



SUPPLYFRAME ENTERPRISE API

Supplyframe App API Reference Guide

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Overview

The Supplyframe App REST API provides an interface for integration applications to exchange information with Supplyframe.

Supplyframe App REST API:

- Is organized around REST.
- Uses predictable resource-oriented URLs.
- Accepts JSON-encoded request bodies.
- Returns JSON-encoded responses.
- Uses standard HTTP response codes, authentication and verbs.

Supplyframe App REST API lets you:

- Use CRUD (create, read, update, delete) operations on Supplyframe App records.
- Retrieve a list of records from a collection and use pagination.
- Filter Supplyframe App record collections

This guide provides a reference for using the Supplyframe App REST API. This section provides a high level overview.

Important: Supplyframe App REST API was introduced in the June 15, 2022 Supplyframe App release. It is an initial version with limited functionality. Some optional features and application settings may not be fully supported. The current scope of the Supplyframe App REST API is limited to selected Supplyframe App modules and entities. It supports the following resources: Part Master, Category, Purchase Orders, Contract Pricing, Supplier, Currency and AMLs.

As with any other Supplyframe APIs or platform features, it is crucial that you test integration applications leveraging Supplyframe App REST API extensively on a Sandbox account. Make sure your integration applications run smoothly without error on a non-production account before you implement it on your production account.

Authentication / Authorization

Supplyframe App REST API supports authentication by OAuth 2.0 bearer token. The user must send the OAuth 2.0 access token as a bearer token in the Authorization header for each request.

To use the Supplyframe App REST API, customers need to be registered for API access in their Supplyframe App account (check with your sales rep). Once registered, an API user and password will be established in the customer's account and these credentials will be used to generate the required bearer tokens.

Important: All API requests must be made over HTTPS. Calls made over plain HTTP will fail. API requests without authentication will also fail.

To obtain an access token, send the HTTPS POST request to the /token path (see below)

Token Endpoint

POST {{base_url}}/api/token	Get bearer token.
-----------------------------	-------------------

In the body of the request, specify the following parameters:

username and password — credentials used to access the server;

The application can use the API user credentials to obtain an access token using a POST request. Please note that the token expires in 1 hour and will require the user to get another token after expiration.

Example

Token Request

```
curl --location --request POST
'https://dsi.supplyframe.app/api/token?username=user@companyname.com&password=user
password' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'username=user@companyname.com' \
--data-urlencode 'password=userpassword'
```

Token Response

```
{
  "token_expires_in": "1h",
```


- Permissions required by the app.

System Settings

API

Your credentials for access to the API.

API User

evilar+api4@supplyframe.com

OAuth2

Create your OAuth2 credentials to access the API using OAuth2 flow.

You created OAuth2 credentials at 10/23/2024 at 10:24 AM. You can create new credentials using the form below.

App name *

My app

Redirect URL

https://finance.yahoo.com/

Permissions that will be asked for user to allow:

☒ BOM Insight

Create credentials

3. The system generates:

- Client ID: A unique identifier for the app.
- Client Secret: A secret key known only to the client and authorization server.

System Settings

API

Your credentials for access to the API.

API User

evilar+api4@supplyframe.com

OAuth2

Create your OAuth2 credentials to access the API using OAuth2 flow.

You are only able to see these keys once, so please make sure to write them down, download them.

CLIENT ID

cbec3ee2-b81d-466f-83d8-daf57697ecfb

CLIENT SECRET

871753857d3d4195440be483201c317f874a32b31e663fe26b0e7307b0417f36

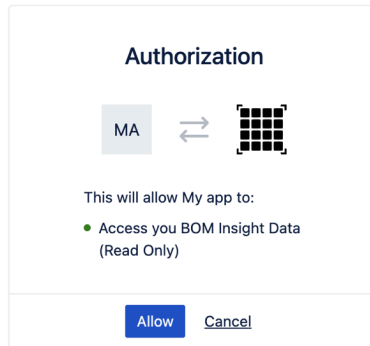
Download credentials

OAuth 2.0 Flow Steps

Step 1: User Authorization Request

Use the following url to authorize the request using client_id. Users should see a consent screen where they Allow or cancel the app's request to access their data.

https://dsi.supplyframe.app/auth/authorize?client_id=cbee3ee2-b81d-466f-83d8-daf57697ecfb



Step 2: Authorization Code Grant

Upon Approval, the user should successfully redirect to the given url with authentication_code as a query parameter.

https://xyzcompany.com/?authentication_code=3b9164cc-5aed-4d7b-b73e-1f38960221e2

Step 3: Exchange Authorization Code for Access Token

Use client_id, client_secret and authentication_code to acquire the JWT token used to authenticate in our API.

Use GET /api/token/oauth and provide client_id, client_secret and authentication_code as query params.

https://dsi.supplyframe.com/api/token/oauth?authentication_code=3b9164cc-5aed-4d7b-b73e-1f38960221e2&client_id=cbee3ee2-b81d-466f-83d8-daf57697ecfb&client_secret=871753857d3d4195440be483201c317f874a32b31e663fe26b0e7307b0417f36

GET	⌵	{{(base_url)}} /api/token/oauth?authentication_code=3b9164cc-5aed-4d7b-b73e-1f38960221e2&client_id=cbee3ee2-b81d-466f-83d8-daf57697ecfb&client_secret=871753857d3c...	Send	⌵
Params	•	Authorization	Headers (8)	Body • Scripts • Settings
Cookies				
Query Params				
☒	Key	Value	Description	⋮ Bulk Edit
☒	authentication_code	3b9164cc-5aed-4d7b-b73e-1f38960221e2		
☒	client_id	cbee3ee2-b81d-466f-83d8-daf57697ecfb		
☒	client_secret	871753857d3d4195440be483201c317f874a32b31e663fe26b0e73...		
	Key	Value	Description	

Body	Cookies	Headers (21)	Test Results	⌵	200 OK	52 ms	1.56 KB	📄	📄 Save Response	⋮
Pretty	Raw	Preview	Visualize	JSON	⌵					🔗 📄 🔍
1	{									
2	"token_expires_in": "1h",									
3	"token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1aWQ1OjE1MzUxLjI1Ijo1Z25pbWp1QHN1cHBseWZyZW11LmNvbnR5cCI6IkpXVCJ9.eyJ1aWQ1OjE1MzUxLjI1Ijo1Z25pbWp1QHN1cHBseWZyZW11LmNvbnR5cCI6IkpXVCJ9",									
4	"refresh_token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1aWQ1OjE1MzUxLjI1Ijo1Z25pbWp1QHN1cHBseWZyZW11LmNvbnR5cCI6IkpXVCJ9",									
5	}									

Response Fields:

- **token**: Used by the app to make API requests.
- **token_expires_in**: Token expiration time (hour).
- **refresh_token**: used to obtain a new access token when expired.

Access Level Restrictions

Tokens generated through OAuth 2.0 have limited access:

- Only BOM Insight routes are accessible.
- Additional checks ensure users have read access to specific lists.
- Delete operations are not permitted.

Errors

The Supplyframe REST API uses conventional HTTP response codes to indicate the success or failure of a request. The codes can be in one of the following ranges:

- 2xx if the request is successful.

- 4xx if the request fails due to the information provided in the request — it indicates an error in the request.
- 5xx if the request fails due to a problem with the server.

HTTP Status Code	Description	Reasons
200 OK	The request was successful.	
400 Bad Request	The request is unacceptable.	Possible reasons include: • The request was improperly formed. For example: ○ The Authorization header was not formatted correctly ○ For a PUT or POST request, the Content-Type header is incorrect or there is a syntax error in the request body and the Supplyframe REST API cannot interpret the information. ○ Parameter error — The pagination or filtering parameters in the request URL are not valid. The limit parameter may be above the maximum allowed, the offset may not be divisible by the page limit ○ A validation error. There is a problem with the object sent in the request body.
401 Unauthorized	Authentication error. The response includes a WWW-Authenticate header with information about the error.	The access token is invalid. See Authentication Errors.
403 Forbidden	Authorization error. The server understands the request but refuses to fulfill it due to	The request has been authenticated, but the authenticated user does not have the necessary permissions to access the resource.

	insufficient permissions	
--	--------------------------	--

API Limits

Supplyframe enforces some limits to control API consumption and manage the demands on the Supplyframe application and database servers.

Below are the limits based upon the TYPE of HTTPS requests for a given 1 hour and seconds widow:

Request Type	Limit Per Hour	Limit Per Second
GET	1000	5
POST, PUT and DELETE (combined)	1000	5

Once the above limits have been reached:

- The API would respond with the HTTP **code 429** (too many requests)
- The user would be given a “**Retry-After**” time which is located in the response headers (see example below)
- The “Retry-After” value is measured in seconds

Body Cookies Headers (16) Test Results		Status: 429 Too Many Requests Time: 127 ms Size: 755 B Save Response	
KEY	VALUE		
x-sf-requestcount	500		
x-sf-remainingrequests	0		
retry-after	3599		

Users can get a count of how many requests they have remaining for the current 1 hour window in the following response headers:

- **x-sf-RequestCount**: provides the number of requests made during the current 1 hour window
- **x-sf-RemainingRequests**: provides the number of requests remaining in the current 1 hour window

Body		Cookies	Headers (18)	Test Results (4/9)	Status: 200 OK Time: 131 ms Size: 2.16 KB Save Response	
KEY	VALUE					
x-sf-requestcount	13					
x-sf-remainingrequests	987					

Supplyframe API Endpoints

Part Master Items

The Part Master Items is the catalog of parts available for the customer. Use the Part Master Items API calls to manage the Part Master Items in your Supplyframe account.

Endpoints

GET {{base_url}}/api/part-master/items/{id}	List a single Part Master Item
GET {{base_url}}/api/part-master/items	List all Part Master Items available for the customer
POST {{base_url}}/api/part-master/items	Create a Part Master Item
PUT {{base_url}}/api/part-master/items/{id}	Update an existing Part Master Item
DEL {{base_url}}/api/part-master/items/{id}	Delete a Part Master Item

Get a List of Part Master Items

```
GET {{base_url}}/api/part-master/items/
```

Parameters

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of Part Master Items in the response. Range of values: [0 - 1000] Default value: 1000	Integer
offset	Optional	Used by subsequent requests to get the next batch of Part Master Items. E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on the created_at date. Possible values: desc (descending) or asc (ascending)	asc or desc

Sample Request

GET /api/part-master/items/?limit=2&offset=3&sortorder=asc HTTP/1.1
Host: dsi.supplyframe.app
x-sfa-token: {token}

Sample Response

```
{
  "limit": 2,
  "offset": 3,
  "sortorder": "asc",
  "nextoffset": 5,
  "parts": [
    {
      "id": 185230,
      "cpn": "RV-COPPER1",
      "updated_at": null,
      "deleted_at": null,
      "created_at": "2021-08-01T20:17:46.075Z",
      "category": 1765
    },
    {
      "id": 185231,
```

```

    "cpn": "RV-ALUMINUM1",
    "updated_at": null,
    "deleted_at": null,
    "created_at": "2021-08-01T20:17:59.520Z",
    "category": 1765
  }
]
}

```

Response Definitions

Response Item	Description	Data Type
id	The id for the Part Master Item.	Integer
cpn	The Customer Part Number	String
updated_at	The date the Part Master Item was last updated.	Date (GMT)
deleted_at	The date when the Part Master Item was deleted.	Date (GMT)
created_at	The date when the Part Master Item was created	Date (GMT)
created_by	The user who created the Item	String
category	The category id this Part Master Item is assigned to.	Integer

Get a Part Master Item

```
GET {{base_url}}/api/part-master/items/{id}
```

Parameters

Path Parameter	Description
----------------	-------------

{id}	The value for the part number you want to look up.
------	--

Sample Request

```
GET /api/part-master/items/187707 HTTP/1.1
Host: dsi.supplyframe.app
x-sfa-token: {token}
```

Sample Response

```
{
  "id": 246364,
  "cpn": "PM7SQ5L5W06JO",
  "updated_at": null,
  "deleted_at": null,
  "created_at": "2025-08-19T23:32:29.182Z",
  "created_by": "Api User",
  "category": 7828,
  "category_name": "test0813"
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Part Master Item.	Integer
cpn	The Customer Part Number	String
updated_at	The date the Part Master Item was last updated.	Date (GMT)
deleted_at	The date when the Part Master Item was deleted.	Date (GMT)
created_at	The date when the Part Master Item was created	Date (GMT)
created_by	The user who created the Item	String
category	The category id this Part Master Item is assigned to.	Integer

category_name	The category name this Part Master Item is assigned to.	String
---------------	---	--------

Insert a Part Master Item

POST {{base_url}}/api/part-master/items	Create a Part Master Item
---	---------------------------

Parameters

Request Body				
Name	Required	Type	Value	Description
cpn	Yes	String		The name of the cpn.
category	No	Integer		The category id of the cpn.

Sample Request

```
curl --location --request POST 'https://dsi.supplyframe.app/api/part-master/items' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'cpn=RV-APITest-PN-18' \
--data-urlencode 'category=2'
```

Sample Response

```
[
  {
    "id": 187712,
    "cpn": "RV-APITEST-PN-18",
    "updated_at": null,
    "deleted_at": null,
    "created_at": "2022-05-04T14:15:51.961Z",
    "category": 2
  }
]
```

```
}  
]
```

Response Definitions

Response item	Description	Data Type
id	The id for the Part Master Item.	Integer
cpn	The Customer Part Number	String
updated_at	The date the Part Master Item was last updated.	Date (GMT)
deleted_at	The date when the Part Master Item was deleted.	Date (GMT)
created_at	The date when the Part Master Item was created	Date (GMT)
created_by	The user who created the Item	String
category	The category id this Part Master Item is assigned to.	Integer

Update a Part Master Item

PUT {{base_url}}/api/part-master/items/{id}	Update an existing Part Master Item
---	-------------------------------------

Parameters

Path Parameter	Description
{id}	The value for the part number you want to update.

Request Body				
Name	Required	Type	Value	Description

cpn	Yes	String		The name of the cpn.
category	No	Integer		The category id of the cpn.

Sample Request

```
curl --location --request PUT 'https://dsi.supplyframe.app/api/part-master/items/187712' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'category=1884' \
--data-urlencode 'cpn=RV-APITEST-PN-18
'
```

Sample Response

```
[
  {
    "id": 187712,
    "cpn": "RV-APITEST-PN-18\n",
    "updated_at": "2022-05-04T14:29:19.679Z",
    "deleted_at": null,
    "created_at": "2022-05-04T14:15:51.961Z",
    "category": 1884
  }
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Part Master Item.	Integer
cpn	The Customer Part Number	String
updated_at	The date the Part Master Item was last updated.	Date (GMT)
deleted_at	The date when the Part Master Item was deleted.	Date (GMT)

created_at	The date when the Part Master Item was created	Date (GMT)
created_by	The user who created the Item	String
category	The category id this Part Master Item is assigned to.	Integer

Delete a Part Master Item

DEL {{base_url}}/api/part-master/items/{id}	Delete a Part Master Item
---	---------------------------

Parameters

Path Parameter	Description
{id}	The value for the part number you want to update.

