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About This Training Guide

TRAINING GUIDE DESCRIPTION

This training guide covers the use of IBM TRIRIGA, a web-based Facilities Management application that supports facility operations and maintenance, project management, space reservation, site planning, and contract management. Users will learn how to complete processes for the generation and management of work tasks, building systems and equipment, reports and forecasts of occupancy, condition assessments, capital improvements, and contracts.

TRAINING GUIDE OBJECTIVES

In this training guide, you will:

- Identify and perform the real estate management functions
1. Real Estate Functions

Learning Objectives

In this lesson, you will:

- Examine the process of creating a real estate contract
- Review the management of real estate contracts
- Review the management of real estate payments
- Review the management of real estate transaction plans
- Review the management of real estate transaction projects

Lesson Overview

In TRIRIGA, the Real Estate functions allow users to plan real estate transactions and manage real estate projects for an organization. Portfolio plans, implementation plans, and transaction plans can all be organized into a real estate portfolio. This lesson focuses on the real estate functions for creating and managing contracts, payments, transaction plans, and transaction projects.

1.1. Create Real Estate Contract

Real estate contracts are developed using a facilitated contract abstraction process. Abstracting a lease into an electronic form facilitates easy access to key information, rather than needing to read the entire contents of the contract each time. Users should be able to abstract any information within a lease that is needed to support the requirements, including information to search from, report on, set notifications, include in a workflow, or analyze and compare with other records. All costs spelled out in a lease should also be abstracted for a cost analysis.

The abstraction process can be initiated from the transaction planning process or a contract can be abstracted directly, independent of the transaction plan. While lease contracts require significantly more abstraction, a similar process can be used to define owned property contracts.

Create a Lease Abstract

The Contracts > Leases portal is used to view real estate contracts and asset leases. The Related Links section contains a link to the Lease Abstracts page.
On the Lease Abstracts page, click the Add action to create a new Lease Abstract form. On the Lease Abstract form, enter some basic information and click the Create Draft action. The form status will change to Draft and additional tabs and form actions will become available. The additional tabs represent clause types to be abstracted.

The General Tab

The General tab contains many sections that capture the defining information for the lease abstract. The Details, Critical Dates, Primary Locations, Tenant, and Landlord sections all provide fields and sections where key information is entered.

Details Section

The Details section contains many key fields and is used to define the Location information, Lease Type, Lease Category, Primary Use, and Contract Status.
In the Location Lookup field, enter or use the Search icon to select the location information for the lease abstract. The location address can be manually entered if the lease is not tied to an existing location record in TRIRIGA. When entered, data will be inferred in the following fields if available: Location, Geography Path, Address, City, State/Province, County, Zip/Postal Code and Country.

In the Geography Path field, enter or use the Search icon to select the Geography Path. When entered, data will be inferred in the following fields: City, State/Province, County and Country.

Determine if the Location exists and if the Location is not already set up in the Location Hierarchy, click Create New Location on the Primary Address section bar. Enter Location Details and Setup Details and click Continue. The information populates the Location Lookup field on the Lease Abstract record.
Complete the Details section, including values for the following fields, where appropriate:

- **Lease Type** – Select from:
  - Expense Lease – This is the most common. Used when space is leased from a landlord
  - Expense Lease – Master Sublease – An expense lease used when subleasing space from another party
  - Income Lease – Sublease – An income (AR) based lease used when part of an expense lease is subleased to a third party
  - Income Lease – Third Party Lease – An income (AR) based lease used when setting up third-party tenants in an owned building
  - Inter-Agency Lease – A lease type used when one internal agency is leasing space from another internal agency

- **Lease Category** – Use the Search icon to select the Lease Category type for the Lease Abstract record. In the search list, the system displays the available types as defined in the Lease Class business object of the Classifications Hierarchy

- **Primary Use** – Use the Search icon to select the Primary Use of the Lease Abstract record. In the search list, the system displays the available types as defined in the Lease Primary Use business object of the Classification Hierarchy

- **Contract Status** – Use the Search icon to select the Contract Status of the Lease Abstract record. In the search list, the system displays the available types as defined in the Lease Contract Status business object of the Classification Hierarchy

Complete other fields as necessary in the Details section.

**Critical Dates Section**

In the Critical Dates section, click the Calendar icon for each field and select the Commencement Date, Construction Start Date, Expiration Date, Construction End Date, Rent Commencement Date, Occupancy Date, and Legal Notice Date, as appropriate.

The system uses these dates to populate other fields in other sections and tabs in the Lease Abstract.

**Premise Location Section**

In the Premise Location section, click Find to identify location(s) in the Location Hierarchy and select from the choices.
Click Add to add a location without an association in the Location Hierarchy as a line item in the Premise Location section.

Continue adding premise locations to this section, as needed.

**Tenant Section**

In the Tenant section, enter values for Tenant Contact Organization Lookup.

External organizations are created via nightly batch interface from AFIS for vendors and customers flagged as TRIRIGA organizations. If the Tenant Organization is not already set up in the Organization Hierarchy, a new Tenant Organization can be created by clicking Create New Organization on the Tenant section bar.

For the new organization, enter the General information and Setup Details and click Continue. In the Setup Details section, the system creates the new organization under the Parent Organization in the Organization Hierarchy and in the Organization Form Type specified.

The system populates the Tenant Contact Organization Lookup field and related fields in the Tenant section of the Lease Abstract form. Similarly, the system populates the Landlord, Management Company, and Guarantor sections from their respective section bars.

