



Quality Control System



Getting Started-View Screens

Version 2.38

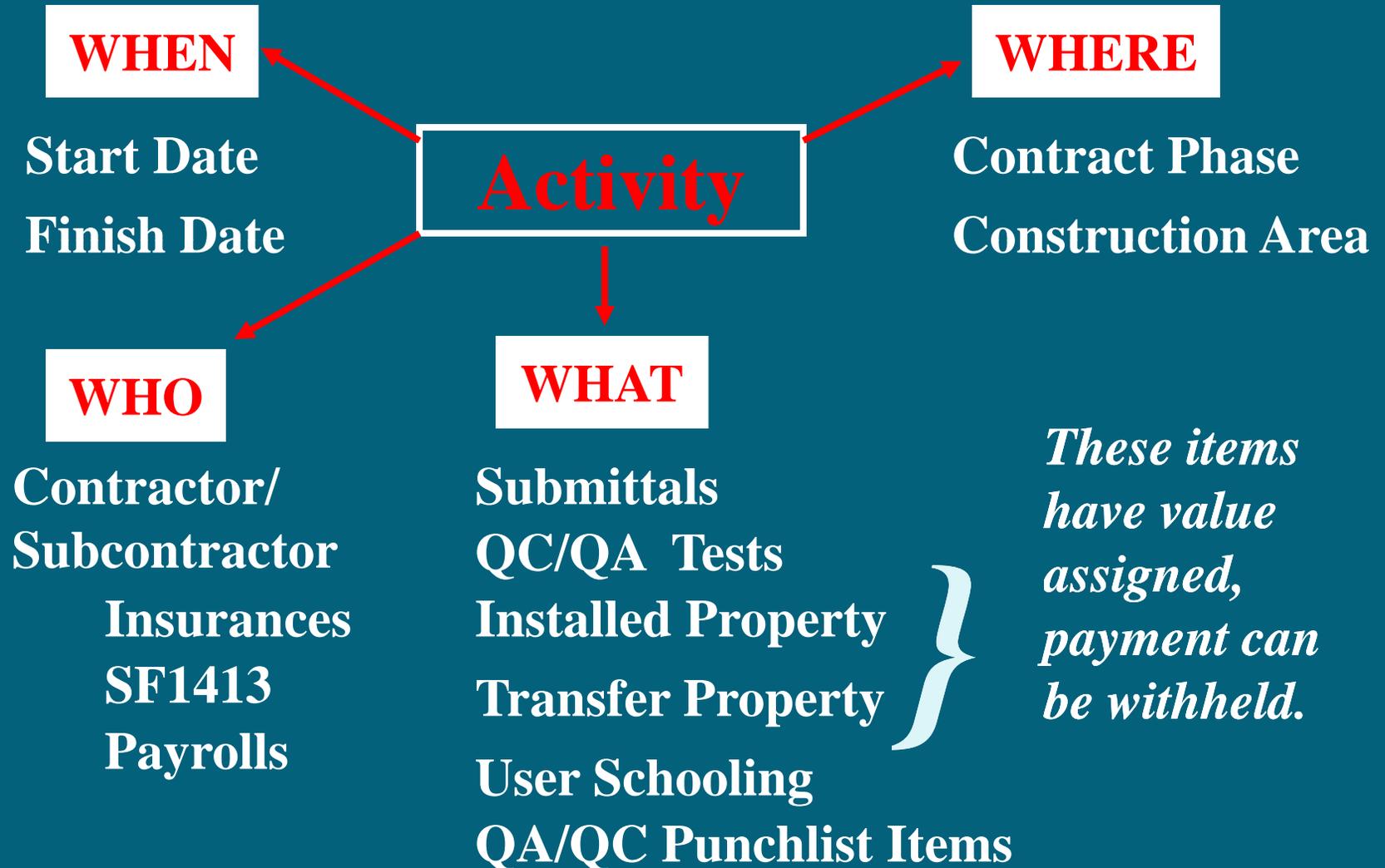


QCS Incorporated Areas

1. **Contract Administration** (*RFI's, Correspondence, Contractor / Subcontractor Key Personnel, Payrolls, Insurances*).
2. **Finances** (*Pay Request*).
3. **Submittals** (*Submittal Register/Transmittal Log*).
4. **Schedule** (*Manually entered or Imported via SDEF*).
NAS Schedules can't be updated in RMS.
5. **Quality Control** (*QC Reports, Prep/Initial Phase Inspection Reports, Hazard Analysis, Deficiency Tracking- QA/QC Punch List Items, Features of Work, 3 Phase Inspections, Hazard Analysis, Warranty Items*).