Sample Request

```
curl --location --request DELETE 'https://dsi.supplyframe.app/api/part-master/items/187712' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
[
  {
    "id": 187712,
    "cpn": "RV-APITEST-PN-18\n",
    "updated_at": "2022-05-04T14:29:19.679Z",
    "deleted_at": null,
    "created_at": "2022-05-04T14:15:51.961Z",
    "category": 1884
  }
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Part Master Item.	Integer
cpn	The Customer Part Number	String
updated_at	The date the Part Master Item was last updated.	Date (GMT)
deleted_at	The date when the Part Master Item was deleted.	Date (GMT)
created_at	The date when the Part Master Item was created	Date (GMT)
created_by	The user who created the Item	String
category	The category id this Part Master Item is assigned to.	Integer

Part Master Alternatives

The Part Master Alternatives is the catalog of parts available for the customer. Use the Part Master Alternatives API calls to manage the Part Master Alternatives in your Supplyframe account.

Endpoints

GET {{base_url}}/api/part-master/items/{master_id}/alternatives/{id}	List a single part alternative for the Part Master Item.
GET {{base_url}}/api/part-master/items/{master_id}/alternatives	List all part alternatives for the Part Master Item.
POST {{base_url}}/api/part-master/items/{master_id}/alternatives	Create a part alternative for the Part Master Item.
PUT {{base_url}}/api/part-master/items/{master_id}/alternatives/{id}	Update a part alternative for the Part Master Item.
DEL {{base_url}}/api/part-master/items/{master_id}/alternatives/{id}	Delete a part alternative for the Part Master Item.

Get a List of Part Master Alternatives

```
GET {{base_url}}/api/part-master/items/{master_id}/alternatives
```

Parameters

Path Parameter	Description
{master_id}	The value of the Part Master Item id you want to search part alternatives for.

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of Part Master Alternatives in the response. Range of values: [0 - 50] Default value: 50	Integer
offset	Optional	Used by subsequent requests to get the next batch of Part Master Alternatives. E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on the id. Possible values: desc (descending) or asc (ascending)	asc or desc

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/part-master/items/187321/alternatives?limit=2&offset=3&sortorder=asc' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "limit": "2",
  "offset": "3",
  "sortorder": "asc",
  "nextoffset": 5,
  "part_alternatives": [
    {
      "id": "211823",
      "master_id": "187321",
      "mpn": "10_bb12267",
      "manufacturer": "xyz corp",
      "created_at": "2022-03-15T13:54:25.669Z",
      "updated_at": "2022-03-15T13:54:25.669Z",
      "sourcing_status": "Approved",
      "lifecycle": "Active",
      "plant_exceptions": "xyz corp"
    },
    {
      "id": "211824",
      "master_id": "187321",
      "mpn": "10_bb12267",
      "manufacturer": "xyz corp",
      "created_at": "2022-03-15T13:54:57.543Z",
      "updated_at": "2022-03-15T13:54:57.543Z",
      "sourcing_status": null,
      "lifecycle": "Active",
      "plant_exceptions": "xyz corp"
    }
  ]
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Part Master Item alternative.	Integer
master_id	The id for the Part Master Item.	Integer
mpn	The Manufacturer Part Number for the part alternative.	String

manufacturer	The manufacturer name for the part alternative	String
created_at	The date when the part alternative was created.	Date (GMT)
updated_at	The date the part alternative was last updated.	Date (GMT)
sourcing_status	The sourcing status of the part alternative.	String:
lifecycle	The lifecycle status of the part alternative.	String
plant_exceptions	Plant Exceptions	String
preferred		Boolean

Get a Part Master Alternative

```
GET {{base_url}}/api/part-master/items/{master_id}/alternatives/{id}
```

Parameters

Path Parameter	Description
{master_id}	The value of the Part Master Item id you want to search part alternatives for.
{id}	The value of the part part alternative id you want to look up.

Sample Request

```
curl --location --request GET
'https://dsi.supplyframe.app/api/part-master/items/187321/alternatives/211820' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
```



```

    "id": "211820",
    "master_id": "187321",
    "mpn": "RV-Alternate-01",
    "manufacturer": "",
    "created_at": "2022-03-15T13:48:32.986Z",
    "updated_at": "2022-03-15T13:48:32.986Z",
    "sourcing_status": null,
    "lifecycle": null,
    "plant_exceptions": ""
  }

```

Response Definitions

Response Item	Description	Data Type
id	The id for the Part Master Item alternative.	Integer
master_id	The id for the Part Master Item.	Integer
mpn	The Manufacturer Part Number for the part alternative.	String
manufacturer	The manufacturer name for the part alternative	String
created_at	The date when the part alternative was created.	Date (GMT)
updated_at	The date the part alternative was last updated.	Date (GMT)
sourcing_status	The sourcing status of the part alternative.	String:
lifecycle	The lifecycle status of the part alternative.	String
plant_exceptions	Plant Exceptions	String
preferred		Boolean

Insert a Part Master Alternative

```
POST {{base_url}}/api/part-master/items/{master_id}/alternatives
```

Parameters

Path Parameter	Description
{master_id}	The value of the Part Master Item id you want to add alternatives for.

Request Body				
Name	Required	Type	Value	Description
mpn	Yes	String		The Manufacturer Part Number for the part alternative.
manufacturer	No	String		The Manufacturer for the part alternative.
sourcing_status	No	String		The sourcing status of the part alternative.
lifecycle	No	String		The lifecycle status of the part alternative.
plant_exceptions	No	String		Plant Exceptions
preferred	No	Boolean		

Sample Request

```
curl --location --request POST
'https://dsi.supplyframe.app/api/part-master/items/187321/alternatives' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
```

```
--data-urlencode 'mpn=RV-Alternate-10' \
--data-urlencode 'manufacturer=xyz corp' \
--data-urlencode 'plantExceptions=xyz corp' \
--data-urlencode 'lifecycle=Unknown' \
--data-urlencode 'sourcingStatus=Ongoing'
```

Sample Response

```
[
  {
    "id": "212066",
    "master_id": "187321",
    "mpn": "RV-Alternate-10",
    "manufacturer": "xyz corp",
    "created_at": "2022-05-04T15:48:46.752Z",
    "updated_at": "2022-05-04T15:48:46.752Z",
    "sourcing_status": "Ongoing",
    "lifecycle": "Unknown",
    "plant_exceptions": "xyz corp"
  }
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Part Master Item alternative.	Integer
master_id	The id for the Part Master Item.	Integer
mpn	The Manufacturer Part Number for the part alternative.	String
manufacturer	The manufacturer name for the part alternative	String
created_at	The date when the part alternative was created.	Date (GMT)
updated_at	The date the part alternative was last updated.	Date (GMT)
sourcing_status	The sourcing status of the part alternative.	String:
lifecycle	The lifecycle status of the part alternative.	String

plant_exceptions	Plant Exceptions	String
preferred		Boolean

Update a Part Master Alternative

```
PUT {{base_url}}/api/part-master/items/{master_id}/alternatives/{id}
```

Parameters

Path Parameter	Description
{master_id}	The value of the Part Master Item id you want to search part alternatives for.
{id}	The value of the part master alternative id you want to update.

Request Body				
Name	Required	Type	Value	Description
mpn	No	String		The Manufacturer Part Number for the part alternative.
manufacturer	No	String		The Manufacturer for the part alternative.
sourcing_status	No	String		The sourcing status of the part alternative.
lifecycle	No	String		The lifecycle status of the part alternative.

plant_exceptions	No	String		Plant Exceptions
preferred	No	Boolean		

Sample Request

```
curl --location --request PUT
'https://dsi.supplyframe.app/api/part-master/items/187321/alternatives/212067' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'sourcingStatus=Rejected' \
--data-urlencode 'plantExceptions=test123' \
--data-urlencode 'mpn=RV-Alternate-11' \
--data-urlencode 'manufacturer=3M'
```

Sample Response

```
[
  {
    "id": "212067",
    "master_id": "187321",
    "mpn": "RV-Alternate-11",
    "manufacturer": "3M",
    "created_at": "2022-05-04T15:54:25.902Z",
    "updated_at": "2022-05-04T15:57:53.311Z",
    "sourcing_status": "Rejected",
    "lifecycle": "Unknown",
    "plant_exceptions": "test123"
  }
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Part Master Item alternative.	Integer

master_id	The id for the Part Master Item.	Integer
mpn	The Manufacturer Part Number for the part alternative.	String
manufacturer	The manufacturer name for the part alternative	String
created_at	The date when the part alternative was created.	Date (GMT)
updated_at	The date the part alternative was last updated.	Date (GMT)
sourcing_status	The sourcing status of the part alternative.	String:
lifecycle	The lifecycle status of the part alternative.	String
plant_exceptions	Plant Exceptions	String
preferred		Boolean

Delete a Part Master Alternative

DEL {{base_url}}/api/part-master/items/{master_id}/alternatives/{id}	Delete a part alternative of the Part Master Item.
---	--

Parameters

Path Parameter	Description
{master_id}	The value of the Part Master Item id you want to search part alternatives for.
{id}	The value of the part alternative id you want to delete.

Sample Request

```
curl --location --request DELETE
'https://dsi.supplyframe.app/api/part-master/items/187321/alternatives/212067' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
[
  {
    "id": "212067",
    "master_id": "187321",
    "mpn": "RV-Alternate-11",
    "manufacturer": "3M",
    "created_at": "2022-05-04T15:54:25.902Z",
    "updated_at": "2022-05-04T15:57:53.311Z",
    "sourcing_status": "Rejected",
    "lifecycle": "Unknown",
    "plant_exceptions": "test123"
  }
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Part Master Item alternative.	Integer
master_id	The id for the Part Master Item.	Integer
mpn	The Manufacturer Part Number for the part alternative.	String
manufacturer	The manufacturer name for the part alternative	String
created_at	The date when the part alternative was created.	Date (GMT)
updated_at	The date the part alternative was last updated.	Date (GMT)
sourcing_status	The sourcing status of the part alternative.	String:
lifecycle	The lifecycle status of the part alternative.	String
plant_exceptions		String??
preferred		Boolean

Part Master Part Details

The Part Master Part Details provide all part details (meta information) for the customer's part numbers. These part details are based on the part category (template id) of a part number. Different categories have different part details. Use the Part Master Part Details API calls to update or review a part number's part details information in your Supplyframe account.

Endpoints

GET {{base_url}}/api/part-master/items/{part_id}/part-details	List the part details for the Part Master Item.
PUT {{base_url}}/api/part-master/items/{part_id}/part-details	Update the part details of the Part Master Item.

Get Part Master Part Details

GET {{base_url}}/api/part-master/items/{part_id}/part-details

Parameters

Path Parameter	Description
{part_id}	The value of the Part Master Item id you want to search the part details for.

Sample Request

```
curl --location --request GET
'https://dsi.supplyframe.app/api/part-master/items/185229/part-details' \
--header 'x-sfa-token: {token}'
```

Sample Response


```

{
  "category_id": 1765,
  "part_id": 185229,
  "cpn": "RV-GOLD1",
  "category_name": "Metals",
  "subcontractor": "1",
  "site": "2",
  "part_description": "3",
  "uom": "test123",
  "RV-Weight": "90",
  "req_manufacturer": "Diodes",
  "Cost 2": "6",
  "Total Cost": "7",
  "Cost 1": "8",
  "Printing Cost": "9",
  "Polishing1 Cost": "10",
  "Moldings Cost 1": "11",
  "just for metals": "12",
  "created_at": "2021-08-01T20:17:29.459Z",
  "updated_at": "2022-08-03T20:40:38.637Z"
}

```

Response Definitions

Please note that the definitions below are specific to the sample response above and are based on the category, “Metals”. The response items for the part details (marked with **) will vary based on the category that is used.

