

We are currently updating our site; thank you for your patience.

CONTRACT

LIFE BASED / PREPAID CONTRACT

This contract type is to be used where a set meter charge was paid ahead of contract creation, and meters are **not** billed until their usage limit / duration is reached.

Only meters are considered to be prepaid.

Fees continue to be billed based on the billing cycle.

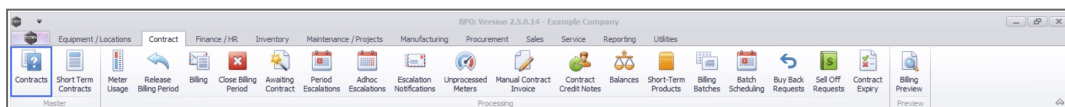
Meters still appear in **monthly usage for reading capture**. This reading needs to be captured correctly, as the prepaid meter usage will determine whether the limit has been reached (regardless of meter resets).

When the duration / meter usage limit is about to be reached or is reached, an email is sent to the customer account manager. The customer account manager can review the contract if applicable.

Once the prepaid portion of the contract expires either by duration or usage, **aggregate billing** set up on the contract commences.

The **Enforce Authorisation flag** should always be selected.

Ribbon Select Contract > Contracts



The **Contract Listing** screen will be displayed.

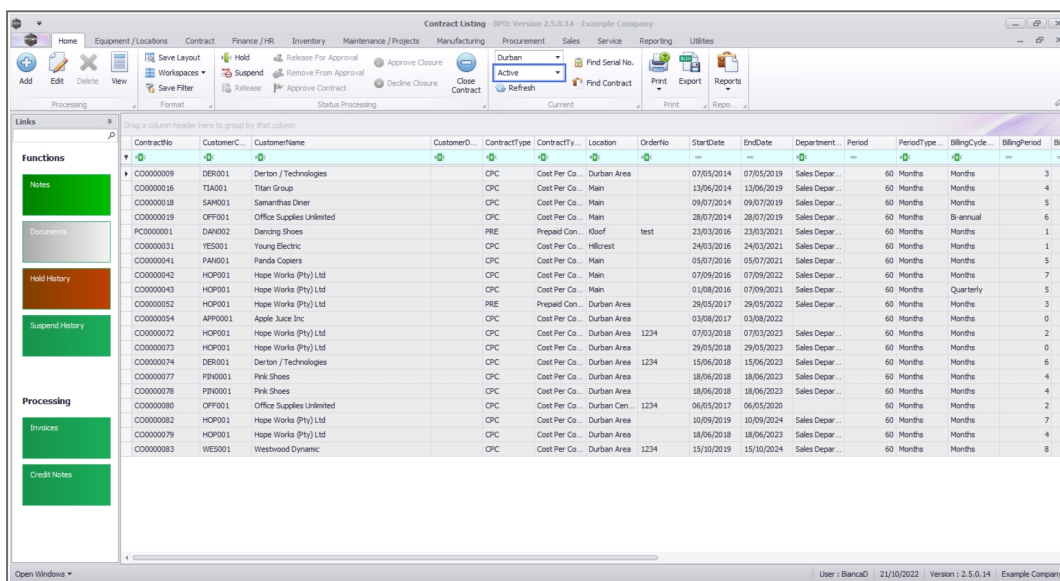
Select the Site

Your employee user record should be linked to a default site. In this case, the site will auto populate with this default, otherwise the site must be manually selected.

Another site can be selected, if required, and if you have the security rights to access the site.

If **All Sites** displays here, then you do not have a default site configured on your user record, and need to select the required site.

Upon opening, this screen will default to the **Active** status, listing all the **Active** contracts for the selected site.



The screenshot shows the 'Contract Listing' window with the 'Active' status selected. The table lists various contracts with columns for ContractNo, CustomerC, CustomerName, CustomerO, ContractType, ContractY, Location, OrderNo, StarDate, EndDate, Department, Period, PeriodType, BillingCycle, BillingPeriod, and Bill.

ContractNo	CustomerC	CustomerName	CustomerO	ContractType	ContractY	Location	OrderNo	StarDate	EndDate	Department	Period	PeriodType	BillingCycle	BillingPeriod	Bill
CO0000009	DER001	Derton / Technologies		CPC	Cost Per Co.	Durban Area		07/05/2014	07/05/2019	Sales Depar...	60	Months	Months		3
CO0000016	TSR001	Titan Group		CPC	Cost Per Co.	Main		13/06/2014	13/06/2019	Sales Depar...	60	Months	Months		4
CO0000018	SAH001	Samarthas Diner		CPC	Cost Per Co.	Main		09/07/2014	09/07/2019	Sales Depar...	60	Months	Months		5
CO0000019	OPF001	Office Supplies Unlimited		CPC	Cost Per Co.	Main		28/07/2014	28/07/2019	Sales Depar...	60	Months	Bi-annual		6
PC0000001	DAN002	Dancing Shoes		PBE	Prepaid Con...	Ksoof	test	23/03/2016	23/03/2021	Sales Depar...	60	Months	Months		1
CO0000031	YES001	Young Electric		CPC	Cost Per Co.	Hillcrest		24/03/2016	24/03/2021	Sales Depar...	60	Months	Months		1
CO0000041	PAN001	Panda Copiers		CPC	Cost Per Co.	Main		05/07/2016	05/07/2021	Sales Depar...	60	Months	Months		5
CO0000042	HOP001	Hope Works (Pty) Ltd		CPC	Cost Per Co.	Main		07/09/2016	07/09/2022	Sales Depar...	60	Months	Months		7
CO0000043	HOP001	Hope Works (Pty) Ltd		CPC	Cost Per Co.	Main		01/08/2016	07/09/2021	Sales Depar...	60	Months	Quarterly		5
CO0000052	HOP001	Hope Works (Pty) Ltd		PBE	Prepaid Con...	Durban Area		29/05/2017	29/05/2022	Sales Depar...	60	Months	Months		3
CO0000054	APP0001	Apple Juice Inc		CPC	Cost Per Co.	Durban Area		03/08/2017	03/08/2022		60	Months	Months		0
CO0000072	HOP001	Hope Works (Pty) Ltd		CPC	Cost Per Co.	Durban Area	1234	07/03/2018	07/03/2023	Sales Depar...	60	Months	Months		2
CO0000073	HOP001	Hope Works (Pty) Ltd		CPC	Cost Per Co.	Durban Area		29/05/2018	29/05/2023	Sales Depar...	60	Months	Months		0
CO0000074	DER001	Derton / Technologies		CPC	Cost Per Co.	Durban Area	1234	15/06/2018	15/06/2023	Sales Depar...	60	Months	Months		6
CO0000077	PRN0001	Pink Shoes		CPC	Cost Per Co.	Durban Area		18/06/2018	18/06/2023	Sales Depar...	60	Months	Months		4
CO0000078	PRN0001	Pink Shoes		CPC	Cost Per Co.	Durban Area		18/06/2018	18/06/2023	Sales Depar...	60	Months	Months		4
CO0000080	OFF001	Office Supplies Unlimited		CPC	Cost Per Co.	Durban Cen...	1234	06/05/2017	06/05/2020	Sales Depar...	60	Months	Months		2
CO0000082	HOP001	Hope Works (Pty) Ltd		CPC	Cost Per Co.	Durban Area		10/09/2019	10/09/2024	Sales Depar...	60	Months	Months		7
CO0000079	HOP001	Hope Works (Pty) Ltd		CPC	Cost Per Co.	Durban Area		18/06/2018	18/06/2023	Sales Depar...	60	Months	Months		4
CO0000083	WES001	Westwood Dynamic		CPC	Cost Per Co.	Durban Area	1234	15/10/2019	15/10/2024	Sales Depar...	60	Months	Months		8

CONTRACT INFO PANEL

Upon opening this screen, the Info panels are docked, with the **Contract Info** panel at the fore. If not, click on the **Contract Info** tab.

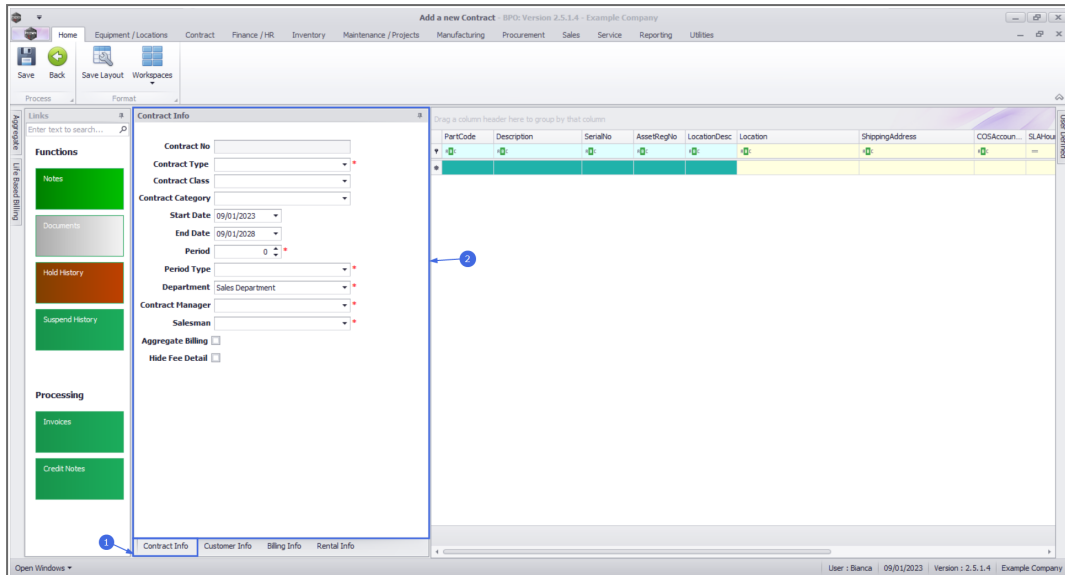
- **Contract No:**
 - If this field is greyed out, then your system is configured to auto generate the contract number upon

saving the contract. This is generated by the system (if the **Auto Contract flag** is selected in **BPO Configurator**).

- **Contract Type:** Click on the drop-down arrow and select the **Contract Type**, e.g. **Cost per Copy**.
 - **For Prepaid Contracts:**
 - This is used when creating a Prepaid / Life Based contract.
 - Before you select the Contract Type, you will note that the **Life Based Billing** tab is currently docked on the **left** side of the screen.
 - In the **Contract Type** field, **Prepaid Contract** must be selected from the drop-down menu.
 - After selecting the **Prepaid Contract** option, the **Life Based Billing** tab will move to the bottom of the screen.
- **Contract Class**¹: Click on the drop-down arrow and select the **Contract Class**
- **Contract Category:** Click on the drop-down arrow and select the **Contract Category**
- **Start Date:** This will auto populate with the current date, but you can click on the drop-down arrow and use the calendar function to select an alternative date.

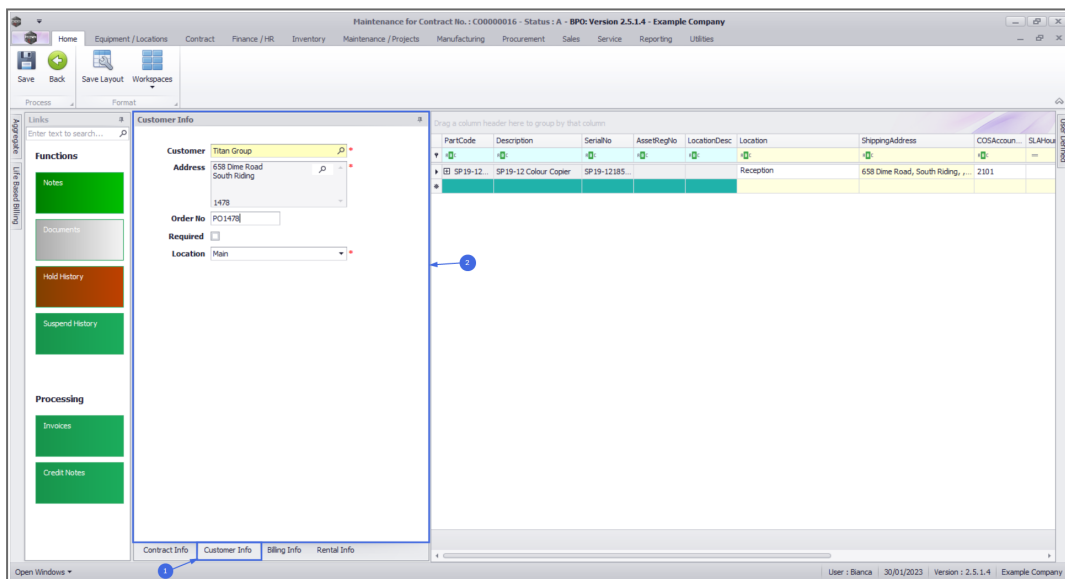
¹A Call Request is logged to form a record of a request from a customer whose account is in arrears, on hold, or whose contract is on hold. No corresponding action will be performed to address the request until the customer or contract is no longer on hold, or the account has been settled.

- **End Date:** This will auto populate **5** years from the start date, but you can click on the drop-down arrow and use the calendar function to select an alternative end date if required.
 - **Note:** If this is an evergreen contract, set your end date to 31/12/2999
- **Period:** This will auto populate when the Contract Type is selected but you can either type in or use the arrow indicators to select an alternative period (life span of the contract).
- **Period Type:** This will auto populate when the Contract Type is selected but you can click on the drop-down arrow and select an alternative period type (measure relating to the lifespan), e.g. months.
- **Department:** Click on the drop-down arrow and select the department.
- **Contract Manager:** Click on the drop-down arrow and select the contract manager.
- **Salesman:** Click on the drop-down arrow and select the salesman.
- **Aggregate Billing:** Click on this check box if the customer will receive aggregate billing.
 - **For Aggregate Billing Contracts:**
 - This is used when creating an Aggregate contract or Prepaid / Life Based contract.
 - Note that the **Aggregate** tab is currently docked on the **left** side of the screen.
 - Select the **Aggregate Billing** check box.
 - The **Aggregate** tab will move to the bottom of the screen.
- **Hide Fee Detail:** Select this option if you don't want to show individual contract invoice fee amounts on the customer invoice.



CUSTOMER INFO PANEL

- When you have finished editing the contract info details, click on the **Customer Info** tab.

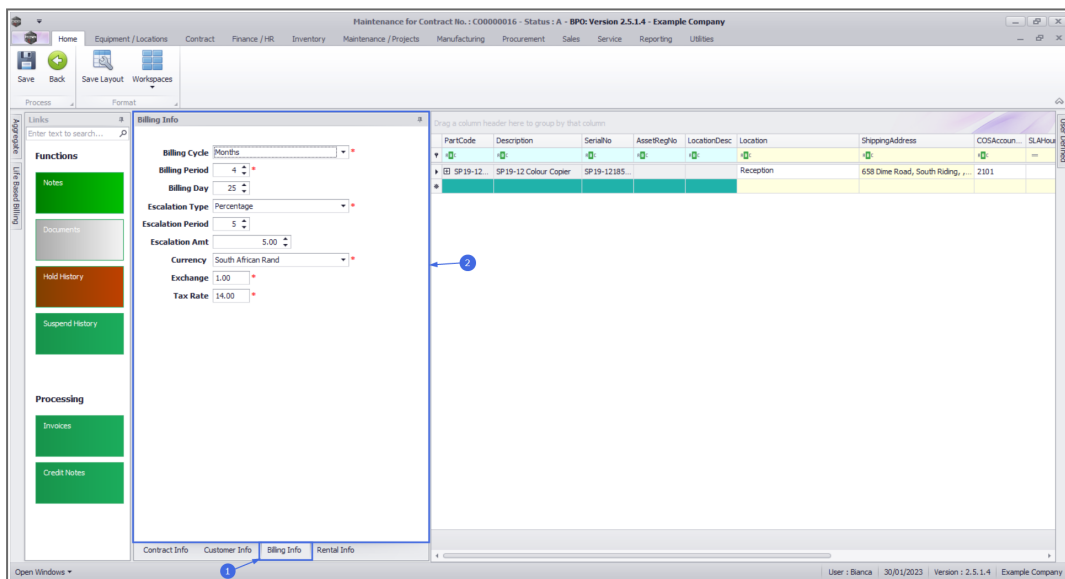


The **Customer Info** panel will move to the fore.

- **Customer:** Click on the search button and select the customer from the **Select a customer for this contract** pop up screen.
- **Address:** This will auto populate when the Customer is selected but you can click on the search button and select an alternative address from the **Select an address for this contract** pop up screen.
- **Order No:** Type in the customer order number if required.
- **Required:** Only select this check box if the client must supply an order number before a technician is sent to site.
- **Location:** Click on the drop-down arrow and select the contract location from the menu.

BILLING INFO PANEL

- When you have finished editing the contract info details, click on the **Billing Info** tab.