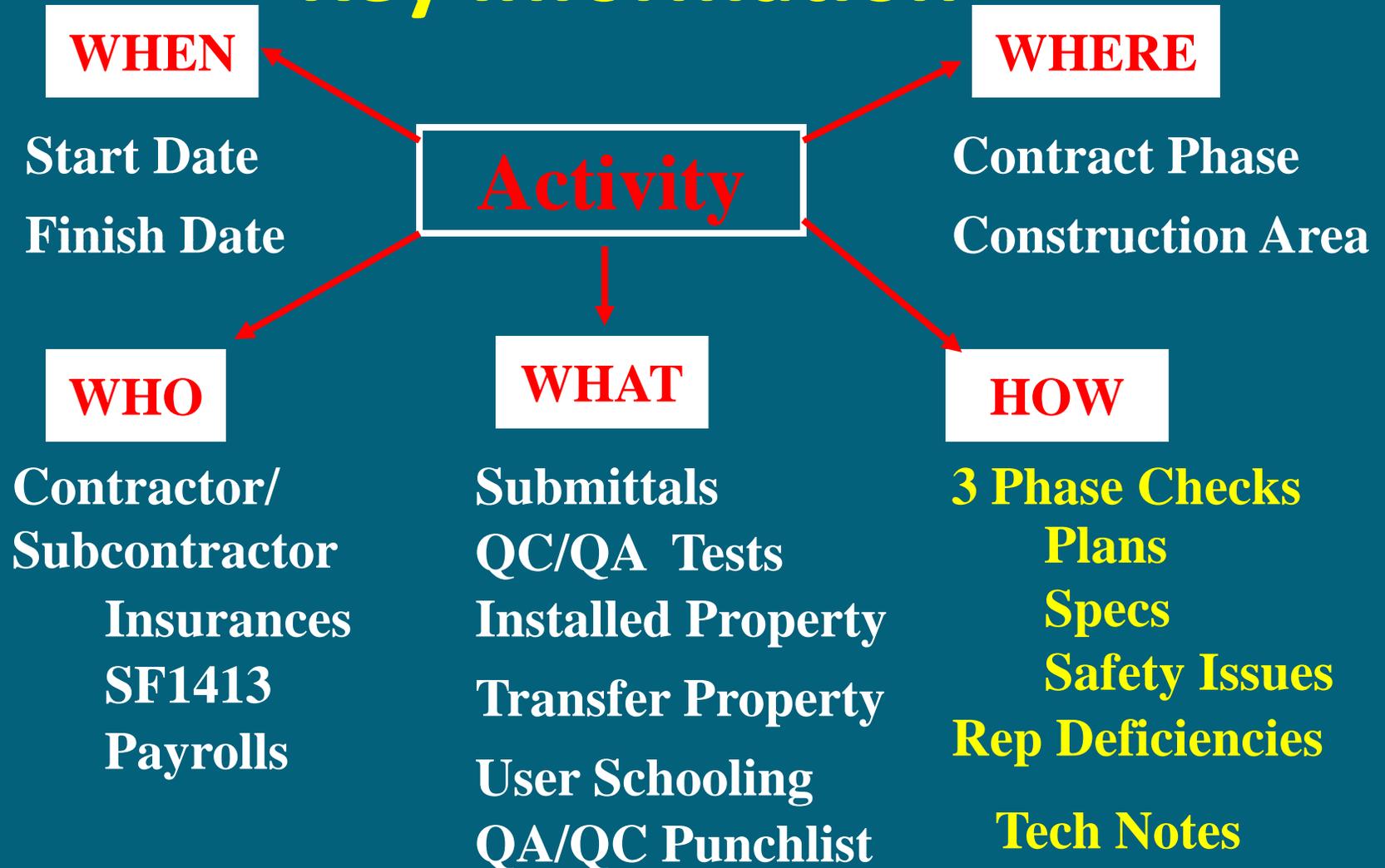


Activity Is Primary Link





Government Provides Key Information





Planning, Scheduling and Control

Documents for planning, scheduling and control:

1. Section 01312A - Quality Control System
(A Module of RMS) (* 01 45 02.00 10)

2. Section 01310A - Project Schedule
(* 01 32 01.00 10) (* D-B 01 32 17.00 20)

3. Section 01451A - Contractor Quality Control
(* 01 45 04.00 10)

(* = MasterFormat 2004 references)



QCS Contractor Library

Quality Control System

File Options Help

QCS [THSKDWF6]

Select Contract Contractor Library Government Library Summary Reports Exit QCS

Add Edit Delete Find All Contracts

| Contract No. | Contract ID | Contract Title | Location |
|------------------|-------------|-----------------------|------------------|
| W912PP-07-C-0010 | L1001373 | RMS Training Contract | Kayenta, Arizona |

*Contractor
Library*



QCS Contractor Library

Quality Control System
File Options Help

QCS Los Angeles District

Select Contract Contractor Library Government Library Summary Reports Exit QCS

Contractor Library

[QCS Site Description](#)
[Contractor Staff](#)
[Feature Types](#)
[3 Phase Inspections](#)
[Hazard Analysis](#)

From the Contractor Library you will be able to review you QCS Site Description and enter the minimal data required to be able to exchange information with the Government RMS program.

You will also enter your Staff that will play a part in the Contract.

This is also where you will setup your “3 Phase Inspection” information and create your Activity Hazard Analysis.



QCS Government Library

Quality Control System

File Options Help

QCS Los Angeles District

