS into RMS following award of the contract, and then periodically whenever finances change on a contract (payments made to a contractor, modifications issued, PR&C’s issued, etc.).

In getting the financial data from CEFMS, RMS will go to the Funding Registers and download the “appropriation data”, and to the Funding Accounts to get the “authorized amount” for each of the funding accounts used on the contract.
RMS will then automatically login to CEFMS and complete the download of financial data and the following screen will appear.

Once the download is completed, you will be able to view the **Appropriations** on the top half of the screen and review particulars of the individual **Appropriations** on the bottom part of the screen as you scroll down through them. Of special note, is the ability to see what funds are truly available. The following screens will help show how RMS actually displays the funding data from CEFMS.
Contract Funding

This screen rolls up the information depicting how the funding for your contract is distributed. You will need to enter the Award Contract amount for each of the Funding Account you have. As with previous versions of RMS, you can add either Non-CEFMS or CEFMS Funding Accounts.

The ORIGINAL contract amount is the AWARDED contract amount, plus OPTIONS exercised at award time. When you exercise an option that was originally identified it is considered as part of the original contract amount and time. Therefore, options exercised do not count against COST/TIME growth. As options are exercised the ORIGINAL contract amount will include the option as exercised. Therefore, OPTIONS exercised do not count against COST/TIME growth.

Only two pieces of information is required to be entered for your CEFMS Funding Accounts: 1) The Program Type (using the lookup) and, 2) the Award Contract Amount.
Funding Balances

This screen is one of the most important screens relating to Finances in RMS. It shows you what is available in CEFMS, including the Award Contract Amount and any Modifications issued to-date.

This screen is like your “Checkbook” – it shows what RMS is anticipating to obligate against the contract (like a check you’re writing, but hasn’t cleared the Bank – CEFMS is the Bank) and it shows what funds are available in CEMFS.

**Approved Pending Changes** are deducted from the available CEFMS Funds.

**Unfunded Pending Changes** are included to show you whether or not you have sufficient funds available.
Obligation Balances

This screen reflects the amount of funds that are remaining and available for Payments.
Award CLINS and SubCLINS

From the Contract Menu, select Finances / Award CLINS. These are currently referred to as CLINS and were formerly called Bid Items in many Districts and field offices.

At this point, a short discussion of CLINS would be useful to define what we really mean when dealing with the finances in RMS.

To fully comply with the DFARs, RMS supports and enforces SubCLIN numbering. This has some major impacts on the way RMS handles CLINS and the way those CLINS are funded.

When constructing the Award document in SPS, it is generally recommended that you use priced CLINS to include the Unit Price, Quantity, and Amount. Do not include a Funding source on this priced CLIN. Use an Info SubCLIN to represent each line of accounting (Funding source). Include additional Info SubCLINS for each Funding source.

A Priced Parent CLIN will include Unit Price, Unit of Measure, Quantity and CLIN Amount. If a Priced CLIN is funded by one Obligation Line Item, the Priced Parent CLIN may be funded directly. When a Priced Parent CLIN is funded by multiple Obligation Line Items, separate Information SubCLINS must be added for each Obligation Line Item. These Information SubCLINS are entered without unit price, unit of measure, or quantity – they simply identify the Obligation Line Item and obligation amount required to pay for the Parent CLIN.
An Information Parent CLIN is used when there is a need to have different unit prices for parts of a CLIN. An Information Parent CLIN can have multiple Priced SubCLINS when the elements of Unit Price, Unit of Measure, or Quantity differ for the same Parent CLIN. For example, if we had a Parent CLIN for Excavation, we could use a Priced SubCLIN to indicate the first 100 tons of material at $40.00 / CY, and use another Priced SubCLIN to indicate the next level of tonnage, say, 100 – 500 tons would be priced at $35.00 / CY.
You will then add a Description for your CLIN and then Add Priced SubCLINS to that new CLIN.

RMS will automatically default to the next CLIN number, but it can be changed if desired. Enter the **Unit Type**, and select **OK**.

Enter the description for the Price CLIN, the Award Amount, and check the box to indicate you are ready to decide how you are going to fund the CLIN. The bottom of the screen will then be populated.

After all CLINS are balanced, the next step in setting up the finances in RMS are to enter the Contractor’s Construction Activities, which is covered in the next Chapter.
Chapter 8 – Contractor Pay Activities

What this Chapter presents:

- Importing Contractor Pay Activities
- Standard Data Exchange Format
- Balancing Contractor Pay Activities
- Mandatory Entries for Pay Activities

Importing Contractor Pay Activities

The next step in setting up our finances in RMS is to enter the Contractor’s Construction (Pay) Activities. The easiest way to accomplish this would be to IMPORT the Activities electronically via the Standard Data Exchange Format (SDEF).
The Contractor's Pay Activities are located via the Contract Menu / Finances.

Notice: As you click on the Import/Export item NAS (SDEF) you may see the following picture if your contractor will not use the QCS program or you have decided to manually enter dates.
Turning Off QCS from Contract Setup

If you have previously indicated you wanted to use QCS and later decide to unclick that option, a log entry will track your doing so. You will see this message box. (Note: There are times when you may really need to turn off QCS and import the Contractor’s SDEF file, in that case, ignore the message and face the consequences.

Import SDEF File

As previously stated, the easiest way to enter the Contractor activities is by utilizing the Import/Export features of RMS. From the top menu, push **Import / Export**.

Click on **Import NAS (SDEF)** to begin importing the contractor Activities. Then, determine if you wish to import the **Activity Schedule**, or select just those items you need to import. If imports have already been made, this is the screen from which you would import the contractors **Pay Request** also.
Then you will need to locate and highlight the SDEF file from the Contractor. Once selected, you can double click on it and the import process will begin.

An SDEF Merger utility (SDEF Companion) is available for this version for merging two SDEF files into one file and viewing the validity of the file.

Windows Explorer of SDEF Folder and Files

Confirmation Screen

Push the Continue with Import button when ready.

When RMS completes the import process the data fields on the screen will be completed, reflecting the particulars of the import.
To review the activities imported, **double mouse-click** on any changes shown in the field in the above screen. The next screen is used for approving or disapproving the changes proposed by the contractor. You can use the buttons at the top of the screen for approval action on ALL items, or, alternatively, you can individually approve or disapprove each item by using the check boxes on the right side of the screen.
Contractor Pay Activities

This screen now has four (4) Tabs instead of just two. The first two tabs present the same information as previous versions of RMS. Even the individual Pay Activity screen remains unchanged in content.

The two additional Tabs present information regarding the Contractor’s effort in assigning activities to Sub-Contractors and the QC effort in assigning Features Of Work to the activities.

Activity Tab

If you need to manually add or adjust the individual Activities, from the Contract Menu / Finances / Pay Activities screen, you can select either the Add or Edit button at the top of the screen, as appropriate. You can also Delete individual Activities from this screen.

The second tab of this screen will list all the CLIN’s used for the contract.

CLIN Tab
Add activities for each CLIN until the *Sum of Activities* equals the amount designated for the CLIN. Continue through all CLINS until the *Sum of Activities* equals the amount of the contract.

![Activity detail screen](image)

**Mandatory Entry Elements for Pay Activities**

RMS will function properly financially if only the top portion of the input screen is completed. The lower portion of the screen is extremely useful and you are encouraged to complete all of it in detail. In any case, the following three (3) items must be completed.

**Description**

Enter a brief description of the activity into the *Description*. This field allows for up to 50-characters in length. However, when you are using the SDEF feature, the SDEF truncates the field to about 35 characters. Therefore, you might want to only use the first 35 characters so the description appears okay after imported from P3 (be sure to use the same description in P3).

**CLIN**

The *CLIN* field lookup should be selected so you can choose the appropriate *CLIN*. The *Quantity* field just below will automatically populate, based on prior entry of the *CLINS*.

**Amount**

The *Amount* of the activity is entered here. If a *Quantity* Item were chosen, the Amount field would be gray and you would enter the *Quantity*. 
• This “Contractors” tab is new and presents a look at some of the successes and shortcomings of the Contractors’ scheduling efforts.

• You can readily see how many activities were assigned to each contractor and if NO activities have been assigned to a contractor.

• The screen also shows how many activities do not even have a Contractor assigned to do the work.

• By using the EDIT button, you can view the details of each line and make corrections on the Activity screen itself.
The “Features” tab is also new and shows how many activities have been assigned to each Feature of Work, or if none have been assigned.

It doesn’t make sense to create a Feature of Work and then neglect to assign activities to it. In addition, an Activity Hazard Analysis is required to be prepared for each Feature of Work and without activities associated with it, the AHA would be incomplete.

You can use the “Edit” buttons to view the details and make corrections/adjustments as needed. You can navigate all the way to the Pay Activity input screen if you need to.

This screen shows the same data as previous versions of RMS.
Chapter 9 – Contract Change Requests

What this Chapter presents:

- Overview
- Prefix Code for Change Requests
- Contract Change Requests
- Basic Change Document (BCD)

Overview

For military projects: When an appropriation is made, contingency funds are generally allocated to cover modifications that arise. As modifications are proposed and funding entered, the necessary funds are automatically subtracted from the available amount and added to the unawarded estimated amount (for status 5 mods). When a modification is designated as Complete (status 6 mods), the funding amount is added to the award contract amount.

For civil projects: Contingency funds are not generally allocated for the contract. When modifications need to be funded, additional money is added to the contract.

RMS looks at modifications in four distinct parts:

1. The first part defines the change and tracks actions before the change becomes an official contract modification. During this time, RMS refers to the change by Change Request Number, using your Office Prefix Code for Change Requests and a sequential number. The Prefix Code for Change Requests is identified on the Office/Office Description screen as shown below.

2. The second part begins once all actions on the Change Request are complete.

3. The third part adds the Reference Number and creates the modification package.
4. The final step is the identification of the package through the **Standard Procurement System (SPS)**, referred to as **PD² (Procurement Desktop Defense)**, which will provide the A or P modification number.

**Prefix Code for Change Requests**

You must ensure the proper code is entered here.

**Contract Change Requests**

A **Change Request** is generated in anticipation of a potential or real Modification to the Contract. The process generates what is known as a **Basic Change Document (BCD)**. The **BCD** describes the change, the reason it is necessary, the initial estimated cost and time impact and may also be used to evaluate AE liability if Design Errors or Omissions cause the change.

The process of adding a Change Request is a matter of following logical steps and tracking to completion. In the example screen below, you can see that all steps have been completed, as is indicated by the presence of the **green** check marks on the bottom section of the screen.
Stage Codes

Various financial reports include fields showing different types of codes. Some of these codes are a merge of the Contract (Project) Stage Code and the Change/Modification Stage Code. The Project Stage Code is the Number and the Modification Stage Code is the letter. Some reports show the codes separate and some show the codes together, such as 6K or 4D. Some of the reports even spell out the code rather than use the alpha/numeric indicator. The abbreviations are listed below:

**CONTRACT / PROJECT STAGE CODES**

1 – Project Stage: Future  
2 – Project Stage: Active  
3 – Project Stage: Construction Complete  
4 – Project Stage: Physical Complete  
5 – Project Stage: Final Pay  
6 – Project Stage: Fiscal Complete

**MODIFICATION STAGE CODES**

(These codes are also shown in the “Summary Reports / Library Reports / Modification Stage Codes” in RMS.)

A – Initiated  
B – Proposal Requested  
C – Proposal Received  
D – Change Negotiated  
E – Send SF30 to Contractor  
F – SF30 sent to Contractor  
G – CO Signature Required  
H – ACO Signature Required  
I – Mod Signed – Not Obligated  
J – Mod Signed – and Obligated  
K – Mod Ready – Send to District  
L – Completed – Sent to District  
M – Cancelled
**Mod Reason Codes**

RMS requires use of a Mod Reason Code to indicate the cause, justification, explanation, and necessity for issuance of a design or construction contract change request and subsequent contract modification. Contract modifications may include numerous change requests and sub-items for these change requests. Within the Basic Change Document (BCD) in RMS each individual change request in the BCD must use the same reason code. When change requests are combined in a final modification to the contract, the various change requests may contain different reason codes. Reason codes apply to Design-Build (D-B) contracts in the same manner that they apply to other types of construction contracts.

Mod Reason Codes are divided into 3 categories as follows:

**Award Options**

- 5 Pre-negotiated (Bid) Contract Option Exercised After Award
- I Incremental Definitization of Work (NEW – ECB, 2009-31)

**Controllable**

- 1 Engineering Changes -- Includes possible and confirmed A-E Fault
- 8 Value Engineering Changes
- G Government Furnished Property (Deficiency Corrections)
- S Suspensions of Work
- T Termination of Work
- V Construction Changes (Necessary to Complete Contract)

**Uncontrollable**

- 4 User Changes -- Discretionary
- 6 Miscellaneous Changes
- 7 Differing Site Conditions (not readily identifiable by thorough Site Investigation)
- 9 Administrative Changes (Fund Cite, Paying Station, Address, etc.)
- A Adverse Security Conditions
- E Excusable Delay for No Fault (Weather or Act of Nature)
- Q Variations in Estimated Quantities
- R Revaluation – Foreign Currency

An appropriate code is needed for proper classification of construction contract change requests and modifications used to incrementally definitize work issued under indefinite delivery contracts (IDCs) and other contracts that use a process of incrementally defining work after its award.

Types of IDCs: An indefinite delivery contract (IDC) is a type of contract that has been established for a specific value and time duration to a specific contractor when the exact times and exact quantities of future deliveries are not known at the time of contract award. Indefinite delivery contracts provide for the issuance of orders for the performance of tasks during the period of the contract. Principal types and variations of indefinite delivery (delivery order/task) contracts are: (1) indefinite delivery contract, (2) definite-quantity contract, (3) requirements contract, (4) indefinite-quantity contract, (5) preplaced remedial action contract (PRAC), (6) multiple award task order contract (MATOC), (7) performance-oriented construction activities (POCA) contract, and (8) job order contract (JOC). One specialized type of IDC is a performance-oriented construction activity (POCA) contract that is awarded to include terms that include a not-to-exceed dollar value or a not-to-exceed duration of years. Some of these specialized IDCs use fixed pricing while others use cost-reimbursable types of pricing.