Response Item	Description	Data Type
category_id	The category id for the Part Master Item.	Integer
part_id	The id for the Part Master Item.	Integer
cpn	The Customer Part Number for the Part Master Item .	String
created_at	The date when the part detail was created.	Date (GMT)
updated_at	The date the part details was last updated.	Date (GMT)
Subcontractor *	The subcontractor of the Part Master Item	String
Plant *	The plant of the Part Master Item	String

part_description*	The part description of the Part Master Item	String
uom*	The uom of the Part Master Item	String
req_manufacturer*	The requested manufacturer for the Part Master Item	String
RV-Weight**	User Defined Part Detail Field	String
Cost 2**	User Defined Part Detail Field	Numeric
Total Cost**	User Defined Part Detail Field	Numeric
Cost 1**	User Defined Part Detail Field	Numeric
Printing Cost**	User Defined Part Detail Field	Numeric
Polishing1 Cost**	User Defined Part Detail Field	Numeric
Moldings Cost 1**	User Defined Part Detail Field	Numeric
just for metals**	User Defined Part Detail Field	String

* Configurable System Part Detail

** Configurable User Defined Part Detail

Update Part Master Part Details

```
PUT {{base_url}}/api/part-master/items/{part_id}/part-details
```

Parameters

Path Parameter	Description
{part_id}	The value of the Part Master Item id you want to update part details for.

In the request, the system will require at least one of the fields below to update the part master item. If not, the system will respond with a “400 Bad Request” error - "error": "no part-details fields provided to update part master xxxxxxxx."

Request Body				
Name	Required	Type	Value	Description
Subcontractor *	No	String		The subcontractor of the Part Master Item
Plant *	No	String		The plant of the Part Master Item
part_description*	No	String		The part description of the Part Master Item
uom*	No	String		The uom of the Part Master Item
req_manufacturer*	No	String		The requested manufacturer for the Part Master Item
RV-Weight**	No	String		User Defined Part Detail Field
Cost 2**	No	Numeric		User Defined Part Detail Field
Total Cost**	No	Numeric		User Defined Part Detail Field
Cost 1**	No	Numeric		User Defined Part Detail Field
Printing Cost**	No	Numeric		User Defined Part Detail Field
Polishing1 Cost**	No	Numeric		User Defined Part Detail Field

Moldings Cost 1**	No	Numeric		User Defined Part Detail Field
just for metals**	No	String		User Defined Part Detail Field

* Configurable System Part Detail

** Configurable User Defined Part Detail

Sample Request

```
curl --location --request PUT
'https://dsi.supplyframe.app/api/part-master/items/185229/part-details' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'subcontractor= 1' \
--data-urlencode 'site= Plant3' \
--data-urlencode 'part_description= 3' \
--data-urlencode 'uom= test123' \
--data-urlencode 'RV-Weight= 90' \
--data-urlencode 'req_manufacturer= Diodes' \
--data-urlencode 'Cost 2= 6' \
--data-urlencode 'Total Cost= 7' \
--data-urlencode 'Cost 1= 8' \
--data-urlencode 'Printing Cost= 9' \
--data-urlencode 'Polishing1 Cost= 10' \
--data-urlencode 'Moldings Cost 1= 20' \
--data-urlencode 'just for metals=30'
```

Sample Response

```
{
  "category_id": 1765,
  "part_id": 185229,
  "cpn": "RV-GOLD1",
  "category_name": "Metals",
  "subcontractor": "1",
  "site": "Plant3",
  "part_description": "3",
  "uom": "test123",
  "RV-Weight": "90",
```

```

"req_manufacturer": "Diodes",
"Cost 2": "6",
"Total Cost": "7",
"Cost 1": "8",
"Printing Cost": "9",
"Polishing1 Cost": "10",
"Moldings Cost 1": "20",
"just for metals": "30",
"created_at": "2021-08-01T20:17:29.459Z",
"updated_at": "2022-08-09T16:02:38.121Z"
}

```

Response Definitions

Please note that the definitions below are specific to the sample response above and are based on the category, “Metals”. The response items for the part details (marked with **) will vary based on the category that is used.

Response Item	Description	Data Type
category_id	The category id for the Part Master Item.	Integer
part_id	The id for the Part Master Item.	Integer
cpn	The Customer Part Number for the Part Master Item .	String
created_at	The date when the part detail was created.	Date (GMT)
updated_at	The date the part details was last updated.	Date (GMT)
Subcontractor *	The subcontractor of the Part Master Item	String
Plant *	The plant of the Part Master Item	String
part_description*	The part description of the Part Master Item	String
uom*	The uom of the Part Master Item	String
req_manufacturer*	The requested manufacturer for the Part Master Item	String

RV-Weight**	User Defined Part Detail Field	String
Cost 2**	User Defined Part Detail Field	Numeric
Total Cost**	User Defined Part Detail Field	Numeric
Cost 1**	User Defined Part Detail Field	Numeric
Printing Cost**	User Defined Part Detail Field	Numeric
Polishing1 Cost**	User Defined Part Detail Field	Numeric
Moldings Cost 1**	User Defined Part Detail Field	Numeric
just for metals**	User Defined Part Detail Field	String

* Configurable System Part Detail

** Configurable User Defined Part Detail

Purchase Order

The Purchase Order is a list of all Purchase orders that have been uploaded into the system. Use the Purchase Order API calls to manage the purchase orders in your Supplyframe account.

Endpoints

GET {{base_url}}/api/purchase-order/{id}	List a single Purchase Order
GET {{base_url}}/api/purchase-order	List all Purchase Orders available for the customer
POST {{base_url}}/api/purchase-order/	Create a Purchase Order record
PUT {{base_url}}/api/purchase-order/{id}	Update an existing Purchase Order
DEL {{base_url}}/api/purchase-order/{id}	Delete a Purchase Order

Get a List of Purchase Orders

```
GET {{base_url}}/api/purchase-order
```

Parameters

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of Purchase Orders in the response. Range of values: [0 - 1000] Default value: 1000	Integer
offset	Optional	Used by subsequent requests to get the next batch of Purchase Orders. E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on the created_at date. Possible values: desc (descending) or asc (ascending)	asc or desc

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/purchase-order?limit=5&offset=6&sortorder=desc' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "limit": 5,
  "offset": 6,
  "sortorder": "desc",
```

```

"nextoffset": 11,
"purchase_orders": [
  {
    "id": 40978,
    "name": "SFA4025-PO DATA SET5",
    "created_at": "2022-05-10T15:03:44.245Z",
    "updated_at": "2022-05-10T15:03:44.245Z",
    "location_id": 293
  },
  {
    "id": 40977,
    "name": "ML PO",
    "created_at": "2022-05-09T23:51:51.367Z",
    "updated_at": "2022-05-09T23:51:51.367Z",
    "location_id": 293
  },
  {
    "id": 40964,
    "name": "SFA4139-PO DATA SET",
    "created_at": "2022-05-06T13:18:49.846Z",
    "updated_at": "2022-05-06T13:18:49.846Z",
    "location_id": 293
  },
  {
    "id": 40948,
    "name": "SFA4025-PO DATA SET 3 - With CPN",
    "created_at": "2022-05-05T12:38:52.263Z",
    "updated_at": "2022-05-05T12:38:52.263Z",
    "location_id": 293
  },
  {
    "id": 40784,
    "name": "SFA4025-PO DATA SET 2",
    "created_at": "2022-04-25T15:42:50.397Z",
    "updated_at": "2022-04-25T15:42:50.397Z",
    "location_id": 293
  }
]
}

```

Response Definitions

Response Item	Description	Data Type
id	The id for the Purchase Order	Integer
name	The Purchase Order name	String
created_at	The date when the Purchase Order was created	Date (GMT)
updated_at	The date when the Purchase Order was updated	Date (GMT)
location_id	The location id of the Purchase Order	Integer

Get a Purchase Order

```
GET {{base_url}}/api/purchase-order/{id}
```

Parameters

Path Parameter	Description
{id}	The value for the purchase order you want to look up.

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/purchase-order/40978' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "id": 40978,
  "name": "SFA4025-PO DATA SET5",
  "created_at": "2022-05-10T15:03:44.245Z",
  "updated_at": "2022-05-10T15:03:44.245Z",
}
```

```
"location_id": 293
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Purchase Order	Integer
name	The Purchase Order name	String
created_at	The date when the Purchase Order was created	Date (GMT)
updated_at	The date when the Purchase Order was updated	Date (GMT)
location_id	The location id of the Purchase Order	Integer

Insert a Purchase Order

POST {{base_url}}/api/purchase-order/

Parameters

Request Body				
Name	Required	Type	Value	Description
name	Yes	String		The name of the Purchase Order.
location_id	No	Integer		The location id of the Purchase Order

Sample Request

```
curl --location --request POST 'https://dsi.supplyframe.app/api/purchase-order/' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'name=RV-POTest16' \
--data-urlencode 'location_id=293'
```

Sample Response

```
{
  "id": 41012,
  "name": "RV-POTest16",
  "location_id": 293,
  "created_at": "2022-05-16T22:59:49.643Z",
  "updated_at": "2022-05-16T22:59:49.643Z"
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Purchase Order	Integer
name	The Purchase Order name	String
created_at	The date when the Purchase Order was created	Date (GMT)
updated_at	The date when the Purchase Order was updated	Date (GMT)
location_id	The location id that of the Purchase Order	Integer

Delete a Purchase Order

```
DEL {{base_url}}/api/purchase-order/{id}
```

Parameters

Path Parameter	Description
{id}	The value for the purchase order you want to look up.

Sample Request

```
curl --location --request DELETE 'https://dsi.supplyframe.app/api/purchase-order/40597' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
[
  {
    "id": 40597,
    "name": "RV-POtest11-3",
    "location_id": 2,
    "created_at": "2022-03-16T13:58:39.844Z",
    "updated_at": "2022-05-16T23:08:50.209Z"
  }
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Purchase Order	Integer
name	The Purchase Order name	String
created_at	The date when the Purchase Order was created	Date (GMT)
updated_at	The date when the Purchase Order was updated	Date (GMT)
location_id	The location id that of the Purchase Order	Integer

- Price uniqueness is checked against all fields

Purchase Order Items

The Purchase Order Items is a list of all Purchase Order Items that are in a purchase order. Use the Purchase Order Items API calls to manage the Purchase Order Items in a purchase order.

Endpoints

GET {{base_url}}/api/purchase-order/{po_id}/items/{id}	List a single Purchase Order Item
GET {{base_url}}/api/purchase-order/{po_id}/items	List all Purchase Order Items in a Purchase Order
POST {{base_url}}/api/purchase-order/{po_id}/items	Create a Purchase Order Item record
PUT {{base_url}}/api/purchase-order/{po_id}/items/{id}	Update an existing Purchase Order Item record
DEL {{base_url}}/api/purchase-order/{po_id}/items/{id}	Delete a Purchase Order Item record

Get a List of Purchase Order Items

GET {{base_url}}/api/purchase-order/{po_id}/items

Parameters

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of Purchase Order Items in the response. Range of values: [0 - 1000] Default value: 1000	Integer
offset	Optional	Used by subsequent requests to get the next batch of Purchase Order Items. E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on the CPN. Possible values: desc (descending) or asc (ascending)	asc or desc

Sample Request

```
curl --location --request GET
'https://dsi.supplyframe.app/api/purchase-order/40980/items?limit=2&offset=1' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "limit": 2,
  "offset": 1,
  "nextoffset": 3,
  "po_items": [
    {
      "id": 299713,
      "cpn": "RV-BAV99",
      "created_at": "2022-05-10T15:20:58.097Z",
      "incoterm": null,
      "incoterm_location": null,
      "lead_free": null,
      "lead_time": null,
    }
  ]
}
```

```

    "manufacturer": "Texas Instruments",
    "manufacturer_id": null,
    "min": null,
    "mpn": "BAV99",
    "mult": null,
    "nc_nr": null,
    "origin_country": null,
    "package_type": null,
    "plant": null,
    "plc_status": null,
    "po_date": "2022-04-01T07:00:00.000Z",
    "po_id": 40980,
    "po_number": "PO02",
    "price": 2,
    "price_currency": 143,
    "quantity": 5,
    "rohs": null,
    "stock": null,
    "supplier": "OMRON",
    "supplier_id": null,
    "tariff": null,
    "uom": null,
    "updated_at": "2022-05-10T15:20:58.097Z"
  },
  {
    "id": 299712,
    "cpn": "RV-BAV99",
    "created_at": "2022-05-10T15:20:58.097Z",
    "incoterm": null,
    "incoterm_location": null,
    "lead_free": null,
    "lead_time": null,
    "manufacturer": "Texas Instruments",
    "manufacturer_id": null,
    "min": null,
    "mpn": "BAV99",
    "mult": null,
    "nc_nr": null,
    "origin_country": null,
    "package_type": null,
    "plant": null,
    "plc_status": null,
    "po_date": "2022-05-01T07:00:00.000Z",
    "po_id": 40980,

```

```

    "po_number": "PO03",
    "price": 3,
    "price_currency": 143,
    "quantity": 5,
    "rohs": null,
    "stock": null,
    "supplier": "OMRON",
    "supplier_id": null,
    "tariff": null,
    "uom": null,
    "updated_at": "2022-05-10T15:20:58.097Z"
  }
]
}

```

Response Item	Description	Data Type
id	The id for the Purchase Order	Integer
cpn	Customer Part Number	String
created_at	The date when the Purchase Order Item was created	Date (GMT)
incoterm	International Commercial Terms	String
incoterm_location	International Commercial Terms Location	String
lead_free	Lead Free	Boolean
lead_time	Lead Time (Days)	Integer
manufacturer	Manufacturer of the item	String
manufacturer_id	Manufacturer number	String
min	Minimum Quantity	Integer
mpn	Manufacturer Part Number	String
mult	Multiple Quantity	Integer
nc_nr	Non-Cancelable / Non-Returnable	Boolean

Response Item	Description	Data Type
origin_country	Country of Origin	String
package_type	Type of Packaging	String
plant	Plant	String
plc_status	Product Life Cycle Status	String
po_date	Purchase Order Date (GMT)	Date (GMT)
po_id	Purchase Order ID	Integer
po_number	Purchase Order Number/Name for the PO Item	String
price	Price	Number
price_currency	Price Currency ID	Integer
quantity	Quantity	Number
rohs	Restriction of Hazardous Substances Compliance	Boolean
stock	Stock Qty	Integer
supplier	Supplier Name	String
supplier_id	Supplier Number	String
tariff	Tariff	Boolean
uom	Unit of Measure	String
updated_at	The date when the Purchase Order was updated	Date (GMT)
subcontractor	Subcontractor	String
vendor	Vendor	String
quota	Quota	Integer
markup	Markup	Number
unit_cost	Unit Cost	Number

Get a Purchase Order Item