Select Contract Contractor Library **Government Library** Summary Reports Exit QCS

Government Library

- [Work Category Codes](#)
- [Specification Sections](#)
- [Submittal Types](#)
- [CSI Index Numbers](#)
- [Contractor Trades](#)
- [Labor Classifications](#)

From the Government Library you will be able to view (Read Only) certain data elements used elsewhere within the QCS program.



QCS Administration Menu

Contract ID - L1001373 Contract No. - W912PP-07-C-0010 NA

File Options Help

 **QCS** RMS Training Contract

Close Contract Administration QC Submittals Import / Export Contract Reports Exit QCS

Administration

- [Contract Description](#)
- [Action Items](#)
- [Prime Contractor](#)
- [Subcontractors](#)
- [Contractor Insurance](#)
- [Contractor Payrolls](#)
- [Correspondence](#)
- [Request for Information](#)
- [Pay Activities](#)
- [Progress Payments](#)

Optional (Must be turned on in RMS)



QCS Quality Control Menu

Contract ID - L1001373 Contract No. - W912PP-07-C-0010 NA

File Options Help

 **QCS** RMS Training Contract

Close Contract Administration QC Submittals Import / Export Contract Reports Exit QCS

QC

- [QC Daily Reports](#)
- [QC Summary](#)
- [Features of Work](#)
- [3 Phase Inspections](#)
- [Hazard Analysis](#)
- [QC Requirements](#)
- [Equipment Checks](#)
- [Dredging Equipment](#)
- [Exposure Hours](#)
- [Activity Schedule](#)
- [Feature Schedule](#)
- [Warranty Items](#)

Quality Control Menu Items



QCS Submittals Menu

Contract ID - L1001373 Contract No. - W912PP-07-C-0010 NA

File Options Help

 **QCS** RMS Training Contract

Close Contract Administration QC Submittals Import / Export Contract Reports Exit QCS