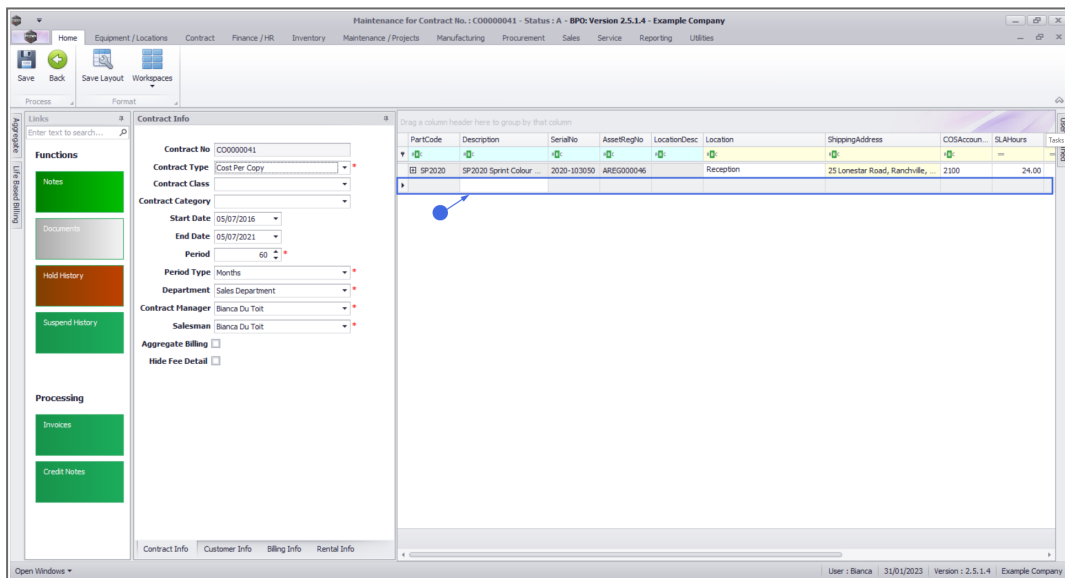
The **Billing Info** panel will move to the fore.

- **Note:** Most of these details will auto populate but they can be changed, as explained below.
- **Billing Cycle:** Click on the drop-down arrow and select the billing cycle (billing frequency, e.g. monthly).
- **Billing Period:** This is the period when the contract will be billed for the first time. Type in or use the arrow indicators to select the period number.
 - **Note:** The Billing Period relates to the **financial period** of the company e.g. if the company's financial year ends on 31 December and a contract is to be billed in February, the Billing Period would be 2.
- **Billing Day:** The Billing Day can be used if you are billing different contracts on different days or can be used as a filter in the **Contract Billing** screen. The Billing Day is limited to 31. Type in the day that the customer will be billed (e.g. on the 25th of each billing cycle) otherwise leave as 0.
- **Escalation Type:** Search for and select an escalation type (usually percentage is used).
- **Escalation Amount:** Type in the escalation amount, depending on the escalation type selected (e.g. 10 if the escalation should be 10%).
- **Escalation Period:** Type in the financial month at which the system should escalate the contract.
 - **Note:** The Escalation Period relates to the **financial period** of the company e.g. if the company's financial year ends on 31 December and a contract is to be escalated in March, the Escalation Period would be 3. If the escalation is on the anniversary of the contract, then use the same financial period as the billing period.

- **Currency:** The system will auto populate with the currency already set up on the customer, but you can click on the drop-down arrow and select an alternative currency if required.
 - **Note:** For foreign currency contracts, all fee and meters charges must be set up in the currency selected e.g. type in the Dollar amount if the currency is USD.
- **Exchange:** The system will auto populate with the exchange rate set up in the system, but you can type in an alternative exchange rate.
- **Tax Rate:** The system will auto populate with the tax rate set up in the system, but you can type in an alternative tax rate.

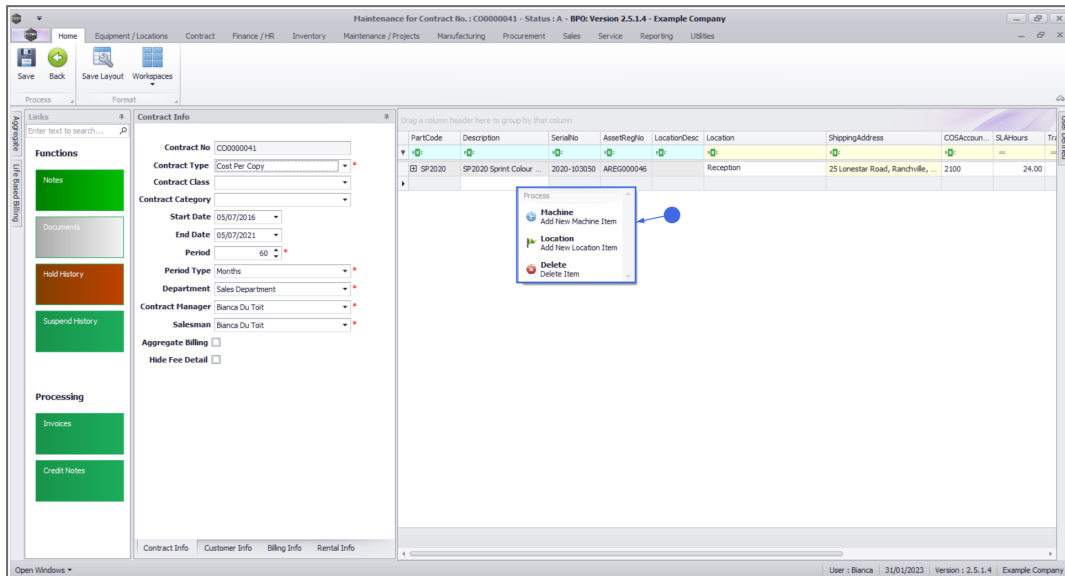
CONTRACT ITEMS FRAME

- **Right click** anywhere in the **row** of the **Contract Items** frame.



- A **Process** menu will pop up.
- From this menu, you can:

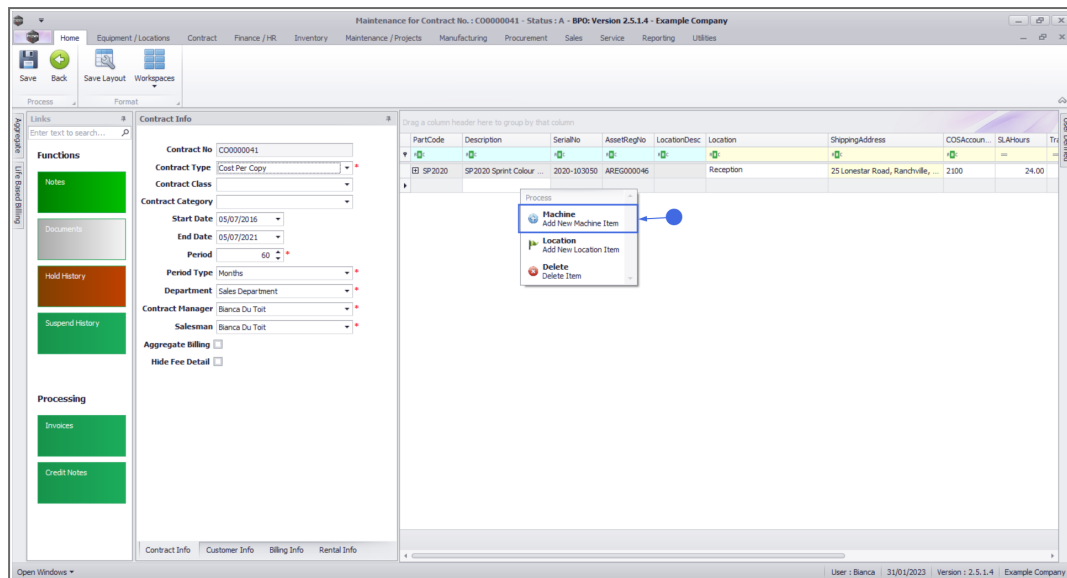
- Add a new machine item
- Add a new location item
- Delete a contract item



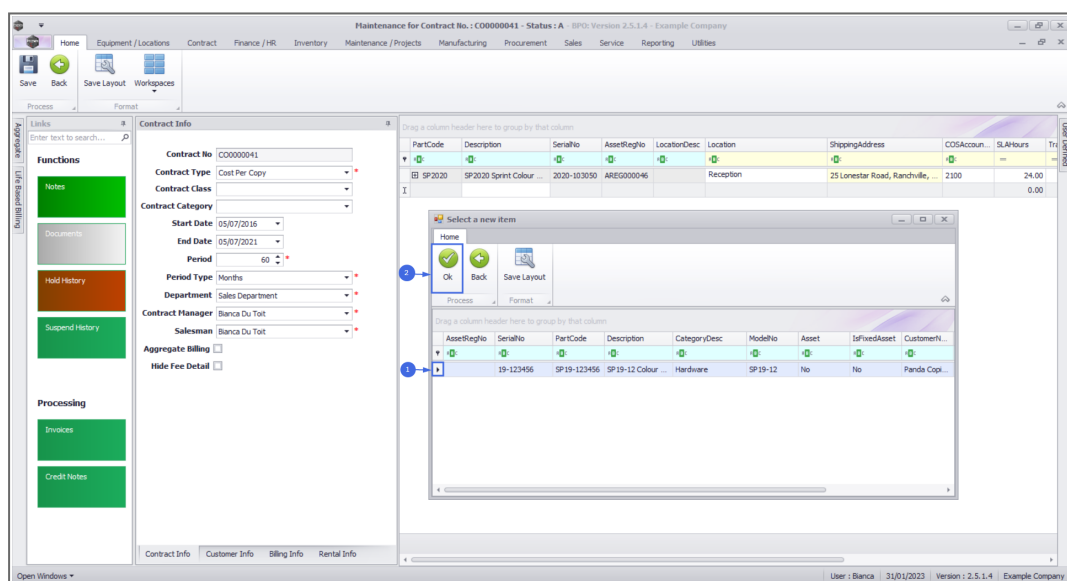
ADD NEW MACHINE ITEM

Where you have a serialised item that requires maintenance or service, the item can be linked to the contract.

- Click on **Machine** - Add New Machine Item.



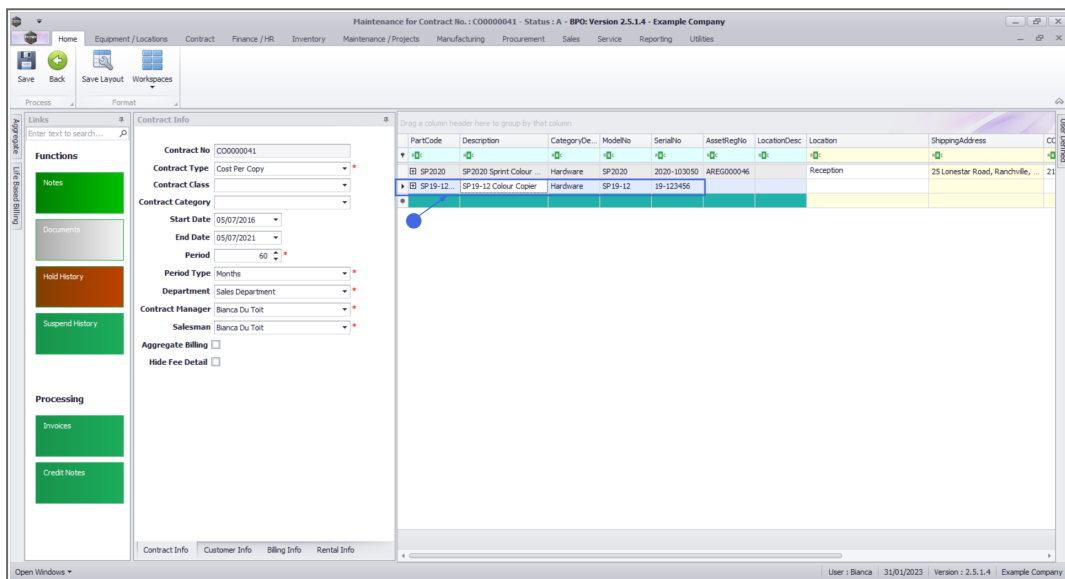
- The **Select a new item** pop up screen will appear, listing all customer assets sold to or created against this customer; or rental assets issued to this customer.
- Select the **row** of the **item** that you wish to **link** to this contract.
- Click on **Ok**.



- The following columns will auto populate according to your item selection:

- **Part Code**
- **Description**
- **Category Description**
- **Model No** if configured on the asset's part code
- **Serial No**
- **Asset Register No** if configured on the asset

Note: The **LocationDesc** column will not be populated as this is a Machine (asset) Contract item and not a Location Contract Item.

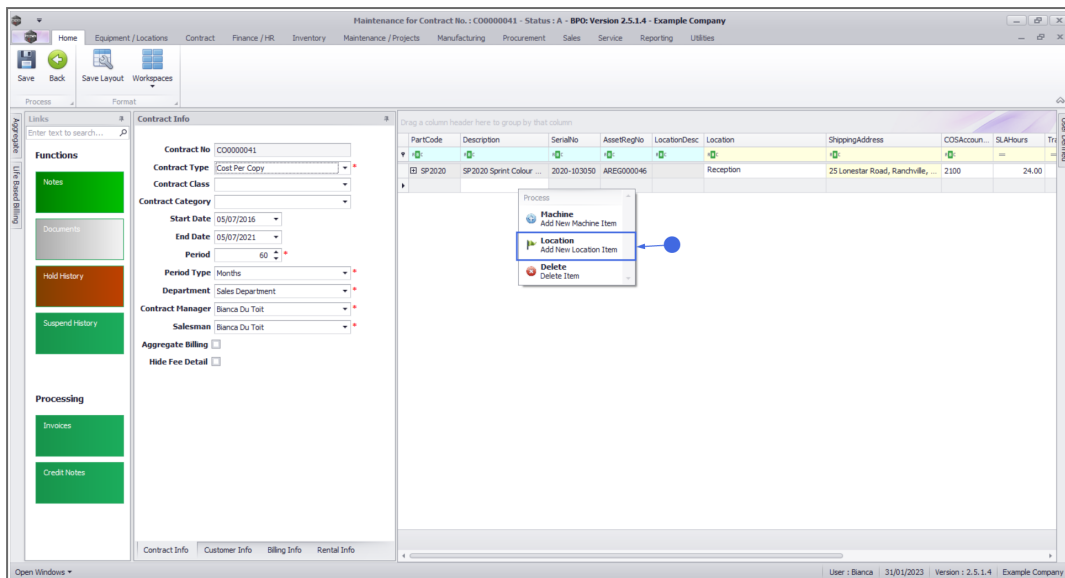


PartCode	Description	CategoryDe	ModelNo	SerialNo	AssetRegNo	LocationDesc	Location	ShippingAddress
SP2020	SP2020 Sprint Colour ...	Hardware	SP2020	2020-103050	AREG000046		Reception	25 Lonestar Road, Randville, ...
SP19-12	SP19-12 Colour Copier	Hardware	SP19-12	19-123456				

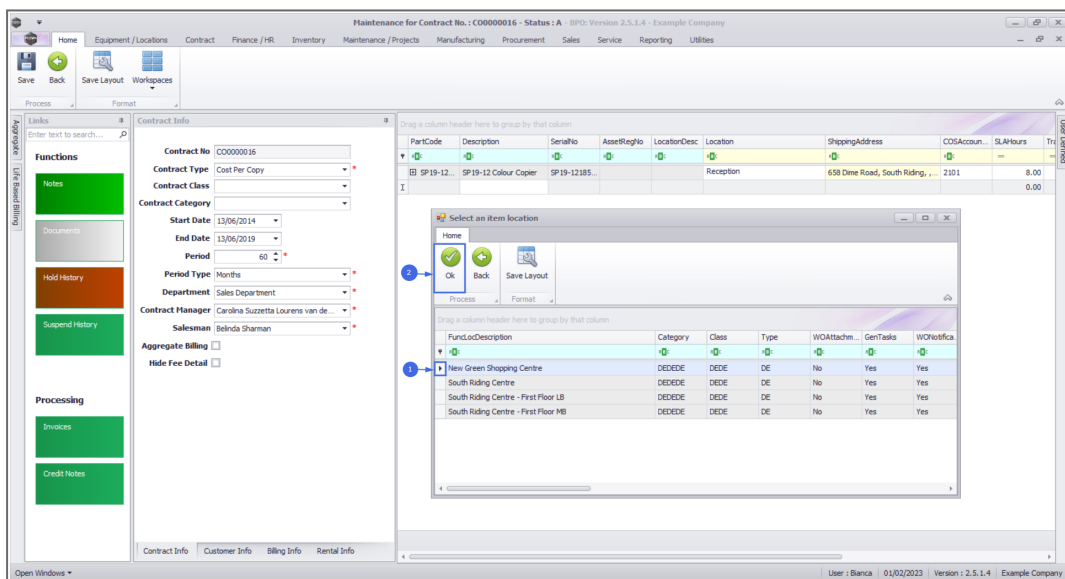
ADD NEW LOCATION ITEM

Instead of linking a serialised item, you have the ability to link a location to the contract. This can be used where a room or building requires maintenance or service.

- Click on **Location** - Add New Location Item.



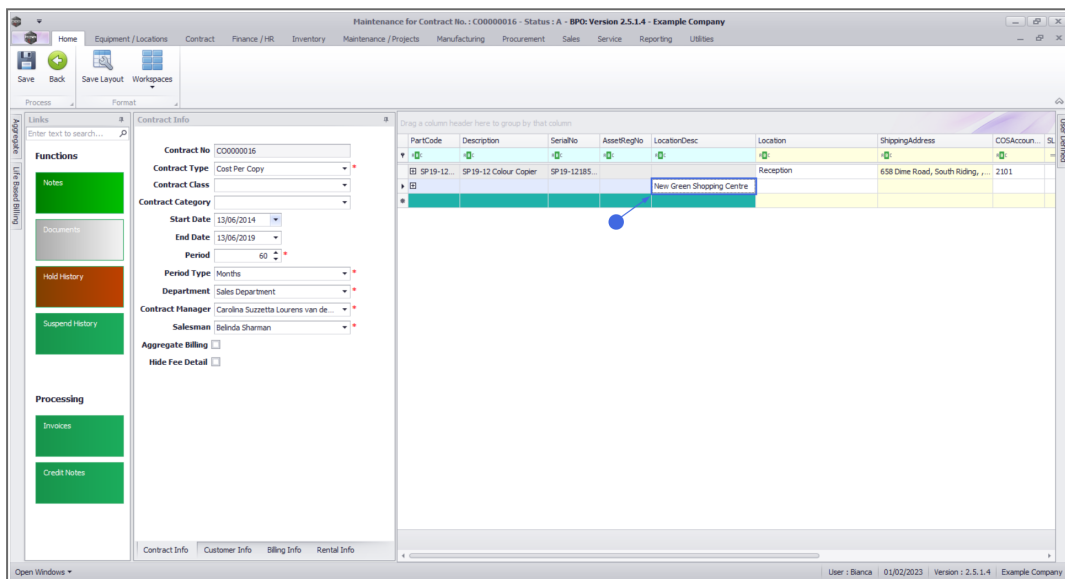
- The **Select a new item** pop up screen will appear, listing all customer locations.
- Select the **row** of the **item** that you wish to **link** to this contract.
- Click on **Ok**.