```
GET {{base_url}}/api/purchase-order/{po_id}/items/{id}
```

Parameters

Path Parameter	Description
{po_id}	The value for the Purchase Order you want to look up.
{id}	The value of the purchase order item id you want to look up.

Sample Request

```
curl --location --request GET
'https://dsi.supplyframe.app/api/purchase-order/40980/items/299713' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "id": 299713,
  "cpn": "RV-BAV99",
  "created_at": "2022-05-10T15:20:58.097Z",
  "incoterm": null,
  "incoterm_location": null,
  "lead_free": null,
  "lead_time": null,
  "manufacturer": "Texas Instruments",
  "manufacturer_id": null,
  "min": null,
  "mpn": "BAV99",
  "mult": null,
  "nc_nr": null,
  "origin_country": null,
```

```

"package_type": null,
"plant": null,
"plc_status": null,
"po_date": "2022-04-01T07:00:00.000Z",
"po_id": 40980,
"po_number": "PO02",
"price": 2,
"price_currency": 143,
"quantity": 5,
"rohs": null,
"stock": null,
"supplier": "OMRON",
"supplier_id": null,
"tariff": null,
"uom": null,
"updated_at": "2022-05-10T15:20:58.097Z"
}

```

See Purchase Order Items [Response Definitions](#)

Response Definitions

Response Item	Description	Data Type
id	The id for the Purchase Order	Integer
cpn	Customer Part Number	String
created_at	The date when the Purchase Order Item was created	Date (GMT)
incoterm	International Commercial Terms	String
incoterm_location	International Commercial Terms Location	String
lead_free	Lead Free	Boolean
lead_time	Lead Time (Days)	Integer
manufacturer	Manufacturer of the item	String

Response Item	Description	Data Type
manufacturer_id	Manufacturer number	String
min	Minimum Quantity	Integer
mpn	Manufacturer Part Number	String
mult	Multiple Quantity	Integer
nc_nr	Non-Cancelable / Non-Returnable	Boolean
origin_country	Country of Origin	String
package_type	Type of Packaging	String
plant	Plant	String
plc_status	Product Life Cycle Status	String
po_date	Purchase Order Date (GMT)	Date (GMT)
po_id	Purchase Order ID	Integer
po_number	Purchase Order Number/Name for the PO Item	String
price	Price	Number
price_currency	Price Currency ID	Integer
quantity	Quantity	Number
rohs	Restriction of Hazardous Substances Compliance	Boolean
stock	Stock Qty	Integer
supplier	Supplier Name	String
supplier_id	Supplier Number	String
tariff	Tariff	Boolean
uom	Unit of Measure	String
updated_at	The date when the Purchase Order was updated	Date (GMT)
subcontractor	Subcontractor	String

Response Item	Description	Data Type
vendor	Vendor	String
quota	Quota	Integer
markup	Markup	Number
unit_cost	Unit Cost	Number

Insert a Purchase Order Items

POST {{base_url}}/api/purchase-order/{po_id}/items

Parameters

Path Parameter	Description
{po_id}	The value of the Purchase Order you want to add items to.

Request Body				
Name	Required	Type	Value	Description
po_number	Yes	String		Purchase Order Number
cpn	Yes	String		Either MPN or CPN is required. Both can not be empty. Customer Part Number or Manufacturer Part Number
mpn	Yes	String		Either MPN or CPN is required. Both can not be empty.

manufacturer	No	String		Manufacturer of the item, name of the manufacturer
manufacturer_id	No	String		Manufacturer number or manufacturer ID
plant	No	String		Plant
supplier	Yes	String		Supplier Name
supplier_id	No	String		Supplier Number
po_date	Yes	Date (GMT)		Purchase Order Date (GMT)
quantity	Yes	Integer		Quantity of Item
price_currency	No	String / Integer		3 Letter Currency Code (e.g. "USD" or "EUR") / Numeric code
price	Yes	Number		Price of Item, could be in decimal e.g. 0.23456, only 5 numbers after the decimal point will be accepted and remaining numbers rounded off to the 5th number after the decimal point.
min	No	Integer		Minimum Quantity, minimum lot size
mult	No	Integer		Multiple Quantity, lot size multiplier
nc_nr	No	Boolean		Accepts input as 1 or 0 true or false yes or no to indicate the order as

				“Non-Cancelable / Non-Returnable”
package_type	No	String		Type of Packaging
lead_time	No	Integer		Lead Time in days
lead_free	No	Boolean		Accepts input as 1 or 0 true or false yes or no to indicate the item as Lead Free
plc_status	No	String		“Product Life Cycle Status” information
rohs	No	Boolean		Accepts input as 1 or 0 true or false yes or no to indicate the item as Restriction of Hazardous Substances Compliance
stock	No	Integer		Stock available in number
uom	No	String		Unit of Measure
tariff	No	Boolean		Accepts input as 1 or 0 true or false yes or no to indicate the item has Tariff

incoterm	No	String		International Commercial Terms
incoterm_location	No	String		International Commercial Terms Location
origin_country	No	String		Country of Origin
subcontractor	No	String		Subcontractor Name
vendor	No	String		Vendor Name
quota	No	Integer		Quota for part
markup	No	Number		Markup for part
unit_cost	No	Number		Unit Cost of part

Sample Request

```
curl --location --request POST 'https://dsi.supplyframe.app/api/purchase-order/40980/items' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'po_date=2023-12-12' \
--data-urlencode 'price=0.23' \
--data-urlencode 'quantity=1000' \
--data-urlencode 'po_number=PO10' \
--data-urlencode 'cpn=bav99' \
--data-urlencode 'manufacturer=avnet' \
--data-urlencode 'mpn=bav99' \
--data-urlencode 'supplier=Digikey'
```


Sample Response

```
[
  {
    "id": 300497,
    "cpn": "bav99",
    "created_at": "2022-05-23T06:28:21.523Z",
    "incoterm": null,
    "incoterm_location": null,
    "lead_free": null,
    "lead_time": null,
    "manufacturer": "avnet",
    "manufacturer_id": null,
    "min": null,
    "mpn": "bav99",
    "mult": null,
    "nc_nr": null,
    "origin_country": null,
    "package_type": null,
    "plant": null,
    "plc_status": null,
    "po_date": "2023-12-12T00:00:00.000Z",
    "po_id": 40980,
    "po_number": "PO10",
    "price": 0.23,
    "price_currency": null,
    "quantity": 1000,
    "rohs": null,
    "stock": null,
    "supplier": "Digikey",
    "supplier_id": null,
    "tariff": null,
    "uom": null,
    "updated_at": "2022-05-23T06:28:21.523Z"
  }
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Purchase Order	Integer
cpn	Customer Part Number	String
created_at	The date when the Purchase Order Item was created	Date (GMT)
incoterm	International Commercial Terms	String
incoterm_location	International Commercial Terms Location	String
lead_free	Lead Free	Boolean
lead_time	Lead Time (Days)	Integer
manufacturer	Manufacturer of the item	String
manufacturer_id	Manufacturer number	String
min	Minimum Quantity	Integer
mpn	Manufacturer Part Number	String
mult	Multiple Quantity	Integer
nc_nr	Non-Cancelable / Non-Returnable	Boolean
origin_country	Country of Origin	String
package_type	Type of Packaging	String
plant	Plant	String
plc_status	Product Life Cycle Status	String
po_date	Purchase Order Date (GMT)	Date (GMT)
po_id	Purchase Order ID	Integer
po_number	Purchase Order Number/Name for the PO Item	String
price	Price	Number
price_currency	Price Currency ID	Integer

Response Item	Description	Data Type
quantity	Quantity	Number
rohs	Restriction of Hazardous Substances Compliance	Boolean
stock	Stock Qty	Integer
supplier	Supplier Name	String
supplier_id	Supplier Number	String
tariff	Tariff	Boolean
uom	Unit of Measure	String
updated_at	The date when the Purchase Order was updated	Date (GMT)
subcontractor	Subcontractor	String
vendor	Vendor	String
quota	Quota	Integer
markup	Markup	Number
unit_cost	Unit Cost	Number

Update a Purchase Order Items

```
PUT {{base_url}}/api/purchase-order/{po_id}/items/{id}
```

Parameters

Path Parameter	Description
{po_id}	The value for the Purchase Order you want to look up.

{id}	The value of the purchase order item id you want to look up.
------	--

Request Body				
Name	Required	Type	Value	Description
po_number	No	String		Purchase Order Number
po_date	No	Date (GMT)		Purchase Order Date (GMT)
cpn or mpn	No	String		Customer Part Number or Manufacturer Part Number
manufacturer	No	String		Manufacturer of the item
supplier	No	String		Supplier Name
price	No	Number		Price of Item
quantity	No	Integer		Quantity of Item
incoterm	No	String		International Commercial Terms
incoterm_location	No	String		International Commercial Terms Location
lead_free	No	Boolean		Lead Free
lead_time	No	Integer		Lead Time (Days)

manufacturer_id	No	String		Manufacturer number
min	No	Integer		Minimum Quantity
mult	No	Integer		Multiple Quantity
nc_nr	No	Boolean		Non-Cancelable / Non-Returnable
origin_country	No	String		Country of Origin
package_type	No	String		Type of Packaging
plant	No	String		Plant
plc_status	No	String		Product Life Cycle Status
price_currency	No	String		3 Letter Currency Code (e.g. "USD" or "EUR")
rohs	No	Boolean		Restriction of Hazardous Substances Compliance
stock	No	Integer		Stock Qty
supplier_id	No	String		Supplier Number
tariff	No	Boolean		Tariff
uom	No	String		Unit of Measure

subcontractor	No	String		Subcontractor Name
vendor	No	String		Vendor Name
quota	No	Integer		Quota for part
markup	No	Number		Markup for part
unit_cost	No	Number		Unit Cost of part

Sample Request

```
curl --location --request PUT
'https://dsi.supplyframe.app/api/purchase-order/40980/items/300497' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'cpn_id=2345' \
--data-urlencode 'manufacturer_id=234567' \
--data-urlencode 'lead_free=1' \
--data-urlencode 'po_date=2023-12-12' \
--data-urlencode 'min=400' \
--data-urlencode 'mult=9' \
--data-urlencode 'plc_status=7' \
--data-urlencode 'price=0.23' \
--data-urlencode 'quantity=1000' \
--data-urlencode 'rohs=1' \
--data-urlencode 'stock=200' \
--data-urlencode 'uom=u100' \
--data-urlencode 'package_type=reel' \
--data-urlencode 'package_type_id=23' \
--data-urlencode 'nc_nr=1' \
--data-urlencode 'lead_time=89' \
--data-urlencode 'supplier_id=345' \
--data-urlencode 'po_number=980' \
--data-urlencode 'price_currency=1' \
```

```
--data-urlencode 'tariff=1' \
--data-urlencode 'incoterm=tt' \
--data-urlencode 'incoterm_location=46' \
--data-urlencode 'origin_country=US' \
--data-urlencode 'cpn=bav99' \
--data-urlencode 'manufacturer=avnet' \
--data-urlencode 'mpn=bav99' \
--data-urlencode 'plant=US-DEL' \
--data-urlencode 'supplier=Digikey' \
--data-urlencode 'mpn_id=349'
```

Sample Response

```
[
  {
    "id": 300497,
    "cpn": "bav99",
    "created_at": "2022-05-23T06:28:21.523Z",
    "incoterm": "tt",
    "incoterm_location": "46",
    "lead_free": true,
    "lead_time": 89,
    "manufacturer": "avnet",
    "manufacturer_id": 234567,
    "min": 400,
    "mpn": "bav99",
    "mult": 9,
    "nc_nr": true,
    "origin_country": "US",
    "package_type": "reel",
    "plant": "US-DEL",
    "plc_status": "7",
    "po_date": "2023-12-12T00:00:00.000Z",
    "po_id": 40980,
    "po_number": "980",
    "price": 0.23,
    "price_currency": 1,
    "quantity": 1000,
    "rohs": true,
    "stock": 200,
    "supplier": "Digikey",
    "supplier_id": 345,
    "tariff": true,
```

```

    "uom": "u100",
    "updated_at": "2022-05-23T06:39:53.972Z"
  }
]

```

Response Definitions

Response Item	Description	Data Type
id	The id for the Purchase Order	Integer
cpn	Customer Part Number	String
created_at	The date when the Purchase Order Item was created	Date (GMT)
incoterm	International Commercial Terms	String
incoterm_location	International Commercial Terms Location	String
lead_free	Lead Free	Boolean
lead_time	Lead Time (Days)	Integer
manufacturer	Manufacturer of the item	String
manufacturer_id	Manufacturer number	String
min	Minimum Quantity	Integer
mpn	Manufacturer Part Number	String
mult	Multiple Quantity	Integer
nc_nr	Non-Cancelable / Non-Returnable	Boolean
origin_country	Country of Origin	String
package_type	Type of Packaging	String
plant	Plant	String
plc_status	Product Life Cycle Status	String

Response Item	Description	Data Type
po_date	Purchase Order Date (GMT)	Date (GMT)
po_id	Purchase Order ID	Integer
po_number	Purchase Order Number/Name for the PO Item	String
price	Price	Number
price_currency	Price Currency ID	Integer
quantity	Quantity	Number
rohs	Restriction of Hazardous Substances Compliance	Boolean
stock	Stock Qty	Integer
supplier	Supplier Name	String
supplier_id	Supplier Number	String
tariff	Tariff	Boolean
uom	Unit of Measure	String
updated_at	The date when the Purchase Order was updated	Date (GMT)
subcontractor	Subcontractor	String
vendor	Vendor	String
quota	Quota	Integer
markup	Markup	Number
unit_cost	Unit Cost	Number

Delete a Purchase Order Items

```
DEL {{base_url}}/api/purchase-order/{po_id}/items/{id}
```

Parameters

Path Parameter	Description
{po_id}	The value for the Purchase Order you want to look up.
{id}	The value of the purchase order item id you want to look up.