**Landlord Section**

In the Landlord section, enter values for the Landlord Organization Lookup.
External organizations are created via nightly batch interface from AFIS for vendors and customers flagged as TRIRIGA organizations. If the Landlord Organization is not already set up in the Organization Hierarchy, a new Landlord Organization can be created by clicking Create New Organization on the Landlord section bar.

For the new organization, enter the General information and Setup Details and click Continue. In the Setup Details section, the system creates the new organization under the Parent Organization in the Organization Hierarchy and in the Organization Form Type specified.

The system populates the Landlord Organization Lookup field and related fields in the Landlord section of the Lease Abstract form. Similarly, the system populates the Tenant, Management Company, and Guarantor sections from their respective section bars.

**Accounting Tab**

On the Accounting tab, enter values for the following fields, as appropriate:

- **Accounting Type** – Select the Accounting Type applicable for the Lease Abstract
- **Spend Category** – Use the Search icon to select the Spend Category under which the Lease Abstract record is classified
- **Accounting Start Date** – This field is auto-populated from the Commencement Date in the Critical Dates section, the value can be changed here
- **Accounting Cost Center** – Use the Search icon to select the Accounting Cost Center responsible for incurring the cost of the lease
- **Accounting End Date** – This field is auto-populated from the Expiration Date in the Critical Dates section, the value can be changed here
- **Create Straight Line Adjustments?** – Check this box to add straight line adjustments to the Lease Abstract
- **Operating Portion of Capital Lease** – Enter an amount, as a percentage not to exceed 100%
- **Straight Line Capital Portion of Rent?** – Check this box to add straight line capital portion of rent to the Lease Abstract
Rent Tab
On the Rent tab, complete the creation of scheduled requests for payment. This section establishes basic rent clause information including questions regarding the index adjustment requirements and sales reporting requirements for the contract. Complete the Document Reference and Clause Details field groups. The Rent Schedules section is used to view the payment type, description, frequency, start date, end date, cost per unit, contract rentable, charge amount basis, expected cash pre-tax, total tax, expected cash total, and status of each payment scheduled. Schedules can be added using the Add action.
**Default Tab**

The Default tab contains document reference, clause details, monetary-default clause details, and monetary-default clause specifics. For each Default clause entry, complete the following fields:

- Document Reference
- Clause Details
- Default Clause Type
- Clause Summary
- Default Clause Details

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**Security Deposit Tab**

For each Security Deposit clause on the Security Deposit tab, complete the following fields:

- Document Reference
- Clause Details
- Deposit Details
- Guarantee Type
- Payment Type
- Separate Account Required?
- Interest Bearing Account Required?
- Guarantor
- Deposit Amount
- Expected Returned Amount
- Deposit Date
- Expected Returned Date
- Deposit Returned
- Auto-Generate Deposit Schedules?

**Options Tab**
On the Options tab, populate tenant renewal options and other options clauses.

**Rights Tab**
The Rights tab contains document references, clause details, and additional details regarding alterations, assignment/subletting, holdover, signage, restoration obligations, and other rights.

**Allowances Tab**
Enter Allowance clauses on the Allowances tab.
**OpEx/CAM Tab**

The OpEx/CAM tab contains operating expense (OpEx) and common area maintenance (CAM) clauses. Use the Add action in the CAM Clauses section to create new CAM-related clauses. Populate the values on the CAM Audit Setup sub tab as required, including base year, base cost, calculate rule, etc.

Use the Find action to create lists of services included and excluded in the OpEx/CAM on the contract.

The CAM Schedules section shows the payment type, description, frequency, start date, end date, cost per unit, contract rentable, charge amount basis, expected cash pre-tax, total tax, expected cash total, and status of each payment scheduled.

**Insurance Tab**

The Insurance tab contains insurance clause details and insurance payment schedules.

**Tax Tab**

The Tax tab contains tax clause details and tax payment schedules.

**Parking Tab**

The Parking tab contains parking clause details and parking payment schedules.

**Responsibilities Tab**

The Responsibilities tab contains clause details and responsibility services items.

**Activate and Complete Real Estate Abstract**

A Real Estate Contract Abstract record creates a draft of the real estate contract before formally endorsing it. This can separate security between internal and outsourced resources that are abstracting contracts. Upon mutual agreement of the stipulated terms, the contract abstract serves as a formal Real Estate Contract record.
Selecting the Activate action will route the record for approval and change the status to Review in Progress. If no approvals are required, the status will change to Active and the record is set to a read-only state.

Once a Contract Abstract record is approved and activated, the contract administrator has the option to Complete the abstract record. The Complete action is used to complete the tasks associated with the record. On Completion, TRIRIGA copies the information in the Contract Abstract record and creates a Real Estate Contract record with the same name that appears in the Real Estate Contract page in a Draft status.

Once approved, a Real Estate Contract is considered to be in-effect. Defined request for payment schedules will be generated by the system, potentially including distribution of request for payment record date to AFIS.

### Activity 1.1

#### Create a Real Estate Contract

**Scenario**

You have a new lease for your department. You will create a Lease Abstract and submit it in TRIRIGA.

**Setup**

- User is logged in to the TRIRIGA Home Page.

**Steps**

A. Navigate to the Contracts > Leases portal.
   1. Click the **Contracts** tab.
   2. Click the **Leases** option on the sub header to display the Leases landing page.