- The following columns will auto populate according to your item selection:

- LocationDesc
- Description
- Category Description
- Model No if configured on the asset's part code
- Serial No
- Asset Register No if configured on the asset

Note: The **PartCode**, **Description**, **Category Description**, **Model No**, **Serial Number**, and **Asset Register No** columns will not be populated as this is a Location Contract item and not a Machine (asset) Contract Item.



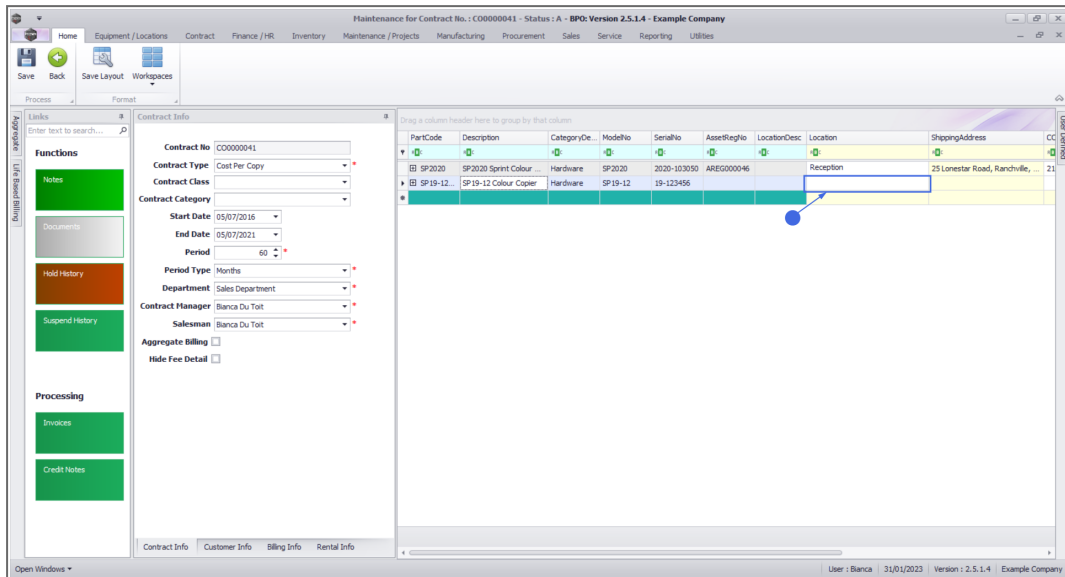
CONTRACT ITEM MAIN DETAILS

Whether you are linking a Machine or Location, the following item details should be configured.

Link Location

This is the location of the contract item, e.g. Reception, used to assist the technician with finding the item on site.

- Click in the **Location** text box.
- Type in a **Location** for this item.



The screenshot shows the 'Maintenance for Contract No.: C00000041 - Status: A - BPO: Version 2.5.1.4 - Example Company' window. The 'Contract Info' section on the left includes fields for Contract No., Contract Type, Contract Class, Contract Category, Start Date, End Date, Period, Period Type, Department, Contract Manager, and Salesman. The 'Processing' section includes 'Invoice' and 'Credit Notes'. The 'Table' section on the right displays a list of contract items with columns: PartCode, Description, CategoryDe, ModelNo, SerialNo, AssetRegNo, LocationDesc, Location, and ShippingAddress. The 'Location' column for the first item is highlighted with a blue box and a blue dot, indicating where to click to enter a location.

Link Shipping Address

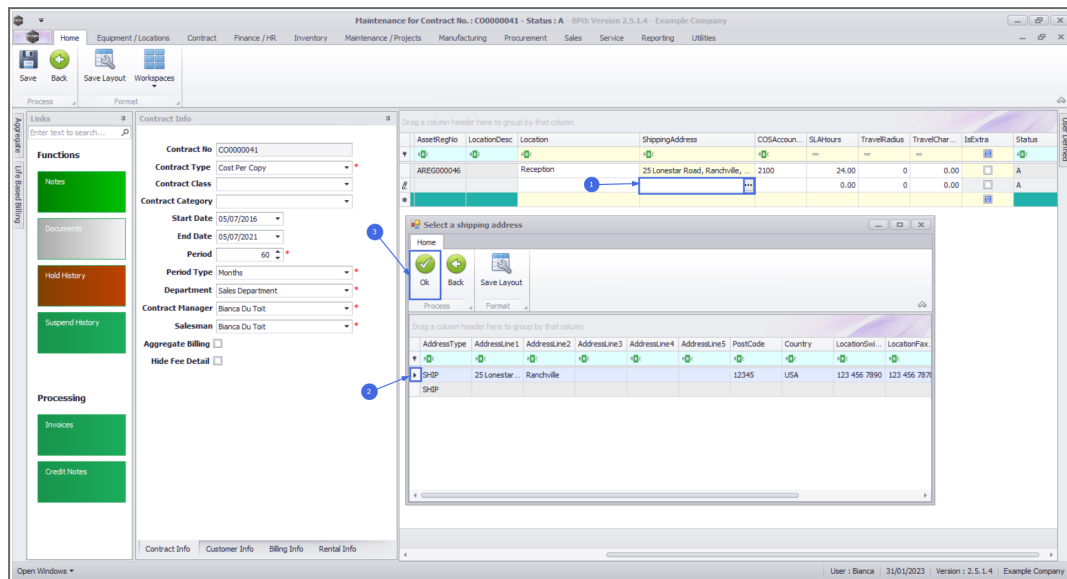
This is the physical address where the contract item is.

A new company config flag ([AutoUpdateShippingAddress](#)) is available in BPO2 v2.5.0.8 (or higher) / Nucleus Service to control automated shipping address updates in the system between contract items and equipment shipping addresses/ functional location shipping address and ensures the shipping address correlates to contract items shipping address. When you update the shipping address on a contract the shipping address will reflect on the asset or functional location. If the user updates the asset or functional location's shipping address, the shipping address will reflect on the contract item.

- Click in the **Shipping Address** text box.
- An **ellipsis** button will be revealed.
- Click on this button to display the **Select a shipping address** pop up screen.
- Select the **row** of the **shipping address** that you wish to **link** to

this item.

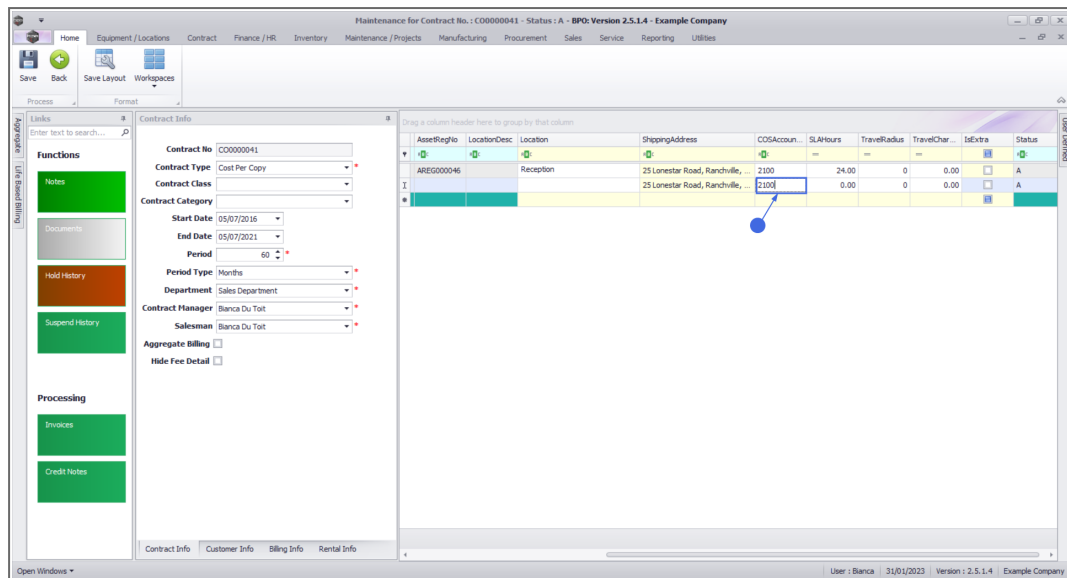
- Click on **Ok**.



- Scroll right** to view the remaining columns in the **Items** frame.

Link COS Account Code

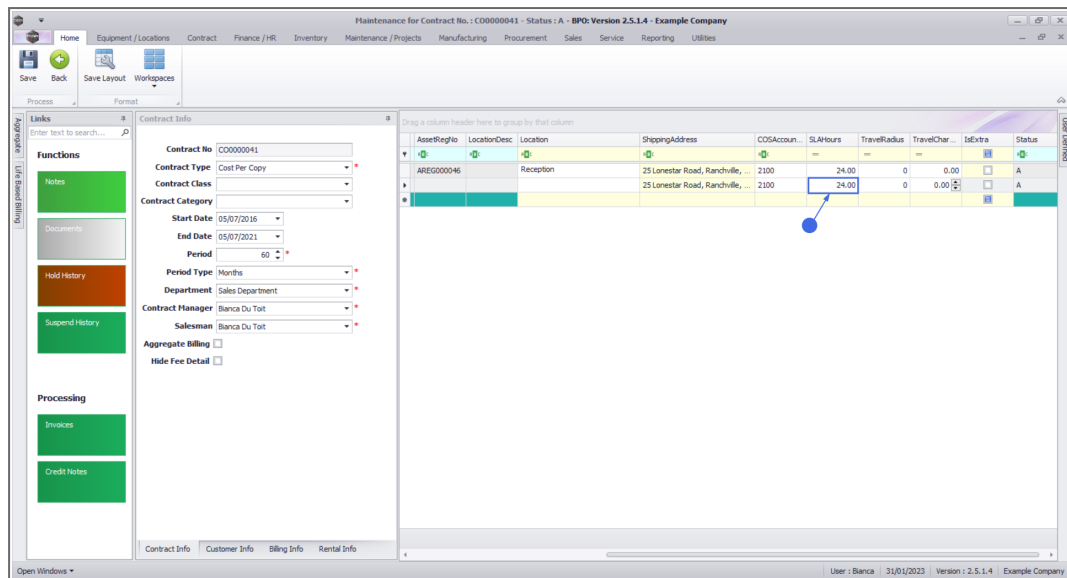
- Click in the **COS Account Code** text box.
- Type in the **Cost of Sales account code** to be used for WIP (Work In Progress) transaction postings (non-billable toner and spare parts issued as contract included items).



AssetRegNo	LocationDesc	Location	ShippingAddress	COSAccount	SLAHours	TravelRadius	TravelChar...	IsExtra	Status
ARE0000046	Reception	25 Lanester Road, Randville, ...	2100	24.00	0	0.00		A	
		25 Lanester Road, Randville, ...	2100	0.00	0	0.00		A	

Link SLA Hours

- Click in the **SLA Hours** text box.
- Type in or use the arrow indicators to select the required call response time (in hours) if applicable.
 - **Note 1:** If this is set up, **SLA** will apply every time a call is logged against the contract / contract item. **SLA** will be calculated based on the shift pattern (customer's trading hours) e.g. if the trading hours are from 8am - 5pm and a call is logged at 4pm, **SLA** will start calculating at 4pm and stop at 5pm and resume the following day at 8am.
 - **Note 2:** For **SLA** to work, the **shift** must be set up in **BPO Configurator** and **linked to the customer**.
 - **Note 3:** The SLA Monitoring Service must be **installed, configured** and running to fully utilise this functionality.

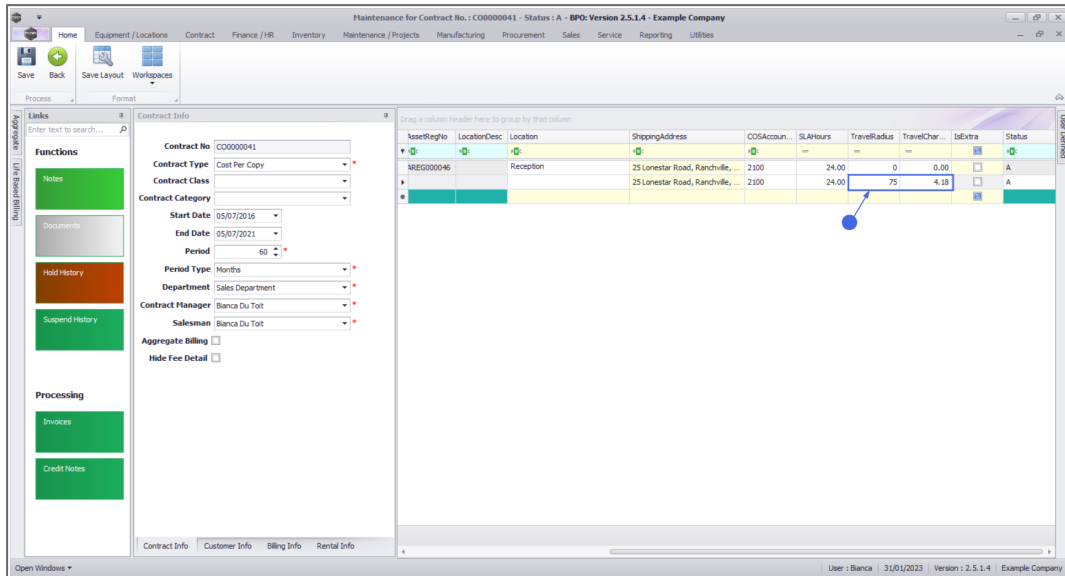


Link Travel Radius and Travel Charge

If you need to ensure travel is charged each time a call is raised for the contract item, set up a **Travel Radius** (distance) and **Travel Charge Rate** (per km). Also see [Travel Radii](#).

- Click in the **Travel Radius** text box.
- Type in or use the arrow indicators to select the distance in km to and from the client, if this travel is to be billed every time a call is logged. If travel is included, then set this to **0**.
 - **Note:** Travel can always be billed separately, if required.
- Click in the **Travel Charge Rate** text box.
- Type in or use the arrow indicators to select the travel charge rate (e.g. Rand per kilometre).
 - **Note:** If you input a non-zero value, each time a call is logged against the contract item and the technician travels outside the specified **Travel Radius**, the **Travel Charge Rate** will be applied. You will not be able to

close the call until the travel charges incurred are invoiced.



The screenshot shows the 'Maintenance for Contract No.: C00000041 - Status: A - BPO: Version 2.5.1.4 - Example Company' window. The interface includes a top navigation bar, a left sidebar with 'Links' and 'Functions' sections, and a main content area with a 'Contract Info' panel and a table of items.

Contract Info Panel:

- Contract No: C00000041
- Contract Type: Cost Per Copy
- Contract Class: [Dropdown]
- Contract Category: [Dropdown]
- Start Date: 05/07/2016
- End Date: 05/07/2021
- Period: 60
- Period Type: Months
- Department: Sales Department
- Contract Manager: Bianca Du Toit
- Salesman: Bianca Du Toit
- Aggregate Billing: ☐
- Hide Fee Detail: ☐

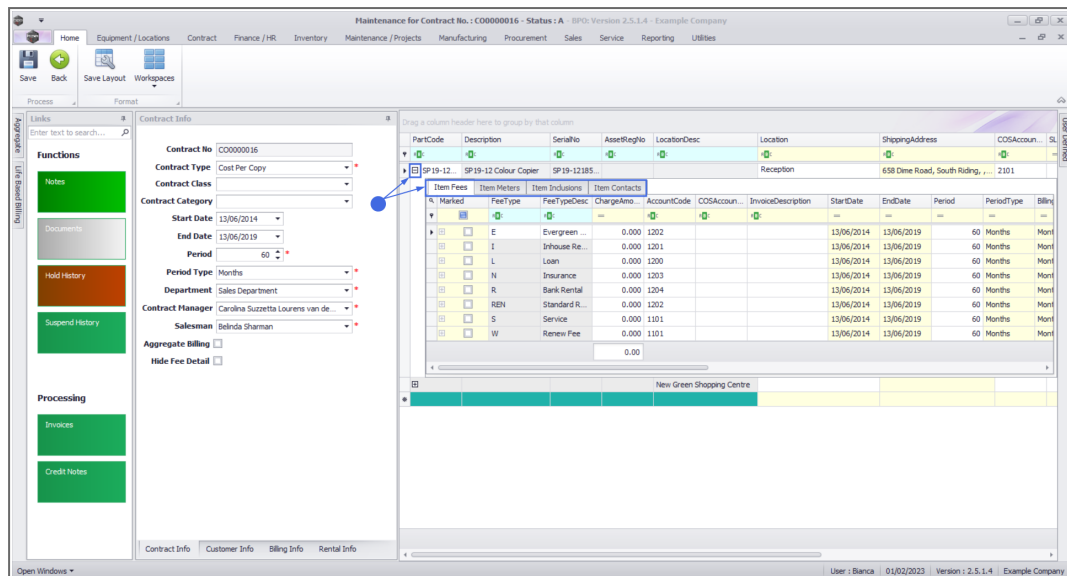
Table of Items:

AssetRegion	LocationDesc	Location	ShippingAddress	COSAccount	SLAHours	TravelRadius	TravelChar...	IsExtra	Status
WSE0000046	Reception		25 Lonestar Road, Ranchville, ...	2100	24.00	0	0.00	☐	A
			25 Lonestar Road, Ranchville, ...	2100	24.00	75	4.18	☐	A

- The **Is Extra** flag is to indicate whether the item is an accessory to the main item on contract.
- The **Status** field is static and there to show you the that the item is active.