Submittals

[Specification Sections](#)
[Submittal Register](#)
[Transmittal Log](#)

Submittal Related Items



Data Submittal Requirements

Data to be Submitted via QCS Export Files

- 1. Requests for Information (RFI'S)*
- 2. Payment Requests*
- 3. Quality Control Data (QC Reports, Hazard Analysis, 3 - Phase Inspection Reports, QC Punch List Items, Exposure Hours, Warranty Items)*
- 4. Submittal Registers/Transmittal Log*
- 5. Activity Schedule*

Note: All data should be transmitted between the Contractor and the Government via the RMS SFTP Repository.



Import/Export of Data

The screenshot shows a software window titled "Contract ID - L1001373 Contract No. - W912PP-07-C-0010 NA". The window has a menu bar with "File", "Options", and "Help". Below the menu bar is a header area with the "QCS" logo and the text "RMS Training Contract". A toolbar contains buttons for "Close Contract", "Administration", "QC", "Submittals", "Import / Export", "Contract Reports", and "Exit QCS". The "Import / Export" button is selected, and its menu is open, showing options: "RMS", "QCS", "Import Submittals", and "NAS (SDEF)".

This Menu is used to Import / Export data from / to the Government and to / from any Remote QCS sites you may be using. (Remote QCS sites can only exchange data with the Master QCS site.)

Exported data should be sent via the SFTP repository.



Key Items to Address

Pay Activities:

- 1. Sum of all pay activities must equal the contract amount.*
- 2. Ensure that each pay activity is assigned to only one Contract Line Item (CLIN) in your scheduling software. Numbering scheme of CLINs in your scheduling software (Primavera) must match those imported to QCS from RMS (i.e., include leading zero's, such as 0001).*



Key Items to Address (II)

Pay Activities (Cont'):

- 3. See the QCS Manual for important information on the Standard Data Exchange File (SDEF). The SDEF exported from your scheduling program (I.e., Primavera) allows for the activity schedule to be imported to the QCS Program.*



Key Items to Address (III)

Pay Activities (Cont'):

*4. Change the Activity Codes to the required COE format (SDEF). The required format (ten fields) is shown in the QCS User Manual. **The Activity Codes format for your project must be changed prior to adding any activities.** The Activity Codes in Primavera should be able to be changed from the 'Data' Menu, by selecting 'Activity Codes' submenu. Just change and add activity codes to match the COE required ten fields.*



Key Items to Address (IV):

4. The only “Windows-Based” commercial scheduling software program that can interface directly with QCS is Primavera Project Planner (P3, P3e, P6, etc.)