B. Create the Lease record.
   1. In the Related Links – Contract Leases section, click **New Lease Abstract**.
   2. Click **Create Draft** in the upper right corner.
   3. In the **Document Details** section, click the magnifying glass icon for the **Document Type** field.
   4. Select **Lease**.
   5. In the **Effective Date** field, enter *today’s date*. 
6. In the **General** section, in the **Lease Name** field, enter **## Training Lease**, where ## is your student number.

7. Click **Save & Close** in the upper right corner.

8. In the **Work In Progress Lease Abstracts**, click the link for **## Training Lease** that you created.

C. Complete the rest of the lease.

1. In the **Primary Address** section, click the **magnifying glass** icon for the **Location Lookup** field.
2. Select the radio button for **## Training Building**, where ## is your student number, and click **OK**.
3. In the **Details** section, click the **magnifying glass** icon for the **Lease Type** field.
4. Select **Expense Lease**.
5. In the **Base Lease Rate** field, enter **1000**.

6. In the **Critical Dates** section, in the **Commencement Date** field, enter the first day of the current month.

7. In the **Base Lease Expiration Date** field, enter the last day of the month 12 months from the current date.

8. In the Management Company section, click the **magnifying glass** icon for the Management Organization Lookup field.

9. Select the radio button for **Lincoln Properties LLC** and click **OK**.
10. In the Default Remit To section, click the magnifying glass icon for the Remit To Lookup field.

11. Select the radio button for Lincoln Properties LLC and click OK.

12. Navigate to the Tax tab, located at the top of the screen.

13. Click on the magnifying glass icon for the Tax Type field.


15. In the Tax Rate % field, enter 3.

D. Save and Activate the record.
   1. Click Save.
   2. Click Activate.
   4. Reopen the record you just created.
   5. Click Complete.

1.2. Manage Real Estate Contracts

Real estate lease contracts can also be setup and maintained by bypassing the contract abstraction creation functionality. The on-going management of a real estate contract is an important part of the process involved in meeting all contractual obligations.
For example, an option to renew a lease contract with a landlord may contractually require notification to the landlord a number of days in advance of the lease expiration. Failure to comply with the renewal notification clause may result in significant costs to the State.
Manage Leases

New Leases can be created as a result of the lease abstraction process, in which case the data from the completed lease abstract is copied to the Lease Contract, or independently of the abstraction process by using the Add action in the Leases list. Existing Lease Contract records can be modified, depending on the status, by selecting the record on the Lease list.

Regardless of the method used to create a Lease Contract, the types of modifications that can be performed are the same.

General
On the General tab, enter the RE Lease details. The mandatory fields for a lease contract record include the Lease Name and Commencement Date.

The Apply Template option can be used to copy information from an existing lease template to the current lease contract that includes: Base field values, contact lists, clauses and options, rent schedules, etc.
The other sections on the General tab can be used to record any relevant information, but they are not required. The other sections include:

- Primary Location
- Primary Address
- Units
- Details
- Critical Dates
- Accounting
- Cost Summary
- Lease Notifications

When the basic information has been entered, click Create Draft to initiate the document in the system.

**Contact Details**
On the Contact Details tab, click the Add People action to create new role entries on the Contacts list. Click on any existing assigned role to assign a person to that role.

By default, every lease contract is required to have 1 Contract Administrator assigned, in order for the record to be saved.

The Contact Details tab is used to define any tenant, landlord, and management company organization assignments and address/contact information. Use the Default Remit To section to define the default payment address used during request for payment creation.

**Locations**
The Locations tab defines the assigned location details for the contract. Fields on this tab provide default values for Payment Reconciliation calculations. Complete the relevant details in the following sections:

- Units
- Primary Location (pre-filled)
- Location Summary
- Premise Locations
- Other Addresses
Clauses, Options, and Terms

The Clauses, Options, and Terms tab is used to associate clauses and options with the real estate lease record. By adding the clause information to the record in the system, users can access the lease clause information easily without having to locate and review the original product. The lease clauses are the user-defined standards that describe articles within a lease document.

Clauses normally specify information about rent, renewals, and other types of options. Additionally, users can correlate the clauses to the actual lease by indicating the appropriate section of the lease. When the user applies a lease clause template to the record, all of the clauses defined in the template populate the appropriate field in the Clauses, Options, and Terms tab. The user can add, edit, or delete clauses from the lease contract.

Payments

The Payments tab is used to create scheduled requests for payment. Either review the payment schedule records inherited from the abstraction process or use the Monthly Schedule Wizard action to create new schedules. Complete the schedule information including amount, frequency, escalation rates, and other key information. Click the Create Schedule(s) action to complete the schedule wizard process.

Payment schedules can be sent to the Department’s Accounts Payable unit for processing in AFIS either manually or on a Future Document Triggering basis. This internal communication provides more accurate payment tracking between AFIS and TRIRIGA.
The Accounting Summary tab displays a summary of the accounting information from the other tabs of the record during the life of the record. The system lists the Accounting Start Date, Accounting End Date, and other relevant accounting values.

Several key reports are displayed on the Accounting tab including:

- Financial Assumption Reviews
- Term Assumptions
- Amortization Summary
- Amortization Schedule
- Impact Reports

Notes and Documents

The Notes & Documents tab is used to add informational comments or documents related to the contract. This section displays all notes associated with the contract. Use the Add action in the Comments section to open a new Comment form. Comments can be added to record a log of calls, contacts, conversations, emails, and other communications that are related to the history of the contract. Each comment added to the list is logged with a reference data and author. Use the Create action to complete the creation of a comment.