CONTRACT ITEM ADDITIONAL DETAILS

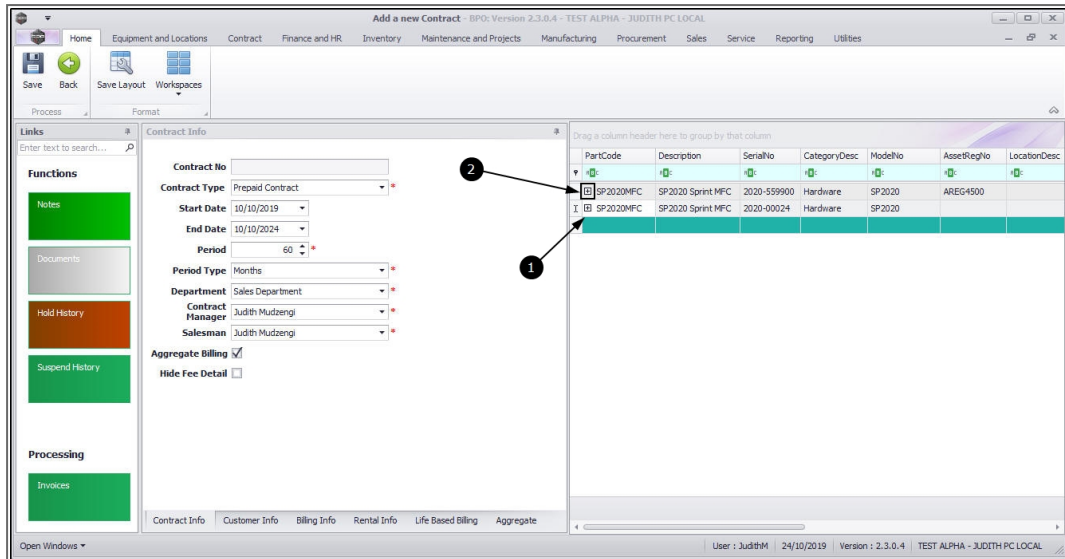
Whether you are linking a Machine or Location, the following item details should be configured, where applicable.



- Here you can click on four different tabs to add or edit:
 - **Item Fees:** periodic charges e.g. monthly
 - **Item Meters:** meter usage charges
 - **Item Inclusions:** non billable items that are included in the contract
 - **Item Contacts:** the contact person - per machine.

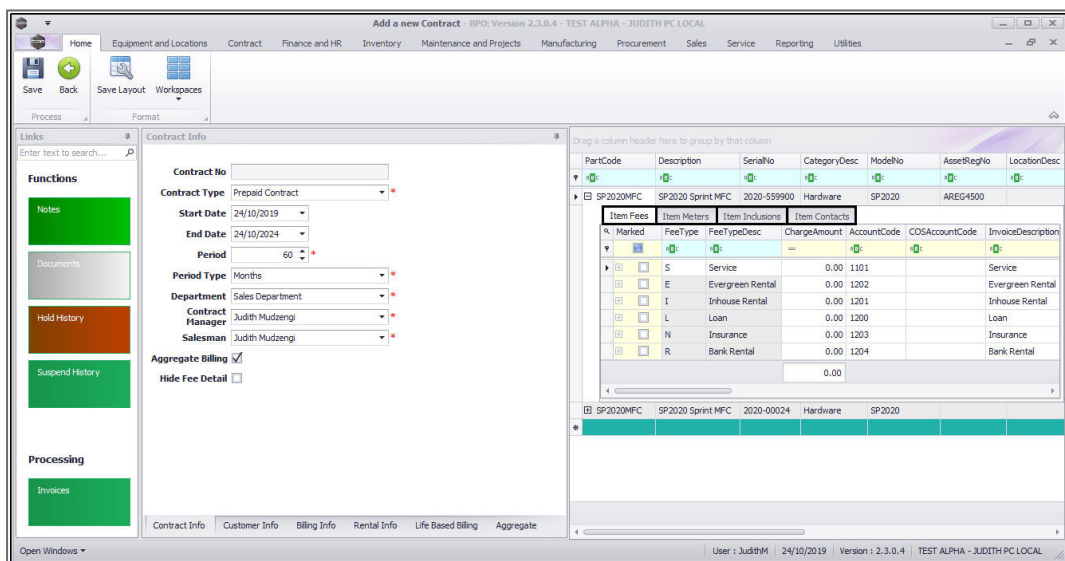
PART ITEMS FRAME

1. Click on the **expand** button in the row of a **Part** that you have linked to the contract.



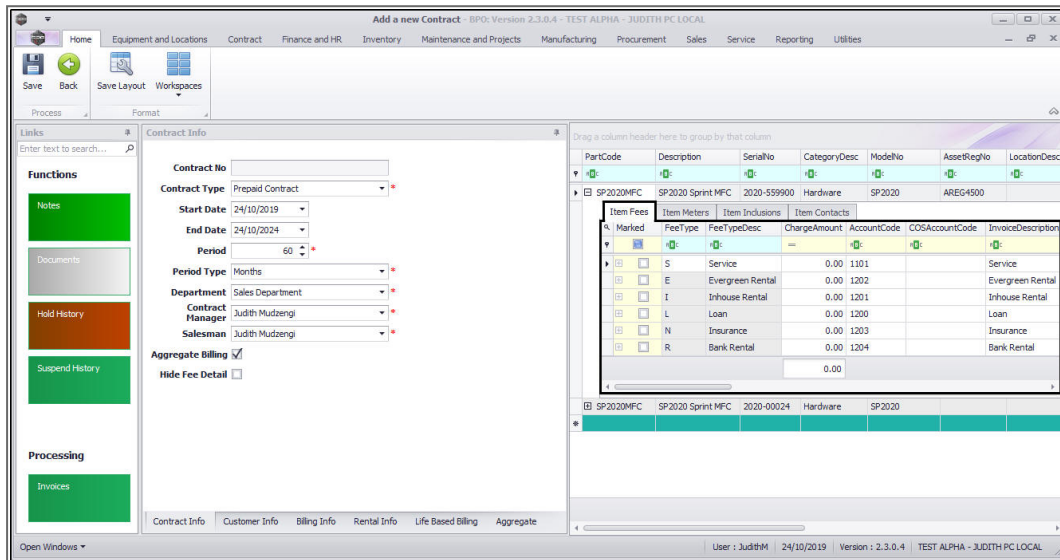
The **Item** frames will be expanded. Here you can add details of the:

- Fees
- Meters
- Inclusions and
- Contacts linked to the selected contract item.



ADD CONTRACT FEES

- The **Item Fees** tab is selected by default.
- If the contract has fees, set up the fees in this frame by following the steps outlined in the **item fees topic** if the fees are **non-aggregate** or **aggregate fees set up topic** if the fees are **aggregate**.



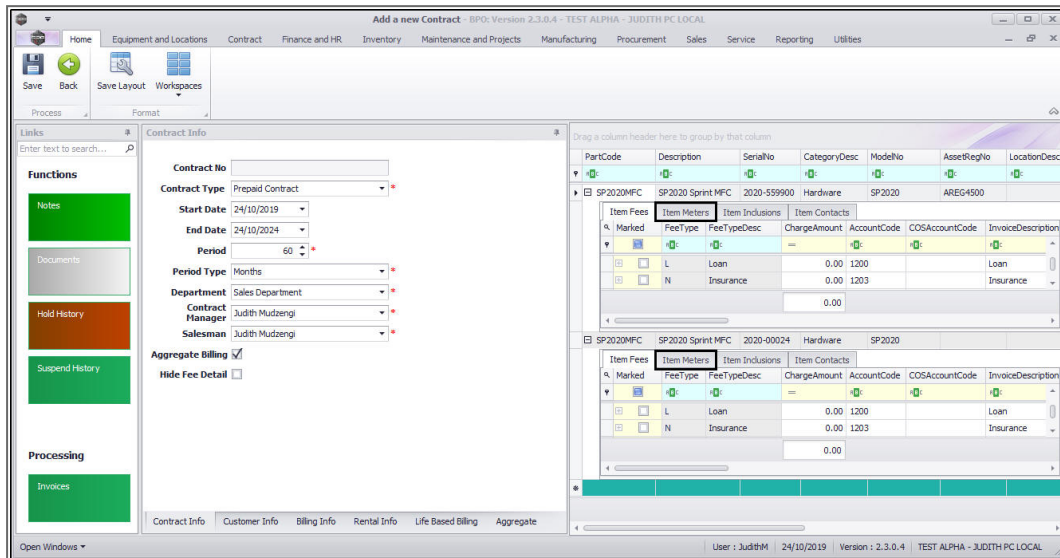
ADD CONTRACT METERS

Aggregate Meters Set Up

- For prepaid billing to work, aggregate billing should be set up first on meters that will be included in prepaid billing.
- This is important because once the prepaid portion of the contract expires, the contract switches to aggregate billing.
- Only meters that will be included in prepaid billing should be set up as aggregate.

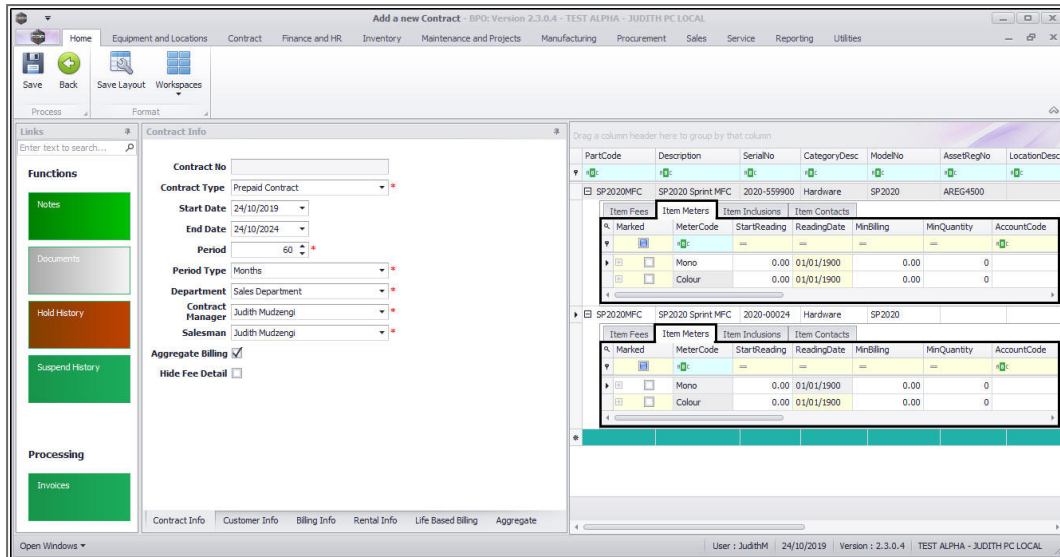
ITEM METERS FRAME

- Click on the **Item Meters** tab.



The **Item Meters** frame will be displayed.

- Note 1:** If there are **no** meters currently linked to the contract item, you can **complete** setting up the contract and link the meters and meter charges afterwards by following these 2 steps:
 - [Assign meters to the contract item](#)
 - [Add the meter charges to the contract item](#)
- Note 2:** To avoid linking up meters to items every time you want to add items on a contract, [link meters to the part codes](#) of the items. This way, when new items are received / adjusted into stores, they will already have meters linked to them. This will not apply to items that are already in stores prior to this step.



Contract Info

Contract No:

Contract Type: **Prepaid Contract**

Start Date: 24/10/2019

End Date: 24/10/2024

Period: 60

Period Type: Months

Department: Sales Department

Contract Manager: Judith Mudzengi

Salesman: Judith Mudzengi

Aggregate Billing ☒

Hide Fee Detail ☐

PartCode	Description	SerialNo	CategoryDesc	ModelNo	AssetRegNo	LocationDesc
SP2020MFC	SP2020 Sprint MFC	2020-559900	Hardware	SP2020	AREG4500	

Item Fees	Item Meters	Item Inclusions	Item Contacts
Marked	MeterCode	StartReading	ReadingDate
		MinBilling	MinQuantity
		AccountCode	
	Mono	0.00	01/01/1900
	Colour	0.00	01/01/1900

1. In the **Item Meters** frame, only populate the following fields for the meters that need to be aggregate:

- **Marked:** Select the item meters that need to be aggregate in the Item Meters frame e.g., if the Mono meter is aggregate, select the Mono meter on **all** contract items.
- **Start Reading:** Type in the start reading of the meter.
- **Reading Date:** Click in this text box to display the calendar function, use this to select the reading date.

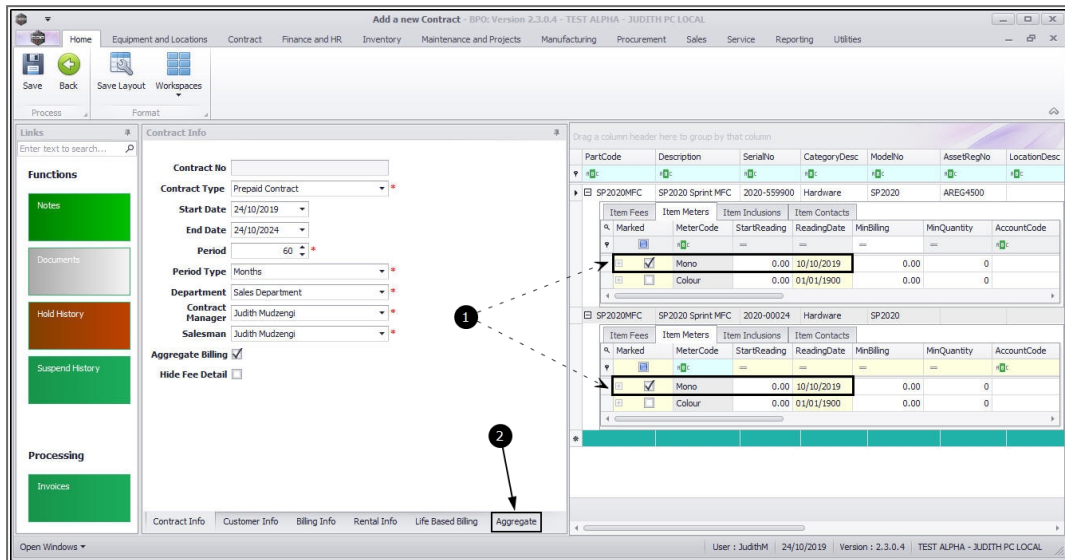
AGGREGATE BILLING PANEL

This is used when creating an Aggregate contract or Prepaid / Life Based contract.

- Note that the **Aggregate** tab is currently docked on the **left** side of the screen.
- Select the **Aggregate Billing** check box.
- The **Aggregate** tab will move to the bottom of the screen.