This new “Modification Reason Code I - Incremental Definitization of Work” is used for contract change modifications for POCA contracts and any similar IDC task order/contract used for purposes of definitization of the scope and/or cost of a previous contract action or modification.
# Sample – Basic Change Document (BCD) Form – Partial Only

## BASIC CHANGE DOCUMENT (BCD)

<table>
<thead>
<tr>
<th>VIDO SERIAL NO.</th>
<th>CONTRACT NO.</th>
<th>INCEPTION DATE</th>
<th>DATE COMPLETED</th>
</tr>
</thead>
<tbody>
<tr>
<td>00001</td>
<td>DAC27–10-C-0001</td>
<td>04 Dec 2009</td>
<td>10 Jan 2010</td>
</tr>
</tbody>
</table>

**PROJECT LOCATION**  
RMS Center Training Contract  
Louisville  
Cogeco Roma

### PART A. 1. DESCRIPTION OF CHANGE

1. Stainless Steel Handrails  
   Provide Stainless Steel Handrails for all 12:1 concrete HC ramps.

Initial Estimate: $35,500.00  
Time Extension: 0 Days

### PART B. 2. SPEC/DWG

<table>
<thead>
<tr>
<th>TABLE</th>
<th>SPEC/DWG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless Steel Handrails</td>
<td></td>
</tr>
</tbody>
</table>

### 3. TIME EXTENSION

- **YES**
- **NO**

**CALENDAR DAYS**: 0

### 4. TOTAL

$35,500.00

### 5. NECESSITY FOR CHANGE

(Attach a copy of Directive letter of authority from OCE or Using Service and brief statement as to necessity of contract action. Include any special construction requirements or known quantities. Include any information regarding status of work in progress and future activities that will be affected by this change):

1. Stainless Steel Handrails
   a. Necessity for Change:
   b. Reasons for Omission from Original Plans and Specifications:
What this Chapter presents:

- Overview
- Contract Modifications

Overview

This chapter furnishes instructions for processing construction contract modifications. You are encouraged to review and follow your own District guidelines if a procedure or recommendation herein conflicts with your District policies.
Contract Modifications

A modification allows the Government to add or change information and/or requirements of the contract.

Like the Change Request, to add a Modification you follow logical steps and track the Modification until it is complete. The example screen above shows numerous Modification packages. The Modification Status at the bottom of the screen reflects the current progress of the entire effort for the Modification package.

It should be noted that the Modification Number will be assigned by the “Standard Procurement System” (SPS), called “PD²”, following completion of all signatures and processing through SPS.

In accordance with the FAR, Modifications signed by an ACO will begin with the letter “A”, and those signed by the Contracting Officer (Procurement Officer) will begin with the letter “P”.
SF30 - Page 1 Tab

There are two things to be accomplished from this screen:

1. Select Change Request(s) to be included on this Modification
   (You select one or more existing Change Requests to be included in this new Modification package.)

2. Add/Edit Contract Line Item(s) to equal the Modification Amount
   You have the choice to either automatically add a CLIN equal to Modification, manually Add a New CLIN, or to revise an existing Lump Sum CLIN. The latter will present you with a listing of the existing CLINS to choose from.
SF30 - Page 2 Tab

SF30 Block 2

The modification number entered initially (i.e., R00019) will be replaced via SPS when the Modification is completed by Contracting. However, in most all cases, the Contractor will use this temporary number and may not even be aware of the final number.

SF30 Block 4

The Requisition number is typically the PR&C number and will be automatically populated by RMS in most cases. It may be changed if desired or needed.

SF30 Block 12

The Accounting and Appropriation Data memo field is an optional field if required by your District or this modification. There is a ‘lookup’ if you choose the EDIT button that may include standard wording if this feature is used in your District Library.

SF30 Block 13

Select the manner in which the Modification is being issued and select the appropriate FAR Clause(s) from the lookup provided.

Also, indicate whether or not the Contractor will be required to sign the Modification.
SF30 Block 14

The last section of the tab includes the entry for the Modification Title. This block (14) is continued on the next Tab.

If you are selecting more that one change request to a modification, verify that the title of the change reflects the basic scope of work of each item, if at all possible. The title should be easy to understand and use keywords that may help you identify it.

SF30 - Page 3 Tab

SF30 Block 14 (continued)

The first two memo fields are for entry of optional notes on the contract price and time and should reflect any particulars that were discussed or addressed during negotiations of the modification with the contractor. You may use the remaining memo fields for comments related to the Change in Schedule and enter a Closing Statement. The Closing Statement should reflect your District or Office policies. A lookup is available in the Edit screen to import statements already prepared. These can be found in your District Library, under Standard Text.

SF30 Block 15A

At the bottom of the screen, indicate the name and title of the Contractor representative that will sign this modification.

SF30 Block 16A

At the bottom of the screen, indicate whether the Contracting Officer or the Administrative Contracting Officer will sign this Modification and use the lookup to populate the fields.

Note: You can assign Signatures for each individual Modification and the signatures will be saved with the Modification it is associated with.
Release Mod Tab

This screen is to record the administrative progress of the modification. You must obtain a PR&C from CEFMS for funding and all required signatures must be entered with the appropriated date fields completed.

Notice the “instructions” in the bottom window of the screen.

When date entries are made in this section, it is assumed that the CEFMS approvals and certifications are completed simultaneously.

Enter the date the Government (CO or ACO) signed the Modification.
The above screen then turns into this screen when those boxes are completed.

Enter the Obligation Amount and check the “Modification funded with Obligations in CEFMS” box.

When you indicate the modification is complete by checking the box at the bottom, you will get this popup message:

**Pay Activity Tab**

You should then balance the activities prior to exiting the modification area if you push Yes. If Yes is pushed the next screen appears, from which you enter the activities.

Push the Edit button and then the Add or Edit button on the next screen to enter or modify activity details. This second window will list all the activities assigned to the CLIN linked to the modification.
Pay Activity Screen

This is the same Contractor Activity Screen that was discussed in Chapter 8 of this Manual. This screen will be filled in automatically, with this limited data, if you choose to let RMS automatically add activities to balance the CLIN.
**Supporting Documents Tab**

You can add documents for reference that include the following:

- Correspondence
- Request For Information
- QA Report Narratives
- QC Report Narratives
- Modification Documents
- Attachment (Photos, Documents, etc.)

The listing of such Supporting Documents can be created and attached to the package when finalized. You can view the attachment by pushing the **Docs** button.
You have now completed the Modification.

Your goal is to be able to view a green check mark on each of the areas at the bottom of the screen.
What this Chapter presents:

- Overview
- Adding a Payment
- Contractor Pay Request (GIG Sheet)
- Payment Terms
- Sending Payments to CEFMS
- Payment Reports

Overview

This chapter addresses instructions for processing construction contractor payments.

Progress Payments is located under the heading Contract Menu / Finances.

Prior to making any progress payment, you should verify that all finances are properly balanced, including CLIN’s and Contractor Activities.
Adding a Progress Payment

The Progress Payments screen is used to review and/or add pay periods.

You begin the process by pushing the Add button at the top of the screen. If a payment already exists, you can also Edit it from this location.

RMS will accommodate processing a payment and a refund on the same ENG Form 93.

NOTE: The ENG 93 does not exist in the Contractor module (QCS) until AFTER it is processed in RMS and returned to the Contractor.

You DO NOT NEED to have an ENG 93 to process Pay Requests for the Contractor, including CEFMS payments. What you should get from the Contractor is the “PROMPT PAYMENT CERTIFICATE” and his payment request via the QCS export – that is all that is needed.

The Contractor should be submitting his payment request based upon the agreed upon amount or percentages that has taken place between the Contractor and Government office personnel most familiar with the progress taken place.
Prompt Payment / Pay Requests from QCS

In accordance FAR 52.232-5 — “Payments Under Fixed-Price Construction Contracts”, RMS and QCS have been provided with screens to accommodate the information specified to be furnished by the Prime Contractor relative to any Subcontractor used on the contract.

Key items to be provided on Subcontractors:

a. Listing of amount for work accomplished by each subcontractor.
b. Listing of the total amount of each subcontract. (1st Tier Only)
c. Listing of amount previously paid to each subcontractor (includes any deductions against the subcontract, per the Prompt Payment Act (PPA)).

Screens are available to provide data for Assignments and Notification of Defective Invoice.

The Prompt Payment Certification is also included on the screen and a report can also be generated within QCS to submit with the Contractor’s Payment Request.

You will undoubtedly encounter Contractors reluctant (or even refusing) to indicate the Contract Amount of their Subcontractors. Reasons vary for Prime Contractors. Some Prime Contractors are fearful the Government will determine WAY TOO MUCH overhead/profit is being taken and will haunt them with deductive change orders. Other Prime Contractors may like to ‘live’ off the Subcontractor money. You never have to argue with a Prime Contractor on this, simply point out the FAR requirement and refuse to pay them anything until they comply. Prime Contractors have been barred for Government work due to violations of the Prompt Payment Act (PPA).
Prompt Payment Certification Report (Page 1)

<table>
<thead>
<tr>
<th>Subcontractor Name</th>
<th>Total Amount Subcontracted</th>
<th>Previous Subcontractor Payments (Excluding Deductions)</th>
<th>Subcontractor Amount Included in this Payment Estimate (Excluding Deductions)</th>
<th>Subcontractor Earnings Deducted by Contractor (Total to Date)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airtril Corporation</td>
<td>$500,000.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>D Fence Gang</td>
<td>$350,000.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>Downhill Racers</td>
<td>$401,000.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>Mudslingers</td>
<td>$255,000.00</td>
<td>$0.00</td>
<td>$350.00</td>
<td>$35.00</td>
</tr>
<tr>
<td>Sparks Electrical, Inc</td>
<td>$535,000.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>Tar Guys</td>
<td>$174,000.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>Trees R Us</td>
<td>$230,000.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
</tr>
<tr>
<td>** TOTAL</td>
<td>$2,445,000.00</td>
<td>$0.00</td>
<td>$350.00</td>
<td>$35.00</td>
</tr>
</tbody>
</table>

** A written notice of any withholding shall be issued to a subcontractor (w ith a copy to the Contracting Officer) of any such notice issued by the Contractor, specifying (1) the amount to be withheld, (2) the specific causes for the withholding under the terms of the subcontract, and (3) the remedial actions to be taken by the subcontractor in order to receive payment of the amounts withheld. Attach copy of notification to pay estimate. Reference FAR 52.232-27(g).

I hereby certify, to the best of my knowledge and belief, that:

1) The amounts requested are only for performance in accordance with the specifications, terms, and conditions of the contract;

2) Payments to subcontractors and suppliers have been made from previous payments received under the contract, and timely payments will be made from the proceeds of the payments covered by this certification, in accordance with subcontract agreements and the requirements of Chapter 39 of Title 31, United States, Code; and

3) This request for progress payments does not include any amounts which the prime contractor intends to withhold or retain from a subcontractor or supplier in accordance with the terms and conditions of the subcontract.

4) This certification is not to be construed as final acceptance of a subcontractor's performance.

Signature: __________________________________________ Date: ____________________

Ricardo Fior, VP Construction
Typed Name and Title
Contractor’s Pay Request Worksheet

Each pay period a Contractor’s Pay Request worksheet (aka, Gig Sheet) can be printed from the Contract Reports menu. This worksheet shows the total amount for each activity, what has already been paid and any outstanding items that might impede or impact the amount the Contractor requested. This should be reviewed prior to making any final determination on the amount of the pay request to be processed.

The Contractor’s Pay Request Worksheet is accessed from the Contract Reports menu.

The worksheet report will give you a detailed listing of all items that are outstanding and/or delinquent on a given Activity. For example, if the Contractor is missing payrolls or insurance the worksheet will list them.

The Contractor is also able to print out this worksheet from the Contractor’s QCS Module prior to requesting payment.
Obligation Payment Terms

This option allows different payment terms (days) for each Obligation Line Item for compliance to the Prompt Payment Act. The Payment and Refund Terms (days) may be changed in RMS and will be uploaded to CEFMS for the current payment only (if the Payment Terms are different in CEFMS, RMS will not be over-ridden on the next exchange of data with CEFMS). The Final Payment terms are always 30 days. This button will give you a listing of ALL Obligation Line Items and you would then EDIT the one you wanted to change, as is shown on the next screen.
CEFMS Set Up for ENG 93 Payments

You need to ensure that CEFMS has been set up to make Progress Payments (ENG 93). Now would be a real good time to take a look at the CEFMS screens to verify proper indication.

This is the Progress Payment Indicator box and it must be set at “Y” (Yes).
**SPS Set Up for Payment Terms**

Modifications created in SPS should also have the Payment Terms agree with the Contract and should agree with CEFMS. The following screen (6.1.1) in SPS is set up for each Obligation and includes the box to indicate the proper Payment Terms.

![Screen shot showing Payment Terms indicator box](image)

This is the Payment Terms indicator box and it must reflect the proper payment terms as in the Contract.
Sending Payment to CEFMS

With the Progress Payment completed, you can send it to CEFMS for signature and payment to the Contractor. Push the **Send to CEFMS** button to begin.

When you push the **Send to CEFMS** button, RMS will ask you for your User Name and Password and log into CEFMS. The rest will be automatic and the payment will be placed into CEFMS for approval.

The CEFMS payment upload now sends Pay Period from and thru dates from RMS to CEFMS. (Instructions are also included in RMS to remove downloaded CEFMS information associated with a payment if that payment is deleted from RMS. This allows the RMS user to back up to previous payments and reprocess them as the current payment if needed, without having the CEFMS payments add back in automatically. The CEFMS payments will, however, add back in with the next CEFMS download.)
Reports for Progress Payments

Reports may be accessed from the Contract Menu. Push the Contract Reports button and select Finances on the left of the screen. It is suggested that the various Reports available from the Report Explorer be printed out and filed with the Contract files.
Chapter 12 - Contractor Quality Control - Planning

What this Chapter presents:

Required Planning Activities:

Administrative:
- Prime Contractor Data
- Subcontractor Data

Quality Assurance / Quality Control:
- Features of Work
- 3 Phase Inspections
- Hazard Analysis
- QC Tests
- User Schools
- Transfer Property
- Installed Property
- Equipment Checks
Overview

This chapter addresses information on the planning activities required for Contractor Quality Control and provides instructions for utilizing the Quality Control modules of the RMS program.

In contracts of $1,000,000 or more, detailed CQC should be applied and a properly edited CEGS-01451 (01 45 04.00 10) should be included in the contract. Inclusion of detailed CQC in construction contracts under $1,000,000 is discretionary. When construction services are obtained through an international governmental agreement, CQC should not be used unless it is specifically required by that agreement.

Quality Control Requirements

There are areas that must be addressed in the Planning of a contract before a Contractor can adequately prepare his Daily Quality Control Report. This includes, among many other things, what RMS refers to a QC Requirements.
Prime Contractor Data

The Prime Contractor window is comprised of four (4) tab entry screens, located under Administration from the RMS Contract Menu. Data is entered into each tab separately, beginning with the Contractor Information tab.