Sample Request

```
curl --location --request DELETE
'https://dsi.supplyframe.app/api/purchase-order/40980/items/299712' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
[
  {
    "id": 299712,
    "cpn": "RV-BAV99",
    "created_at": "2022-05-10T15:20:58.097Z",
    "incoterm": null,
    "incoterm_location": null,
    "lead_free": null,
    "lead_time": null,
    "manufacturer": "Texas Instruments",
    "manufacturer_id": null,
    "min": null,
    "mpn": "BAV99",
    "mult": null,
    "nc_nr": null,
    "origin_country": null,
    "package_type": null,
    "plant": null,
    "plc_status": null,
    "po_date": "2022-05-01T07:00:00.000Z",
```

```

    "po_id": 40980,
    "po_number": "PO03",
    "price": 3,
    "price_currency": 143,
    "quantity": 5,
    "rohs": null,
    "stock": null,
    "supplier": "OMRON",
    "supplier_id": null,
    "tariff": null,
    "uom": null,
    "updated_at": "2022-05-10T15:20:58.097Z"
  }
]

```

Response Definitions

Response Item	Description	Data Type
id	The id for the Purchase Order	Integer
cpn	Customer Part Number	String
created_at	The date when the Purchase Order Item was created	Date (GMT)
incoterm	International Commercial Terms	String
incoterm_location	International Commercial Terms Location	String
lead_free	Lead Free	Boolean
lead_time	Lead Time (Days)	Integer
manufacturer	Manufacturer of the item	String
manufacturer_id	Manufacturer number	String
min	Minimum Quantity	Integer
mpn	Manufacturer Part Number	String
mult	Multiple Quantity	Integer

Response Item	Description	Data Type
nc_nr	Non-Cancelable / Non-Returnable	Boolean
origin_country	Country of Origin	String
package_type	Type of Packaging	String
plant	Plant	String
plc_status	Product Life Cycle Status	String
po_date	Purchase Order Date (GMT)	Date (GMT)
po_id	Purchase Order ID	Integer
po_number	Purchase Order Number/Name for the PO Item	String
price	Price	Number
price_currency	Price Currency ID	Integer
quantity	Quantity	Number
rohs	Restriction of Hazardous Substances Compliance	Boolean
stock	Stock Qty	Integer
supplier	Supplier Name	String
supplier_id	Supplier Number	String
tariff	Tariff	Boolean
uom	Unit of Measure	String
updated_at	The date when the Purchase Order was updated	Date (GMT)
subcontractor	Subcontractor	String
vendor	Vendor	String
quota	Quota	Integer
markup	Markup	Number
unit_cost	Unit Cost	Number

Contract Pricing

The Contract Pricing is a collection of all contract price lists that have been uploaded into the system. Use the Contract Pricing API calls to manage the Contract Price lists in your Supplyframe account.

Endpoints

GET {{base_url}}/api/contract-pricing/{id}	List a single Contract Price
GET {{base_url}}/api/contract-pricing	List all Contract Pricing records
POST {{base_url}}/contract-pricing	Create a Contract Pricing record
PUT {{base_url}}/api/contract-pricing/{id}	Update an existing Contract Pricing record
DEL {{base_url}}/api/contract-pricing/{id}	Delete a Contract Pricing record

Get Multiple Contract Pricing Lists

GET {{base_url}}/api/contract-pricing

Parameters

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of Contract Pricing Lists in the response. Range of values: [0 - 1000] Default value: 1000	Integer
offset	Optional	Used by subsequent requests to get the next batch of Contract Pricing Lists. E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on the created_at date. Possible values: desc (descending) or asc (ascending)	asc or desc

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/contract-pricing?limit=3&offset=1&sortorder=desc' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "limit": 3,
  "offset": 1,
  "sortorder": "desc",
  "nextoffset": 4,
  "cp": [
    {
      "id": 1719,
      "name": "CPBSM4YK8CGDN",
      "location_id": 293,
      "created_at": "2022-05-24T00:07:34.527Z",
      "updated_at": "2022-05-24T00:07:34.527Z"
    }
  ],
}
```

```

{
  "id": 1717,
  "name": "NEWAMLZJMZV8YRY2",
  "location_id": 298,
  "created_at": "2022-05-23T21:49:39.719Z",
  "updated_at": "2022-05-23T21:55:57.411Z"
},
{
  "id": 1675,
  "name": "CP13",
  "location_id": 293,
  "created_at": "2022-05-15T11:06:47.411Z",
  "updated_at": "2022-05-20T11:41:15.197Z"
}
]
}

```

Response Definitions

Response Item	Description	Data Type
id	The id for the Contract Pricing	Integer
name	The Contract Pricing name	String
created_at	The date when the Contract Pricing was created	Date (GMT)
updated_at	The date when the Contract Pricing was updated	Date (GMT)
location_id	The location id of the Contract Pricing	Integer

Get a Contract Pricing List

```
GET {{base_url}}/api/contract-pricing/{id}
```

Parameters

Path Parameter	Description
----------------	-------------

{id}	The value for the Contract Pricing record you want to look up.
------	--

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/contract-pricing/1719' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "id": 1719,
  "name": "CPBSM4YK8CGDN",
  "location_id": 293,
  "created_at": "2022-05-24T00:07:34.527Z",
  "updated_at": "2022-05-24T00:07:34.527Z"
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Contract Pricing	Integer
name	The Contract Pricing name	String
created_at	The date when the Contract Pricing was created	Date (GMT)
updated_at	The date when the Contract Pricing was updated	Date (GMT)
location_id	The location id that of the Contract Pricing	Integer

Insert a Contract Pricing List

```
POST {{base_url}}/contract-pricing
```

Parameters

Request Body				
Name	Required	Type	Value	Description
name	Yes	String		The name of the Contract Pricing.
location_id	No	Integer		The location id of the Contract Pricing

Sample Request

```
curl --location --request POST 'https://dsi.supplyframe.app/api/contract-pricing' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'name=RV-CP02'
```

Sample Response

```
[
  {
    "id": 1722,
    "name": "RV-CP02",
    "location_id": 293,
    "created_at": "2022-05-24T13:54:15.473Z",
    "updated_at": "2022-05-24T13:54:15.473Z"
  }
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Contract Pricing	Integer
name	The Contract Pricing name	String

created_at	The date when the Contract Pricing was created	Date (GMT)
updated_at	The date when the Contract Pricing was updated	Date (GMT)
location_id	The location id that of the Contract Pricing	Integer

Update a Contract Pricing List

```
PUT {{base_url}}/api/contract-pricing/{id}
```

Parameters

Path Parameter	Description
{id}	The value for the Contract Pricing record you want to look up.

Request Body				
Name	Required	Type	Value	Description
name	No	String		The name of the Contract Pricing list
location_id	No	Integer		The location id of the Contract Pricing list

Sample Request

```
curl --location --request PUT 'https://dsi.supplyframe.app/api/contract-pricing/1722' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'name=RV-CP02_updated'
```

Sample Response

```
{
  "id": 1722,
  "name": "RV-CP02_updated",
  "location_id": 293,
  "created_at": "2022-05-24T13:54:15.473Z",
  "updated_at": "2022-05-24T13:56:45.177Z"
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Contract Pricing	Integer
name	The Contract Pricing name	String
created_at	The date when the Contract Pricing was created	Date (GMT)
updated_at	The date when the Contract Pricing was updated	Date (GMT)
location_id	The location id that of the Contract Pricing	Integer

Delete a Contract Pricing List

```
DEL {{base_url}}/api/contract-pricing/{id}
```

Parameters

Path Parameter	Description
{id}	The value for the Contract Pricing you want to look up.

Sample Request

```
curl --location --request DELETE 'https://dsi.supplyframe.app/api/contract-pricing/1722' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
[
  {
    "id": 1722,
    "name": "RV-CP02_updated",
    "location_id": 293,
    "created_at": "2022-05-24T13:54:15.473Z",
    "updated_at": "2022-05-24T13:56:45.177Z"
  }
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Contract Pricing	Integer
name	The Contract Pricing name	String
created_at	The date when the Contract Pricing was created	Date (GMT)
updated_at	The date when the Contract Pricing was updated	Date (GMT)
location_id	The location id that of the Contract Pricing	Integer

Contract Pricing Items

The Contract Pricing Items is a collection of all contract pricing items in a contract price list that have been uploaded into the system. Use the Contract Pricing Items API calls to manage the Contract Pricing items in a list in your Supplyframe account.

Endpoints

GET {{base_url}}/api/contract-pricing/{cp_id}/items/{id}	List a single Contract Pricing Item record
GET {{base_url}}/api/contract-pricing/{cp_id}/items	List all Contract Pricing Items in a list
POST {{base_url}}/api/contract-pricing/{cp_id}/items	Create a Contract Pricing Item record
PUT {{base_url}}/api/contract-pricing/{cp_id}/items/{id}	Update an existing Contract Pricing Item record
DEL {{base_url}}/api/contract-pricing/{cp_id}/items/{id}	Delete a Contract Pricing Item record

Get a List of Contract Pricing Items

```
GET {{base_url}}/api/contract-pricing/{cp_id}/items
```

Parameters

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of Contract Pricing List Items in the response. Range of values: [0 - 1000] Default value: 1000	Integer
offset	Optional	Used by subsequent requests to get the next batch of Contract Pricing List Items. E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on the CPN. Possible values: desc (descending) or asc (ascending)	asc or desc

Sample Request

```
curl --location --request GET
'https://dsi.supplyframe.app/api/contract-pricing/1675/items?limit=2' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "limit": 2,
  "offset": 0,
  "nextoffset": 2,
  "cp_items": [
    {
      "id": 2891155,
      "cp_id": 1675,
      "lead_free": null,
      "min": null,
      "mult": null,
      "plc_status": null,
      "price": 0.12,
      "quantity": 1,
      "rohs": null,
      "stock": null,
      "uom": null,
      "created_at": "2022-05-23T19:08:55.410Z",
      "updated_at": "2022-05-23T19:08:55.410Z",
      "nc_nr": null,
      "lead_time": null,
      "effective_date": null,
      "expiration_date": null,
      "price_currency": 143,
      "package_type": null,
      "incoterm": null,
      "incoterm_location": null,
      "origin_country": null,
      "tariff": null,
      "cpn": null,
      "mpn": "AOL-2777-02 RE",
    }
  ]
}
```

```

    "manufacturer": "Kyocera",
    "supplier": "AVNET",
    "manufacturer_id": null,
    "supplier_id": null,
    "quota": null,
    "vendor": null,
    "vendor_id": null,
    "markup": null,
    "unit_cost": null,
    "target_price": null,
    "price_application": null,
    "item_status": null,
    "plant": null,
    "subcontractor": null
  },
  {
    "id": 2891154,
    "cp_id": 1675,
    "lead_free": null,
    "min": null,
    "mult": null,
    "plc_status": null,
    "price": 1,
    "quantity": 0,
    "rohs": null,
    "stock": null,
    "uom": null,
    "created_at": "2022-05-23T15:08:07.939Z",
    "updated_at": "2022-05-23T15:08:07.939Z",
    "nc_nr": null,
    "lead_time": null,
    "effective_date": null,
    "expiration_date": null,
    "price_currency": 143,
    "package_type": null,
    "incoterm": null,
    "incoterm_location": null,
    "origin_country": null,
    "tariff": null,
    "cpn": "BAV99",
    "mpn": null,
    "manufacturer": null,
    "supplier": "Avnet",
    "manufacturer_id": null,

```

```

        "supplier_id": null,
        "quota": null,
        "vendor": null,
        "vendor_id": null,
        "markup": null,
        "unit_cost": null,
        "target_price": null,
        "price_application": null,
        "item_status": null,
        "plant": null,
        "subcontractor": null
    }
}
]
}

```

Response Definitions

Response Item	Description	Data Type
id	The id for the Contract Pricing Item	Integer
cp_id	The id for the Contract Price List	Integer
cpn	Customer Part Number	String
created_at	The date when the CP Item was created	Date (GMT)
effective_date	Start Date (GMT)	Date (GMT)
expiration_date	Expire Date (GMT)	Date (GMT)
incoterm	International Commercial Terms	String
incoterm_location	International Commercial Terms Location	String
item_status	Status of the CP Item	String
lead_free	Lead Free	Boolean
lead_time	Lead Time (Days)	Integer
manufacturer	Manufacturer of the item	String

manufacturer_id	Manufacturer number	String
markup	Markup	Number
min	Minimum Quantity	Integer
mpn	Manufacturer Part Number	String
mult	Multiple Quantity	Integer
nc_nr	Non-Cancelable / Non-Returnable	Boolean
origin_country	Country of Origin	String
package_type	Type of Packaging	String
plant	Plant	String
plc_status	Product Life Cycle Status	String
price	Price of the CP Item	Number
price_application	Price Application	String
price_currency	Price Currency	Integer
quantity	Quantity	Number
quota	Quota	Integer
rohs	Restriction of Hazardous Substances Compliance	Boolean
stock	Stock Qty	Integer
subcontractor	Subcontractor	String
supplier	Supplier Name	String
supplier_id	Supplier Number	String
target_price	Target Price	Number
tariff	Tariff	Boolean
unit_cost	Unit Cost	Number
uom	Unit of Measure	String

updated_at	The date when the Purchase Order was updated	Date (GMT)
vendor	Vendor	String
vendor_id	Vendor Number	String

Get a Contract Pricing Item

```
GET {{base_url}}/api/contract-pricing/{cp_id}/items/{id}
```

Parameters

Path Parameter	Description
{cp_id}	The value for the Contract Pricing List you want to look up.
{id}	The value for the Contract Pricing Item you want to look up.