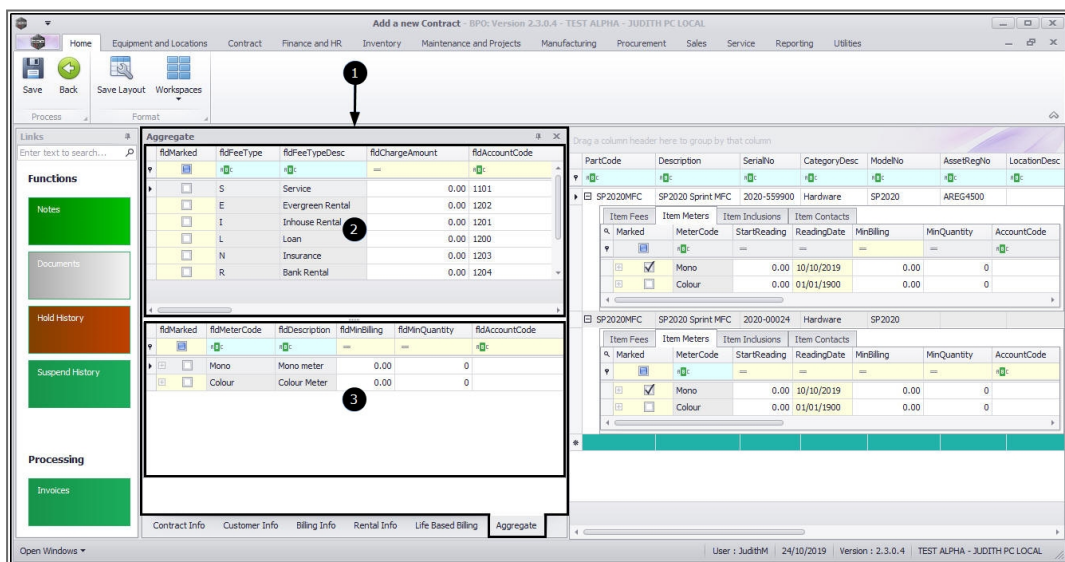
AGGREGATE METERS FRAME

2. Click on the **Aggregate** tab if this tab is currently closed.

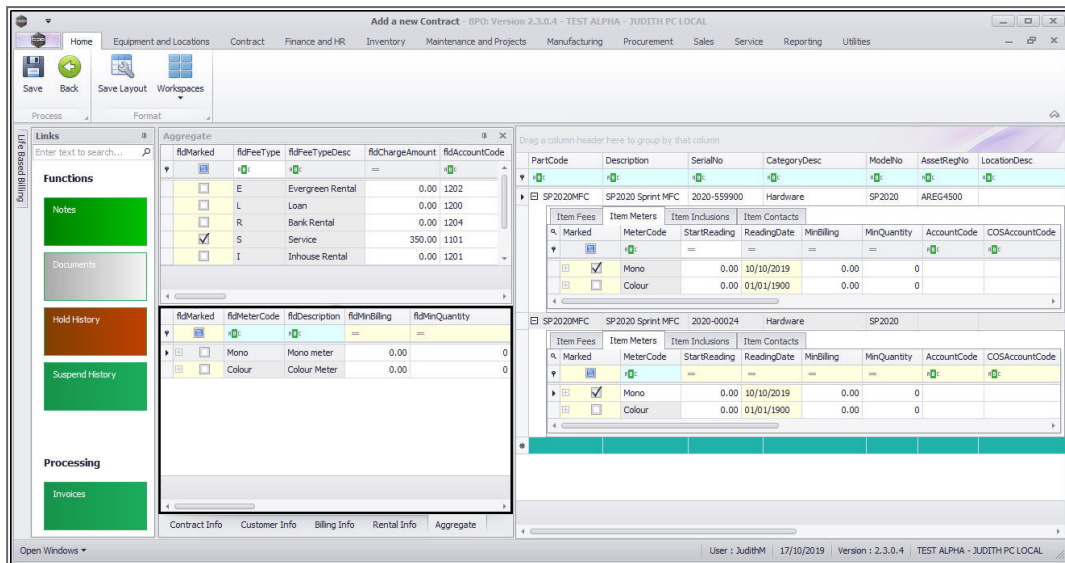


1. The **Aggregate** frame will expand and is divided into the following sections:

- **Fees** section
- **Meters** section

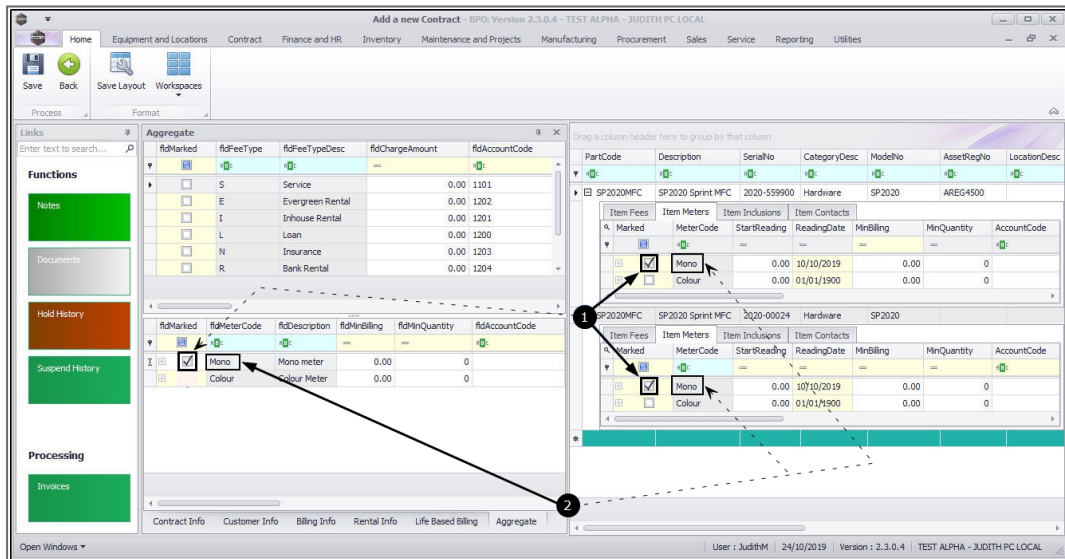


- Go to the **Aggregate Meters** section.

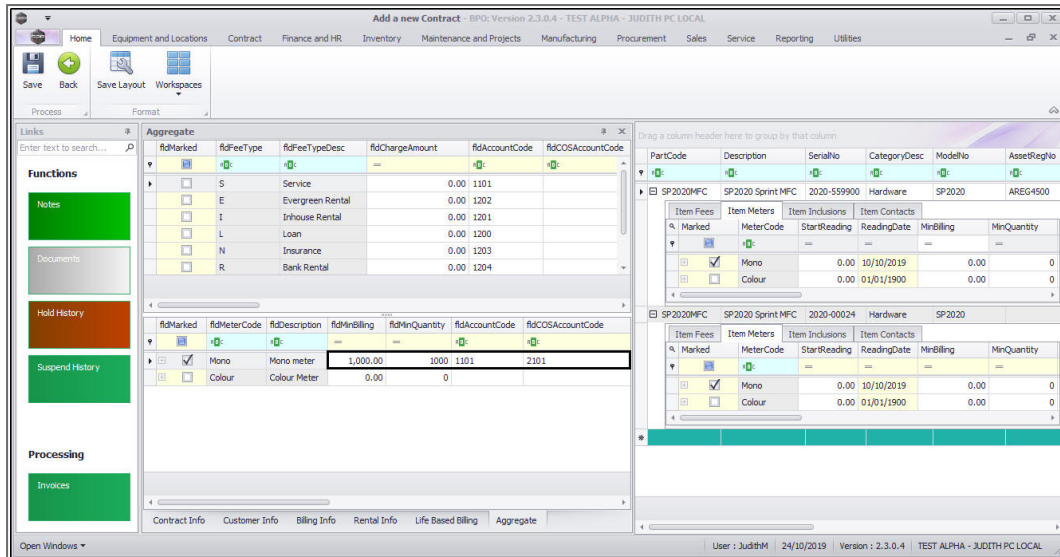


Populate the following fields:

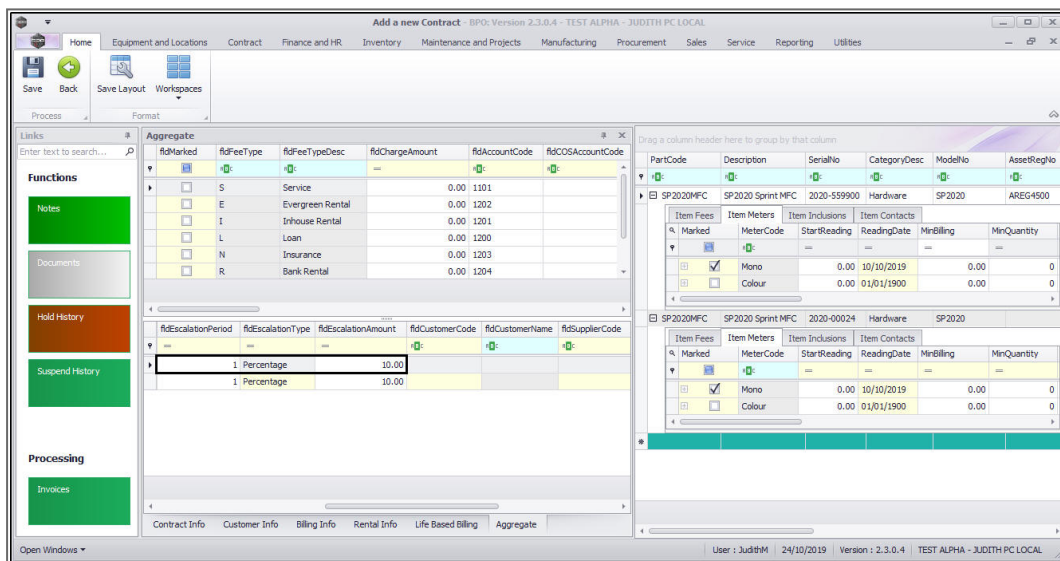
1. **Marked:** Select the same meter type, as you selected in the **Item Meters** frame.
2. In this image the **Mono** meter has been selected.



- **Min Billing:** Type in the minimum billing amount.
 - In this case, minimum billing is global per meter type. This means a fixed price is charged on the sum of all copies made (from **0** up to and including the Minimum Quantity) per meter type on all contract items included in prepaid billing.
 - For example - in this image, a minimum billing fee of R1000 for a minimum quantity of 1000 copies on a mono meter means R1000 will be charged if the sum of mono meter copies made on serial numbers - **2020-559900** and **2020-00024** is any value from **0** up to and including **1000**.
 - If no minimum billing should be applied, leave the MinBilling and MinQuantity fields as **0**.
 - For a more detailed explanation, read the **important note on Minimum Billing and Meter Charge Setup**.
- **Min Quantity:** Type in the minimum quantity (the copies that are included in the minimum billing amount).
- **Account Code:** Type in the sales account code for these meter charges to post to.
- **COS Account Code:** Type in the cost of sale account code where this fee should be posted to.



- **Escalation Period, Escalation Type and Escalation Amount:**
These will auto populate. Click in the text boxes, and amend the details if required.

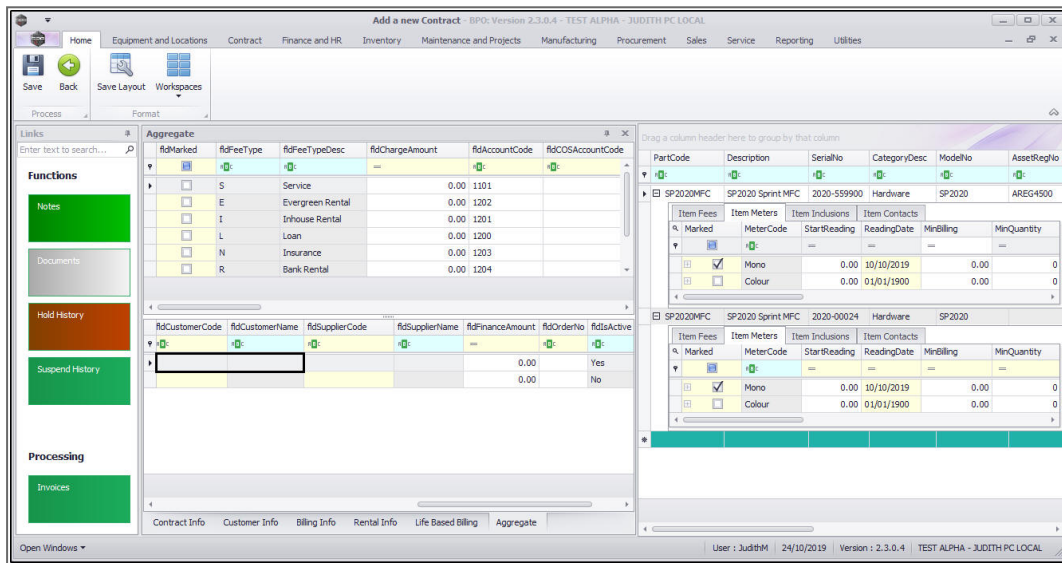


Scroll right until you can view the remaining columns in this frame.

- **Customer Code and Customer Name:**
 - Only populate these **2** fields if another party (a separate billing customer) is going to pay the for the

charges on behalf of the customer.

- If these fields are left blank, **BPO** will bill the customer linked to the contract.
 - **Note 1:** BPO only supports different billing customers on an aggregate / prepaid contract from **v2.3.0.4**.
 - **Note 2:** Follow the next **4** screenshots **only** if you wish to link another party as the billing customer.



The screenshot displays the 'Add a new Contract' window in the BPO software. The interface includes a top menu bar with options like Home, Equipment and Locations, Contract, Finance and HR, Inventory, Maintenance and Projects, Manufacturing, Procurement, Sales, Service, Reporting, and Utilities. Below the menu is a toolbar with Save, Back, Save Layout, and Workspaces buttons. The main area is divided into several sections:

- Links:** A search bar and a list of functions including Notes, Documents, Hold History, Suspend History, and Processing (Invoices).
- Aggregate Table:** A table with columns: RfdMarked, RfdFeeType, RfdFeeTypeDesc, RfdChargeAmount, RfdAccountCode, and RfdCOSAccountCode. It lists various fee types like Service, Evergreen Rental, Inhouse Rental, Loan, Insurance, and Bank Rental with their respective amounts and codes.
- Customer Information Table:** A table with columns: RfdCustomerCode, RfdCustomerName, RfdSupplierCode, RfdSupplierName, RfdFinanceAmount, RfdOrderNo, and RfdIsActive. It shows a single entry for a customer with a finance amount of 0.00 and an active status.
- Item Details Table:** A table with columns: PartCode, Description, SerialNo, CategoryDesc, ModelNo, and AssetRegNo. It lists items like 'SP 2020 Sprint MFC' and '2020-559900' with their categories and model numbers.
- Item Fees Table:** A table with columns: Item Fees, Item Meters, Item Inclusions, Item Contacts, MinBilling, and MinQuantity. It shows details for 'Mono' and 'Colour' items with their respective meter codes, start readings, reading dates, and billing quantities.

The bottom of the window shows a status bar with the user name 'JudithM', the date '24/10/2019', the version '2.3.0.4', and the text 'TEST ALPHA - JUDITH PC LOCAL'.

- **Customer Code:**
 - Click in the **Customer Code** text box.

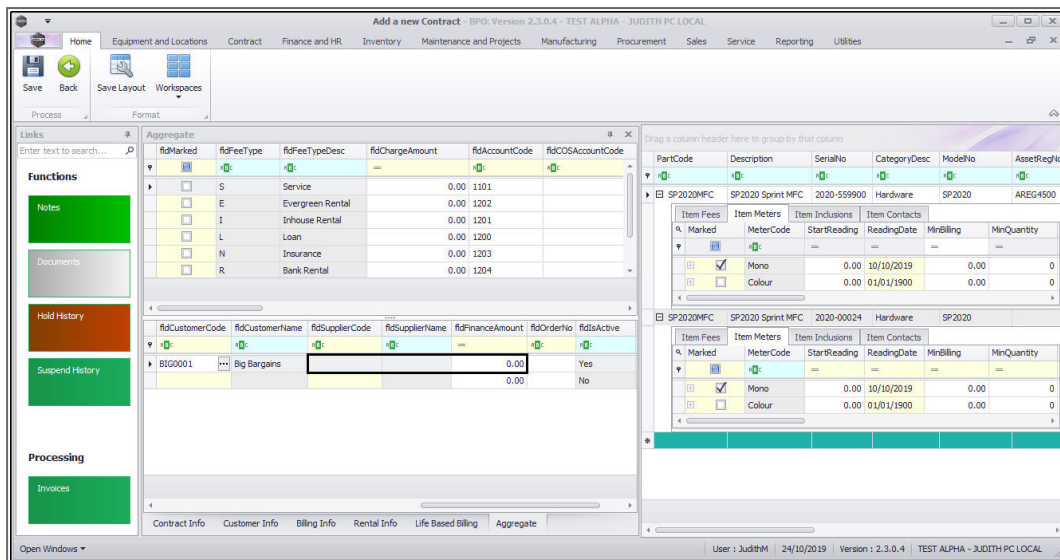
- An **Ellipsis** button will be revealed.
- Click on this button to display the **Select a billing customer** pop up screen.

- Select the **row** of the **Billing customer** that you wish to **link** to this **contract**.
- Click on **Ok**.

- **Customer Name:** Once you have selected the customer code, the customer name will auto populate with the customer name linked to that code on the system.

- **Supplier Code, Supplier Name and Finance Amount:** These fields should only be populated if there is a **Back to Back Deal** with a third party who is set up in **BPO** as a **Supplier**.

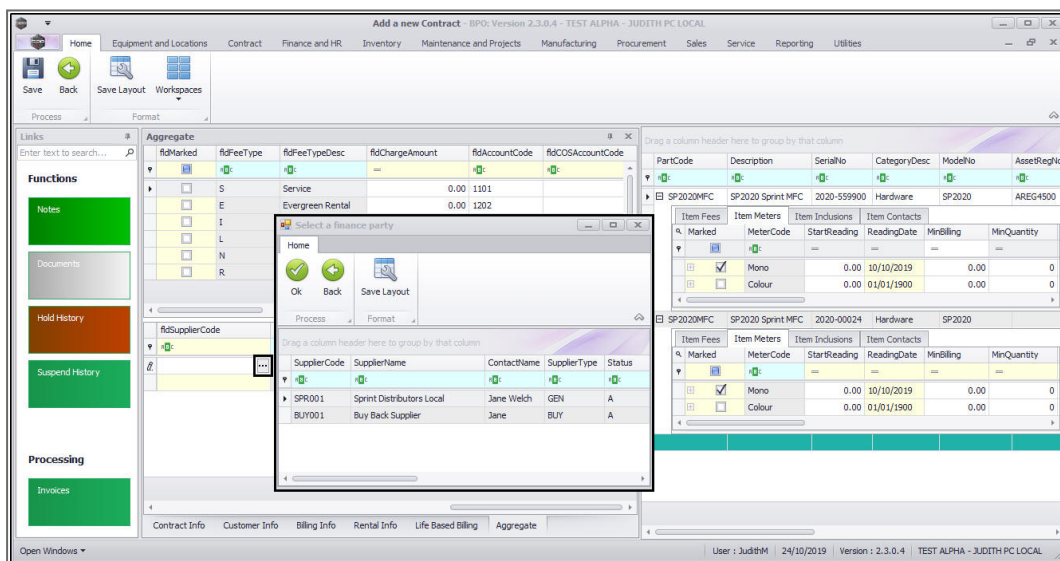
Follow the next **5** screenshots **only** if you wish to link a supplier here.



fIdMarked	fIdFreeType	fIdFreeTypeDesc	fIdChargeAmount	fIdAccountCode	fIdCOSAAccountCode
	S	Service	0.00	1101	
	E	Evergreen Rental	0.00	1202	
	I	Inhouse Rental	0.00	1201	
	L	Loan	0.00	1200	
	N	Insurance	0.00	1203	
	R	Bank Rental	0.00	1204	

fIdCustomerCode	fIdCustomerName	fIdSupplierCode	fIdSupplierName	fIdFinanceAmount	fIdOrderNo	fIdzActive
BIG0001	Big Bargains			0.00		Yes
				0.00		No

- **Supplier Code:**
 - Click on the **Supplier Code** text box to reveal an **Ellipsis** button.
 - Click on this button to display the **Select a finance party** pop up screen.