Use the Find or Upload actions in the Related Document section to attach documents to the contract. Each uploaded document is posted to the document list and can be managed using standard document management functions, including:

- Check in/out
- Version control
- Document viewing
- Document markup

Click the Save action to record any changes made to the Notes & Documents tab.
Activate Real Estate Contract

Once the real estate lease record is complete, click the Activate action. The system will route the record for approval following the defined process. The status of the document will remain Review In Progress until the document is approved. Once approved, the record will appear in the results page with a status of Active and the RE contract is considered to be in-effect. Defined request for payment schedules will be generated by the system, potentially including distribution of request for payment record detail to AFIS.

Monitor Critical Date Notifications

Critical date notifications increase compliance with legal terms, such as expirations, legal notices, and lease options.

<table>
<thead>
<tr>
<th>Critical Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commencement Date</td>
</tr>
<tr>
<td>Base Lease Expiration Date</td>
</tr>
<tr>
<td>Rent Commencement Date</td>
</tr>
<tr>
<td>Rent Expiration Date</td>
</tr>
<tr>
<td>Inception (Execution) Date</td>
</tr>
<tr>
<td>Legal Notice Date</td>
</tr>
<tr>
<td>Construction Start Date</td>
</tr>
<tr>
<td>Original Expiration Date</td>
</tr>
<tr>
<td>Hazard Rent End Date</td>
</tr>
<tr>
<td>Lease Term:</td>
</tr>
<tr>
<td>Expiration Reminder:</td>
</tr>
<tr>
<td>Expiration Date</td>
</tr>
<tr>
<td>Vacate Date</td>
</tr>
<tr>
<td>Legal Notice Date</td>
</tr>
<tr>
<td>Legal Notice Reminder:</td>
</tr>
<tr>
<td>Legal Notice Start Date</td>
</tr>
</tbody>
</table>

Expiration

Click the Calendar icon and select the Commencement Date, the date from which the lease term starts. Click the Calendar icon and select the Expiration Date, the date on which the lease expires. The system calculates the Lease Term by subtracting the Commencement Date from the Expiration Date. For Expiration Reminder, click the Calendar icon to specify the duration before which advance notice should be given of the expiration of the lease.

Legal Notice

Click the Calendar icon and select the Legal Notice Date, the legal notice serving date. For Legal Notice Reminder, click the Calendar icon and specify the duration before which advance notice should be given for the legal notice date.

Activity 1.2

Manage a Real Estate Contract

Scenario

You will create a payment schedule for a Lease Contract record.

Setup

✓ User is on the Contracts > Leases page.
**Steps**

A. Locate and open the existing Lease Contract record using the Contracts > Leases portal.
   1. In the related links section, expand RE Contracts and click on Leases.
   2. Locate ## Training Lease, where ## is your student number, from the list of available contracts.
   3. Click on the lease record to open.

B. Assign a Contract Administrator to the record.
   1. In the Contact Details tab, Contacts section, click on Contract Administrator.
   2. In the Contact section, click Find.
   3. Click the radio button for your student number.
   4. Click the OK action.
   5. Click Save & Close.

C. Create Payment Schedule for the lease.
   1. In the Contract record, navigate to the Payments tab.
   2. In the Payment Schedule section, select Add.
   3. In the General section, in the Name field, enter ## Payment Schedule, where ## is your student number.
   4. In the Details section for Payment Type, click the magnifying glass icon and select the Rent option.
   5. In the Expected Cash field, enter 1000.
   6. In the Charge Amount Basis field, verify that it says Per Month.
   7. In the Payment Schedule section, click the radio button for Pay on [x] day of the Month.
   8. Click the magnifying glass icon in the Frequency field and select Monthly.
9. Verify that the start and end dates are correct.

[Diagram of Payment Schedule]

10. In the **Tax Breakdown** section, select the **Add Tax Type** action.
11. Check the box for State and click **OK**.
12. In the **Tax Rate** field, enter **3**.

[Diagram of Payment Schedule]

13. Verify that the vendor is correct in the Payment Instruction section.
14. Select **Create**.

**D. Activate the contract record.**
- Select the **Save** action.
- Select the **Activate** action.

**E. Confirm Payment Schedule Creation.**
- Reopen lease record from Leases landing page.
- Navigate to **Payments** tab.
- On the **Payment Schedules** tab, verify the status is **Scheduled**.
- On the **Payments** tab, verify individual payment lines include total for rent and tax.

**F. Click the [X] to close the contract record.**

### 1.3. Manage Real Estate Payments

Payments related to a real estate contract (owned or leased) can be processed in TRIRIGA using payment details from AFIS. Payment schedules can be defined to include details such as amount, period, frequency, etc.
Process/Reconcile Payments to AFIS

The Contracts > Payables portal is used to access the Process Payments function. Click the Add action to create a new payment entry on the Process Payments list page.

**General**

Enter a Name and a Planned Date on the General tab.

**Payments Line Items**

In the Payments Line Items section, the Find action can be used to select payment records that were created during the setup of the contract payments, including one-time and/or recurring payments. Select the Payments to be included and select OK.

When complete, select Create Draft. When payments are ready to be processed, select Issue.

**ACTIVITY 1.3**

**Process and Reconcile Real Estate Payments**

**Scenario**

You will enter payment line item information for a Lease Contract record.

**Setup**

- User is on the Contracts > Payables page.
Steps

A. Locate and select **Process Payments** in the **Payments** section on the Contracts > Payables portal.
   1. From the Process Payments landing page, select the **Add** option.
   2. In the **General** section, in the **Name** field, enter **## Rent Payment**, where ## is your student number.