Sample Request

```
curl --location --request GET
'https://dsi.supplyframe.app/api/contract-pricing/1675/items/2891155' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "id": 2891155,
  "cp_id": 1675,
  "lead_free": null,
  "min": null,
  "mult": null,
  "plc_status": null,
```

```

"price": 0.12,
"quantity": 1,
"rohs": null,
"stock": null,
"uom": null,
"created_at": "2022-05-23T19:08:55.410Z",
"updated_at": "2022-05-23T19:08:55.410Z",
"nc_nr": null,
"lead_time": null,
"effective_date": null,
"expiration_date": null,
"price_currency": 143,
"package_type": null,
"incoterm": null,
"incoterm_location": null,
"origin_country": null,
"tariff": null,
"cpn": null,
"mpn": "AOL-2777-02 RE",
"manufacturer": "Kyocera",
"supplier": "AVNET",
"manufacturer_id": null,
"supplier_id": null,
"quota": null,
"vendor": null,
"vendor_id": null,
"markup": null,
"unit_cost": null,
"target_price": null,
"price_application": null,
"item_status": null,
"plant": null,
"subcontractor": null
}

```

Response Definitions

Response Item	Description	Data Type
id	The id for the Contract Pricing Item	Integer
cp_id	The id for the Contract Price List	Integer

cpn	Customer Part Number	String
created_at	The date when the CP Item was created	Date (GMT)
effective_date	Start Date (GMT)	Date (GMT)
expiration_date	Expire Date (GMT)	Date (GMT)
incoterm	International Commercial Terms	String
incoterm_location	International Commercial Terms Location	String
item_status	Status of the CP Item	String
lead_free	Lead Free	Boolean
lead_time	Lead Time (Days)	Integer
manufacturer	Manufacturer of the item	String
manufacturer_id	Manufacturer number	String
markup	Markup	Number
min	Minimum Quantity	Integer
mpn	Manufacturer Part Number	String
mult	Multiple Quantity	Integer
nc_nr	Non-Cancelable / Non-Returnable	Boolean
origin_country	Country of Origin	String
package_type	Type of Packaging	String
plant	Plant	String
plc_status	Product Life Cycle Status	String
price	Price of the CP Item	Number
price_application	Price Application	String
price_currency	Price Currency	Integer

quantity	Quantity	Number
quota	Quota	Integer
rohs	Restriction of Hazardous Substances Compliance	Boolean
stock	Stock Qty	Integer
subcontractor	Subcontractor	String
supplier	Supplier Name	String
supplier_id	Supplier Number	String
target_price	Target Price	Number
tariff	Tariff	Boolean
unit_cost	Unit Cost	Number
uom	Unit of Measure	String
updated_at	The date when the Purchase Order was updated	Date (GMT)
vendor	Vendor	String
vendor_id	Vendor Number	String

Insert a Contract Pricing Item

```
POST {{base_url}}/api/contract-pricing/{cp_id}/items
```

Parameters

Path Parameter	Description
{cp_id}	The value for the Contract Pricing List you want to look up.

Request Body				
Name	Required	Type	Value	Description
cpn	Yes or mpn	String		Customer Part Number
mpn	Yes or cpn	String		Manufacturer Part Number
price	Yes	Number		Price
supplier	Yes	String		Supplier Name
effective_date	No	Date (GMT)		The date when the price for the item becomes effective
expiration_date	No	Date (GMT)		The date when the price for the item expires
incoterm	No	String		International Commercial Terms
incoterm_location	No	String		International Commercial Terms Location
item_status	No	String		Status of the Contract Pricing Item
lead_free	No	Boolean		Lead Free
lead_time	No	Integer		Lead Time (Days)
manufacturer	No	String		Manufacturer of the item
manufacturer_id	No	String		Manufacturer number
markup	No	Number		Markup
min	No	Integer		Minimum Quantity
mult	No	Integer		Multiple Quantity
nc_nr	No	Boolean		Non-Cancelable / Non-Returnable
origin_country	No	String		Country of Origin
package_type	No	String		Type of Packaging
plant	No	String		Plant

plc_status	No	String		Product Life Cycle Status
price_application	No	String		Price Application
price_currency	No	String / Integer		3 Letter Currency Code (e.g. "USD" or "EUR") / Numeric code
quantity	No	Number		Quantity
quota	No	Number		Quota
rohs	No	Boolean		Restriction of Hazardous Substances Compliance
stock	No	Integer		Stock Qty
subcontractor	No	String		Subcontractor
supplier_id	No	String		Supplier Number
target_price	No	Number		Target Price
tariff	No	Boolean		Tariff
unit_cost	No	Number		Unit Cost
uom	No	String		Unit of Measure
vendor	No	String		Vendor
vendor_id	No	String		Vendor ID

Sample Request

```
curl --location --request POST 'https://dsi.supplyframe.app/api/contract-pricing/1720/items' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'cpn_id=1' \
--data-urlencode 'manufacturer_id=2' \
--data-urlencode 'mpn_id=3' \
--data-urlencode 'lead_free=1' \
--data-urlencode 'min=100' \
--data-urlencode 'mult=1' \
--data-urlencode 'plc_status=y' \
--data-urlencode 'price=0.24' \
--data-urlencode 'quantity=100' \
```

```

--data-urlencode 'rohs=t' \
--data-urlencode 'stock=5000' \
--data-urlencode 'uom=7' \
--data-urlencode 'package_type=reel' \
--data-urlencode 'nc_nr=y' \
--data-urlencode 'lead_time=7' \
--data-urlencode 'supplier_id=9' \
--data-urlencode 'effective_date=08-06-2022' \
--data-urlencode 'expiration_date=08-06-2023' \
--data-urlencode 'price_currency=1' \
--data-urlencode 'tariff=yes' \
--data-urlencode 'incoterm=7' \
--data-urlencode 'incoterm_location=loc_id' \
--data-urlencode 'origin_country=US' \
--data-urlencode 'cpn=bav99' \
--data-urlencode 'manufacturer=SF' \
--data-urlencode 'mpn=bav99_SF' \
--data-urlencode 'plant=SCal' \
--data-urlencode 'subcontractor=pemberm' \
--data-urlencode 'supplier=avnet' \
--data-urlencode 'quota=8' \
--data-urlencode 'vendor=pbs' \
--data-urlencode 'vendor_id=78' \
--data-urlencode 'markup=0.024' \
--data-urlencode 'unit_cost=0.35' \
--data-urlencode 'target_price=0.40' \
--data-urlencode 'price_application=test101' \
--data-urlencode 'item_status=active'

```

Sample Response

```

[
  {
    "id": 2891209,
    "cp_id": 1720,
    "lead_free": true,
    "min": 100,
    "mult": 1,
    "plc_status": "y",
    "price": 0.24,
    "quantity": 100,
    "rohs": true,

```



```

    "stock": 5000,
    "uom": "7",
    "created_at": "2022-05-27T06:50:46.172Z",
    "updated_at": "2022-05-27T06:50:46.172Z",
    "nc_nr": true,
    "lead_time": 7,
    "effective_date": "2022-08-06T00:00:00.000Z",
    "expiration_date": "2023-08-06T00:00:00.000Z",
    "price_currency": 1,
    "package_type": "reel",
    "incoterm": "7",
    "incoterm_location": "loc_id",
    "origin_country": "US",
    "tariff": true,
    "cpn": "bav99",
    "mpn": "bav99_SF",
    "manufacturer": "SF",
    "supplier": "avnet",
    "manufacturer_id": "2",
    "supplier_id": "9",
    "quota": 8,
    "vendor": "pbs",
    "vendor_id": "78",
    "markup": 0.024,
    "unit_cost": 0.35,
    "target_price": 0.4,
    "price_application": "test101",
    "item_status": "active",
    "plant": "SCal",
    "subcontractor": "pemberm"
  }
]

```

Response Definitions

Response Item	Description	Data Type
id	The id for the Contract Pricing Item	Integer
cp_id	The id for the Contract Price List	Integer

cpn	Customer Part Number	String
created_at	The date when the CP Item was created	Date (GMT)
effective_date	Start Date (GMT)	Date (GMT)
expiration_date	Expire Date (GMT)	Date (GMT)
incoterm	International Commercial Terms	String
incoterm_location	International Commercial Terms Location	String
item_status	Status of the CP Item	String
lead_free	Lead Free	Boolean
lead_time	Lead Time (Days)	Integer
manufacturer	Manufacturer of the item	String
manufacturer_id	Manufacturer number	String
markup	Markup	Number
min	Minimum Quantity	Integer
mpn	Manufacturer Part Number	String
mult	Multiple Quantity	Integer
nc_nr	Non-Cancelable / Non-Returnable	Boolean
origin_country	Country of Origin	String
package_type	Type of Packaging	String
plant	Plant	String
plc_status	Product Life Cycle Status	String
price	Price of the CP Item	Number
price_application	Price Application	String
price_currency	Price Currency	Integer

quantity	Quantity	Number
quota	Quota	Integer
rohs	Restriction of Hazardous Substances Compliance	Boolean
stock	Stock Qty	Integer
subcontractor	Subcontractor	String
supplier	Supplier Name	String
supplier_id	Supplier Number	String
target_price	Target Price	Number
tariff	Tariff	Boolean
unit_cost	Unit Cost	Number
uom	Unit of Measure	String
updated_at	The date when the Purchase Order was updated	Date (GMT)
vendor	Vendor	String
vendor_id	Vendor Number	String

Update a Contract Pricing Item

```
PUT {{base_url}}/api/contract-pricing/{cp_id}/items/{id}
```

Parameters

Path Parameter	Description
{cp_id}	The value for the Contract Pricing List you want to look up.

{id}	The value for the Contract Pricing Item you want to look up.
------	--

Request Body				
Name	Required	Type	Value	Description
cpn	No	String		Customer Part Number
mpn	No	String		Manufacturer Part Number
price	No	Number		Price
supplier	No	String		Supplier Name
effective_date	No	Date (GMT)		The date when the price for the item becomes effective
expiration_date	No	Date (GMT)		The date when the price for the item expires
incoterm	No	String		International Commercial Terms
incoterm_location	No	String		International Commercial Terms Location
item_status	No	String		Status of the Contract Pricing Item
lead_free	No	Boolean		Lead Free
lead_time	No	Integer		Lead Time (Days)
manufacturer	No	String		Manufacturer of the item
manufacturer_id	No	String		Manufacturer number
markup	No	Number		Markup
min	No	Integer		Minimum Quantity
mult	No	Integer		Multiple Quantity
nc_nr	No	Boolean		Non-Cancelable / Non-Returnable

origin_country	No	String		Country of Origin
package_type	No	String		Type of Packaging
plant	No	String		Plant
plc_status	No	String		Product Life Cycle Status
price_application	No	String		Price Application
price_currency	No	Integer		Price Currency
quantity	No	Number		Quantity
quota	No	Number		Quota
rohs	No	Boolean		Restriction of Hazardous Substances Compliance
stock	No	Integer		Stock Qty
subcontractor	No	String		Subcontractor
supplier_id	No	String		Supplier Number
target_price	No	Number		Target Price
tariff	No	Boolean		Tariff
unit_cost	No	Number		Unit Cost
uom	No	String		Unit of Measure
vendor	No	String		Vendor
vendor_id	No	String		Vendor ID

Sample Request

```
curl --location --request PUT
'https://dsi.supplyframe.app/api/contract-pricing/1720/items/2891209' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'quantity=1000' \
--data-urlencode 'stock=50000' \
--data-urlencode 'item_status=not active'
```

Sample Response

```
{
  "id": 2891209,
  "cp_id": 1720,
  "lead_free": true,
  "min": 100,
  "mult": 1,
  "plc_status": "y",
  "price": 0.24,
  "quantity": 1000,
  "rohs": true,
  "stock": 50000,
  "uom": "7",
  "created_at": "2022-05-27T06:50:46.172Z",
  "updated_at": "2022-05-27T06:59:28.284Z",
  "nc_nr": true,
  "lead_time": 7,
  "effective_date": "2022-08-06T00:00:00.000Z",
  "expiration_date": "2023-08-06T00:00:00.000Z",
  "price_currency": 1,
  "package_type": "reel",
  "incoterm": "7",
  "incoterm_location": "loc_id",
  "origin_country": "US",
  "tariff": true,
  "cpn": "bav99",
  "mpn": "bav99_SF",
  "manufacturer": "SF",
  "supplier": "avnet",
  "manufacturer_id": "testbav99",
  "supplier_id": "sf_bav99",
  "quota": 8,
  "vendor": "pbs",
  "vendor_id": "78",
  "markup": 0.024,
  "unit_cost": 0.35,
  "target_price": 0.4,
  "price_application": "test101",
  "item_status": "not active",
  "plant": "SCal",
  "subcontractor": "pemberm"
```

}

Response Definitions

Response Item	Description	Data Type
id	The id for the Contract Pricing Item	Integer
cp_id	The id for the Contract Price List	Integer
cpn	Customer Part Number	String
created_at	The date when the CP Item was created	Date (GMT)
effective_date	Start Date (GMT)	Date (GMT)
expiration_date	Expire Date (GMT)	Date (GMT)
incoterm	International Commercial Terms	String
incoterm_location	International Commercial Terms Location	String
item_status	Status of the CP Item	String
lead_free	Lead Free	Boolean
lead_time	Lead Time (Days)	Integer
manufacturer	Manufacturer of the item	String
manufacturer_id	Manufacturer number	String
markup	Markup	Number
min	Minimum Quantity	Integer
mpn	Manufacturer Part Number	String
mult	Multiple Quantity	Integer
nc_nr	Non-Cancelable / Non-Returnable	Boolean
origin_country	Country of Origin	String

package_type	Type of Packaging	String
plant	Plant	String
plc_status	Product Life Cycle Status	String
price	Price of the CP Item	Number
price_application	Price Application	String
price_currency	Price Currency	Integer
quantity	Quantity	Number
quota	Quota	Integer
rohs	Restriction of Hazardous Substances Compliance	Boolean
stock	Stock Qty	Integer
subcontractor	Subcontractor	String
supplier	Supplier Name	String
supplier_id	Supplier Number	String
target_price	Target Price	Number
tariff	Tariff	Boolean
unit_cost	Unit Cost	Number
uom	Unit of Measure	String
updated_at	The date when the Purchase Order was updated	Date (GMT)
vendor	Vendor	String
vendor_id	Vendor Number	String

Delete a Contract Pricing Item

```
DEL {{base_url}}/api/contract-pricing/{cp_id}/items/{id}
```


Parameters

Path Parameter	Description
{cp_id}	The value for the Contract Pricing List you want to look up.
{id}	The value for the Contract Pricing Item you want to look up.