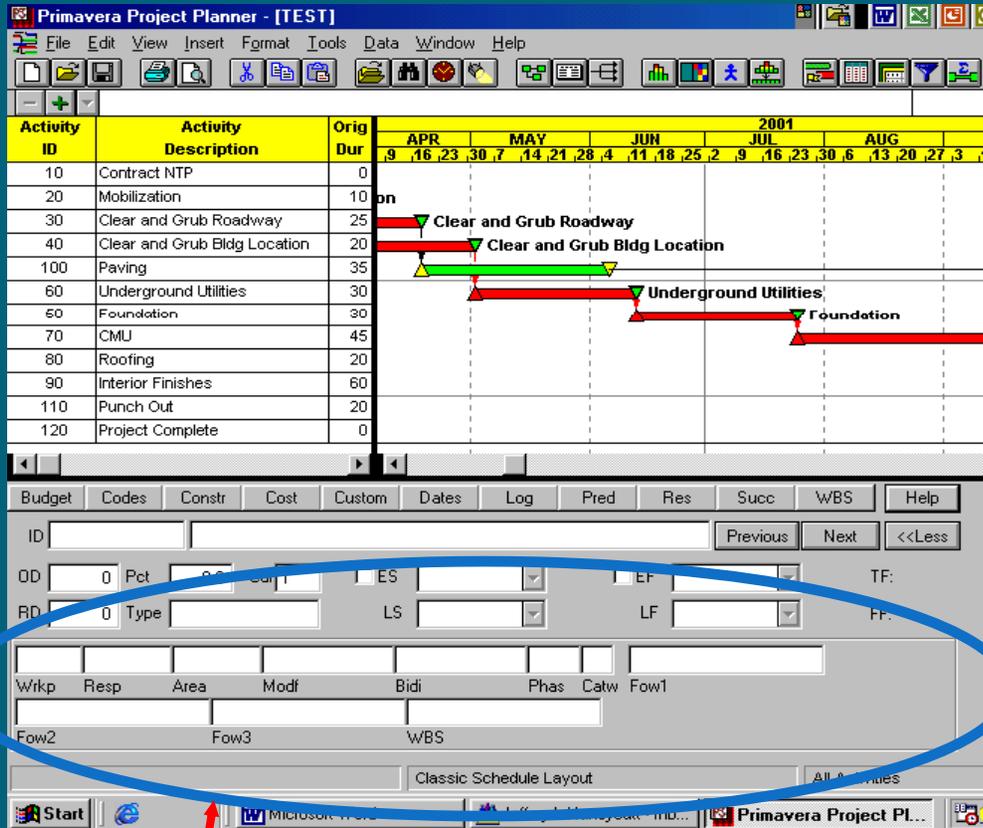
~~*AlderGraf
DLWcpm
OpenPlan
PMS-80
PPMS*~~



Key Items to Address (IV)

Pay Activities (Cont'):

Required Activity Codes



| Act Codes | Name | Size | SDEF Code Field |
|-----------|------|------|--------------------------|
| 1 | WRKP | 3 | Workers per Day |
| 2 | RESP | 4 | Responsibility Code |
| 3 | AREA | 4 | Work Area Code |
| 4 | MOD | 6 | Mod/Claim Code |
| 5 | BID | 6 | Bit Item Code |
| 6 | PHAS | 2 | Phase of Work Code |
| 7 | CATW | 1 | Category of Work Code |
| 8 | FOW1 | 10 | Feature of work (1 of 3) |
| 9 | FOW2 | 10 | Feature of work (2 of 3) |
| 10 | FOW3 | 10 | Feature of work (3 of 3) |

*This should be new **Activity Codes Structure** used on your project after modifying your Activity Codes in Primavera P3.*



Key Items to Address (V)

Pay Activities (Cont'):

- 5. Each pay activity must be assigned to a **Definable Feature of Work (DFW)**. DFW's can be assigned to pay activities in the QCS Program or in the Scheduling Software Program. If you are importing pay activities from the scheduling software program, but have not entered DFW's, be sure to uncheck the 'Features of Work' import option under the NAS(SDEF) menu option, otherwise all DFW's assigned in the QCS Program will be erased when Importing from the Scheduling Software using the SDEF. **(SEE NEXT SLIDE)***



Key Items to Address (V)

Contract ID - L1001373 Contract No. - W912PP-07-C-0010 NA

File Options Help

QCS RMS Training Contract

Close Contract Administration QC Submittals Import / Export Contract Reports Exit QCS

Import / Export - NAS (SDEF)

[RMS](#)
[QCS](#)
[Import Submittals](#)
[NAS \(SDEF\)](#)

Import from Network Analysis System

- Activity Schedule
- Pay Request No. 27
- Import CLIN
- Prime Contractor / Subcontractors
- Features of Work
- Contract Phase
- Project Area
- Work Category

The following Modules are updated from your Network Analysis System (SDEF).
All of the following modules must be assigned to this site prior to importing the SDEF file.

