***Business Reason***

ROI (cost) for container and compactor assets is being included in quotes even when the customer owns both assets. Additionally, container maintenance has the same issue.

***Task Requirements***

* Multiply these cost elements by (1 – is\_container\_owned) and/or (1 – is\_compactor\_owned)

***Build Plan***

1. Change smallContainerPricing to check for container ownership in both ROI and maintenance costs:

Line 848:

From:

ROI = ((truckAllocatedValue + ((containerValue + compactorValue) \* containerQuantity) + workingCapital) \* floorROI / 12) + commission;

To:

ROI = ((truckAllocatedValue + ((containerValue + compactorValue) \* (1 – isCustomerOwned) \* containerQuantity) + workingCapital) \* floorROI / 12) + commission;

Line 368:

From:

containerMaintPerLift = atof(containerMaintPerLiftStr);

To:

containerMaintPerLift = atof(containerMaintPerLiftStr) \* (1 – isCustomerOwned);

Line 782

From:

compactor\_maint\_per\_container = hasCompactor \* compactorValue \* compactor\_mainteance\_factor / 12;

To:

compactor\_maint\_per\_container = hasCompactor \* compactorValue \* compactor\_mainteance\_factor \* (1 – isCustomerOwned) / 12;

1. Change largeContainerPricing to check for container ownership in maintenance costs:

Line 219:

From:

containerMntPerHaul = atof(containerMaintPerHaulStr);

To:

containerMntPerHaul = atof(containerMaintPerHaulStr)\* (1 - isCompactorCustomerOwned)

Line

***Admin Guide Changes***

***User Guide Changes***