   ![General Section](image)

   3. In the **Payment Line Items** section, select the **Find** option.
   4. Locate your scheduled payments by entering your student number (##) into the filter field for **Contract Name**.
   5. Select the checkbox next to the **Payment Line Item** that you wish to process.
   6. Click the **OK** action.
   7. Click the **Create Draft** action.
   8. Click the **Issue** action.

B. From the Process Payments landing page, reopen the payment from **step A**.
   1. Click on the **Payment Line Item**.
   2. Navigate to the **History** tab.
   3. Click on the **Payment Voucher**.
   4. Using the information provided by **AFIS Accounts Payable**, enter **Check Date**, **Check Amount** and **Warrant Number**.
   5. Click **Save** action.
   6. Verify the **Variance** field to the actual amount paid.
   7. Click **Process** action.

**ACTIVITY 1.4**

Create and Process Real Estate AR Invoice

**Scenario**

You will create a real estate invoice and process the cash receipt for a Lease Contract record.

**Setup**

- User is on the Contracts > Leases page.
**Steps**

C. Locate and open the existing Lease Contract record using the Contracts > Leases portal.
   1. In the related links section, expand **RE Contracts** and click on **Leases**.

   ![IBM TRIRIGA | Facilities Management](image)

   2. Locate **## Training Lease**, where ## is your student number, from the list of available contracts.
   3. Click on the lease record to open.
   4. Click the **Revise** action.
   5. Enter a revision number in the description field and select **Continue**.
   6. Change the Accounting Type to **AR Accounts Receivable** and the Lease Type to **Income Lease – Sublease**.

D. Create Payment Schedule for the lease.
   1. In the Contract record, navigate to the **Payments** tab.
   2. In the **Payment Schedule** section, select **Add**.
   3. In the **General** section, in the **Name** field, enter **## AR Payment Schedule**, where ## is your student number.
   4. In the **Details** section, **Payment Type** field, click the magnifying glass icon and select the **Rent** option.
   5. In the **Accounting Type** field, select **Accounts Receivable (AR)**.
   6. In the **Expected Cash** field, enter **500**.
   7. In the **Charge Amount Basis** field, verify that it says Per Month.
   8. In the **Payment Schedule** section, click the radio button for Pay on [x] day of the Month.
   9. Click the magnifying glass icon in the **Frequency** field and select **Monthly**.
   10. Verify that the start and end dates are correct.
11. In the **Tax Breakdown** section, select the **Add Tax Type** action.
12. Check the box for State and click **OK**.
13. In the **Tax Rate** field, enter **3**.
14. In the **Payment Instruction** section, select the **Add** option.
15. In the **Remit To** section, click the magnifying glass icon and select the radio button for **ADA**.
16. Click the **OK** action.
17. Select the **Create** action.
18. Select checkbox for Lincoln Properties; select **Remove** action.
19. Select **Create**.

**E.** Activate the contract record.
1. Select the **Save** action.
2. Select the **Activate** action.

**F.** Confirm Payment Schedule Creation.
1. Reopen lease record from Leases landing page.
2. Navigate to **Payments** tab.
3. On the **Payment Schedules** tab, verify the status is **Scheduled**.
4. On the **Payments** tab, verify individual payment lines include total for rent and tax.

**G.** Close the contract record.

**H.** Create the Invoice.
1. On the Contracts > Receivables landing page, select **Generate Lease Invoices**.
2. Click the **Add** option.
3. In the **Name** field, enter **## AR Invoice**, where ## is your student number.
4. In the **Process Month** field, set to current month.
5. In the **Due Before** field, enter a date 2 months from today.
6. In the **AR Leases** section, select the **Find** action.
7. Select the checkbox for the AR Lease with your user number.
8. Click **OK**.
9. Click the **Create Draft** action.
10. Click the **Process** action.
11. In the **AR Invoices** section, open the Invoice record.
12. Change the **Remit To** to **ADA**.
13. In the **Bill To** section, click the magnifying glass and filter on **DTA**.
14. Select the radio button for **DTA** and click **Ok**.
15. Click the **Save** action.
16. Click the **Issue** action.
17. Close the record.
I. Process the Cash Receipt for the RE Invoice.

1. On the Contracts > Receivables landing page, select Receive Lease Receipts.
2. Click the Add option.
3. In the Receipt Date field, enter today’s date.
4. In the Payment Method field, select Check from the dropdown menu.
5. In the Contract section, select the Find action.
6. Select the radio button for the AR Lease with your user number.
7. Click OK.
8. In the Payment Details section, in the Check Date field, enter yesterday’s date.
9. In the Check # field, enter ##ZZZ, where ## is your student number.
10. In the Amount Received field, enter 1000.
11. In the Payment Parameters section, enter a date 2 months from today.
12. In the AR Payments Due section, clear the filters and enter the actual amount paid from above.
13. Select the Calculate action.
14. Click the Create Draft action.
15. Click the Issue action.

1.4. Manage Real Estate Transaction Plan

A real estate transaction plan can be initiated through the review and approval of a real estate action request. The real estate action request can be submitted to the organization’s transaction manager, who can approve the record, reject the record, or request more information. If the request is approved, the system creates the transaction plan. A transaction plan serves as the container for developing and managing the actual transaction projects.
Real Estate Action Request

The Requests > My Requests portal is used to view Request Central. From the Request Central, users can expand the Contract type and click Real Estate Action Request to create a new Real Estate Action Request form.
**General**

On the General tab of the request, complete the Requested For section, the first field at the top of the form. The Request is for radio buttons are used to identify for whom the request is being placed. Select either Me or Someone Else. The default assumes the request is for the current user. In the Describe Your Request field, provide a brief description of the RE Action Request.