Sample Request

```
curl --location --request DELETE
'https://dsi.supplyframe.app/api/contract-pricing/1675/items/2891155' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
[
  {
    "id": 2891155,
    "cp_id": 1675,
    "lead_free": null,
    "min": null,
    "mult": null,
    "plc_status": null,
    "price": 0.12,
    "quantity": 1,
    "rohs": null,
    "stock": null,
    "uom": null,
    "created_at": "2022-05-23T19:08:55.410Z",
    "updated_at": "2022-05-23T19:08:55.410Z",
    "nc_nr": null,
    "lead_time": null,
    "effective_date": null,
    "expiration_date": null,
    "price_currency": 143,
    "package_type": null,
    "incoterm": null,
    "incoterm_location": null,
  }
]
```

```

    "origin_country": null,
    "tariff": null,
    "cpn": null,
    "mpn": "AOL-2777-02 RE",
    "manufacturer": "Kyocera",
    "supplier": "AVNET",
    "manufacturer_id": null,
    "supplier_id": null,
    "quota": null,
    "vendor": null,
    "vendor_id": null,
    "markup": null,
    "unit_cost": null,
    "target_price": null,
    "price_application": null,
    "item_status": null,
    "plant": null,
    "subcontractor": null
  }
]

```

Response Definitions

Response Item	Description	Data Type
id	The id for the Contract Pricing Item	Integer
cp_id	The id for the Contract Price List	Integer
cpn	Customer Part Number	String
created_at	The date when the CP Item was created	Date (GMT)
effective_date	Start Date (GMT)	Date (GMT)
expiration_date	Expire Date (GMT)	Date (GMT)
incoterm	International Commercial Terms	String
incoterm_location	International Commercial Terms Location	String
item_status	Status of the CP Item	String

lead_free	Lead Free	Boolean
lead_time	Lead Time (Days)	Integer
manufacturer	Manufacturer of the item	String
manufacturer_id	Manufacturer number	String
markup	Markup	Number
min	Minimum Quantity	Integer
mpn	Manufacturer Part Number	String
mult	Multiple Quantity	Integer
nc_nr	Non-Cancelable / Non-Returnable	Boolean
origin_country	Country of Origin	String
package_type	Type of Packaging	String
plant	Plant	String
plc_status	Product Life Cycle Status	String
price	Price of the CP Item	Number
price_application	Price Application	String
price_currency	Price Currency	Integer
quantity	Quantity	Number
quota	Quota	Integer
rohs	Restriction of Hazardous Substances Compliance	Boolean
stock	Stock Qty	Integer
subcontractor	Subcontractor	String
supplier	Supplier Name	String
supplier_id	Supplier Number	String
target_price	Target Price	Number
tariff	Tariff	Boolean

unit_cost	Unit Cost	Number
uom	Unit of Measure	String
updated_at	The date when the Purchase Order was updated	Date (GMT)
vendor	Vendor	String
vendor_id	Vendor Number	String

Suppliers

The Supplier API is a collection of all suppliers in the system. Use the Suppliers API calls to manage the Suppliers that are uploaded and linked in your Supplyframe account.

Endpoints

GET {{base_url}}/api/suppliers/{id}	List a single Supplier
GET {{base_url}}/api/suppliers	List all Suppliers
POST {{base_url}}/api/suppliers	Create a Supplier record
PUT {{base_url}}/api/suppliers/{id}	Update an existing Supplier record

Get a List of Suppliers

Please note that you can only get the list of suppliers that you have uploaded and linked in your Supplyframe account.

```
GET {{base_url}}/api/suppliers
```

Parameters

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of Suppliers in the response. Range of values: [0 - 1000] Default value: 1000	Integer
offset	Optional	Used by subsequent requests to get the next batch of Supplier records. E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on the created_at date. Possible values: desc (descending) or asc (ascending)	asc or desc

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/suppliers?limit=2' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "limit": 2,
  "offset": 0,
  "sortorder": "asc",
  "nextoffset": 2,
  "suppliers": [
    {
      "id": 2481,
      "s_id": "100",
      "parent_s_id": null,
      "name": "joshica",
      "type": null,
      "status": ""
    }
  ]
}
```

```

    "url": "https://wikipedia.org",
    "address": "543 S Ave 60",
    "city": "Los Angeles",
    "state": "",
    "zipcode": "",
    "country": "",
    "country_code": "US",
    "phone_number": "8888877777",
    "duns_code": "E40"
    "disabled": false,
    "created_at": "2021-07-30T13:49:01.495Z",
    "updated_at": "2021-07-30T13:49:01.495Z"
  },
  {
    "id": 2482,
    "s_id": "101",
    "parent_s_id": null,
    "name": "OMRON",
    "type": null,
    "status": "",
    "url": "",
    "address": "",
    "city": "",
    "state": "",
    "zipcode": "",
    "country": "",
    "country_code": "",
    "phone_number": "",
    "duns_code": "",
    "disabled": false,
    "created_at": "2021-07-30T18:49:15.228Z",
    "updated_at": "2021-07-30T18:49:15.228Z"
  }
]
}

```

Response Definitions

Response Item	Description	Data Type
id	The id for the Supplier	Integer

s_id	Supplier Number	String (10)
name	Supplier Name	String
type	Type of Supplier	String
parent_s_id	Parent Supplier Number	String
status	Status	String
url	URL	String
address	Address	String
city	City	String
state	State	String
zipcode	Zip Code	String
country	Country	String
country_code	Country Code	String
phone_number	Phone Number	String
duns_code	DUNS Code	String
disabled	Enabled/Disabled Supplier State	Boolean
created_at	Created At Date (GMT)	Date (GMT)
updated_at	Updated At Date (GMT)	Date (GMT)

Get a Supplier

```
GET {{base_url}}/api/suppliers/{id}
```

Parameters

Path Parameter	Description
----------------	-------------

{id}	The value for the supplier you want to look up.
------	---

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/suppliers/51534' \
--header 'x-sfa-token: {token}'
```

You can pass more than one id: /api/suppliers/2481,2482,51461,51534

Sample Response

```
{
  "id": 51534,
  "s_id": "SAGA_1605_2",
  "parent_s_id": "",
  "name": "Saga,",
  "type": "Distributor",
  "status": "",
  "url": "",
  "address": "",
  "city": "",
  "state": "",
  "zipcode": "",
  "country": "",
  "country_code": "",
  "phone_number": "",
  "duns_code": "",
  "cage_code": "",
  "created_at": "2025-05-17T00:11:50.878Z",
  "updated_at": "2025-05-17T00:11:50.878Z",
  "disabled": false,
  "tags": [
    {
      "id": 3,
      "name": "T3"
    },
    {
      "id": 200,
      "name": "test_new_tag"
    },
  ],
}
```



```

    {
      "id": 1272,
      "name": "217tag"
    }
  ]
}

```

Response Definitions

Response Item	Description	Data Type
id	The id for the Supplier	Integer
s_id	Supplier Number	String (10)
name	Supplier Name	String
type	Type of Supplier	String
parent_s_id	Parent Supplier Number	String
status	Status	String
url	URL	String
address	Address	String
city	City	String
state	State	String
zipcode	Zip Code	String
country	Country	String
country_code	Country Code	String
phone_number	Phone Number	String
duns_code	DUNS Code	String
cage_code	CAGE Code	String
disabled	Enabled/Disabled Supplier State	Boolean
created_at	Created At Date (GMT)	Date (GMT)

updated_at	Updated At Date (GMT)	Date (GMT)
tags	List of supplier tags	Object

Insert a Supplier

POST {{base_url}}/api/suppliers	Create a supplier
---------------------------------	-------------------

Parameters

Request Body				
Name	Required	Type	Value	Description
s_id	Yes	String (10)		Supplier Number
name	Yes	String		Supplier Name
type	Yes	String		Type of Supplier
parent_s_id	No	String		Parent Supplier Number
status	No	String		Status
url	No	String		URL
address	No	String		Address
city	No	String		City
state	No	String		State
zipcode	No	String		Zip Code
country	No	String		Country
country_code	No	String		Country Code
phone_number	No	String		Phone Number
duns_code	No	String		DUNS Code

cage_code	No	String		CAGE Code
disabled	No	Boolean		Enabled/Disabled Supplier State

Sample Request

```
curl --location 'https://dsi.qa.supplyframe.app/api/suppliers' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'name=TestSupplier-DisabledState' \
--data-urlencode 's_id=TS-DS05' \
--data-urlencode 'type=Manufacturer' \
--data-urlencode 'disabled=True'
```

Sample Response

```
{
  "id": 12664,
  "name": "TestSupplier-DisabledState",
  "s_id": "TS-DS05",
  "parent_s_id": null,
  "created_at": "2023-03-21T04:05:50.245Z",
  "updated_at": "2023-03-21T04:05:50.245Z",
  "type": "Manufacturer",
  "status": "",
  "url": "",
  "address": "",
  "city": "",
  "state": "",
  "zipcode": "",
  "country": "",
  "country_code": "",
  "phone_number": "",
  "duns_code": "",
  "cage_code": "",
  "disabled": true
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Supplier	Integer
s_id	Supplier Number	String (10)
name	Supplier Name	String
type	Type of Supplier	String
parent_s_id	Parent Supplier Number	String
status	Status	String
url	URL	String
address	Address	String
city	City	String
state	State	String
zipcode	Zip Code	String
country	Country	String
country_code	Country Code	String
phone_number	Phone Number	String
duns_code	DUNS Code	String
cage_code	CAGE Code	String
disabled	Enabled/Disabled Supplier State	Boolean
created_at	Created At Date (GMT)	Date (GMT)
updated_at	Updated At Date (GMT)	Date (GMT)

Update a Supplier

PUT {{base_url}}/api/suppliers/{id}	Update an existing Supplier record
-------------------------------------	------------------------------------

Parameters

Path Parameter	Description
{id}	The value for the supplier you want to look up.

Request Body				
Name	Required	Type	Value	Description
s_id	No	String (10)		Supplier Number
name	No	String		Supplier Name
type	No	String		Type of Supplier
parent_s_id	No	String		Parent Supplier Number
status	No	String		Status
url	No	String		URL
address	No	String		Address
city	No	String		City
state	No	String		State
zipcode	No	String		Zip Code
country	No	String		Country
country_code	No	String		Country Code
phone_number	No	String		Phone Number
duns_code	No	String		DUNS Code
cage_code	No	String		CAGE Code
disabled	No	Boolean		Enabled/Disabled Supplier State

Sample Request

```
curl --location --request PUT 'https://dsi.qa.supplyframe.app/api/suppliers/12664' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'type=Manufacturer' \
--data-urlencode 'address=543 S Ave 60' \
--data-urlencode 'city=Los Angeles' \
--data-urlencode 'state=CA' \
--data-urlencode 'zipcode=90042' \
--data-urlencode 'country=United States of America' \
--data-urlencode 'disabled=false'
```

Sample Response

```
{
  "id": 12664,
  "s_id": "TS-DS05",
  "parent_s_id": null,
  "name": "TestSupplier-DisabledState",
  "type": "Manufacturer",
  "status": "",
  "url": "",
  "address": "543 S Ave 60",
  "city": "Los Angeles",
  "state": "CA",
  "zipcode": "90042",
  "country": "United States of America",
  "country_code": "",
  "phone_number": "",
  "duns_code": "",
  "cage_code": "",
  "disabled": false,
  "created_at": "2023-03-21T04:05:50.245Z",
  "updated_at": "2023-03-21T04:10:07.770Z"
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Supplier	Integer

s_id	Supplier Number	String (10)
name	Supplier Name	String
type	Type of Supplier	String
parent_s_id	Parent Supplier Number	String
status	Status	String
url	URL	String
address	Address	String
city	City	String
state	State	String
zipcode	Zip Code	String
country	Country	String
country_code	Country Code	String
phone_number	Phone Number	String
duns_code	DUNS Code	String
cage_code	CAGE Code	String
disabled	Enabled/Disabled Supplier State	Boolean
created_at	Created At Date (GMT)	Date (GMT)
updated_at	Updated At Date (GMT)	Date (GMT)

Supplier Contacts

The Supplier Contacts API is a collection of all supplier contacts in the system. Use the Suppliers Contacts API calls to manage the Supplier contacts in your Supplyframe account.