Responsibility Code –

This code should match the Contractor’s scheduling package if one is being used. It must be unique and cannot be assigned to any other subcontractor for this contract. The responsibility code for the Prime Contractor is always PRIM and is automatically entered by RMS. If a subcontractor is performing more that one type (feature) of work, enter the code for his most 'significant' work. An alpha/numeric identifier is almost always used within a commercial scheduling package and can easily be imported into the RMS/QCS programs. The Corps of Engineer’s Standard Data Exchange Format (SDEF) specifies numeric identifiers only, however, the RMS/QCS programs will accept either/or.

DUNS (CEC) No –

Enter the nine-digit (or thirteen-digit) Contractor CEC number (DUNS # or DUNS +4#), as it appears on the Contractor’s proposal or contract award letter. A sample CEC number is “03-8074381”. (FAR 52.204-4, Contractor Establishment Code (CEC)). The CEC is a 9-digit code assigned to a Contractor that contracts with a Federal executive agency. The CEC system is a contractor identification coding system that is currently the Dun and Bradstreet Data Universal
Numbering System (DUNS). The CEC system is distinct from the Federal Identification Numbering (TIN) system. The Government will obtain a CEC for any awardee that does not have or does not know its CEC. The CEC number should be found on the executed SF 1422, in block 14. It is also used in Block 2 of the DD Form 2626, Performance Evaluation (Construction), form in CCASS.

The Data Universal Number (DUNS) is a unique nine-character (or thirteen-character) company identification number issued by Dun & Bradstreet. To verify or locate a DUNS number for the construction firm in the Central Contractor Registration (CCR) visit:


Contractor Short Name / Contractor Name –

Enter the Contractor’s Company short name that will be used on many reports and screens in RMS and QCS and enter the complete name that will be used for Correspondence, Payments, etc.

NAICS Code –

Enter the Contractor’s NAICS code. A sample NAICS code is “236220”, for “Commercial and Institutional Building Construction” (most of our Contractors will have this code).

The North American Industry Classification System (NAICS) has replaced the U.S. Standard Industrial Classification (SIC) system. NAICS was developed jointly by the U.S., Canada, and Mexico to provide new comparability in statistics about business activity across North America. To locate your NAICS code for Construction, refer to the following website: http://www.naics.com/naics23.htm

Office to receive payments –

This entry will be completed automatically from CEFMS, if CEFMS is used. (If the contractor is in CEFMS more than one time, you will need to select which Payee Office to use.

Contractor Representative to Review Contractor Evaluation (DD2626)

Enter the name and email address of the Contractor representative that will be authorized to review and comment electronically to the Contractor Evaluation (DD Form 2626) issued at the end of the contract.
The remaining tabs, (Contractor Address, Management/Work Days, and Bond Co./SBA are self explanatory and all applicable fields should be completed.

**Prime Contractor Data in District Office Module**

If your District is using the **Prime Contractors** module in the **District Office** module, you will be able to import much of this information for your Prime Contractor.

You will need to ensure that Prime Contractors have first been entered in the **District Office** module to be able to copy the information from there. Once entered, the information will be easily added to new contracts. You can also copy all contractors from the various offices directly into the **District Office** module.

**Manually Add Contractor to District Office Module**

When you select the Add button you can **Manually Add a Prime Contractor**. Enter the appropriate information and click on the **Close** button to add the contractor.

![Manually Add A Prime Contractor](image.png)

Copy Prime Contractors From Existing Contracts

![Copy Prime Contractors From Existing Contracts](image.png)
Copy Prime Contractors from Existing Contracts

When you first use this feature from the District Office module, you can simply copy the data from existing contracts into the module. A listing of existing contractors will appear and you select the ones you wish to add to the list. Choosing the Close button will add the selected contractors to the listing.
Copy Prime Contractor Data from District Office Module

Adding a contractor to a new contract is easy when you already have them entered into the District Office module. When you click on the DUNS No: elipsis, you get a pop-up screen that lists all contractors in the District Office module. Choose your contractor and then select the OK button.

You then decide to either copy just the DUNS number, or all of the information on the screen.

If you’ve chosen all of the data, your work is streamlined and the Prime Contractor information is completed.
Prime Contractor Data is Copied to Contract

The information copied will spread across two screens (tabs) to complete the information on the Prime Contractor.
Subcontractor Data

The subcontractor entry is an essential part of the RMS program. For example, attaching a subcontractor to each activity will link submittal items to the subcontractor. With the subcontractor linked to activities, RMS knows who has related responsibilities, such as for Preparatory and Initial Inspections.

A subcontractor list is necessary to document Labor Interviews. Without the subcontractor data, daily Labor Hours cannot be posted in the Daily Quality Control Report.

Subcontractor deficiencies are noted on the Contractor Pay Request worksheet.

Subcontract amount and particulars are required per the Prompt Payment Act.

NOTE: The Prime Contractor should ONLY enter amounts for their 1st Tier Subcontractors. They should indicate a 2nd tier subcontractor as such and the amount of the subcontract will not be entered. Otherwise, RMS will total the amount twice for reports, such as the DD Form 2626. The amounts also appear on the Prompt Payment Certificate. Prime Contractors most often do not have access to the amount of any subcontracts beyond which they themselves initiate.

A listing of Subcontractors may be provided to the User at the conclusion of the contract for Warranty contacts.
Push the **Add** button to add a new Subcontractor, or the **Edit** button to edit information on an existing Subcontractor.

**NOTE:** ONLY enter amounts for 1st Tier Subcontractors. By checking the box “Contractor is a Second Tier Sub”, the “Amount Subcontracted” entry will be removed from this screen.
QC Planning Data

The next area of Contract planning activities can be found on the Contract Menu, QA / QC, and includes the Features of Work, 3 Phase Inspections, Hazard Analysis, QC Requirements, and Equipment Checks as required by the contract.

Features of Work

In accordance with the terms of the contract, the Definable Features of Work are required to be listed in the contractors’ Quality Control Plan. Using RMS to create that list is an easy way for the Contractor to meet these requirements. However, even more importantly, Features of Work are tied to the contractor's pay activities providing both the Government and the Contractor valuable information and report capability.

Press the Add button to create each Feature of Work. Then, enter the data in the pop up screen by using the lookup provided, or by typing directly into the cells. Close the window when completed and repeat as needed. Features of Work can also be entered in QCS (and really should be if your Contractor is using QCS).

Features of Work are general categories of construction work that are referenced in the contract specifications. A feature can be thought of as a phase of work requiring a separate Preparatory Inspection (typically, there is at least one for every technical specification section, with many sections having multiple features).

Within RMS and/or QCS, Features of Work are tied to 3-phase inspection checks. As such, Features of Work are an integral part to the power of the RMS Inspection Check sheets and should be thought through quite carefully. Both the Government and Contractor are able to link Features of Work to 3 Phase Inspection checks. (See the QCS User Manual for the QCS process.)
3 Phase Inspections

The 3-Phase Inspections within the QCS program, and the Government RMS program, utilize checks that are numbered, generally following the CSI specification format. The CSI-based numbering system is used in such references as Sweets Catalogs, MEANS Estimating Books, Military Specifications, and so forth. This is done in QCS and RMS to categorize various comments and items where they can easily be remembered and found and to minimize duplication of comments in various areas.

The linking of 3 Phase Inspection checks to the Features of Work is discussed extensively in the separate QCS Manual and will not be repeated here. Once the links have been made, you will see a screen similar to the following, which depicts the number of Checks linked for each of the 3 Phase Inspection periods.

Hazard Analysis

The Contractor should prepare a Hazard Analysis for each Feature of Work. This is accomplished in the QCS program. After they are created in QCS, they will be available in RMS for review, comments, acceptance or rejection.

We need to realize that the AHA is really keyed around the activities required to accomplish a certain feature of work and addresses any hazards, or potential hazards, that may be associated with work anticipated to be required while doing the actual work.
The Contractor is able to create the AHA in his **Contractor Library** for each feature he would add to the library. The library AHA's will be available to add (copy) to any contract. Thus, the Contractor, using QCS, will build the AHA on the **Features of Work** listed in the contractors’ CQC Plan and (hopefully) in the QCS program.

Many of the items in the AHA are identical, or very similar, from one FOW to another. Therefore, the Contractor is able to **COPY** an AHA from one FOW to another. The idea is to simplify input.
# Hazard Analysis Report (Sample)

**Hazard Analysis - FEATURE: Concrete**

**12 Jan 2010**

**RMS Center Training Contract**

**DACA27-10-C-0001 NA**

**US Army Corps of Engineers**

### Principal Steps

<table>
<thead>
<tr>
<th>Potential Safety Health Hazards</th>
<th>Recommended Controls</th>
</tr>
</thead>
</table>

#### Concrete Testing
- **Chemical Burn**: Rubber gloves and boots are required.
- **Stone/Toes Crushed**: Steel/composite toe boot required.
- **Lye Hazard**: Safety glasses, half masks, and/or goggles. Face shield as required.
- **Tilting/Bending/Crushing**: One person will hold chute while testing personnel obtains sample.
- **Slip Hazards**: Ear protection required when exposed to loud equipment and noise.
- **Wear Safety Harness**: Leg protection required when not more than four inches over the shoulder and not exposed.

#### Curb Machine
- **Foot caught in trimmer**: Stay clear from trimmer while machine is operating.
- **Hand caught in conveyor**: Keep hands clear of conveyor belts.
- **Strike to the Head**: Hard hats must be worn at all times.

#### Curb Machine String Line
- **Tripping and Fall Hazards**: Be alert and watch your step.

#### Double Trowel
- **Equipment Operation**: Ensure that all operators are fully trained in the operations and safe handling procedures for double trowel machine.
- **Driving Metal Stakes**: Hold metal stakes loose on sides.
- **Struck by Hammer Head**: Be aware of loose hammer head and make sure your hardhat is firmly attached to your head.

#### Hauling Materials with Flatbed Truck
- **Hand caught in conveyor**: Keep hands clear of conveyor belts.
- **Hand caught in trimmer**: Stay clear from trimmer while machine is operating.
- **Struck by equipment**: Signal operator and ensure he signals to the employee before employee approaches equipment. Always approach equipment from the rear rather than from the side. Contact the operator for services in boxes and debris areas.

### Equipment Requirements

<table>
<thead>
<tr>
<th>Equipment to be used</th>
<th>Inspection Requirements</th>
<th>Training Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Forklift</td>
<td>1. Initial and daily inspection of equipment once onsite.</td>
<td>1. Certified operators</td>
</tr>
<tr>
<td>2. Basket/Gannon</td>
<td></td>
<td>2. Qualified Operator</td>
</tr>
<tr>
<td>3. Curb Machine</td>
<td></td>
<td>3. Trained Personnel</td>
</tr>
<tr>
<td>4. Concrete Pump Truck</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Triple machines</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Wheel barrows</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Shovels</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Tamper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. Screwed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. Floats</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11. Edgers</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Page 4 of 4**
QC Requirements

QC Requirements include four (4) separate items for control and tracking. Each of the items is located under a separate Tab, as can be seen below.

- QC Tests
- User Schools
- Installed Property
- Transfer Property

Quality Control Tests

*Quality Control Tests* are defined in the Contract and are based on engineering and construction judgment as to the type and number of tests to be accomplished. After the award of the contract, the Contractor will further define the method and quantity of tests based on the material quantity and/or equipment options he has chosen to incorporate into the work. The tests should also be addressed in the Contractor Quality Control Plan for the contract.

User Schools

*User Schools* represents the Training or Instructions the Contractor must provide the Customer on equipment or systems provided and installed as part of the contract. As each session of the Training or Instruction is completed, it is reported as such within the Contractor’s Daily QCR.
Installed Property

*Installed Property* is those items of equipment that are incorporated into the design of a facility. These are typically acknowledged as those pieces of equipment that may require maintenance, have serial numbers and can be accounted for individually. It is the Designer that specifies the equipment, based upon Design guidance provided by the Government Design or Using Agency. These items are given the prefix “IP” by RMS and take the form of “IP-####” for numbering and tracking purposes. As the *Installed Property* arrives at the jobsite, it is compared to approved Shop Drawings for conformance to the contract; the serial number and other information is recorded and reported within the Contractor’s Daily QCR.

Transfer Property

*Transfer Property* is that property that “changes hands” during the construction process. Examples would include Government Furnished Property (GFP) that the Contractor would install or consume during the contract performance. It would also include spare parts and supplies that are furnished by the contractor as part of the contract requirements. It could also include equipment or materials that were deleted as part of a contract modification and that were beneficial for the Government to retain rather than get some minimum token credit for the deletion.
**Equipment Checks**

All Contractor equipment that requires a mechanic’s inspection should be entered here – this does not include ‘hand tools’.

The entries will then be available to report their use and standby time on the Contractor Daily Quality Control Report (QCR).
**Dredging Equipment**

If you have a dredging contract, the dredging equipment data must be entered to be able to complete a Daily Dredging Report in QCS.

You will add information for a bucket/pipeline dredge, or a hopper dredge. You make the selection after you choose the **Add** button. You then choose to add the Bucket/Pipeline Dredge or a Hopper Dredge and enter the appropriate information.

You can add as many Dredges as you need and will be able to create a Daily QC Report for each individual Dredge, each day.
Exposure Hours

The Contractor will enter the employee work hours in QCS (Exposure Hours) and transmit that information to RMS with each QCS-to-RMS export. After the hours are imported, the Government needs to decide to Accept the hours as submitted, or return to the Contractor for corrections – these selections are along the bottom of the screen.

The Safety and Health Requirements Manual, EM 385-1-1, at section 01 (Program Management), Paragraph 01.D (Accident Reporting and Recording), sub-paragraph 01.D.05, requires the Prime Contractor to maintain records of all exposure and accident experience of the Prime Contractor and all Subcontractors relative to the work. The information is captured and will produce the required exposure report.
Resident Management System

Monthly Injuries/Illnesses & Exposure Report

The exposure hours will be compiled and you are able to create the Monthly Injuries/Illnesses & Exposure Report for upward reporting.