Pay Activities [THSKDWF6] Los Angeles QCS

Activity Schedule [THSKDWF6] Los Angeles QCS

Progress Payments [THSKDWF6] Los Angeles QCS

Prime Contractor / Subcontractors [THSKDWF6] Los Angeles QCS

Features of Work [THSKDWF6] Los Angeles QCS

Import from Network Analysis System

Import SDEF file



Key Items to Address (VI)

Contractor and Subcontractor Responsibility Codes:

- 1. Ensure that each pay activity is assigned to the responsible party (Contractor or subcontractor) performing the work.*
- 2. Ensure that the contractor and subcontractor responsibility codes in your scheduling software package match those used in QCS (The Prime Contractor responsibility code must be 'PRIM').*

Database Backups:

- 1. Always backup your QCS database whenever extensive information is entered (i.e., after entering pay activities). You should backup your database at least weekly.*



QC Requirements

The following QC requirements are tracked by RMS-QCS:

- A. All **QC Tests** required by the Contract Specifications.*
- B. Required **User Training** (Schooling).*
- C. **Installed Property List** (i.e., mechanical and electrical equipment installed, etc).*
- D. **Transfer Property List** (i.e., spare parts given to government, keys, etc).*



Warranty Items

The Government initiates all Warranty Item actions from the RMS system as a result of periodic inspections of the completed facility during the Warranty period of the contract. This information will be exported to QCS for follow-up actions by the Contractor.

Warranty Item [Close]

Warranty Item # Location

Description

Dates

Date Reported by Owner ... Date Contractor Notified ...

Date Corrected - Scheduled ... Date Corrected - Actual ...

Government Remarks

Contractor Remarks



Submittal Management

Submittal Register (Eng Form 4288) will be entered and maintained in QCS. (SpecsInTact file can be imported via RMS – An Excel template is available that can be imported into QCS.)

QCS will be used to transmit all submittals via the Transmittal Log (Eng Form 4025).

Transmittal Log numbers will be numeric only.



Printing of Hard Copies

Hard Copies will still be required to be submitted on all items requiring signature, such as:

- 1. Daily QC Reports*
- 2. Prep/Initial Inspection Reports*
- 3. Prompt Payment Certification and Supporting Data for Contractor Payment Invoice*
- 4. Transmittal Log (Eng Form 4025)*



RMS-QCS Website

- 1. Address (URL) -
<http://www.rmssupport.com/qcs>*
- 2. Both the Program (QCSetup***.exe) and QCS User's Manual are available at this website, under the Contractor's web page.*
- 3. There are NO User ID or Passwords required for downloads.*



Contractor - QCS Website

Resident Management System - Windows Internet Explorer
http://www.rmssupport.com/qcs/default.aspx

File Edit View Favorites Tools Help
Convert Select

Resident Management System

RMS

US Army Corps of Engineers
RESIDENT MANAGEMENT SYSTEM

Welcome Guest User --- Tuesday, April 27, 2010

- Contractor Home
- Contacts
- Newsletter
- User Guides
- Guide Specifications
- Training
- Software Updates
- Uploads
- Tech Support Request

Live Chat
Off Line
Leave a Message

Home

The U.S. Army Corps of Engineers is a diverse workforce of professionals. Our mission is to provide quality and responsive engineering services to the nation. History and Leadership help us meet the demands of changing times. We are a vital part of the Army. We take pride in our work!

Construction is what the U.S. Army Corps of Engineers is all about. Construction is the reason for our existence, whether the project is for Military, Civil Works or Work for Others.

The RMS Center is maintained to assist field engineers, inspectors, construction representatives, contractor staff and office personnel perform their duties by providing computer programs and automation expertise to plan, accomplish, and control the daily technical and administrative functions of construction projects managed by the U.S. Army Corps of Engineers.

The Resident Management System (RMS) and the Quality Control System (QCS) are quality management and contract administration programs designed by Resident Engineers. The systems provide an efficient method to plan, schedule, and control all aspects of construction.

The Government Staff will use the RMS program and the Contractor Staff will use the associated QCS program.

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[2.37 Users RIGHT CLICK here to download qcssetup02370142.exe](#)

[2.38 Users RIGHT CLICK here to download qcssetup02380142.exe](#)

[CLICK here to view our QCS Video Tutorials](#)

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Questions?