**Lease/Owned Property Contracts Affected**

Complete the Lease/Owned Property Contracts Affected section by using the Find action to select the leased/owned property contracts that are affected. A Query window listing all of the associated records from the Real Estate Contract Manager will appear. Select the required lease/owned property contract records and click OK. The system will auto-populate the ID, Name, Lease Type, and Status based on the selected record.

This section can be used to select multiple existing leased or owned properties that may be affected by the RE Action Request. The records displayed in this section are based on the type of action that is selected in the Need Details section. For example, if a new request is created, and the Type of Action selected is New Requirement, then no existing contracts will be displayed in the Lease/Owned Property section.
Contracts Affected. If the Type of Action selected is Lease Expiration, then the required contracts associated to the lease expiration are added to this section.

**Need Details (Required Parameters)**
The Need Details section is used to describe the required parameters for the proposed real estate transaction. The request is placed based on the parameters selected in this section, such as Required Completion Date, Required Property Use, Contract Term, etc. Additionally, users can define the use of the location, for example, a call center or equipment rental. The Type of Action field in this section determines how associated properties are affected. The possible types include: Closure, Expansion, Lease Expiration, New Requirement, No Change, Other, and Reduction.

**Required for Organization**
The Required for Organization section is used to select the Organization Path which acts as one of the key elements in creating the RE Action Request. There are certain requirements for the Organization selected. The Required For Organization must be a My Company or Government record, and within that record, the Contact Details tab must contain an individual. The reason for these requirements is that the person in the Contact Details tab will be selected automatically as the Portfolio Manager when the RE Action Request is created. Without a Portfolio Manager, the RE Action Request will fail when submitted.

**Submit the Request**
Click the Submit action to route the record to the members in the distribution list for approval. Submitting the request will change the status to Review In Progress and after all members in the distribution list have approved the record, the record status will change to Issued.

**Transaction Plan**
The Transaction Plan section on the RE Action Request form is automatically populated with the details of the Transaction Plan record that is created when the request is approved.
Develop Real Estate Transaction Plan

The Real Estate Transaction Plan acts as the central component around which all real estate transaction decisions are made. A Real Estate Transaction Plan can be developed that includes scenarios that use Real Estate Transactions as solutions to problems. A Real Estate Transaction Plan can also be a container for Real Estate Transaction Projects which use a Six Sigma rating system to compare the possible scenarios and help in the real estate decision-making process.

Create New Transaction Plan

To create a new Transaction Plan, navigate to the Projects > Real Estate portal. In the Related Links – Real Estate section, click View Transaction Plans. On the View Transaction Plans page, click the Add action to create a new RE Transaction Plan record. It is also possible that an RE Transaction Plan was created automatically as a result of the approval of an RE Action Request. In that case, the Transaction Plan can be opened by clicking the Plan Number or Plan Name in the View Transaction Plans list.
**General**

On the General tab, in the General section, the ID field will be auto-generated if not provided. Enter a Name and a Description for the Transaction Plan. In the Target Geography section, use the lookup for the Geography Lookup field to select a value for the field. The other fields in this section will auto-populate based on the Geography Lookup selected. Complete the other sections on the General tab if necessary, they are not required.
Tasks
The Tasks tab is used to associate tasks from the Manage Tasks page with the Transaction Plan. The tasks that are associated on this tab relate to the Transaction Plan and may have an effect on the Transaction Plan itself. Some tasks may need to be completed for the transaction; others may just be added for consideration purposes. Project Tasks and Approval Tasks can be associated with the Transaction Plan. The provided features can be used to create task records and create dependencies between tasks to build a set of related Transaction Plan milestones. Users assigned as the Responsible person for a task will receive notifications/alerts about the task assignment.

Market Analysis
The Market Analysis tab is used to define an analysis of the market in which the real estate transaction is to take place. The market analysis is based on the market cost/price and total cost/price per square area. This data may help planners make cost and space-related decisions about the pending transaction. This analysis can be based on market data resources, such as a URL. Additionally, market resource documents may be added to the Document Manager, so that they may be viewed by anyone reviewing the RE Transaction Plan. On this tab, enter values for:

- Market Cost/Area
- Market Total Cost
- Market Price/Area
- Market Total Price
- Market Data
Use the Add action in the section bar to add records to the Market Data Resources section. Clicking the Add action will display the URL form which allows users to enter a Name and a URL as the source of Market Data. To add the record to the Transaction Plan, click the Create action.

### Notes & Documents

The Notes & Documents tab is used to add informational comments or documents related to the Transaction Plan. This section displays all notes associated with the Transaction Plan. Use the Add action in the Comments section to open a new Comment form. Comments can be added to record a log of calls, contacts, conversations, emails, and other communications that are related to the history of the Transaction Plan. Each comment added to the list is logged with a reference data and author. Use the Create action to complete the creation of a comment.

Use the Find or Upload actions in the Related Document section to attach documents to the Transaction Plan. Each uploaded document is posted to the document list and can be managed using standard document management functions, including:

- Check in/out
- Version control
- Document viewing
- Document markup

Click the Save action to record any changes made to the Notes & Documents tab.
CTQs
The Critical to Quality items (CTQs) tab is used to provide the details for CTQ Items. Each CTQ Item is listed in line item format on this tab. Click the Add action to add records to the CTQs tab. This will display the CTQ Item form which allows the user to enter the necessary information, such as Name, Importance, Assessment Type, and Desired Value. To add the record to the Transaction Plan, click the Create action. The variables assigned to the Need and Importance Rank columns are used to define the requirement itself. For example, if the CTQ Item record selected is for Completion Date, the Completion Date can be assigned as the desired value.