In accordance with the provisions of EM 385-1-1, Section 01 Program Management, Engr 10.3.0 Accident Reporting and Recording Requirements, Paragraph 10.3.2, the USACE Prime Contractor shall provide a Monthly Record of Work-Related Injuries and Illnesses and Exposure Experience for upward reporting. These records shall include exposure work hours and a record of work-related injuries and illnesses that include the data elements listed below. Definition criteria for each data element is found in 29 CFR Part 1904. If the maintenance of OSHA 300 Logs are required by OSHA, most of this information can be obtained from those logs. If data on log provided below is revised after it is submitted to USACE, Contractor shall provide a revised report to the GDA. You must complete the USACE ENG Form 3394, Report of Accident Investigation Report for all recordable accidents. If you're not sure whether a case is recordable, call your local Safety and Occupational Health Office for help.

No accidents reported
Exchanging Data between RMS/QAS and QCS

Export from RMS Using SFTP Server

The procedures to exchange files with the Contractor has been significantly streamlined and made easier to use. We will start by selecting the Import/Export (QCS) function from the main contract menu and push the Export to QCS button at the bottom of the window. The procedure for importing or exporting from QAS is the same as from RMS.

If the Contractor has yet to export (exchange) a file with RMS you will see the following screen. It advises you when you exported a file to QCS and lets you know that all exports will include ALL data (libraries, etc.) until the Master QCS site acknowledges and returns a file.
After you have imported a file from QCS the foregoing screen changes to advise you of the last date of the QCS import.

When the contractor installs the QCS program, a **SITE ID** is automatically assigned for the Contractor. This ID must be conveyed to the Government to enable the transfer of files. Enter the number here (i.e., JSG7MJ2G):

You will then need to determine how you prefer to transfer the file to the contractor. Use the **Settings** feature for this purpose.
The preferred way to transfer files is to make use of the RMS Center Secure File Transfer Protocol (SFTP). The other method is to export a file that you would email or furnish on another media to the contractor. In this example, use the SFTP method and push OK.

The Government Representative will need to advise the Contractor of the Contract ID number so he can select it from within QCS. This number is the number automatically assigned to a project in RMS when it is first entered into RMS and cannot be changed. This example shows the Contract ID as being P0004537.

RMS will upload the file to the SFTP server and it will then be available for the Contractor to add the contract to his QCS program.
The contract is now placed on the RMS SFTP server and is available for the Contractor.
Import from RMS/QAS to QCS Using SFTP Server

When the Contractor is ready to import the project into his QCS program, he must first be advised of the **Contract ID** number (i.e., **P0004537**). The Contractor will then add the contract to his program after importing your file from the SFTP site, as follows.

1. **Enter the Contract ID here:**

2. **Push OK.**
QCS will complete the import and it will then appear on the Contract Menu of the program (opening screen).

If the Contractor does not use, or enters an incorrect **Contract ID** number, the following message will appear:

Or, you may see:
Export from RMS/QAS by Exporting File

If, for some strange reason, you do not wish to utilize the SFTP method of transfer, you can elect to prepare a file and transmit (email, floppy disk, CD, etc.) the file to the Contractor. The method to do so is similar to the above. That is, you start from the Import/Export screen of RMS/QAS and push the Export to QCS button. The following screen will appear.

You must enter the QCS Site ID obtained from the Contractor for his QCS program and enter it here.

Push the Settings button to set up Export to file method of transfer.

Check the radio button next to Export to file and use the Browse button to indicate where you want RMS to store the created file (i.e., C:\temp\RMS_P0000816_QCS.RXF). Press OK (twice) to begin the export.
RMS will create the file and place it where you indicated.

The location of the file is then indicated at the bottom of the **Import/Export** screen (i.e., C:\\temp\\RMS_B2000698_QCS.RXF).
Import from RMS into QCS by Exported File

The procedure for adding a contract via an Import file is very similar to using the SFTP server. The first step is to push the **Add** button on the Contracts menu.

Select **Import from File**. Use the **Browse** button to locate the desired file.
Locate and highlight the file and then push **Open** followed by **OK**.

QCS will then import the file.
When the import is complete, the program will automatically open the contract to the **Contractor Library / QCS Site Description** screen, as shown below. You will then need to add the QCS Site Title, Primary Point of Contact Name and EITHER a telephone number or email address.

![Contractor Library - QCS Site Description](image)

**Request Export File for Adding Contract**

As above, when you push the Add button on the main menu, select **Request Export File** if you have not yet been provided one by the Government. The next screen will provide instructions on getting the export. In either of the cases, you will need to have your site registered to be able to import a contract.

![Adding New Contract](image)
Automated Import and Export

RMS can perform automated imports and exports for QCS. Users that use the SFTP repository option will have exports automatically sent to the SFTP repository on a nightly basis.

In order for this function to operate, the “Export Settings” and “Import Settings” must indicate that you are using the SFTP transfer method, as opposed to the “Export to File” option. Also, the box entitled “Automatic Import / Export” must be checked.

This is beneficial to users that are working on multiple contracts, because RMS will send exports for all contracts that have the settings set to use the SFTP repository. This feature will do automated imports from the Contractors (QCS) if the Contractor has manually sent an export from QCS to the RMS Center SFTP repository. The imports/exports will be done during off hours. Users will still have the option of doing manual imports and exports for individual contracts. RMS will filter this feature to those contracts that have identified a QCS Site ID and have not yet received Final Payment on the contract.
Adding QCS site within RMS

Push the QCS Sites button to view the listing of registered sites. In order to assign the various Modules to other QCS sites, you must have the QCS site ID number. If needed, RMS can change the QCS Master Site from one QCS site to another, etc.
What this Chapter presents:

Quality Assurance and RMS

- Overview
- QA Staffing
- QA Tests
- Planned Labor Interviews

Overview

This chapter addresses information on Government Quality Assurance and provides instructions for utilizing the Quality Assurance areas of the RMS program for planning purposes.
Contract Setup – Quality Assurance Tab

This is where you begin identifying, assigning and otherwise setting up the QA features for the contract. The type of report to be used is selected (Civil, Military, Dredging, or other special report type that are set up in the District Library), Personnel are identified (RMS will accommodate up to 3 shifts) and you enter the weather data from tables or listings that are included within the contract specifications. You will also need to indicate the number of days per week the Contractor is working – this will assist in converting “Adverse Weather Days” to actual required days to extend the contract.

Contract Setup/Quality Assurance Tab

![Contract Setup/Quality Assurance Tab]

- **Quality Assurance**
  - Qnl Report Type
  - Send QA Report To
  - Number of QA Shifts: 1 shift, 2 shifts, 3 shifts
  - Chief QA Rep: PETER A. KAUSER
  - Alternate QA Rep: BRIAN LAMMERS

- **Time extensions due to adverse weather per month based on:**
  - Anticipated adverse weather days per month based on 5 Day Work Week:
    - Jan: 5, Feb: 2, Mar: 1, Apr: 2, May: 1, Jun: 4, Jul: 5, Aug: 6, Sep: 6
    - Anticipated adverse weather days per month based on actual work days per week:
      - Jan: 4, Feb: 3, Mar: 1, Apr: 2, May: 1, Jun: 4, Jul: 5, Aug: 6, Sep: 6
QA Testing

The QA Tests option is located from the main Contract Menu at QC/QA, QA Tests. Tests are entered that are to be performed by, or on behalf of, the Government. This information can be obtained from either the contract specifications and/or the submittal register, but should be coordinated with Contractor QC Plan for precise type and quantity of tests (i.e., we should be doing at least 5% of the number of QC Tests performed by the Contractor).
Planned Labor Interviews

If selected in Contract Setup, Labor Standard Interviews, using SF 1445, are held with labor-type workers by Government Representatives as a spot-check to verify that the contractors are in compliance with the labor standard provisions of the contract.

Planned Labor Interview Window

The actual Labor Interview is part of the Daily QA Report process.

Please review ER 1180-1-8, Contracts Labor Relations, Chapter 7, which speaks to the interview process. It is very important that the enforcement procedure and reporting be accomplished as required by regulations. This chapter may be obtained at the following website address:

Contract Labor Relations - ER 1180-1-8
What this Chapter presents:

Quality Control Report and RMS

- Overview
- Daily QC Report
- Sample Daily QC Report Form

Overview

This chapter addresses information on the **Contractor Daily Quality Control Report** and provides general information for utilizing the **Quality Control Report** module of the RMS program.
Daily Quality Control Report

The Government and Contractor reports are accessed from the same location within RMS. The dates shown reflect the QA/QC Report Dates, and you select the QC Report from the next screen. This screen depicts a standard “Civil Report”. This contract has been set up to utilize Dredge Reports and if you need to add a dredge report you will simply check the radio button and view the 2nd screen below.
With this next window, push the **QC REPORT** button to access the “CIVIL” QC report. *If the Contractor is using the QCS program (as indicated during Contract Setup) this option will not be available from within RMS, except you may VIEW a QCR submitted by the Contractor.*

At the top of the screen is the **REPORT NUMBER** for this particular date (E.g., 526). This report number coincides with the Notice to Proceed Acknowledge Date Milestone. The date entered will result in the report being QA/QC Report Number 1. Both the QA and the QC report use the same number for a particular calendar day. Non-work days are included in the tabulation, therefore, the report numbers will not always be sequential.

The contractor will complete each of the items shown on the left of the screen and can print out or view the QC Report as needed. A **HARD COPY (with QC Signature and Superintendent initials)** of the report should be supplied to the Government to be included in the Contract File.

If QCS is being used, you will have the option of returning the QC Report to the contractor for needed corrections.
Sample Quality Control Report Form

After all desired entries have been made, it is time to print the report and archive as a permanent document for the contract. Press the QC Report button from this screen to generate the report.

See a sample QC Report on the following two pages.
## Resident Management System

### Sample – Quality Control Report Form – Page 1 of 1

<table>
<thead>
<tr>
<th>CONTRACTORS QUALITY CONTROL REPORT (QCR)</th>
<th>REPORT NUMBER</th>
<th>Project</th>
<th>CONTRACT NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAILY LOG OF CONSTRUCTION - CIVIL</td>
<td>526</td>
<td>RMS Training Contract</td>
<td>NA</td>
</tr>
</tbody>
</table>

**Date:** 14 Jan 2010 - Thursday

**Contractor:** Cogeco Roma

**Weather:** Weather Caused No Delay
- Temperature Min: 46 °F, Max: 53 °F
- 0.75 IN Precipitation
- 15 MPH Wind

**QC Narratives:**
- Work Performed Today: Continuing to prepare for Dredge dumping on the beach just North of Malibu. The Dredge crew is setting up today.

**Prep/Initial Dates:**
- No preparatory or initial inspections were held today

**Activity Start/Finish:**
- The following activity was started today:
  - Activity No: 0001
  - Description: Basic Contract
  - No activities were finished today

**QC Requirements:**
- No QC requirements were completed today

**QA/QC Deficiency:**
- No QC Deficiency items were issued today
- No Deficiency items were corrected today

**Contractors on Site:**
- Today was the first day on site for the following contractor: Cogeco
- No contractors had their last day on site today

**Labor Hours:**

<table>
<thead>
<tr>
<th>Employer</th>
<th>Labor Classification</th>
<th>Number of Employees</th>
<th>Hours Worked</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cogeco</td>
<td>LABORER, COMMON</td>
<td>6.0</td>
<td>48.0</td>
</tr>
</tbody>
</table>

Total hours worked to date: 48.0

**Equipment Hours:**
- No equipment hours were reported today
- Total operating hours to date: 0.00

** Accident Reporting:**
- No accidents reported today

**Contractor Certification:**
- On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

<table>
<thead>
<tr>
<th>QC Representative’s Signature</th>
<th>Date</th>
<th>Superintendent’s Initials</th>
<th>Date</th>
</tr>
</thead>
</table>
With this next window, check the **Dredge Report** radio button to access the QC Dredge report options. This sample contract has been setup to use both the Bucket/Pipeline and the Hopper Dredge. You will add these reports by choosing the **Add** button, selecting the **Date** of the report and, finally, the **Dredge Type** you wish to report on.

We will choose the **Bucket Dredge** to view first.

**NOTE:** For these Dredge Types to appear, you must have created them in the District Library and selected them in **Contract Setup** on the contract you are using them.
The contractor will complete each of the items shown on the left of the screen and can print out or view the QC Report (Form 4267) after the report is checked as being completed. You may also COPY a report from a previous day and make any changes to it as necessary.
Sample Bucket Dredge Report Form 4267 – Page 1 of 2

After all desired entries have been made, it is time to print the report and archive as a permanent document for the contract. Press the **Form 4267** button to generate the report.

<table>
<thead>
<tr>
<th>CONTRACT NO.</th>
<th>CONTRACT TITLE</th>
<th>CONTRACTOR</th>
<th>REPORT NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>W912P8-08-C-0038</td>
<td>HPO INHC-02, INHC Hurricane Protection</td>
<td>Shaw Environmental &amp; Infrastructure, Inc.</td>
<td>292</td>
</tr>
</tbody>
</table>

**Quality Control Report - Bucket/Pipeline**

<table>
<thead>
<tr>
<th>DREDGE</th>
<th>NAME AND TYPE</th>
<th>SHIFTS PER DAY</th>
<th>DAYS PER WEEK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Captain Frank</td>
<td>2</td>
<td></td>
<td>7</td>
</tr>
</tbody>
</table>

**HORSEPOWER**

<table>
<thead>
<tr>
<th>PIPELINE</th>
<th>DREDGE PUMP</th>
<th>SUCTION PIPE/JET</th>
<th>CUTTER OR BUCKET</th>
<th>DREDGE</th>
<th>SHORE</th>
<th>OTHER</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>0</td>
<td>6,165</td>
<td>0</td>
<td>60</td>
<td>36</td>
<td>6</td>
<td>42</td>
</tr>
</tbody>
</table>

**LOCATION/CHANNEL OF WORK**

**REACH DREDGED:**
- Station to Station: swept sta 44+61 to 38+50 then sta 50+00
- Range: -160 in BB to sweep 18ft hole

**DISPOSAL AREA USED:**
- Northern

**GROSS (CY):**
- 10,600
- 824,147

**CHARACTER OF MATERIAL (%):**
- GRAVEL: 0%
- SAND: 0%
- CLAY: 0%
- MUD: 0%
- SILT: 0%
- HARDPANN: 0%
- STONE: 0%
- SHELL: 0%
- SPRAY: 0%
- OTHER: 100%

**CHANNEL CONDITION**

**AVG DEPTH BEFORE DREDGING:**
- 13

**AVG DEPTH AFTER DREDGING:**
- 15

**WEATHER CONDITION**

**Weather Caused No Delay:**
- TEMP (min / max): 36°F / 67°F
- VISIBILITY: 8
- WIND: S 8-18

**LOCATION OF WORK**

**WEATHER STAGE**

**MIN TIME:**
- GAGE LOCATION: 00:00
- GAGE DATUM: NA

**RIVER/TIDE STAGE**

**MIN TIME:**
- GAGE LOCATION: 00:00
- GAGE DATUM: NA

**WEATHER CONDITION**

**WEATHER TEMP (min / max):**
- 36°F / 67°F

**WEATHER VISIBILITY:**
- 8

**WEATHER WIND:**
- S 8-18

**WEATHER CAUSING DELAY:**
- No Delay

**OPERATING SUPPLIES**

**COMMODITY**

**CONSUMED**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>UNIT</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>FUEL</td>
<td>BBL</td>
<td>3,983</td>
</tr>
<tr>
<td>ELECTRICITY</td>
<td>KW</td>
<td>0</td>
</tr>
<tr>
<td>LUBRICANTS</td>
<td>GAL</td>
<td>42</td>
</tr>
</tbody>
</table>

**CREDITED**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>UNIT</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>FUEL</td>
<td>BBL</td>
<td>0</td>
</tr>
<tr>
<td>ELECTRICITY</td>
<td>KW</td>
<td>0</td>
</tr>
<tr>
<td>LUBRICANTS</td>
<td>GAL</td>
<td>0</td>
</tr>
</tbody>
</table>

**MOB DATE**

<table>
<thead>
<tr>
<th>DREDGE START</th>
<th>DEMOB DATE</th>
<th>TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (CHARGEABLE TO COST OF WORK)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/27/2008</td>
<td>10/30/2008</td>
<td>17 5</td>
</tr>
</tbody>
</table>
### QC NARRATIVE(S)

**QC Activities Performed Today (Inspections, Tests, 3 phase meetings, etc):**

The Captain Frank dredge completed operations today from stations 44+61 to 38+50. The dredge then moved to station 50+00 at BB and swept as much of the 18 foot hole as possible. The Massman barges are in the way. The Massman tugs pull up to the barges in the gate and leave them in gear and they are stirring up the mud.