Supplier Code	Supplier Name	Contact Name	Supplier Type	Status
SPR001	Sprint Distributors Local	Jane Welch	GEN	A
BUY001	Buy Back Supplier	Jane	BUY	A

- Select the **row selector** of the **Supplier** that you wish to **link** to this **item meter**.

- Click on **Ok**.

The screenshot shows the 'Add a new Contract' window with the 'Select a finance party' dialog box open. The dialog box has a table with the following data:

Supplier Code	Supplier Name	Contact Name	Supplier Type	Status
SPR001	Sprint Distributors Local	Jane Welch	GEN	A
BUY001	Buy Back Supplier	Jane	BUY	A

The 'Ok' button is highlighted in the dialog box.

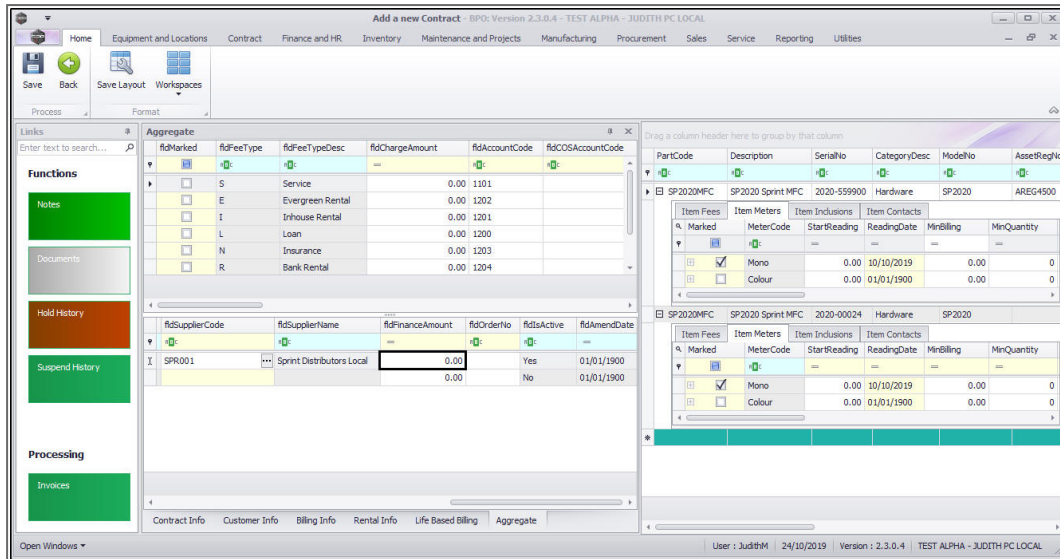
- **Supplier Name:** This will auto populate once the supplier code has been selected.

The screenshot shows the 'Add a new Contract' window with the 'Aggregate' tab selected. The 'Aggregate' tab displays a table with the following data:

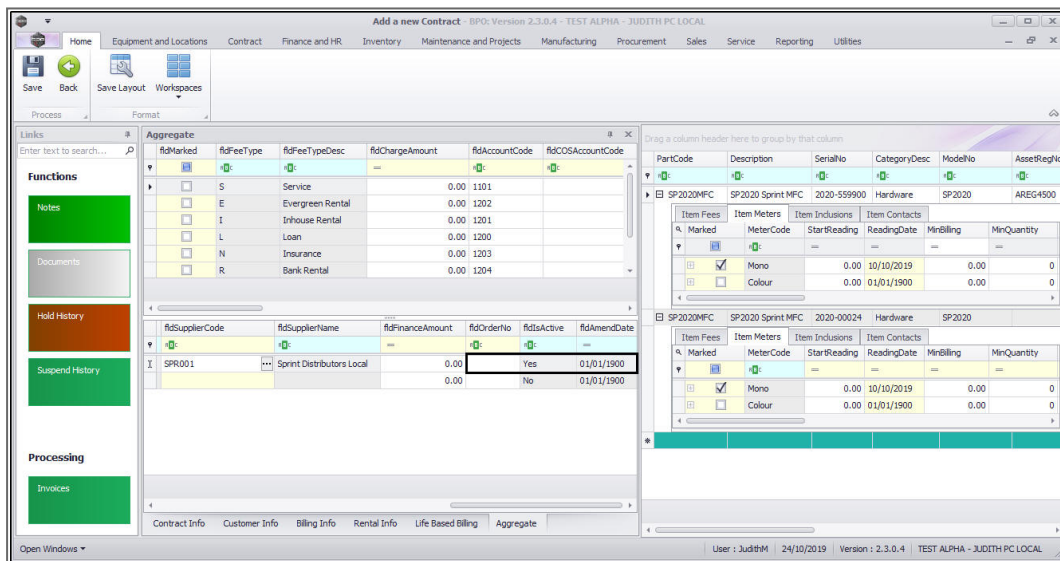
fdidMarked	fdidFeeType	fdidFeeTypeDesc	fdidChargeAmount	fdidAccountCode	fdidCOSAccountCode
☒	S	Service	0.00	1101	
☐	E	Evergreen Rental	0.00	1202	
☐	I	Inhouse Rental	0.00	1201	
☐	L	Loan	0.00	1200	
☐	N	Insurance	0.00	1203	
☐	R	Bank Rental	0.00	1204	

The 'SPR001' supplier code is selected in the 'fdidSupplierCode' field, and the 'Sprint Distributors Local' name is auto-populated in the 'fdidSupplierName' field.

- **Finance Amount:** Click in this text box and either type in or use the arrow indicators to select the finance amount.

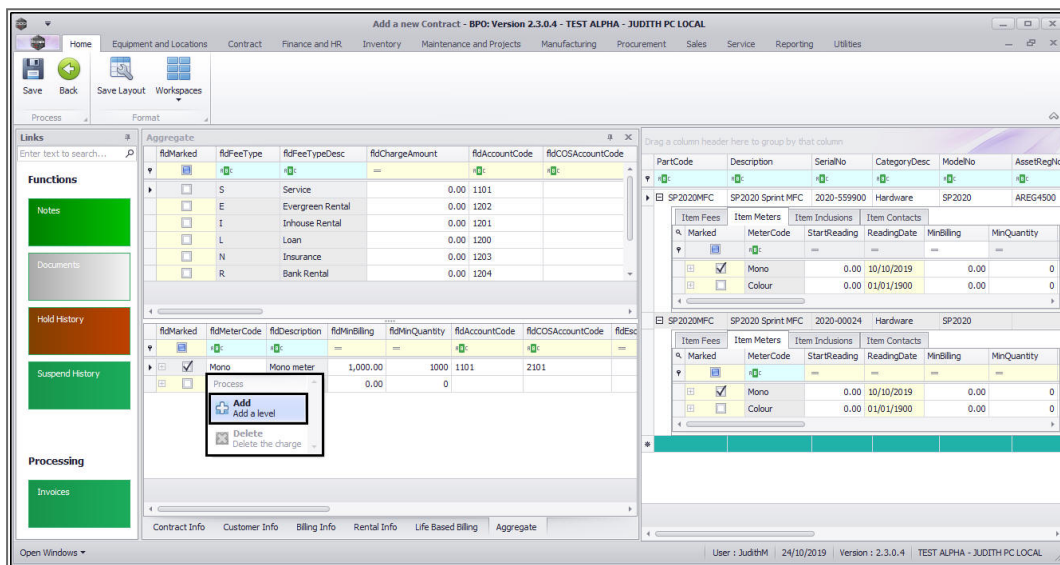


- **Order No:** Type in a customer order number relevant to this item, if required.
- **Is Active:** This field is set to **Yes** (Active) once you have clicked on the Marked checkbox.
- **Amend Date:** This field cannot be edited.



Add Meter Levels

- **Scroll left** to return to the **Marked** column.
- **Right click** in the **row** of the **item** you wish to **add a meter level** to. The item should be active (marked).
 - In this image the **Mono** meter has been selected.
- A **Process** menu will pop up.
- Click on **Add** - Add a level.

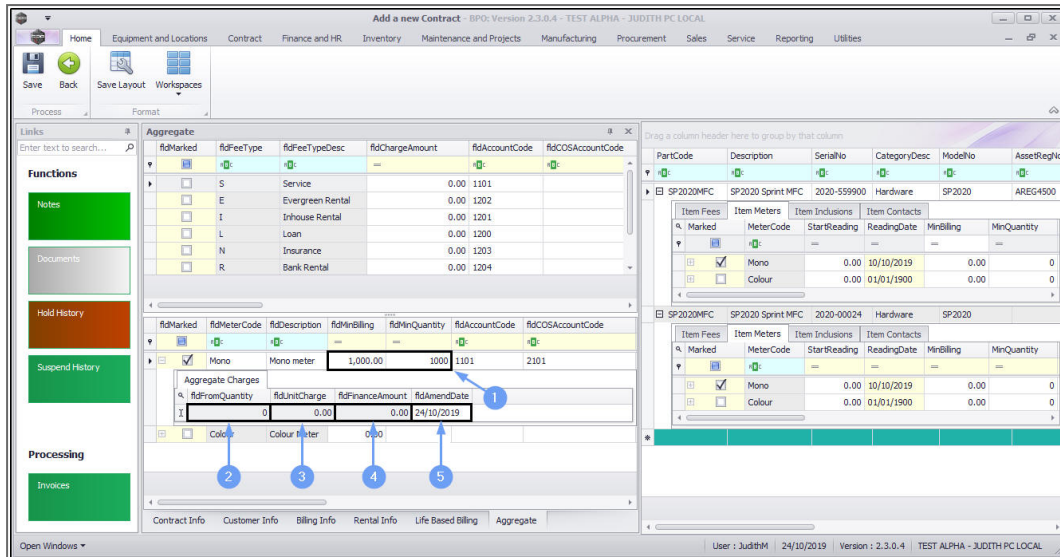


Add Meter Levels -

For a Meter with Minimum Billing

- The **Aggregate Charges** frame will be expanded.
 1. For this mono meter, there is a minimum billing set up of a R1000 charge for the first combined 1000 copies (Minimum Quantity) made on all contract items included in aggregate billing. BPO calculates the usage charges by first calculating the minimum billing set up.

- In this example, it means in BPO, a fixed charge of R1000 will be charged for any number of mono copies made across all machines (total usage) included in aggregate billing from 0 up to and including 1000, thereafter a unit charge per copy will be applied ie from 1001.
2. **From Quantity:** This is the number from which the unit charge will be effective.
 - The first row in the **Meter Charges matrix**, is static at 0. This means if there is minimum billing set up on the meter, the **first** row looks incorrect as the **From Quantity** field is static at 0.
 - If there is minimum billing set up on the meter, **BPO** does not read the **From Quantity** in the first row as 0 (although it displays as 0) but starts counting from (**Minimum Quantity + 1**). In this case, since (minimum billing level) is up to and including 1000, **BPO** will start counting from 1001.
 - For a more detailed explanation, read this [important note on Minimum Billing and Meter Charge Setup](#).
 3. **Unit Charge:** Type in the unit charge for the meter (charge per copy when Minimum Quantity is exceeded).
 4. **Finance Amount:** This should only be populated if there is a [Back to Back Deal](#) with a third party who is set up on **BPO** as a [Supplier](#).
 5. **Amend Date:** This is field cannot be edited.



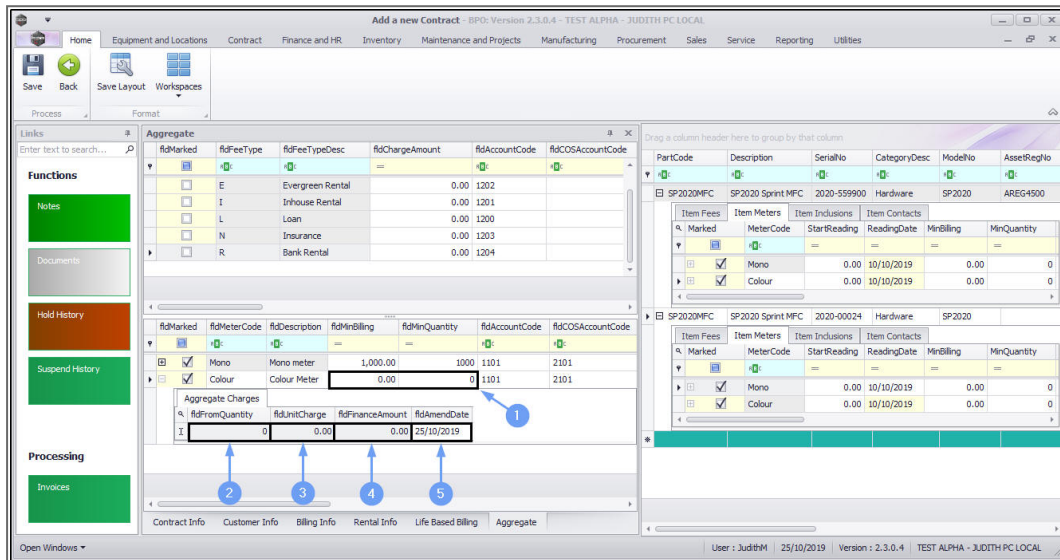
The screenshot shows the 'Add a new Contract' window in the CO3 software. The 'Aggregate' tab is selected, showing a table of charges. A blue circle '1' points to the 'Aggregate Charges' section. Below this, there are four input fields labeled 'From Quantity', 'Unit Charge', 'Finance Amount', and 'End Date', which are pointed to by blue circles '2', '3', '4', and '5' respectively. The 'From Quantity' field is set to 0, 'Unit Charge' to 0.00, 'Finance Amount' to 0.00, and 'End Date' to 24/10/2019. The 'Colour' meter is selected in the 'Meter Code' dropdown.

- You can add additional charge levels.

ADD METER LEVELS – METER WITH NO MINIMUM BILLING

- The **Aggregate Charges** frame will be expanded.
 - Note:** The **Colour** meter will be used as an example.
- There is no minimum billing set up on this meter. This means the usage calculation will only be based on what is set up in the **Aggregate Charges** matrix.
 - From Quantity:** This is the number from which the unit charge will be effective.
 - The first row in the **Meter Charges** matrix, is static at 0.
 - For a more detailed explanation, read this [important note on Minimum Billing and Meter Charge Setup](#).

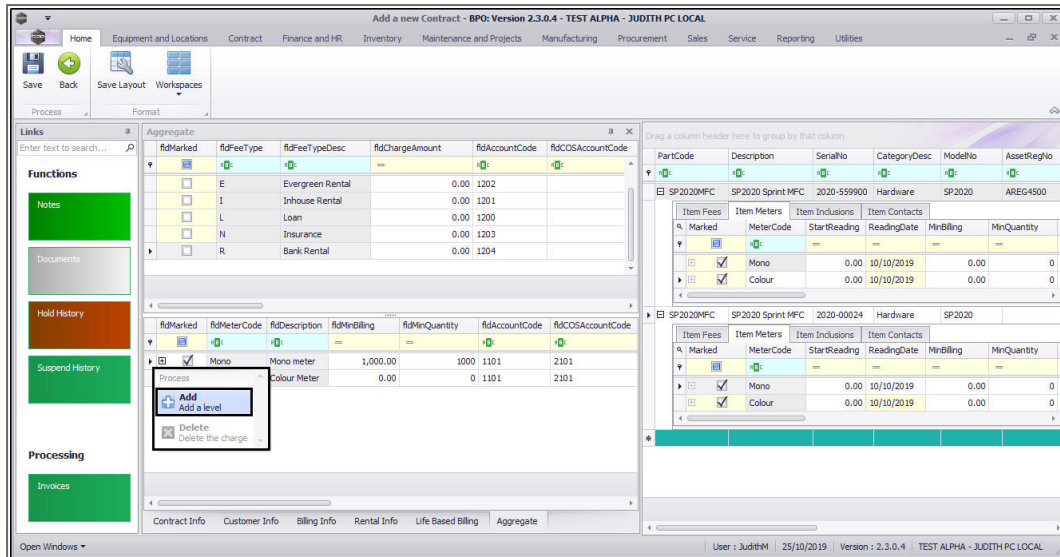
3. **Unit Charge:** Type in the unit charge for the meter (charge per copy).
4. **Finance Amount:** This should only be populated if there is a **Back to Back Deal** with a third party who is set up on **BPO** as a **Supplier**.
5. **Amend Date:** This is field cannot be edited.



- You can add **additional charge levels**.

ADDITIONAL CHARGE LEVEL

- **Right click** anywhere in the **row** of the **item** that you wish to add **another meter level** to. (You can do this whilst the aggregate charges matrix is open / closed).
 - **Note:** The **Mono** meter will be used as an example.
- The **Process** menu will pop up again.
- Click on **Add** - Add a level.



- A **second level** has now been added to the **Aggregate Charges** matrix.
 - **From Quantity:** Type in or use the arrow indicators to select the number of copies from which this charge will be effective.
 - **Unit Charge:** Type in or use the arrow indicators to select the unit charge for this additional meter (charge per copy). This charge will usually increase with each new level.
 - **Finance Amount:** This should only be populated if there is a **Back to Back Deal** with a third party who is set up on **BPO** as a **Supplier**.
 - **Amend Date:** This is field cannot be edited.
 - Repeat this process to add more meter charges as required.

The screenshot shows the 'Add a new Contract' window with the 'Aggregate' frame open. The frame contains a table with columns: fIdMeterCode, fIdFreeType, fIdFreeTypeDesc, fIdChargeAmount, fIdAccountCode, and fIdCOSAccountCode. The table lists various charges such as Evergreen Rental, Inhouse Rental, Loan, Insurance, and Bank Rental. The 'Life Based Billing' tab is selected in the bottom navigation bar.

- When you have finished working in the **Aggregate Charges** frame, click on the **Hide** button to close the frame.