Planning
The Planning tab contains information that forms the basis of the RE Transaction process. The initial process involves the creation of scenarios which describe all of the possible solutions to close the real estate transaction. Transactions and scenarios are created on the Planning tab.
The Scenarios section is used to add every possible option for completing the real estate transaction. By using the actions in the Action bar, users can create as many new scenarios as necessary.

Click the Add action to display the RE Transaction Scenario form. The form is used to provide all of the necessary information. Clicking the Find action in the Projects section will allow users to associate different kinds of transactions for the scenario. When the Scenario form is complete, click the Create action to add the scenario to the Planning tab on the Transaction Plan.
Activate
Once the Transaction Plan record has been completed, click the Activate action. This will route the record for approval based on the defined approval process. The record will remain in Review In Progress status until it is approved. Once approved, the record will appear in the results page with a status of Active and the Transaction Plan is considered to be in-effect.

1.5. Manage Real Estate Transaction Project

Real estate projects are developed and managed through a real estate transaction plan. Each project can be evaluated against the scoring criteria (CTQs) from the transaction plan. Multiple scenarios can be developed in conjunction with the transaction plan to address the requirements.

Create Real Estate Project Transactions

Real Estate Projects are typically created from within the Real Estate Transaction Plan container. To find an existing RE Transaction Plan, navigate to the Projects > Real Estate portal and click the View Transaction Plans link in the Related Link – Real Estate portal section. On the View Transaction Plans page, click the Plan Number for the Transaction Plan that will contain the new RE Project and navigate to the Planning tab.

In the Planning tab, users can provide details that pertain to the new Transaction Project, such as acquisition and disposition details, that is being created for the RE Transaction Plan record.
Add Transaction Project to Transaction Plan

Use the Add Transaction Project action in the section bar to add a new Transaction Project record to the Transactions section. The system will display the Add Transaction form, which is used to provide the necessary information such as transaction name and type and assign a Project Template from the list of available templates. When that information has been completed, clicking the Continue action will allow the user to proceed to the next step.

If the Transaction Type of the new Transaction Project is Acquisition or Lease, the system can create a Revenue Forecast.

Assign Real Estate Projects to Scenarios

Multiple RE Projects can be assigned to one or more scenarios to define the possible solutions. The various RE Project types provide the ability to effectively track the costs, leases, and occupancy issues associated with a property.

For example, if an organization wants to increase its headcount, it requires more space. The organization can dispose of the current property (using a Termination project) and acquire a new one (through a Lease or Acquisition project). These choices are the possible solutions for each real estate scenario.

Multiple RE Project types can be added to a solution scenario. To assign an RE Project to a Transaction Plan scenario, navigate to the Planning tab on the Transaction Plan and select a record from the Scenarios list or, on the Scenario record, use the Find action in the Projects section to assign candidate projects to the scenario.

Develop Project Details

On the RE Project form, complete any additional project details that support the evaluation and comparison of RE Projects, including but not limited to: Financial Terms and Tasks.
**Financial Terms**
The Financial Term details will vary by RE Project type. For example, an Acquisition project will prompt the user for the details of the Purchase Price and Purchase Date, while a Lease project will prompt the user for the Estimated Rent Schedules, Lease Start/End Dates, etc.

**Tasks**
On the Tasks tab, users can create tasks for the RE Project. Typically, the tasks on the RE Project are used to track high-level project milestones. Use the provided features to create task records and create dependencies between tasks to build a set of related Transaction Plan milestones. Users assigned as the Responsible person for a task will receive notifications and/or alerts about the task assignment.

**Request CTQ Evaluation for a Real Estate Project**
A Cost to Quality (CTQ) evaluation is only available for RE Project types of Acquisition or Lease.

On the Transaction Plan record, on the Planning tab, select any of the RE Projects that have been added in the Transactions section. Navigate to the CTQs tab on the selected RE Project record. Complete the Assessment values to define the actual values measured for the Project and Save the project. Click the Request CTQ Evaluation action on the CTQ Assessment section to initiate the survey process. Select which contracts should receive the evaluation assignment and click Continue.

An action item will be assigned to each contact to provide a response, including satisfaction ratings, for each CTQ item. CTQ ratings are used to compare RE Projects across Transaction Plan scenarios, using Six Sigma scoring methods. Various tools are provided to perform a detailed financial analysis and cost comparisons between scenarios.
**Activate the RE Project**

Once the Transaction Plan record is complete, click the Activate action on the Transaction Plan. The system will route the record for approval following the defined approval process. Until the record is approved, the status will be Review In Progress. Once the document is approved, the status is set to Active and the Transaction Plan is considered to be in-effect.
## Appendix A

### TERMINOLOGY

The terms listed below are used throughout this training guide.