The Captain Frank dredged 10,600 cyds of material into the southern disposal area at X=3737922.16 and Y=5509533.05. Total amount of material dredged to date for Captain Frank Dredge is approximately 738,592 cyds.

The disposal containment area is continually being managed and maintained with marsh buggies on the southern dike.

Final surveys were taken today from stations 33+00 to 51+00 and in BB from station 50 range 0 to -160 the 18 foot hole.

Total amount of material dredged to date for the Venture is approximately 427,655.

Total amount of material dredged to date is 1,166,247 cyds.
Next, we will view the **Hopper Dredge** Report:

As with the previous Dredge Report, when you report the entries as completed, you may view/print the Report itself. Click on the **Form 27A** button to view the report. Also, you are able to **COPY** a report from a previous day and make any necessary changes.
### Resident Management System

**Sample Hopper Dredge Report Form 27A – Page 1 of 2**

<table>
<thead>
<tr>
<th>QUALITY CONTROL REPORT - HOPPER DREDGE</th>
<th>PAGE NO.</th>
<th>Page 1 of 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTRACT NO.</td>
<td>CONTRACT TITLE</td>
<td>RMS Training Contract</td>
</tr>
<tr>
<td>[B2000698]</td>
<td>CONTRACTOR</td>
<td>Cogeco Roma</td>
</tr>
<tr>
<td>CONSTRUCTION TITLE</td>
<td>REPORT NO.</td>
<td>525</td>
</tr>
<tr>
<td>CHARACTER OF REPORT</td>
<td>DATE</td>
<td>13 Jan 2010 - Wednesday</td>
</tr>
<tr>
<td>MAINTENANCE NO.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DREDGE (Hopper Dredge No. 3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HOPPER CAP: ___________________ CY</td>
<td>AVG VOL OF BIN WATER: ___________________ CY</td>
<td>AVG UNFILLED CAP: ___________________ CY</td>
</tr>
<tr>
<td>NO. OF CREW MEMBERS: __________________</td>
<td>DREDGE: __________________</td>
<td>OTHER PLANT: __________________</td>
</tr>
<tr>
<td></td>
<td>WORK SCHEDULE: __________________</td>
<td>SHIFT PER DAY: __________________</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DAYS PER WEEK: __________________</td>
</tr>
<tr>
<td>LOCATION OF WORK</td>
<td>CUMULATIVE AND QTY DEPOSIT FOR DA(CY): ___________ CY</td>
<td></td>
</tr>
<tr>
<td>LOCATION CHANNEL: ____________________</td>
<td>DISPOSAL AREA USE: ___________________ CY</td>
<td></td>
</tr>
<tr>
<td>REACH DREDGED: STA TO STA: ___________</td>
<td>QTY DEPOSITED GROSS(CY): ___________ CY</td>
<td></td>
</tr>
<tr>
<td>AVG LENGTH OF CUT: ___________________</td>
<td>CUMULATIVE AND QTY DEPOSIT FOR DA(CY): ___________ CY</td>
<td></td>
</tr>
<tr>
<td>AVG WIDTH OF CUT: ___________________</td>
<td>CUMULATIVE AND QTY DEPOSIT FOR DA(CY): ___________ CY</td>
<td></td>
</tr>
<tr>
<td>AVG DIST TO DUMP: ___________________</td>
<td>CUMULATIVE AND QTY DEPOSIT FOR DA(CY): ___________ CY</td>
<td></td>
</tr>
<tr>
<td>CHARACTER OF MATERIAL</td>
<td>DENSITY OF MATERIAL: ___________________ GMS/LITER: ___________ GMS/LITER@ ___________ ° F</td>
<td></td>
</tr>
<tr>
<td>DENSITY OF WATER: ___________________</td>
<td>DENSITY OF WATER: ___________________ GMS/LITER: ___________ GMS/LITER@ ___________ ° F</td>
<td></td>
</tr>
<tr>
<td>RIVER/TIDE STAGE</td>
<td>MIN TIME: ___________ / MAX TIME: ___________ GAGE LOCATION: NA</td>
<td></td>
</tr>
<tr>
<td>MIN TIME: ___________ / MAX TIME: ___________ GAGE DATUM: NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WEATHER CONDITION</td>
<td>TEMP (min / max): ___________ / ___________ FT: ___________ / ___________ ° F</td>
<td></td>
</tr>
<tr>
<td>WEATHER TEMP (min / max): ___________ / ___________ FT: ___________ / ___________ ° F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WEATHER TEMP (min / max): ___________ / ___________ FT: ___________ / ___________ ° F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRAFT</td>
<td>NON-EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
</tr>
<tr>
<td>DISTRIBUTION OF TIME AND MILES RUN</td>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
</tr>
<tr>
<td>FORWARD LIGHT LOADED</td>
<td>AGITATING (MIN): ___________ / ___________ / ___________</td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AFT</td>
<td>DREDGE &amp; HAUL (MIN): ___________ / ___________ / ___________</td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRAG DEPTH: MAX: ___________ / MIN: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INDICATORS LAST CHECLED ON: ___________</td>
<td>RPM: ___________ / ___________ / ___________</td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVERAGE SPEED OF DREDGE DURING LOADING: ___________ FT/MIN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVERAGE SPEED OF DREDGE DURING AGITATING: ___________ FT/MIN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GALLONS OF FUEL OIL CONSUMED: ___________ GAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GALLONS OF WATER CONSUMED: ___________ GAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WORK PERFORMED</td>
<td>AGITATING: ___________ / ___________ / ___________</td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DREDGING AND HAULING</td>
<td>DREDGE &amp; HAUL: ___________ / ___________ / ___________</td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NO. OF LOADS: ___________ / TOTAL CY'S: ___________ / TOTAL CY'S: ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DISPOSAL AREA: ___________ / TOTAL CY'S: ___________ / TOTAL CY'S: ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ATTENDANT PLANT</td>
<td>WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEM NAME OR NUMBER: ___________ / H.P.'S: ___________ / HOURS: ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MISCELLANEOUS: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTALS: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOST TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAJOR REPAIRS AND ALTERATIONS: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COLLISIONS: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTALS: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL TIME/MILES: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE WORKING TIME: ___________ / ___________ / ___________</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RMS Form 27A**
## QUALITY CONTROL REPORT - HOPPER DREDGE

<table>
<thead>
<tr>
<th>LOAD NUMBER</th>
<th>DREDGING AREA</th>
<th>DISPOSAL AREA</th>
<th>START TIME (HH:MM)</th>
<th>STOP TIME (HH:MM)</th>
<th>PUMPING TURNING (MIN)</th>
<th>TO DUMP TO CUT (MIN)</th>
<th>TOTAL TIME (MIN/ICY)</th>
<th>DREDGED AMOUNT (CY)</th>
<th>AGITATED AMOUNT (CY)</th>
</tr>
</thead>
</table>

### QC NARRATIVE(S)

No QC Narratives were reported today.

---

**CONTRACTOR CERTIFICATION**

On behalf of the contractor, I certify that this Report is complete and correct and all equipment and material used and work performed during this Reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

---

**QC REPRESENTATIVE’S SIGNATURE**

**DATE**

**SUPERINTENDENT’S INITIALS**

**DATE**
Contractor QC Report Not Imported

If you have not yet imported the Contractors’ QC Report, and click on the QC Report option, you will get this message:
Contractor QC Report Imported – Opportunity to Return

If you have imported the Contractors’ QC Report and have identified items that need to be corrected, you can click on the Return to Contractor for Corrections box and it will be returned with your next RMS to QCS export.

The QC Report will then be returned and unchecked as being complete in the QCS program on the next export to QCS.
What this Chapter presents:

Quality Assurance and RMS

- Overview
- Daily QA Report
- Sample Daily QA Report Form

Overview

This chapter addresses information on the Government QA Report and provides general information for utilizing the associated Quality Assurance modules of the RMS program.

Quality Assurance is required on all construction contracts. The extent of assurance should be commensurate with the value and complexity of the contracts involved.

Elements of Quality Assurance

- Daily QA Report
- Government Staff
- QA Tests
- Required QA Verifications
- 3 Phase Inspection Checks
- Planned Labor Interviews
- Anticipated Adverse Weather
**Quality Assurance Requirements**

These are areas that have to do with *Planning* that is required before the Government or the Contractor can adequately prepare their respective Daily Reports. The Government, or the Designer accomplishes some of the planning before the contract exists. This includes what RMS refers to as *QC Requirements* as was discussed previously.

Although the government data is entered in the QA Report menu option and the contractor data is entered in the QC Report menu option, much of the data is interdependent. For example, a QC requirement such as a QC Test must be reported as *completed* in the QC Report option before it can be verified in the QA Report, Verify QC Requirements option.

**Creating a Daily QA REPORT**

The QA Daily Report is generated in RMS to document the Quality Assurance progress of the Government and to record, among other items, any conflicts, claims, or disagreements with the Contractor. QA Reports can be either the Military or Civil format (or other special), depending on how it was setup. RMS also includes Dredging Reports.

Keep in mind a simple thought: *The report should be a ‘record-of-fact’, not a ‘record of your opinions’.*
Civil or Military Format for QA Report

The only difference in the **Civil** and **Military** format is reflected on the **Weather** option of the QA Report. All other elements are identical.

At the top of the screen is the **REPORT NUMBER** for this particular date (E.g., 492). This report number coincides with the DAY construction commenced onsite. It is computed from the Milestone identified as “Construction Start Date”. The date entered will result in the report being QA/QC Report Number 1. Both the QA and the QC report use the same number for a particular calendar day. Non-work days are included in the tabulation, therefore, the report numbers will not always be sequential.
Deficiency Items

You are able to **Copy** Deficiencies (aka: punchlist items) from one location to another. This is especially beneficial in contracts such as dormitories, offices, etc., where the same comment is applicable to various locations.
You are also able to Replace on location with another location (change the name of any location globally). This will assist in having the Punch List sort correctly.
QA Attachments

You are now able to add attachments to the QA Daily Report. This feature is not yet activated for the QC Daily Report due to the current Import/Export time it takes. You can attach these types of files: doc, docx, rtf, txt, msg, htm, html, pdf, xls, xlsx, and various types of picture files, such as wmf, bmp, jpg, jpeg, gif and so forth.
# Sample Daily QA Report Form - Military

The *Daily QA Report* is accessed by pushing the **QA Report** button at the top of the screen.

---

**INSPECTORS QUALITY ASSURANCE REPORT (QAR)**  
**DAILY LOG OF CONSTRUCTION - MILITARY**  
*(ER 1150-1-6)*

<table>
<thead>
<tr>
<th>REPORT NUMBER</th>
<th>CONTRACT NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>526</td>
<td>NA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>WEATHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>RMS Training Contract</td>
<td>Weather Caused No Delay</td>
</tr>
<tr>
<td></td>
<td>Temperature Min 43 °F, Max 56 °F; 0.75 IN Precipitation; 15 MPH Wind</td>
</tr>
</tbody>
</table>

## QA NARRATIVE(S)

**Comments Pertaining to Contractors' CQC Activities:**

Fred Freeman: Contractor CQC Manager was not on site this morning. He arrived on the jobsite at 13:20 and indicated he had been to another project.

Fred Freeman: Contractor CQC Manager was not on site this morning. He arrived on the jobsite at 13:20 and indicated he had been to another project.

**Safety Inspections**

Fred Freeman: Inspected Trench from Main Transformer pad to Power Pole #43.

**Results of Safety Inspection:**

Fred Freeman: Trench work was satisfactorily being maintained with proper (approved) shoring, 2 ladder access points, and trench material was placed a minimum of 3 feet from the walls of the trench. No water was observed in the trench.

**Comments Pertaining to Contractors' CQC Activities:**

Fred Freeman: Contractor CQC Manager was not on site this morning. He arrived on the jobsite at 13:20 and indicated he had been to another project.

---

## QA DEFICIENCY

(Describe QA Deficiency items issued, verify QA Deficiency items reported corrected by contractor)

<table>
<thead>
<tr>
<th>QA Deficiency Item</th>
<th>Location</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>QA-00001</td>
<td>Room 16</td>
<td>Paint is peeling from wall. It appears the wrong type of sealer was used, as indicated on a can sitting in the room. The sealer is not the type and/or brand that was submitted and approved and was discussed at the Preparatory Inspection Meeting.</td>
</tr>
<tr>
<td>QA-00002</td>
<td>Vestibule 01</td>
<td>The storefront doors are loose on the floor. When you close the door the wall moves approximately 3/4-inch. You can take a flashlight and look underneath the store front and not see many anchors.</td>
</tr>
<tr>
<td>QA-00004</td>
<td>Latrine 4</td>
<td>Ceramic Tile on rear wall of HC stall is loose and falling out.</td>
</tr>
</tbody>
</table>

---

## QA TESTING

(Include test description, and results)

<table>
<thead>
<tr>
<th>QA Test #</th>
<th>Description</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT-00002</td>
<td>Density Test on Sidewalk subgrades - Results must be at least 90% optimum</td>
<td>Awaiting Results</td>
</tr>
</tbody>
</table>

---

## LABOR INTERVIEWS

The following employee was interviewed today:

- **Employer**: Cogeco
- **Employee/Classification**: George Jones MUCKER

---

**ENG FORM 2538-1, Aug 89 (Facsimile)** The QCR will be attached to or filed with the QAR
Sample Daily QA Report Form - Civil

The Daily QA Report is accessed by pushing the QA Report button at the top of the screen. The bottom portion of the report would be the same layout as the Military Report on the previous page.