This screenshot is identical to the one above, showing the 'Add a new Contract' window with the 'Aggregate' frame open and the 'Life Based Billing' tab selected.

LIFE BASED BILLING PANEL

This is used when creating a Prepaid / Life Based contract.

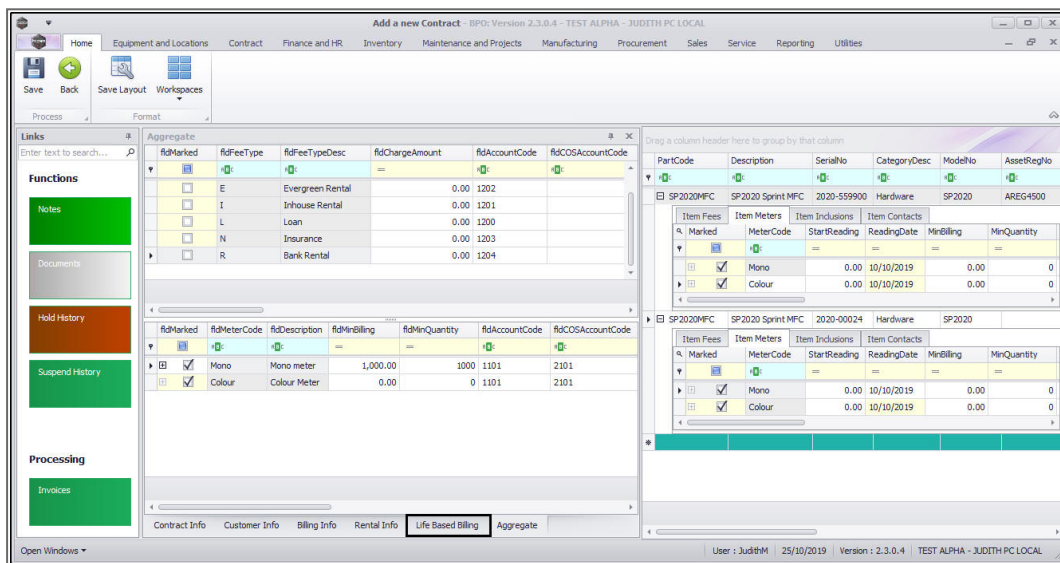
- Before you select the Contract Type, you will note that the **Life Based Billing** tab is currently docked on the **left** side of the

screen.

- In the **Contract Type** field, **Prepaid Contract** must be selected from the drop-down menu.
- After selecting the **Prepaid Contract** option, the **Life Based Billing** tab will move to the bottom of the screen.

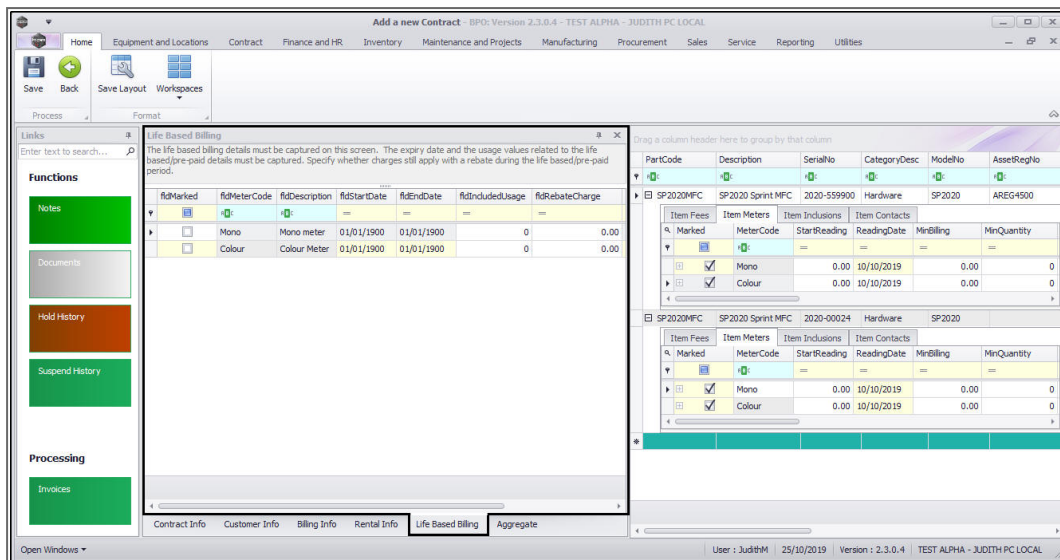
PREPAID METERS SETUP

- Click on the **Life Based Billing** tab.

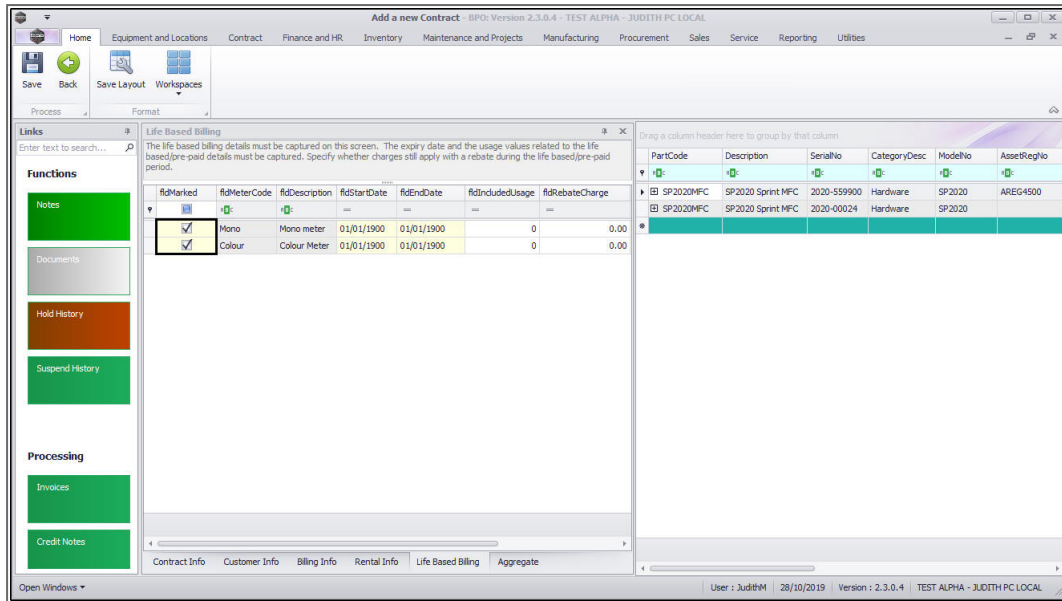


fIdMeterCode	fIdDescription	fIdMinQuantity	fIdAccountCode	fIdCOSAccountCode
1	Mono meter	1,000.00	1101	2101
2	Colour Meter	0.00	1101	2101

- The **Life Based Billing** frame will be expanded.
- This is where the prepaid meter usage limit and duration are set.



- **Marked:** Click on the check box in front of the meter type(s) which should be included in prepaid billing.
 - In this image the **Mono and Colour** meters have been selected.
 - **Note 1:** Select the same meter type(s) as you selected in the **Aggregate Frame**.
 - **Note 2:** On a contract item with different meter types e.g., mono and colour meters, its possible to have only one meter type on prepaid billing (e.g., mono meter) while the other meter type (e.g., colour meter) is on **standard billing**.



Life Based Billing

The life based billing details must be captured on this screen. The expiry date and the usage values related to the life based/pre-paid details must be captured. Specify whether charges still apply with a rebate during the life based/pre-paid period.

fidMarked	fidMeterCode	fidDescription	fidStartDate	fidEndDate	fidIncludedUsage	fidRebateCharge
☒	Mono	Mono meter	01/01/1900	01/01/1900	0	0.00
☒	Colour	Colour Meter	01/01/1900	01/01/1900	0	0.00

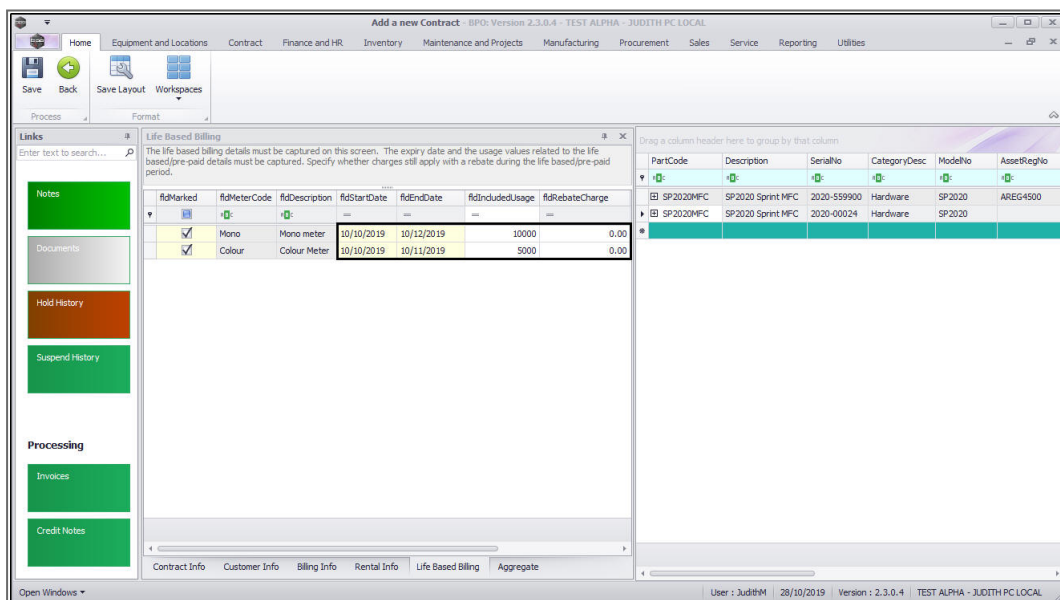
PartCode	Description	SerialNo	CategoryDesc	ModelNo	AssetRegNo
SP 2020MFC	SP 2020 Sprint MFC	2020-559900	Hardware	SP 2020	AREG4500
SP 2020MFC	SP 2020 Sprint MFC	2020-00024	Hardware	SP 2020	

Contract Info Customer Info Billing Info Rental Info Life Based Billing Aggregate

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- The expiry of the prepaid portion of the contract is determined either by duration or usage (whichever comes first).
- The **Start** and **End Date** determines the duration of the prepaid portion of the contract. If the duration lapses first before the included usage is exceeded, the prepaid portion for that meter type expires.
- The **Included Usage** is the total usage per meter type included in the prepaid portion of the contract. If this value is exceeded first before the duration lapses, the prepaid portion for that meter type expires.
 - **Start Date:** Click on the drop-down arrow and use the calendar function to select the correct start date of the prepaid portion of the contract for the selected meter type.
 - **Note 1:** The **Start Date** for different meter types on the same contract does not necessarily have to be the same.

- **Note 2:** The **Start Date** does not necessarily have to be the same with the **Reading Date** in the **Items Frame**.
- **End Date:** Click on the drop-down arrow and use the calendar function to select the correct end date of the prepaid portion of the contract for the selected meter type.
 - **Note:** The **End Date** for different meter types on the same contract does not necessarily have to be the same.
- **Included Usage:** Type in the total usage included in the prepaid portion of the contract for the selected meter type.
 - **Note:** The **Included Usage** for different meter types on the same contract does not necessarily have to be the same.
- **Rebate Charges:** Type in the salesman's commission if applicable. This does not affect billing in any way.



Life Based Billing

The life based billing details must be captured on this screen. The expiry date and the usage values related to the life based/pre-paid details must be captured. Specify whether charges still apply with a rebate during the life based/pre-paid period.

fdtMarked	fdtMeterCode	fdtDescription	fdtStartDate	fdtEndDate	fdtIncludedUsage	fdtRebateCharge
☒	Mono	Mono meter	10/10/2019	10/12/2019	10000	0.00
☒	Colour	Colour Meter	10/10/2019	10/11/2019	5000	0.00

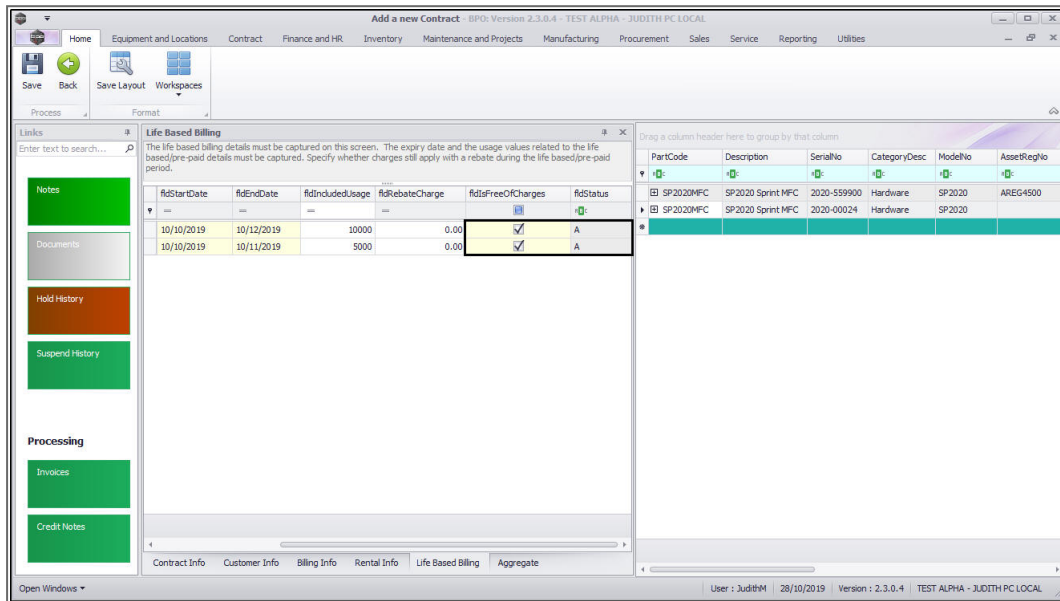
Items Frame

PartCode	Description	SerialNo	CategoryDesc	ModelNo	AssetRegNo
SP 2020MFC	SP 2020 Sprint MFC	2020-559900	Hardware	SP 2020	AREG4500
SP 2020MFC	SP 2020 Sprint MFC	2020-00024	Hardware	SP 2020	

Contract Info Customer Info Billing Info Rental Info Life Based Billing Aggregate

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- **Scroll right** to view the remaining columns.
 - **Free Of Charges:** This will be selected by default. This should always be selected for meters included in pre-paid billing.
 - **Status:** This is a static field and defaults as A - Active.

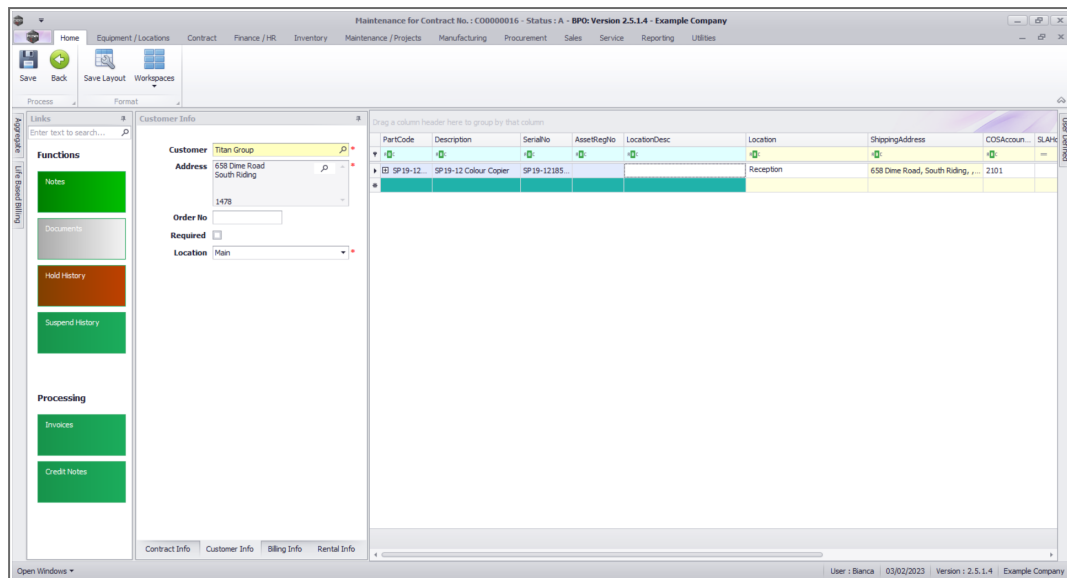


fIdStartDate	fIdEndDate	fIdIncludedUsage	fIdRebateCharge	fIdFreeOfCharges	fIdStatus
10/10/2019	10/12/2019	10000	0.00	☒	A
10/10/2019	10/11/2019	5000	0.00	☒	A

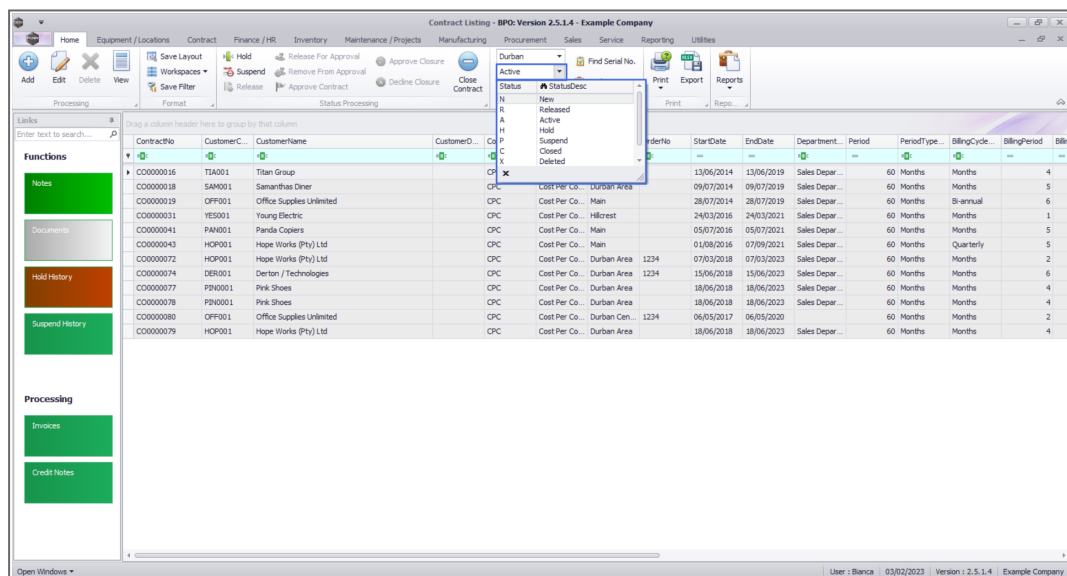
PartCode	Description	SerialNo	CategoryDesc	ModelNo	AssetRegNo
SP2020MFC	SP2020 Sprint MFC	2020-559900	Hardware	SP2020	AREG4500
SP2020MFC	SP2020 Sprint MFC	2020-00024	Hardware	SP2020	

SAVE THE CONTRACT

- When you are done, click on **Save**.