<table>
<thead>
<tr>
<th>Term</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acquisition</td>
<td>Defines the real estate details of a property being purchased from another party.</td>
</tr>
<tr>
<td>Approvals</td>
<td>Ensure that created and modified records meet the defined business requirements.</td>
</tr>
<tr>
<td>Assets</td>
<td>Owned or leased items, such as buildings, equipment or vehicles that are tracked in the TRIRIGA system.</td>
</tr>
<tr>
<td>Capital projects</td>
<td>Large-scale goals, such as the construction of a building project that typically requires significant funding to complete.</td>
</tr>
<tr>
<td>Condition Assessment Plan</td>
<td>A plan for ensuring that critical building systems are regularly inspected and the current condition of systems is recorded.</td>
</tr>
<tr>
<td>Current Terms</td>
<td>Defines the current terms and conditions of a lease agreement with another party.</td>
</tr>
<tr>
<td>Dashboard</td>
<td>Default page for each security group or user role that provides a snapshot of current activity.</td>
</tr>
<tr>
<td>Disposition</td>
<td>Defines the real estate details of a property that is being sold to another party.</td>
</tr>
<tr>
<td>Evaluation surveys</td>
<td>Used to follow up requests, maintenance, sustainability measurements, and space reservations with a questionnaire that provides feedback to the service provider on the quality of work performed.</td>
</tr>
<tr>
<td>Expiration</td>
<td>Defines the real estate details of a lease whose duration is elapsed.</td>
</tr>
<tr>
<td>Facilities projects</td>
<td>Smaller-scale goals, such as painting an office, moving cubicles, and handling plumbing or electrical repairs.</td>
</tr>
<tr>
<td>Funding Request</td>
<td>Used to request the necessary funds to pay for assessed opportunities.</td>
</tr>
<tr>
<td>Funding Sources</td>
<td>Budgetary resources for programs and projects.</td>
</tr>
<tr>
<td>Home Page</td>
<td>Returns the user to the default Dashboard page and includes the available portals for that user based on assigned security.</td>
</tr>
<tr>
<td>Job Plan</td>
<td>The primary record in the preventative maintenance process that defines who is responsible for the work to be performed and identifies the building systems, assets, and locations that will be serviced, also referred to as the scope.</td>
</tr>
<tr>
<td>Landing Pages</td>
<td>Contain actions organized into menus and sections of relevant information.</td>
</tr>
<tr>
<td>Lease</td>
<td>Defines the real estate details of a lease agreement with another party.</td>
</tr>
<tr>
<td>Leases Portal</td>
<td>Used to view real estate contracts and asset leases.</td>
</tr>
<tr>
<td>Manage Moves Project</td>
<td>Management of moves includes managing move service requests, planning scheduled moves, and planning strategic moves.</td>
</tr>
<tr>
<td>Notifications tab</td>
<td>A tab in each record that defines users who are notified of any changes or approval requirements.</td>
</tr>
<tr>
<td>Portals</td>
<td>The main application sections within TRIRIGA.</td>
</tr>
<tr>
<td>Portfolio portal</td>
<td>Central store of Locations, Organizations, People, Specifications, and Assets.</td>
</tr>
<tr>
<td>Preventative Maintenance</td>
<td>Work performed on a defined schedule.</td>
</tr>
<tr>
<td>Term</td>
<td>Description</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Program record</td>
<td>Provides details about the higher-level business vision, business goals, or business objectives that govern and align the objectives across multiple inter-related projects.</td>
</tr>
<tr>
<td>Project</td>
<td>Defined by its general information, the team members, the scope, a schedule, and a budget.</td>
</tr>
<tr>
<td>Project Record</td>
<td>Used to manage all activity related to the completion of work for a specific project, including the tracking of costs, tasks, milestones, and resources.</td>
</tr>
<tr>
<td>Real Estate Contract Abstract record</td>
<td>The recording of a contract by entering specific summarized data.</td>
</tr>
<tr>
<td>Real Estate Functions</td>
<td>Allow users to plan real estate transactions and manage real estate projects for an organization.</td>
</tr>
<tr>
<td>Real Estate Transaction Plan</td>
<td>Acts as the central component around which all real estate transaction decisions are made. A Real Estate Transaction Plan can be developed that includes scenarios that use Real Estate Transactions as solutions to problems. A Real Estate Transaction Plan can also be a container for Real Estate Transaction Projects which use a Six Sigma rating system to compare the possible scenarios and help in the real estate decision-making process.</td>
</tr>
<tr>
<td>Requests portal</td>
<td>Used to issue, manage, and track various requests.</td>
</tr>
<tr>
<td>Service Level Agreements (SLAs)</td>
<td>Used to define the contractual terms and conditions for maintenance service agreements.</td>
</tr>
<tr>
<td>Service Plans</td>
<td>Used to centralize the rules used to manage service requests and work tasks.</td>
</tr>
<tr>
<td>Space Management</td>
<td>Used to maintain space plans and track space utilization data in buildings and structures. Also possible to manage the people and assets that are in the space and coordinate property transactions in the system.</td>
</tr>
<tr>
<td>Sublease</td>
<td>Defines the real estate details of a lease agreement between a lessee and a sub-lessee.</td>
</tr>
<tr>
<td>Termination</td>
<td>Defines the real estate details of a lease that is closing before its original end date.</td>
</tr>
<tr>
<td>Utility meters</td>
<td>Used to track utility consumption data for locations.</td>
</tr>
<tr>
<td>Work Plan</td>
<td>Used to manage work groups and assign work through scheduling of resources.</td>
</tr>
</tbody>
</table>
Appendix B

LIST OF ACRONYMS

The table below lists the acronyms that are used in this training guide.

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTQ</td>
<td>Critical to Quality</td>
</tr>
<tr>
<td>OpEx</td>
<td>Operating Expense</td>
</tr>
<tr>
<td>PM</td>
<td>Preventative Maintenance</td>
</tr>
<tr>
<td>RE</td>
<td>Real Estate</td>
</tr>
</tbody>
</table>