<table>
<thead>
<tr>
<th>STRUCTURAL EXCAVATION</th>
<th>BORROW EXCAVATION</th>
<th>EMBANKMENT</th>
<th>CONCRETE</th>
<th>STRUCTURE</th>
<th>MINIMUM</th>
<th>MAXIMUM</th>
<th>WIND</th>
</tr>
</thead>
<tbody>
<tr>
<td>75%</td>
<td>75%</td>
<td>0%</td>
<td>0%</td>
<td>100%</td>
<td>43°F</td>
<td>56°F</td>
<td>15 MPH</td>
</tr>
</tbody>
</table>

Has Anything Developed on the Work Which Might Lead to a Change Order or Finding of Fact? [ ] NO [ ] YES (Explain)

24 Hour Precipitation

<table>
<thead>
<tr>
<th>NUMBER OF GOVERNMENT EMPLOYEES</th>
<th>RIVER STAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUPERVISORY OFFICE LAYOUT INSPECTION TOTAL LABOR FEET TIME</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

Number of Contractor's Employees: 7

Superintendents: 1

Skilled Laborers: 23

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.

Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

**QA NARRATIVES:**

**Comments Pertaining to Contractors' CQC Activities:**
Fred Freeman, Contractor CQC Manager was not on site this morning. He arrived on the jobsite at 13:20 and indicated he had been to another project.

**Safety Inspections**
Fred Freeman inspected Trench from Main Transformer pad to Power Pole #43. Trench work was satisfactorily being maintained with proper (approved) shoring, 2 ladder access points, and trench material was placed a minimum of 3 feet from the walls of the trench. No water was observed in the trench.

**QA DEFICIENCY**
(Describe QA Deficiency items issued, verify QA Deficiency items reported corrected by contractor)

The following QA Deficiency item was issued today:

<table>
<thead>
<tr>
<th>QA Deficiency Item</th>
<th>Location</th>
<th>Description</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>QA-00001</td>
<td>Room 16</td>
<td>Paint is peeling from wall. It appears the wrong type of sealer was used, as indicated on a can sitting in the room. The sealer is not the type and/or brand that was submitted and approved and was discussed at the Preparatory Inspection Meeting.</td>
<td></td>
</tr>
</tbody>
</table>

**QA TESTING**
(Include test description, and results)

The following QA test was performed today:

<table>
<thead>
<tr>
<th>QA Test #</th>
<th>Description</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT-00002</td>
<td>Density Test on Sidewalk subgrades - Results must be at least 80% optimum.</td>
<td>Awaiting Results</td>
</tr>
</tbody>
</table>

**LABOR INTERVIEWS**

The following employee was interviewed today:

<table>
<thead>
<tr>
<th>Employer</th>
<th>Employee/Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cogeco</td>
<td>George Jones MUCKER</td>
</tr>
</tbody>
</table>

**ENG FORM 2538-2, May 94 (CIVIL)**
The form together with ENG Form 2538-1, Aug 92, is equivalent to Aug 89 version, ENG Form 2538, Dec 87, however, is obsolete.
What this Chapter presents:

- Overview
- SpecsIntact Submittal Program
- Contract Setup
- Submittal Requirements
- Specification Sections
- Submittal Details & Register (ENG Form 4288)
- Transmittal Log (ENG Form 4025)
- Submittal Reviewers
Overview

This chapter furnishes information on Submittals for our contracts and provides general instructions for utilizing the associated Submittal related modules of the RMS program.

The SpecsIntact Specification Production System

The use of SpecsIntact (Specifications-Kept-Intact) in both Military and Civil contracts is mandatory, as established within Engineering Regulation ER 1110-2-1201 and CEMP-EA (1110) Memorandum of 14 April 1997, for all FY00 and future projects. This policy has been incorporated into ER 1110-345-700, "Drawings, Design Analysis, and Specifications".

Contract Setup

During an earlier Chapter of this Manual, we setup the submittal register(s) for our contract. This was done using the Contract Setup screen shown below. RMS can have as many different Submittal Registers as needed.
SUBMITTAL REQUIREMENTS

Submittal requirements can, and should be, imported from the **SpecsIntact** system. The **Import/Export** feature is shown from the main **Contract Menu / Import/Export** by highlighting **Import Submittals**. However, for you remaining neophytes that continue to insist on using an **Excel Spreadsheet** for submittal registers, RMS has the capability to import such antiquated and unofficial data format. If you have multiple submittal registers, be sure to select the correct “Import To” register.

If you have made the **SpecsIntact/Excel Template** import, you are finished with the setup!!

However, you can still make manual entries if required.

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>TRANS-</th>
<th>ITEM</th>
<th>SPEC PARAGRAP</th>
<th>DESCRIPTION OF SUBMITTAL</th>
<th>TYPE OF SUBMITTAL</th>
<th>CLASSIFICATION</th>
<th>REVIEWER</th>
<th>OFFICE / NAME</th>
<th>SUBMIT NEEDED BY</th>
<th>APPROVAL NEEDED BY</th>
<th>MATERIAL NEEDED BY</th>
<th>CODES</th>
<th>CODES</th>
<th>CORPS RECEIVED DATE</th>
<th>CORPS RETURNED DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0001</td>
<td>0</td>
<td>00</td>
<td>01 30 00 12 01103.3 PRECON SUBMTL</td>
<td>01 30 00 12 01103.3 Tier 2 NEPA Process and Decision</td>
<td>PRECON SUBMTL</td>
<td>GA</td>
<td>RO</td>
<td>St. Germain, Jan 24</td>
<td>Feb 13</td>
<td>Feb 13</td>
<td>15 Jan 10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0001</td>
<td>2</td>
<td>00</td>
<td>01 30 00 12 01103.3 PRECON SUBMTL</td>
<td>01 30 00 12 01103.3 NEPA Tier 2 Alternative Process Complete</td>
<td>PRECON SUBMTL</td>
<td>GA</td>
<td>RO</td>
<td>St. Germain, Jan 15</td>
<td>Dec 24</td>
<td>14 Jan 10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0001</td>
<td>2.1</td>
<td>00</td>
<td>01 30 00 12 01103.3 PRECON SUBMTL</td>
<td>01 30 00 12 01103.3 NEPA Tier 2 Complete Revised</td>
<td>PRECON SUBMTL</td>
<td>GA</td>
<td>RO</td>
<td>St. Germain, Jan 15</td>
<td>Dec 24</td>
<td>14 Jan 10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Specification Sections**

If you are using the Import feature from **SpecsIntact**, this selection is not absolutely required to be used. However, this area is used if you need to change or modify a title of a specification section, or if you need to manually enter a section that is not otherwise included. Your revisions to this area will affect the current contract only and will not alter the specification sections listed in the **System Library**. The nice feature of this area of the program is that you can have submittal section numbers and titles that do not agree, and do not conflict with those in the library. That is, a section in the library could have the same *number* as a section in the contract, but a totally different *title* assigned to it.

**RMS (System Library)** includes the older format of **MasterFormat 1995** and also includes the **MasterFormat 2004**. The older version basically included 16 Specification Divisions and the new format includes 50+ Divisions (it must have taken a Rocket Scientist to develop this new – it is a NASA program, remember). When downloaded from SpecsInTact you will download all of the fourteen characters available. With this format we are able to link the submittal items to various other data, such as QC Test or QA Tests.
Submittal Details and Requirements

Notice the distinct sections of this screen:

- Identification section
- Classification section (modified now to address Design-Build Contracting)
- Drawing and Submittal Type references
- Submittal Schedule section
- Primary/Secondary Reviewer sections
- Activity link and Time periods section on the Submittal Schedule section.

Submittal Requirements Window

Classification of Submittals

We currently use the following codes in the RMS program. These one character codes are directly imported from SpecsInTact.

- G = GA (Government Approval)
- D = DA (Designer of Record Approval)
- C = CR (Government Conformance Review of Design)
- F = FIO (For Information Only)
- R = DA/CR (Designer of Record Approval / Government Conformance Review of Design)
- A = DA/GA (Designer of Record Approval / Government Approval)

After all submittal items are entered, a Submittal Register (ENG Form 4288) can be generated as shown on the next page.
### Sample Submittal Register Form (ENG Form 4288)

#### Features – Submittals/Transmittals

1. **Multi-delete for Submittal and Transmittal screens.** You are able to perform multiple deletes.

2. **Submittal COPY feature** is available for all users. Previous versions only had this option available for the System Administrators. You are able to copy a submittal register from one contract to another contract or one register to another register. If you copy from register to register, you will need to ensure that **Contract Setup** is configured to use more than one submittal register.

3. **RMS includes a “Notify Label”** on the QCS IMPORT screen that lets User’s know when transmittals have been imported from the Contractor so they can be logged in.
Transmittal Log (ENG Form 4025)

The form provided by the Contractor to track submittal items is the Transmittal Log. This log will include one or more submittal items for one (and only one) technical specification section. QCS will print this form for the Contractor as part of the Submittal Control process.
## Sample Transmittal Form (ENG Form 4025)

### SECTION I - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION OF ITEM SUBMITTED</th>
<th>MFG OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO.</th>
<th>NO. OF COPIES</th>
<th>CONTRACT REFERENCE DOCUMENT SPEC. PA Ref. NO.</th>
<th>DRAWING SHEET NO.</th>
<th>CONTRACTOR USE CODE</th>
<th>VARIATION CODE</th>
<th>FOR CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Soil Borings and Test Program Scope</td>
<td>DESIGN DATA</td>
<td>7</td>
<td>3.2</td>
<td>A</td>
<td>Y</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>7.1</td>
<td>Revised Test Pile and Load Test Plan</td>
<td>DESIGN DATA</td>
<td>7</td>
<td>3.2</td>
<td>A</td>
<td>E</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>10% Design - G/WW - Approach Walls</td>
<td>DESIGN DATA</td>
<td>7</td>
<td>3.2</td>
<td>A</td>
<td>B</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### REMARKS

I certify that the above submitted items have been reviewed in detail and are correct and in strict conformance with the contract drawings and specifications except as otherwise stated.

NAME AND SIGNATURE OF CONTRACTOR

### SECTION II - APPROVAL ACTION

ENCLOSURES RETURNED (List by item No.)

NAME, TITLE, AND SIGNATURE OF APPROVING AUTHORITY

DATE
Transmittal Log

Imported Transmittals

If you have imported transmittals from the Contractor they will be listed here until such time as they are logged in. If they have all been logged in, RMS will indicate that also.

![Image of RMS training contract with a transmittal log]

All imported Transmittals have been logged in.
Transmittals in Review

This area reflects the review status and actions taken on transmittals until such time as they are sent to the Contractor. Once they are sent to the Contractor they no longer appear on this screen.
Submittal Reviewers

This feature allows you to revise and/or reassign Submittal Reviewers to a particular submittal item, to a section, and so forth. You may modify the screen directly by selecting the **Reviewer** or **Review Days** on the main screen shown.

![Screenshot of Submittals - Submittal Reviewers (01 Main Register)](image)

Alternatively, you may push the **Update** and have the following choices:

- **Assign Primary Reviewer for Unassigned Submittals**
- **Assign Primary Reviewer for Selected Office**
- **Replace Reviewer: ____ With: ____**
- **Replace Invalid Reviewers with a Valid Reviewer**
- **Set Government Review Period**
Chapter 17 – Schedules & the Standard Data Exchange Format (SDEF)

What this Chapter presents:

Contractor Schedule Requirements

- Overview
- Standard Data Exchange Format (SDEF)
- RMS and the SDEF
- Contract Specified Project Schedule
- Milestone Schedule
- Monthly Schedule
- Activity Schedule
- Feature Schedule
Schedules and the SDEF

Overview

This chapter furnishes basic information on the Schedules and the Standard Data Exchange Format and provides general instructions for utilizing the associated modules of the RMS program.

RMS maintains four types of schedules

Activity Schedule

This is the schedule used at the jobsite to forecast projected need dates for submittals, materials, equipment, work crews, testing schedules, 3-Phase inspections, etc. The level of detail (i.e., form footings, set re-bar, place concrete) is not very useful for the customer or those not tasked with the day-to-day scheduling operations at the jobsite. It would not make sense to duplicate this schedule in P2.
- RMS will now present a better picture of the Contractor’s scheduling efforts. The Activity Schedule screen now has an additional tab and two buttons to assist in this effort.

- Upon importing the initial SDEF file from the Contractor, both tabs (Current and Previous) will be identical, as you haven’t anything yet to compare. Following the next import of the SDEF file, the “Current Activity Schedule” will be moved to the “Previous Accepted Schedule” tab. You can toggle between the tabs and probably see some differences.

- However, a much better way to spot the differences is to use the Summary and Compare buttons. The Summary button will show you the Current Activity Schedule Summary and will show a listing of 13 items relative to the schedule, including the scheduled finished date and float.

- The Compare button gives you an in-depth look at the schedules when compared. It will show you the Activities Added, Amount Changed on the Activities, Duration Changes, and many others. The compare button will actually create a report that you can review immediately.

- The radio buttons along the bottom of the screen will show you are reviewing the schedule, you are accepting the schedule, or you are not accepting the schedule.

- If you accept the schedule, the listing will copy the Current Activity Schedule to the Previous Accepted Schedule to enable you to repeat the process with your next SDEF import.
• If you do not accept the schedule, you will get a message asking if you would like to not accept it, and if you say “Yes”, the program will delete it and restore the screen to its previous listing.