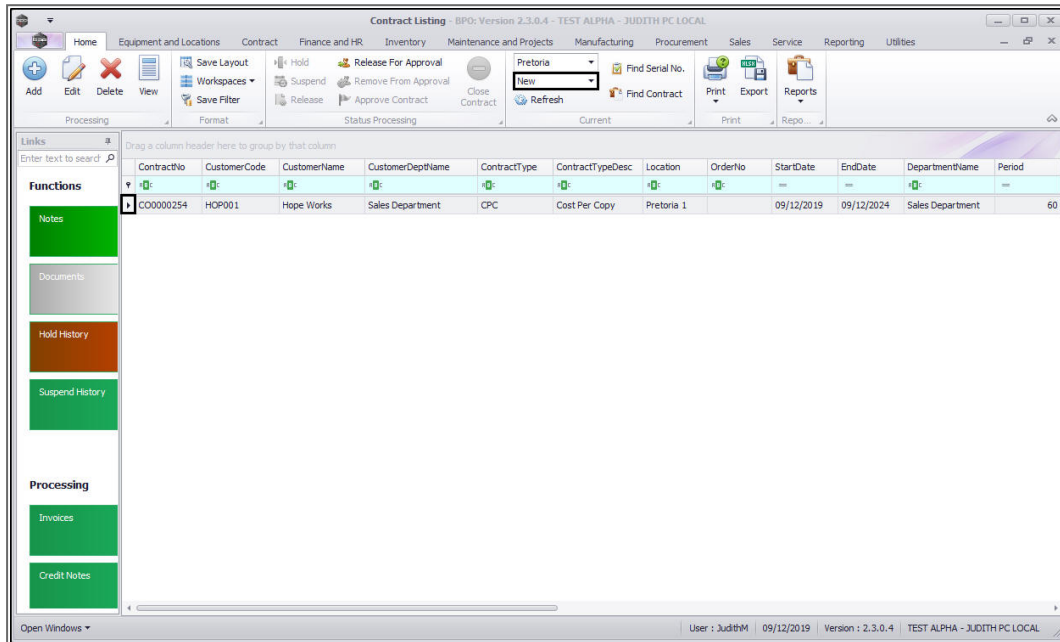
- The contract will be **saved** and you will return to the **Contract Listing** screen where the status defaults to **Active**, or will be set to the Status you last selected.
- Click on the **drop-down arrow** in the **Status** field and select the relevant status.



ContractNo	CustomerC	CustomerName	CustomerID	Status	StartDate	EndDate	Department	Period	PeriodType	BillingCycle	BillingPeriod
C00000016	TIA001	Titan Group		Active	13/06/2014	13/06/2019	Sales Depart...	60 Months	Months		4
C00000018	SAH001	Samanthas Diner		Active	09/07/2014	09/07/2019	Sales Depart...	60 Months	Months		5
C00000019	OFF001	Office Supplies Unlimited		Active	28/07/2014	28/07/2019	Sales Depart...	60 Months	Bi-annual		6
C00000031	YES001	Young Electric		Active	24/03/2016	24/03/2021	Sales Depart...	60 Months	Months		1
C00000041	PAN001	Panda Copiers		Active	05/07/2016	05/07/2021	Sales Depart...	60 Months	Months		5
C00000043	HCP001	Hope Works (Pty) Ltd		Active	01/08/2016	07/09/2021	Sales Depart...	60 Months	Quarterly		5
C00000072	HCP001	Hope Works (Pty) Ltd		Active	07/03/2018	07/03/2023	Sales Depart...	60 Months	Months		2
C00000074	DER001	Derton / Technologies		Active	15/06/2018	15/06/2023	Sales Depart...	60 Months	Months		6
C00000077	PIN0001	Pink Shoes		Active	18/06/2018	18/06/2023	Sales Depart...	60 Months	Months		4
C00000078	PIN0001	Pink Shoes		Active	18/06/2018	18/06/2023	Sales Depart...	60 Months	Months		4
C00000080	OFF001	Office Supplies Unlimited		Active	06/05/2017	06/05/2020	Sales Depart...	60 Months	Months		2
C00000079	HCP001	Hope Works (Pty) Ltd		Active	18/06/2018	18/06/2023	Sales Depart...	60 Months	Months		4

- **New** contracts can be found within the **New** contract status listing screen.

- From here, the contract will need to be **Released** and then **Approved** before it becomes active.
- **Edited** contracts may either remain in **Active** status or move to **Released** status in order for changes to be reviewed before **Approval** depending on the change made.



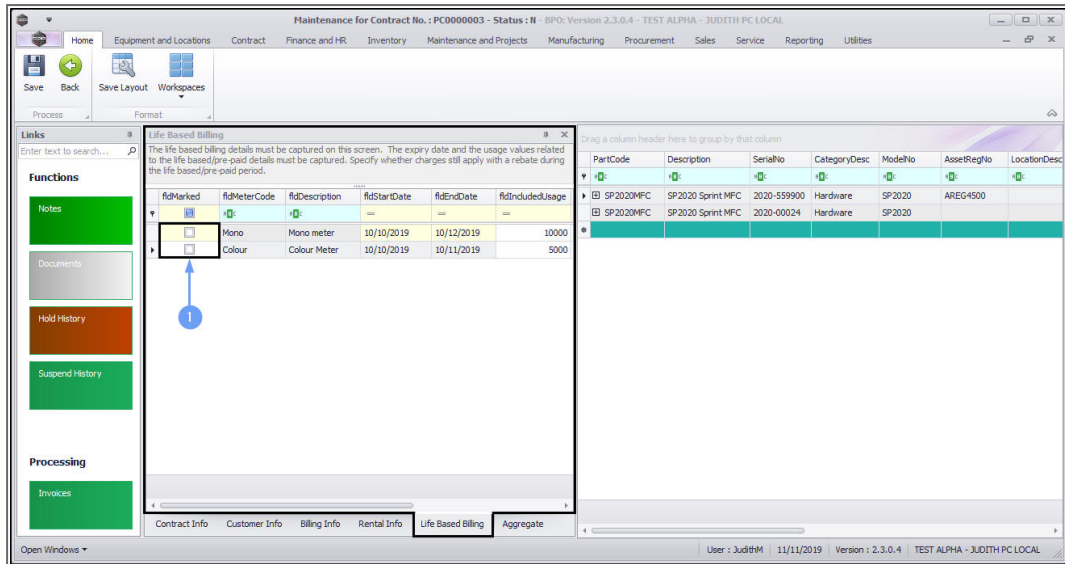
The screenshot shows the 'Contract Listing' application window. The title bar indicates 'BPO: Version 2.3.0.4 - TEST ALPHA - JUDITH PC LOCAL'. The interface includes a top menu bar with options like Home, Equipment and Locations, Contract, Finance and HR, Inventory, Maintenance and Projects, Manufacturing, Procurement, Sales, Service, Reporting, and Utilities. Below the menu is a toolbar with buttons for Add, Edit, Delete, View, Save Layout, Workspaces, Save Filter, Hold, Suspend, Release, Release For Approval, Remove From Approval, Approve Contract, Close Contract, Refresh, Find Serial No., Find Contract, Print, Export, and Reports. A left sidebar contains 'Functions' (Notes, Documents, Hold History, Suspend History) and 'Processing' (Invoices, Credit Notes). The main area displays a table with the following data:

ContractNo	CustomerCode	CustomerName	CustomerDeptName	ContractType	ContractTypeDesc	Location	OrderNo	StartDate	EndDate	DepartmentName	Period
CO0000254	HOP001	Hope Works	Sales Department	CPC	Cost Per Copy	Pretoria 1		09/12/2019	09/12/2024	Sales Department	60

The status bar at the bottom shows 'User: JudithM | 09/12/2019 | Version: 2.3.0.4 | TEST ALPHA - JUDITH PC LOCAL'.

IMPORTANT NOTES

- When the duration / meter usage limit is about to be reached or is reached, based on billing run **meter reading captures**, an email is sent to the customer account manager via the **BPO Prepaid Contract Manager** console application. The customer account manager can review the contract if applicable.
 1. Once the prepaid portion of the contract expires, the prepaid meter(s) will be **unticked** automatically



Life Based Billing

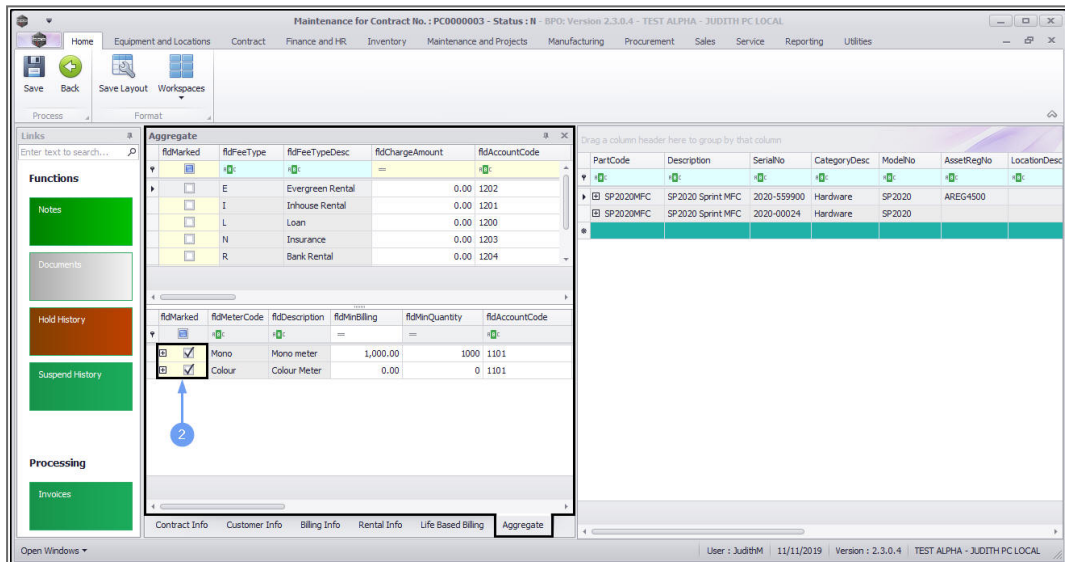
The life based billing details must be captured on this screen. The expiry date and the usage values related to the life based/pre-paid details must be captured. Specify whether charges still apply with a rebate during the life based/pre-paid period.

fIdMeterCode	fIdDescription	fIdStartDate	fIdEndDate	fIdIncludedUsage
Mono	Mono meter	10/10/2019	10/12/2019	10000
Colour	Colour Meter	10/10/2019	10/11/2019	5000

Contract Info Customer Info Billing Info Rental Info **Life Based Billing** Aggregate

User: Judi#MM | 11/11/2019 | Version: 2.3.0.4 | TEST ALPHA - JUDITH PC LOCAL

2. and aggregate billing will commence.



Aggregate

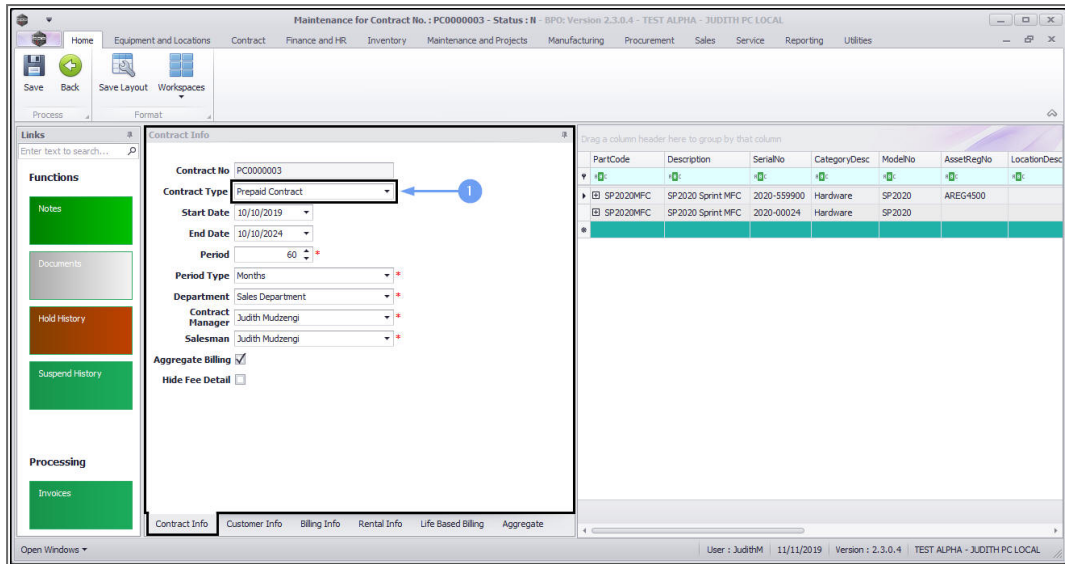
fIdFeeType	fIdFeeTypeDesc	fIdChargeAmount	fIdAccountCode
E	Evergreen Rental	0.00	1202
I	Inhouse Rental	0.00	1201
L	Loan	0.00	1200
N	Insurance	0.00	1203
R	Bank Rental	0.00	1204

fIdMeterCode	fIdDescription	fIdMinQuantity	fIdAccountCode
Mono	Mono meter	1,000.00	1000 1101
Colour	Colour Meter	0.00	0 1101

Contract Info Customer Info Billing Info Rental Info Life Based Billing **Aggregate**

User: Judi#MM | 11/11/2019 | Version: 2.3.0.4 | TEST ALPHA - JUDITH PC LOCAL

- Once the prepaid portion of the contract expires, the customer contract manager must change the **Contract Type** from
- Prepaid**

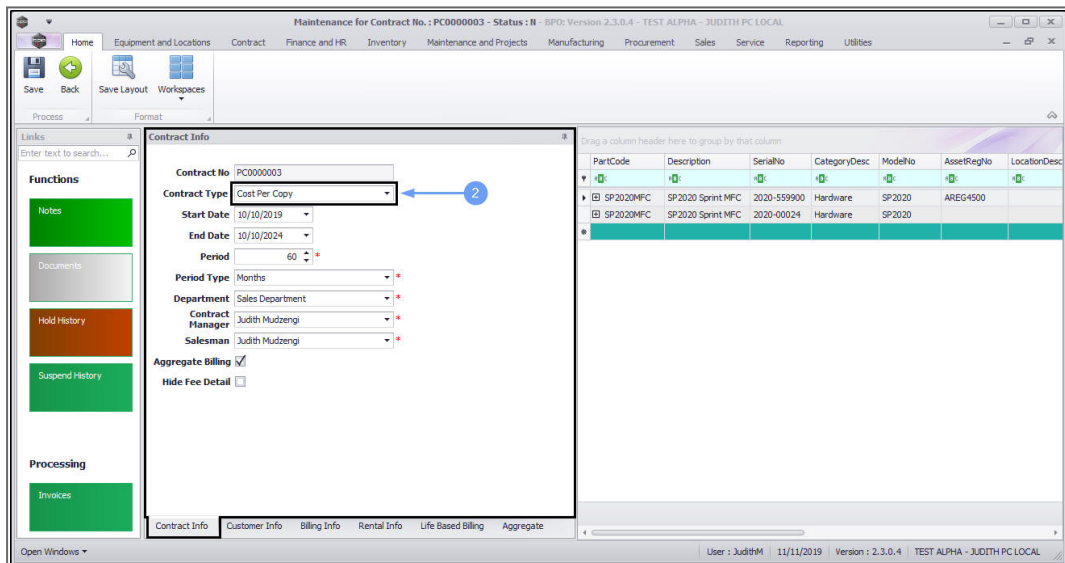


PartCode	Description	SerialNo	CategoryDesc	ModelNo	AssetRegNo	LocationDesc
SP2020MFC	SP2020 Sprint MFC	2020-559900	Hardware	SP2020	AREG4500	
SP2020MFC	SP2020 Sprint MFC	2020-00024	Hardware	SP2020		

2. to the applicable **Contract Type**

so that the contract will no longer be monitored.

- **Note:** In this image, the **Contract Type** was changed to **Cost per Copy**.



PartCode	Description	SerialNo	CategoryDesc	ModelNo	AssetRegNo	LocationDesc
SP2020MFC	SP2020 Sprint MFC	2020-559900	Hardware	SP2020	AREG4500	
SP2020MFC	SP2020 Sprint MFC	2020-00024	Hardware	SP2020		

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