Purchase Reconciliation

Year: 2020   Month: 2   Reconciled Amount: $ 150,000   [Calculate]

Purchases of the Month

Verified by Intel Only:

```
po-1:mpn-1
po-1:mpn-2
po-2:mpn-1
po-2:mpn-2
```

Verified by Jabil Only:

```
po-10:mpn-1
po-10:mpn-2
po-11:mpn-1
po-11:mpn-2
```

Reconciled Purchases

```
po-20:mpn-1
po-20:mpn-2
po-21:mpn-1
po-21:mpn-2
```

Purchase Details:

Order Nbr: po-1   Document ID: doc-1   Supplier: intel
MPN: mpn-1   Document Date: 2010-02-15   Sale Price: $ 25,000

[Submit]

Recociliation of purchase records of the login supplier for a specified month:

Get list of purchases for the month, spearated by the reconciliation status, by invoking the following REST APIs:

 * http://52.143.91.17:7091/v1/purchases/intel/2020/2/intel?user=iris
 * http://52.143.91.17:7091/v1/purchases/intel/2020/2/jabil?user=iris
 * http://52.143.91.17:7091/v1/purchases/intel/2020/2/BOTH?user=iris

Select a purchase item to edit or verify details, click "Submit" to submit the changes by invoking the following API:

http://52.143.91.17:7091/v1/putpurchases/iris

The purchase item is reconciled if both the supplier and jabil users "Submit" the item with the same sales amount. If the amount changes, however, the item will show as not-reconciled, e.g., added to the list of items verified by the supplier only.

Click "Calculate" to calculate total sales amount for the month, which would include only reconciliated items. It invokes the following API:

http://52.143.91.17:7091/v1/calculatemonthlypurchase/iris/intel/2020/2

Note: "Calculate" must be called for each month before requesting the total rebate amount. The monthly sales total contains less PO items and thus the calculation would use less resources, and can be updated more frequently.

Agreements

Primary	Agreement ID	Signed By	Start Date	End Date
○	Agreement-1	intel	2019-01-01	2019-12-31
○	Agreement-2	jabil	2019-04-01	2019-12-31
⊙	Agreement-3	BOTH	2020-01-01	2020-12-31

Purchase Details:

Agreement ID: `Agreement-3`   Supplier: `intel`   Start Date: `2020-01-01`

Collection Freq: `QUARTERLY ▼`   Signature Date: `2019-10-15`   End Date: `2020-12-31`

Type: `BASELINE_GROWTH ▼`   Terms: [Sign]

☑ is Primary

Min Sale Growth	Rebate Pct
1.1	0.1
1.2	0.05

Total Rebate:

Year: `2020`   `QUARTER ▼`   `2`   Rebate Amount: $ `150,000`   [Calculate]

Agreements between jabil and the login supplier:

Only one agreement can be the "primary". Select an agreement and edit its terms. The Demo blockchain supports 3 Types: "BASELINE_GROWTH", "STANDARD_STEPS", and FIXED_RATE".
Click "Sign" to update the selected agreement by invoking the following API:

http://52.143.91.17:7091/v1/putagreement/iris

Note: each agreement should be signed by both jabil and the supplier with the same terms, and so "Signed By" would be updated as "BOTH". If the terms are updated, the "Signed By" field would be updated to the submitting party, and pending for the other party to sign it again without changing the terms.

Click "Calculate" to calculate total rebate amount for a specified year and period. The period could be "QUARTER" or "SEMI-ANNUAL" depending on if the collection-frequency is "QUARTERLY" or "SEMI-ANNUALLY". The period is ignored if the collection-frequency is "ANNUALLY". This button invokes the following API:

http://52.143.91.17:7091/v1/calculaterebate/intel/2020/2?user=iris&AgreementID=Agreement-3

Note: before submitting this request to calculate the rebate for Q2 of year 2020, you need to make sure that the purchase totals have been calculated for the months 4, 5, and 6 using the reconciliation page. Besides, if the term type is "BASELINE_GROWTH", you'll need the previous year's total sales amount, which can be added by jabil using the following API:

http://52.143.91.17:7091/v1/putmonthlypurchase/jack