Milestone Schedule

The most important schedule to the customer is the **Milestone schedule**. This schedule includes not only major milestones like the Contract Award Date, Notice To Proceed, Construction Start Date, and BOD, but can also include important milestones for the customer, like partial turnover for installing customer furniture, scheduling User Training classes, O&M turnover, etc. During construction these types of milestones should be reviewed at the weekly planning meetings with the contractor and updated in RMS as part of the daily QA reporting process. Prior to construction award, milestone dates should come from P2 to RMS, but after construction award the construction milestone dates will come from RMS to P2. Some offices choose to include the Milestones the contractor may indicate on his project schedule.
Placement Schedule

This is the area from which you create your Placement Curve and you should ensure that the projected placement reaches 100%. You can create this manually, use an S-curve, or use the Contractor's activity scheduled start and finish dates.

A Baseline Schedule can be entered from this selection also. You can create the Baseline manually, or simply copy any placement to the Baseline. The baseline should be completed to make use of the Projected Placement module from the District Office module.
Feature Schedule

As part of the contractor’s QC Plan, **Definable Features of Work** for a construction contract are identified by the contractor to plan Preparatory, Initial and Follow-Up inspections of the work. RMS generates a feature schedule by finding the first activity scheduled to start under a feature and the last activity scheduled to be finished under a feature. Actual progress is determined by computing earnings to date on the activities for a feature. Most construction contracts (even those with 1000’s to tens of 1000’s of work activities) have fewer than 30 features of work. This rolled up feature schedule makes an excellent schedule for monitoring the progress on a contract. The customers find this schedule very easy to understand. Typical features include items like Site Utilities, Interior Electrical, Roofing, etc.
Standard Data Exchange Format (SDEF)

The SDEF was developed by the U.S. Army Construction Engineering Research Laboratories (USACERL) in conjunction with the Corps of Engineers Headquarters, Corps Field Offices, construction management consultants, scheduling software vendors, and professional associations.

Implementation of the SDEF makes data transfer between the Corps of Engineers and construction companies easier by establishing a standard format for the exchange of scheduling data.

NOTE: As of 2001, only Primavera is providing a Windows program (P3) with SDEF compatibility and a scheduling program that complies with the Project Schedule Guide Specification as endorsed by HQ USACE. There are other programs that can create the SDEF file, but have not yet been endorsed by the Corps of Engineers (more testing is required).

Feature for the SDEF

You can merge two SDEF files into one file with the available “SDEF Merger Utility”. This utility is available on the RMS and QCS Websites.

RMS and the SDEF

This guide specification covers the requirements for use of RMS for contract monitoring and administration. (QCS = 01 45 02.00 10) (Construction Quality Control = 01 45 00.00 20)

Contract Specified Project Schedule

This guide specification covers the requirements for the preparation and maintenance of the project schedule. (Project Schedule = -1 31 19.00 40) (NAS = 01 32 17.00 20)

District Milestone Events – District Library

Milestones are arranged in sub-groups and are based on the time period in which they occur. The sub-groups you may select are listed below:

- All Events = Listing of All Milestone Events
- Design = Events occurring prior to award
- Construction = Events occurring during construction
- Post Construction = Events occurring following construction
Local Milestone Events – Local Office Module

Milestones that are “gray” on this screen are mandatory milestones and originate from either the RMS program, or the District Library. They are Read Only and only the “Order No.” can be modified. You can choose to record the time of the milestone and whether to add the milestone to contracts as they are entered into the RMS program.
The **Milestone Schedule** in the contract reflects all the milestones from the RMS Program (System Milestones), the District Library and the Local Office modules. You are also able to add milestones that are unique to an individual contract, but these would not be listed in the Local Office, nor would they be available for other contracts. Remember, if you have multiple phases on a contract you can choose to use them, or roll them up into only one phase (**Contract Setup**).

The Milestone Schedule is also available at the **Administration / Contract Status / Milestone Schedule** tab.

The information on this screen will be shared with P2, therefore it is very important that it be kept current.
Milestone Reports - Summary Reports

There are three Milestone related reports available from the Reports Explorer, from the Summary area of RMS.
**Monthly Progress**

This selection should always be completed to provide either scheduled or projected earnings for the monthly projections.

The *Monthly Progress* shows earnings to-date figures that are automatically posted from each Contractor pay estimate. You can generate the Scheduled Progress from this selection.

Scheduled Progress must be maintained by the RMS user. You may copy/generate a progress schedule based on any of the options below. Once generated, you must manually adjust the scheduled progress as needed or return to this option to regenerate a new progress schedule.

- Copy Actual/Projected % Placement
- Selected S Curve from District Library modified for actuals to date
- Contractor’s activity scheduled start and finish dates:

**Contractor’s activity scheduled start and finish dates**

- Early start
- Mid floor start
- Late start
Activity Schedule

This option gives you a quick overview of your activity schedule. The information in this section is either entered directly into RMS or imported from the QC module (QCS) or scheduling software package. There is an opportunity to review imported data before incorporating it into RMS. Choosing Activity Schedule brings up the following screen.

This is a Read Only screen if the Contractor is using the QCS program and no changes can be made from this screen. The scheduled dates are either imported from the Contractor’s NAS or manually updated. The actual dates are imported (or manually extracted from) the Contractor’s Daily QC Report.

By using the drop-down menu, at the upper righthand side of the screen, you can view the activities sorted by any of the following:

- All Activities (Default)
- Critical Activities
- Activities Not Started
- Activities in Progress
- Activities Not Finished
- Activities Finished
Feature Schedule

As **Definable Features of Work** are required to be identified by the Contractor as part of his Quality Control program, this **Feature Schedule** of RMS is used to track and report when the **Preparatory and Initial 3-Phase Inspection Control Meetings** are scheduled and actually conducted.

All Contractor Activities should be assigned to one and only one Definable Feature of Work.

The Definable Feature of Work may have MANY Activities linked to it.

The Definable Features of Work in the Quality Control Plan should match those in the Scheduling program and the QCS program if being used.

The **Feature Schedule** can be accessed from the main **Contract Menu / Schedules / Feature Schedule** as shown below. If the contractor is using the QCS program, this will be a READ ONLY screen.

The **Preparatory** and **Initial** dates on this screen are taken from the Contractors’ Daily QC Report. If the contractor is not using QCS, entries may be manually entered here.
What this Chapter presents:

- Overview
- Closeout Activities
- Real Property
- Installed Property
- Transfers - DD Form 1354
- Requisitions - DD Form 1149
- Contractor Evaluations - DD Form 2626
- Warranty Inspections
Overview

This chapter addresses requirements for Transfer of Completed Facilities and Warranty enforcement procedures as addressed in \textit{ER 415-345-38} (30 June 2000). The referenced \textit{Engineering Regulation} is the basic regulation that prescribes USACE policy and procedures for transfer of completed construction projects. We will discuss how the RMS program is setup to assist us in closing out a contract.

Closeout Activities in RMS

RMS provides the following input screens and forms for closing out a construction contract and more are under consideration for future releases:

- Real Property Screens
- Transfers - DD Form 1354 Input screens and reports
- Requisitions - DD Form 1149 Input screens and reports
- Contractor Evaluations - DD Form 2626 Input screens and reports
- A-E Evaluations – Input for ACCASS
- Warranty Inspection screens and reports
Real Property

For Military construction contracts, Real Property is required to be documented by use of the DD Form 1354, “Transfer and Acceptance of Military Real Property”. This form is used to transfer a facility, or part of a facility, to the Using Service prior to either partial or complete occupancy. This form may be supplemented by DA Form 2877, “Real Property Record”, on Army construction contracts.

As shown above, Real Property is accessed from Contract Menu / Closeout / Real Property. This screen will show all items of Real Property that have been entered during the contract.
Real Property Unique Identifier (RPUID)

What Is a Real Property Unique Identifier? (RPUID)

- An RPUID is the "glue" that connects data.
- An RPUID is a non-intelligent, 18-character number assigned to a real property site or asset.
- All UIDs will be generated by, and maintained in, the Registry.
- A **Site** is comprised of one or more contiguous land parcels, and/or a collection of buildings, structures, or linear structures. A **Site UID** is assigned to a site in which DoD holds a legal interest.
- An **Asset** is a land parcel, building, structure, or linear structure located on a site. An **Asset UID** is assigned to each individual land parcel or facility (i.e., a building, structure, or linear structure).
- A UID is never duplicated or reused and remains archived in the Registry database even after the asset is retired or disposed, so that the UID and associated organizational information will be available for audit and reporting purposes.
Real Property Import from Spreadsheet

As an alternative to entering the Real Property directly into the RMS screens, an Excel Template is available to allow entry via a spreadsheet. The template can be downloaded from the RMS website at the following URL:

http://www.rmssupport.com/datafiles/RealPropertyTemplate_ver1_final.zip

You will use the Import/Export screen to use the Excel Template as follows:

For Design-Build contracts, where the Contractor is using QCS and must also provide the Real Property Listing and DD Form 1354, this will be most helpful.
Transfers – DD Form 1354

Once the **Real Property** is entered, you may prepare a *DD Form 1354* and link one or more pieces of the Real Property to the form. It is not uncommon on larger projects to have multiple Transfer Documents, as you need to provide one for the Customer to sign with each phase or portion of the contract turned over to them.
**Sample - DD Form 1354 Report Form**

You may view and print the form itself by selecting the **DD1354** button at the top of the screen.
Sample - Real Property Form – DD Form 1354

Transfer and Acceptance of Military Real Property – Page 1

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>FACILITY NO.</th>
<th>RPUD</th>
<th>CATEGORY CODE</th>
<th>CODE DESCRIPTION</th>
<th>TYPE</th>
<th>PAGE</th>
<th>CARRIAGE</th>
<th>CM</th>
<th>CM CNT</th>
<th>COST</th>
<th>FUND SOURCE</th>
<th>FUND ORG</th>
<th>FINISH CODE</th>
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<th>FINAL</th>
<th>REMARKS</th>
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</thead>
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<tr>
<td>1</td>
<td>13320</td>
<td></td>
<td>F</td>
<td>SF</td>
<td>320</td>
<td>0</td>
<td>$602,755.00</td>
<td>01</td>
<td>00</td>
<td>01</td>
<td>Navigation Equipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Additional Item Information: 8’ x 40’ x 9’ metal shipping container is converted to a storage room with unit heating/air conditioning unit mounted on roof.

24. STATEMENT OF COMPLETION: The facilities listed herein are in accordance with maps, drawings, and specifications and change orders approved by the authorized representative of the using agency except for the deficiencies listed on the reverse side.

25. PROPERTY VOUCHER NUMBER

26. DATE SIGNED: 

27. PROPERTY NUMBER

28. ACCEPTED BY: 

29. TRANSFERRED BY: 

Jean McAninch, PE

Resident Engineer

Emerson Edwards, PE

Tribal Chief

PREVIOUS EDITION IS OBSOLETE.
Installed Property

Included in the category of Installed Property are those items of equipment that are incorporated into the design of a facility. These are typically acknowledged as those pieces of equipment that require maintenance, have serial numbers and can be accounted for individually. This property is printed out on a separate report and is meant to accompany the DD Form 1354 for the Customer. Installed Property is not entered on the DD Form 1354 directly but, rather is one of the QC Requirements addressed earlier.

![QC Installed Property](image-url)

- **Installed No**: IP-00001
- **Location**: Manhole S-3
- **Section**: 02531
- **Unit Type**: EA
- **Paragraph**: 13
- **Unit Cost**: $554.50
- **Performed by**: Osmosis, Inc.
- **Required for Activity**: SB60140
- **Activity Start Date**: 09/17/2008A
- **Requirement Lag/Lead**: 30 days
- **Requirement Needed by**: 10/17/2008

**Description, ID, Manufacturer, Model, Serial Number**

- **Sewage Ejection Pump, SE-1**

**Capacity, BTU, CFM, KVA, HP, Volts, PH, AMPS, etc.**

- **50 HP, 250 GPM, 480-volt, 3-Phase**
Transfer Property (Requisitions - DD Form 1149)

Transfer Property is that property that “changes hands” during the construction process. Examples would include Government Furnished Property (GFP) that the Contractor would install or consume during the contract performance. It would include spare parts and supplies that are furnished by the contractor as part of the contract requirements, but not actually installed. It could also include equipment or materials that were deleted as part of a contract modification and that were beneficial for the Government to retain rather than get some minimum token credit for the deletion.

Requisition and Invoice Screen

When you choose Requisitions – DD1149, this screen appears and lists all the DD Form 1149’s previously entered into the system.
The DD Form 1149 is used to document the transfer of property to the customer and should include transfers to/from the Contractor, and the Corps of Engineers. This transfer may take place in more than one stage; if so, you will do one DD Form 1149 for each transfer.

DD 1149 Input Screens

The screens are pretty much self-explanatory and are used to compile the actual report. The information should be as complete as necessary to provide an audit trail of where each piece of transferred property actually was delivered.
Sample Transfer Property Form – DD Form 1149

Requisition and Invoice/Shipping Document – Page 1 of 1
### REQUISITION AND INVOICE / SHIPPING DOCUMENT

<table>
<thead>
<tr>
<th>ITEM</th>
<th>NO.</th>
<th>FEDERAL STOCK NUMBER, DESCRIPTION, AND CODING OF MATERIAL AND/OR SERVICES</th>
<th>UNIT</th>
<th>Q.</th>
<th>SUPPLY ACTION</th>
<th>CONTAINER NO.</th>
<th>UNIT PRICE</th>
<th>TOTAL COST</th>
</tr>
</thead>
<tbody>
<tr>
<td>00001</td>
<td></td>
<td>Provide 50 gallons of unopened pavement stripping paint. EA</td>
<td>EA</td>
<td>50</td>
<td>FedEx Box 10</td>
<td></td>
<td>$74.50</td>
<td>$3,725.00</td>
</tr>
</tbody>
</table>

#### ITEM 13

<table>
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<tr>
<th>CUBE</th>
<th>WEIGHT</th>
<th>SHEET TOTAL</th>
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<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

#### ITEM 14

<table>
<thead>
<tr>
<th>TOTAL</th>
<th>POSTED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### Contractor Evaluations – DD Form 2626

It is USACE standard operating procedure that the Contracting Officer evaluate contractor’s performance and prepare a performance report using the DD Form.
2626, *Performance Evaluation – Construction Contracts*, for each construction contract of certain values. Refer to the following website for details: https://www.cpars.csd.disa.mil/ccassmain.htm

**RMS / CCASS Interface**

The interface between RMS and CCASS is now available. Additional information can be obtained from the ACASS/CCASS the following website: http://www.cpars.csd.disa.mil/ccassmain.htm

The Construction evaluation will be prepared in RMS. When the evaluator has prepared the evaluation to the point it is ready to be sent to the Assessing Official, it will be marked completed and ready to be sent to CCASS in RMS. It has been suggested that the evaluation be sent to the Contractor before it is sent to CCASS. (NOTE: Some offices may have a policy against using email to send the evaluation to the contractor. In this case, you would discuss it with him personally or by telephone.) This will give you the opportunity to fine-tune the evaluation prior to formal submission.

The evaluation will be exported from RMS to CCASS. When the evaluation from RMS is imported into CCASS, the contract will automatically be registered. It is not necessary to “pre-register contracts” in CCASS when using the RMS-CCASS interface.
It is recommended (but not necessary) that the CCASS Focal Point authorize access to contracts prior to the evaluation being sent to CCASS from RMS. This will allow the Assessing Official (Evaluator), once notified that the evaluation is copied to CCASS, to log in to CCASS and continue processing the evaluation to the Contractor Representative. It is further recommended that the Focal Point give access to not only the Assessing Official, but the Contractor Representative and Reviewing Official at the same time.

The Focal Point is required to include email addresses when authorizing access to allow CCASS to send the system email notifications as the evaluation is moved through the workflow process. The Contract Data Entry Representative role is not required for evaluations being exported from RMS. (The only roles required are Assessing Official, Contractor Representative, and Reviewing Official.)

CCASS will provide RMS with updated status of the evaluation each time the evaluation is updated in CCASS all the way through completion.

Once you have indicated you are complete with the evaluation in RMS and indicate that is ready to be sent to CCASS, this green check will appear and RMS will automatically send the evaluation to CCASS as scheduled within the RMS program.
Is your Contractor having trouble gaining access to CCASS?

Contractors are required to obtain a PKI certificate in order to access the system. In addition to US contractors, contractors from only 4 other countries are able to obtain the PKI certificate: Canada, New Zealand, Australia, UK. All others must use a work around.

It works like this: Contractors from other countries need to use the login selection labeled, "Contractor Logon (Pending PKI)". This selection is available to all contractors from the date that the Focal Point initially enters them into the system through the next 90 days. (This is one reason not to set up these contractors at time of contract award, i.e. pre-registration.) However, since this pass through is only temporary (90 days), the Focal Point must send an email to the CCASS helpdesk requesting an extension of the 90-day period for the foreign contractor, as many times as necessary until the contractor has completed his commenting. The requests do not need to overlap. Once a contractor is in the system, the next time this contractor has a contract, a similar email can be sent to the helpdesk to initiate a new 90-day window.

Bottom line: There is no reason that any contractor cannot access CCASS to do their part, regardless of their country of origin.
The DD Form 2626 Report Form

You may access the report form directly from this screen by selecting the DD2626 button.
Sample - DD Form 2626 Report Form - Page 1 of 2

### PERFORMANCE EVALUATION (CONSTRUCTION)

#### PART I - GENERAL CONTRACT DATA

<table>
<thead>
<tr>
<th>3. TYPE OF EVALUATION (X one)</th>
<th>4. TERMINATED FOR DEFAULT</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTERIM (List Percentage ________)</td>
<td>AMENDED</td>
</tr>
<tr>
<td>X</td>
<td>FINAL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5. CONTRACTOR (Name, Address, and ZIP code)</th>
<th>6.a. PROCUREMENT METHOD (X one)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cogeco Roma</td>
<td>SEALED BID</td>
</tr>
<tr>
<td>73 Mt Estates, Ste 301</td>
<td>NEGOTIATED</td>
</tr>
<tr>
<td>Winlock</td>
<td></td>
</tr>
<tr>
<td>WA 98544</td>
<td></td>
</tr>
<tr>
<td>NAICS Code: 233320</td>
<td></td>
</tr>
</tbody>
</table>

####DESCRIPTION AND LOCATION OF WORK

RMS Training Contract

Solicitation Number W912PP-06-R-0017

Replacement of the Kayenta Community School:

The project replaces existing Bureau of Indian Affairs Kayenta Community School, Kayenta, Navajo County, Arizona, with two new school buildings: a K-8 school building with 29 classrooms that is approximately 76,192 gross square feet; and a 120-student, co-ed, two-story dormitory with 66 rooms that is approximately 24,900 gross square feet; for students K-8, with central administrative and common use single-story core. The K-8 school building includes elementary and middle school interdisciplinary and special

#### PART II - PERFORMANCE EVALUATION OF CONTRACTOR

<table>
<thead>
<tr>
<th>11. OVERALL RATING (X appropriate block)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OUTSTANDING</td>
</tr>
<tr>
<td>(Explain in item 20 on reverse)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>12. EVALUATED BY</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. ORGANIZATION (Name and Address (Include Zip Code))</td>
</tr>
<tr>
<td>CESPL-CON-AW</td>
</tr>
<tr>
<td>c. NAME AND TITLE</td>
</tr>
<tr>
<td>Daniel J Alves</td>
</tr>
<tr>
<td>Contracting Officer Representative</td>
</tr>
</tbody>
</table>

### Fiscal Data

<table>
<thead>
<tr>
<th>9. FISCAL DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. AMOUNT OF BASIC CONTRACT $30,891,908</td>
</tr>
<tr>
<td>b. TOTAL AMOUNT OF MODIFICATIONS $356,080</td>
</tr>
<tr>
<td>c. LIQUIDATED DAMAGES ASSESSED $0</td>
</tr>
<tr>
<td>d. NET AMOUNT PAID CONTRACTOR $28,691,476</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10. SIGNIFICANT DATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. DATE OF AWARD 03/30/2007</td>
</tr>
<tr>
<td>b. ORIGINAL CONTRACT COMPLETION DATE 12/15/2008</td>
</tr>
<tr>
<td>c. REVISED CONTRACT COMPLETION DATE 05/13/2009</td>
</tr>
<tr>
<td>d. DATE WORK ACCEPTED</td>
</tr>
</tbody>
</table>

### TYPE AND PERCENT OF SUBCONTRACTING

- 34% Earthwork
- 34% Concrete
- 20% Electrical
- 21% Insulation-Buildings
- 15% Plumbing
- 13% Steel Joists/Decks
- 9% Masonry

### Significant Dates

- a. DATE OF AWARD: 03/30/2007
- b. ORIGINAL CONTRACT COMPLETION DATE: 12/15/2008
- c. REVISED CONTRACT COMPLETION DATE: 05/13/2009
- d. DATE WORK ACCEPTED

### Agency Use (Distribution, etc.)

DD FORM 2626, JUN 94 USAPPC V1.01 EXCEPTION TO SF 1420

APPROVED BY GSA-IRSM 6/94
### Resident Management System

**Sample - DD Form 2626 Report Form - Page 2 of 2**

<table>
<thead>
<tr>
<th>PART III - EVALUATION OF PERFORMANCE ELEMENTS</th>
<th>CONTRACT NUMBER: W912PP07C0010 N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>N/A = NOT APPLICABLE</strong> <strong>O = OUTSTANDING</strong> <strong>A = ABOVE AVERAGE</strong> <strong>S = SATISFACTORY</strong> <strong>M = MARGINAL</strong> <strong>U = UNSATISFACTORY</strong></td>
<td></td>
</tr>
<tr>
<td><strong>15. QUALITY CONTROL</strong></td>
<td><strong>16. EFFECTIVENESS OF MANAGEMENT</strong></td>
</tr>
<tr>
<td>a. QUALITY OF WORKMANSHIP</td>
<td>a. COOPERATION AND RESPONSIVENESS</td>
</tr>
<tr>
<td>b. ADEQUACY OF THE CQC PLAN</td>
<td>b. MANAGEMENT OF RESOURCES / PERSONNEL</td>
</tr>
<tr>
<td>c. IMPLEMENTATION OF THE CQC PLAN</td>
<td>c. COORDINATION AND CONTROL OF SUBCONTRACTORS</td>
</tr>
<tr>
<td>d. QUALITY OF QC DOCUMENTATION</td>
<td>d. ADEQUACY OF SITE CLEAN-UP</td>
</tr>
<tr>
<td>e. STORAGE OF MATERIALS</td>
<td>e. EFFECTIVENESS OF JOB-SITE SUPERVISION</td>
</tr>
<tr>
<td>f. ADEQUACY OF MATERIALS</td>
<td>f. COMPLIANCE WITH LAWS AND REGULATIONS</td>
</tr>
<tr>
<td>g. ADEQUACY OF SUBMITTALS</td>
<td>g. PROFESSIONAL CONDUCT</td>
</tr>
<tr>
<td>h. ADEQUACY OF QC TESTING</td>
<td>h. REVIEWS/RESOLUTION OF SUBCONTRACTORS' ISSUES</td>
</tr>
<tr>
<td>i. ADEQUACY OF AS-BUILTS</td>
<td>i. IMPLEMENTATION OF SUBCONTRACTING PLAN</td>
</tr>
<tr>
<td>USE OF SPECIFIED MATERIALS</td>
<td></td>
</tr>
<tr>
<td>USE OF SPECIFIED MATERIALS</td>
<td></td>
</tr>
<tr>
<td>IDENTIFICATION / CORRECTION OF DEFICIENT WORK IN A TIMELY MANNER</td>
<td></td>
</tr>
<tr>
<td>17. TIMELY PERFORMANCE</td>
<td>18. COMPLIANCE WITH LABOR STANDARDS</td>
</tr>
<tr>
<td>a. ADEQUACY OF INITIAL PROGRESS SCHEDULE</td>
<td>a. CORRECTION OF NOTED DEFICIENCIES</td>
</tr>
<tr>
<td>b. COMPLIANCE WITH RFP</td>
<td>b. PAYROLLS PROPERLY COMPLETED AND SUBMITTED</td>
</tr>
<tr>
<td>c. COMPLIANCE WITH LABOR LAWS AND REGULATIONS</td>
<td>c. COMPLIANCE WITH LABOR LAWS AND REGULATIONS WITH SPECIFIC ATTENTION OF THE DAVIS-BACON ACT AND EEO REQUIREMENTS</td>
</tr>
<tr>
<td>d. COMPLIANCE WITH SAFETY STANDARDS</td>
<td>d. COMPLIANCE WITH SAFETY STANDARDS</td>
</tr>
<tr>
<td>e. COMPLETION OF PUNCHLIST ITEMS</td>
<td>e. ADEQUACY OF SAFETY PLAN</td>
</tr>
<tr>
<td>f. SUBMISSION OF UPDATED AND REVISED PROGRESS SCHEDULES</td>
<td>f. IMPLEMENTATION OF SAFETY PLAN</td>
</tr>
<tr>
<td>g. WARRANTY RESPONSE</td>
<td>g. CORRECTION OF NOTED DEFICIENCIES</td>
</tr>
</tbody>
</table>

**20. REMARKS**

(Explanation of unsatisfactory evaluation is required. Other comments are optional. Provide facts concerning specific events or actions to justify the evaluation. These data must be in sufficient detail to assist contracting officers in determining the contractor's responsibility. Continue on separate sheet(s), if needed.)

EVALUATOR REMARKS: We are happy the contract is finally completed.

7. DESCRIPTION AND LOCATION OF WORK (Continued...)

Purpose classrooms and support spaces; a Multi-purpose/gymnasium with locker rooms, showers, and office/storage spaces; center/library; and dining facilities and kitchen with loading dock. All buildings will be constructed with fire and life safety considerations. Typical exterior wall construction is masonry veneer and EIFS on metal studs with batt insulation. The primary roofing system for the low pitched roofs is a single ply fully adhered, mechanically attached TPO membrane over rigid insulation board. Pre-engineered metal building systems are specified for the gymnasiuom portion of the K-8 school Building. Foundation systme consists of deep foundation - straight shaft concrete drilled piers and grade beams. Site work involves minor demolition, a new, elevated 200,000 gallon water tank, new underground utilities, landscaping, fencing, pavements for parking and access roads, playgrounds, storm drainage system, and replacement of two well houses. Project is designed to meet Leed Silver Certified.

Kayenta, Arizona

8. TYPE AND PERCENT OF SUBCONTRACTING (Continued...)

<table>
<thead>
<tr>
<th>Type</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roofing</td>
<td>4%</td>
</tr>
<tr>
<td>HVAC</td>
<td>6%</td>
</tr>
<tr>
<td>Tanks/Tank Covers</td>
<td>3%</td>
</tr>
<tr>
<td>Windows/Glazing</td>
<td>4%</td>
</tr>
<tr>
<td>Fire Protection-Systems</td>
<td>4%</td>
</tr>
<tr>
<td>Pre-Engineered Buildings</td>
<td>4%</td>
</tr>
<tr>
<td>Asphalt Paving</td>
<td>6%</td>
</tr>
</tbody>
</table>
Warranty Inspections

The warranty provisions on each fixed-price construction contract are described in FAR clause 52.276.21, “Warranty of Construction”. The provisions of this clause state that the contractor must provide a warranty that the work required by the construction contract conforms to the contract requirements and is free of any defect in equipment, material, and workmanship for a period of 1 year after the date of final acceptance of the work or 1 year from the date the Government takes possession. Further guidance on implementing instructions concerning the warranty provisions is found in ER 415-345-38, “Transfer and Warranties”.

We are required to conduct Post-Completion Inspections during the period of Warranty and report any deficiencies to the Contractor for correction. These intervals of inspection are referred to a 4, 9 and 12 Month Warranty Inspections.

You begin this process by selecting the Add button.
Give the Facility a Short Title and enter the date the Warranty Period commences. Select the **OK** button. If you have more than one phase, you will need to choose which phase to add the Facility to.

You will then be able to enter and track deficiencies identified during the inspection. These work very similar to QA Punch List Items.

You enter the Warranty Items on the Tab labelled **Warranty Items**.

**Warranty dates are automatically calculated and tabulated when you enter the Start date on the previous screens.**
4 Month, 9 Month, and 12 Month Warranty Inspection

Choose the Inspection you are going to conduct by highlighting and hitting the Edit button.

Warranty Dates will recalculate whenever the START DATE of the Warranty period changes.
Add Attendees participating in the Inspection.

Add any Warranty Items discovered during the inspection.
You are now ready to export the Warranty Item to the Contractor.

Transfer Warranty Items to Contractor (QCS)

If you are using QCS on your contract, the Warranty Items will be sent electronically to the Contractor for resolution.
The Contractor should address the Warranty Items and return the results/findings electronically to close out the action.

The Government (RMS) receives the Warranty Item response from the Contractor and Evaluates the Contractor's performance on completing the item. Following the Import from QCS, you need to click on the Warranty Item Change and either approve or disapprove the submission. That will “clear” it from the window and place it in the proper location within RMS.
Rate the performance of the Contractor on this item and you have completed the process.

Close the screen.