Endpoints

GET {{base_url}}/api/supplier-contacts/{id}	List a single Supplier Contact
---	--------------------------------

GET {{base_url}}/api/supplier-contacts//supplier_s_id/{supplier_s_id}	List all Supplier Contacts for a Supplier
POST {{base_url}}/api/supplier-contacts/	Create a Supplier Contact
PUT {{base_url}}/api/supplier-contacts/{id}	Update an existing Supplier Contact
DEL {{base_url}}/api/supplier-contacts/{id}	Delete an existing Supplier Contact

Get a List of Supplier Contacts

```
GET {{base_url}}/api/supplier-contacts/supplier_s_id/{supplier_s_id}
```

Parameters

Path Parameter	Description
{supplier_s_id}	The value for the supplier id to get the list of contacts for that supplier.

Sample Request

```
curl --location --request GET
'https://dsi.supplyframe.app/api/supplier-contacts/supplier_s_id/tesal1' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
[
  {
    "id": 1535,
    "supplier_s_id": "tesal1",
```



```

    "name": "Akki Desh2",
    "email": "adespande@supplyframe.com",
    "job_title": "Sales Rep",
    "phone_number": "5678998765",
    "fax": "5678998765",
    "country_code": "US",
    "created_at": "2022-06-08T05:27:33.018Z",
    "updated_at": "2022-06-10T14:37:55.232Z"
  },
  {
    "id": 1537,
    "supplier_s_id": "tesal1",
    "name": "Akshay Deshpande",
    "email": "ades1@supplyframe.com",
    "job_title": "Sales Rep",
    "phone_number": "5678998765",
    "fax": "5678998765",
    "country_code": "US",
    "created_at": "2022-06-08T05:37:29.002Z",
    "updated_at": "2022-06-08T05:37:29.002Z"
  },
  {
    "id": 1539,
    "supplier_s_id": "tesal1",
    "name": "Akshay Deshpande",
    "email": "ades2@supplyframe.com",
    "job_title": "Sales Rep",
    "phone_number": "5678998765",
    "fax": "5678998765",
    "country_code": "US",
    "created_at": "2022-06-08T05:37:48.519Z",
    "updated_at": "2022-06-08T05:37:48.519Z"
  }
]

```

Response Definitions

Response Item	Description	Data Type
id	The id for Supplier Contact.	Integer

supplier_s_id	Supplier ID	String
name	Contact Name	String
email	Contact Email	String
job_title	Job Title	String
phone_number	Phone Number	String
fax	Fax Number	String
country_code	Country Code	String
created_at	Created At Date (GMT)	Date (GMT)
updated_at	Updated At Date (GMT)	Date (GMT)

Get a Supplier Contact

```
GET {{base_url}}/api/supplier-contacts/{id}
```

Parameters

Path Parameter	Description
{id}	The value for the supplier contact you want to look up

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/supplier-contacts/1535' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
```

```

    "id": 1535,
    "supplier_s_id": "tesal1",
    "name": "Akki Desh2",
    "email": "adespande@supplyframe.com",
    "job_title": "Sales Rep",
    "phone_number": "5678998765",
    "fax": "5678998765",
    "country_code": "US",
    "created_at": "2022-06-08T05:27:33.018Z",
    "updated_at": "2022-06-10T14:37:55.232Z",
    "disabled": true
  }

```

Response Definitions

Response Item	Description	Data Type
id	The id for Supplier Contact.	Integer
supplier_s_id	Supplier ID	String
name	Contact Name	String
email	Contact Email	String
job_title	Job Title	String
phone_number	Phone Number	String
fax	Fax Number	String
country_code	Country Code	String
created_at	Created At Date (GMT)	Date (GMT)
updated_at	Updated At Date (GMT)	Date (GMT)
disabled	Contact disabled in the system	Boolean

Create a Supplier Contact

POST {{base_url}}/api/supplier-contacts/	Create a Supplier Contact
--	---------------------------

Parameters

Request Body				
Name	Required	Type	Value	Description
supplier_s_id	Yes	String		Supplier ID of Contact
name	Yes	String		Name of Contact
email	Yes	String		Email address of Contact
job_title	No	String		Job Title
phone_number	No	String		Phone Number
fax	No	String		Fax Number
country_code	No	String		Country Code
disabled	No	Boolean	True/False	Disabled Contact

Sample Request

```
curl --location 'https://dsi.qa.supplyframe.app/api/supplier-contacts' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'supplier_s_id=100' \
--data-urlencode 'name=Akshay Deshpande01' \
--data-urlencode 'email=ades01@supplyframe.com' \
--data-urlencode 'job_title=Sales Rep' \
--data-urlencode 'phone_number=5678998765' \
--data-urlencode 'fax=5678998765' \
--data-urlencode 'country_code=US' \
--data-urlencode 'disabled=True'
```

Sample Response

```
{
  "id": 2155,
```

```

"supplier_s_id": "100",
"name": "Akshay Deshpande01",
"email": "ades01@supplyframe.com",
"job_title": "Sales Rep",
"phone_number": "5678998765",
"fax": "5678998765",
"country_code": "US",
"disabled": true,
"created_at": "2023-03-21T04:15:05.174Z",
"updated_at": "2023-03-21T04:15:05.174Z"
}

```

Response Definitions

Response Item	Description	Data Type
id	The id for Supplier Contact.	Integer
supplier_s_id	Supplier ID	String
name	Contact Name	String
email	Contact Email	String
job_title	Job Title	String
phone_number	Phone Number	String
fax	Fax Number	String
country_code	Country Code	String
disabled	Disabled Contactq	Boolean
created_at	Created At Date (GMT)	Date (GMT)
updated_at	Updated At Date (GMT)	Date (GMT)

Update a Supplier Contact

PUT {{base_url}}/api/supplier-contacts/{id}	Update an existing Supplier Contact
---	-------------------------------------

Parameters

Path Parameter	Description
{id}	The value for the supplier contact you want to update

Request Body				
Name	Required	Type	Value	Description
name	No	String		Name of Contact
email	No	String		Email address of Contact
job_title	No	String		Job Title
phone_number	No	String		Phone Number
fax	No	String		Fax Number
country_code	No	String		Country Code
disabled	No	Boolean	True/False	Disable Contact

Sample Request

```
curl --location --request PUT 'https://app.staging.supplyframe.com/api/supplier-contacts/3685' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'name=AD' \
--data-urlencode 'email=AD1@supplyframe.com' \
--data-urlencode 'disabled=true' \
--data-urlencode 'job_title=job_title' \
```

```
--data-urlencode 'phone_number=phone number' \  
--data-urlencode 'fax=fax number' \  
--data-urlencode 'country_code=CC'
```

Sample Response

```
{  
  "id": 3685,  
  "supplier_s_id": "013M",  
  "name": "AD",  
  "email": "AD1@supplyframe.com",  
  "job_title": "job_title",  
  "phone_number": "phone number",  
  "fax": "fax number",  
  "country_code": "CC",  
  "created_at": "2022-06-16T00:08:53.864Z",  
  "updated_at": "2022-06-16T02:32:41.640Z",  
  "disabled": true  
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for Supplier Contact.	Integer
supplier_s_id	Supplier ID	String
name	Contact Name	String
email	Contact Email	String
job_title	Job Title	String
phone_number	Phone Number	String
fax	Fax Number	String
country_code	Country Code	String
created_at	Created At Date (GMT)	Date (GMT)
updated_at	Updated At Date (GMT)	Date (GMT)
disabled	Contact disabled in the system	Boolean

Delete a Supplier Contact

DEL {{base_url}}/api/supplier-contacts/{id}	Delete a Supplier Contact
---	---------------------------

Parameters

Path Parameter	Description
{id}	The value of the supplier contact you want to delete

Sample Request

```
curl --location --request DELETE
'https://app.staging.supplyframe.com/api/supplier-contacts/3686' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
[
  {
    "id": 3686,
    "supplier_s_id": "013M",
    "name": "Rich Vilar",
    "email": "RV@supplyframe.com",
    "job_title": "Sales Rep",
    "phone_number": "5678998765",
    "fax": "5678998765",
    "country_code": "US",
    "created_at": "2022-06-16T02:37:00.547Z",
    "updated_at": "2022-06-16T02:37:00.547Z",
    "disabled": false
  }
]
```


Response Definitions

Response Item	Description	Data Type
id	The id for Supplier Contact.	Integer
supplier_s_id	Supplier ID	String
name	Contact Name	String
email	Contact Email	String
job_title	Job Title	String
phone_number	Phone Number	String
fax	Fax Number	String
country_code	Country Code	String
created_at	Created At Date (GMT)	Date (GMT)
updated_at	Updated At Date (GMT)	Date (GMT)
disabled	Contact disabled in the system	Boolean

Currency

The Currency module is a collection of all the currencies that are available in the system. There are 157 currencies. Use the Currency API calls to manage the currencies in your Supplyframe account.

Endpoints

GET {{base_url}}/api/currency-list	List all Currencies
GET {{base_url}}/api/default-currency	List the default currency for the account
POST {{base_url}}/api/default-currency	Update the default currency for the account

Get a List of Currencies

```
GET {{base_url}}/api/currency-list
```

Parameters

Query String Parameter	Required / Optional	Description	Type
searchTerm	Optional	Search string will search for matches in the “code”, “name” and “country” fields and display the matching records in the response.	String

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/currency-list?searchTerm=euro' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
[
  {
    "id": 43,
    "code": "EUR",
    "name": "Euro",
    "symbol": "€",
    "country": "Andorra, Austria, Aland Islands, Belgium, Saint Barthelemy, Cyprus,
Germany, Estonia, Spain, Finland, France, French Guiana, Guadeloupe, Greece, Ireland,
Italy, Luxembourg, Monaco, Montenegro, Saint Martin, Martinique, Malta, Netherlands, Saint
Pierre and Miquelon, Portugal, Reunion, Slovenia, Slovakia, San Marino, French Southern
Territories, Vatican, Mayotte"
  }
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Currency	Integer
code	Currency Code	String
name	Name of the Currency Code.	String
symbol	Currency Code Symbol	String
country	List of Countries using the Currency Code	String

Get the Default Currency

```
GET {{base_url}}/api/default-currency
```

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/default-currency' \  
--header 'x-sfa-token: {token}'
```

Sample Response

```
{  
  "id": 143,  
  "name": "Dollar",  
  "code": "USD",  
  "symbol": "$"  
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Currency	Integer

code	Currency Code	String
name	Name of the Currency Code.	String
symbol	Currency Code Symbol	String

Update the Default Currency

POST {{base_url}}/api/default-currency

Parameters

Request Body				
Name	Required	Type	Value	Description
currencyId	Yes	Integer		The id of the currency to be used as the default for the account

Sample Request

```
curl --location --request POST 'https://dsi.supplyframe.app/api/default-currency' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'currencyId=143'
```

Sample Response

```
[
  {
    "id": 6,
    "created_at": "2021-07-30T12:38:21.404Z",
    "updated_at": "2022-06-14T14:44:25.616Z",
    "default_currency_id": 143
  }
]
```

```
}  
]
```

Response Definitions

Response Item	Description	Data Type
id	The default id record	Integer
created_at	The date when the default currency id record was created	Date (GMT)
updated_at	The date when the default currency id record was last updated	Date (GMT)
default_currency_id	New currency id default	Integer

Currency Rates

The Currency Rates module is a collection of all the currency rates that are available in the system. Use the Currency API calls to manage the currency rates in your Supplyframe account.

Endpoints

GET {{base_url}}/api/currency-rates	List all Currency Rates
POST {{base_url}}/api/currency-rates	Create a Currency Rate

Get a List of Currency Rates

```
GET {{base_url}}/api/currency-rates
```

Parameters

Query String Parameter	Required / Optional	Description	Type
searchTerm	Optional	Search string will search for matches in the “code” and “name” fields and display the matching records in the response.	String

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/currency-rates/?searchTerm=euro' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
[
  {
    "id": 43,
    "name": "Euro",
    "code": "EUR",
    "symbol": "€",
    "rate": 1,
    "currency_rate_id": 20,
    "countries_name": "Aland Islands,Andorra,Austria,Belgium,Cyprus,Estonia,Finland,France,French Guiana,French Southern Territories,Germany,Greece,Guadeloupe,Vatican,Ireland,Italy,Luxembourg,Malta,Martinique,Mayotte,Monaco,Montenegro,Netherlands,Portugal,Reunion,Saint Barthelemy,Saint Martin,Saint Pierre and Miquelon,San Marino,Slovakia,Slovenia,Spain",
    "default": false
  }
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Currency	Integer

name	Name of the Currency.	String
code	Currency Code	String
symbol	Currency Code Symbol	String
rate	Rate of the Currency against the default currency	Number
currency_rate_id	Currency Rate Id	Integer
countries_name	List of Countries using the Currency Code	String
default	Default Currency Rate	Boolean

Update/Create the Currency Rate

POST {{base_url}}/api/currency-rates

Parameters

Request Body				
Name	Required	Type	Value	Description
rate	Yes	Number		Currency rate against the default currency
to_currency_id	Yes	Integer		The id of the currency to be used for the above rate against the default currency.

Sample Request

```
curl --location --request POST 'https://dsi.supplyframe.app/api/currency-rates' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'rate=1.20' \
--data-urlencode 'to_currency_id=43'
```

Sample Response

```
[
  {
    "id": 20,
    "base_currency_id": 143,
    "to_currency_id": 43,
    "rate": 1.2,
    "created_at": "2022-05-18T15:38:49.079Z",
    "updated_at": "2022-06-14T22:31:42.070Z"
  }
]
```

Response Definitions

Response Item	Description	Data Type
id	Currency Id record	Integer
base_currency_id	Default Currency Id	Integer
to_currency_id	Currency Id to assign the rate to	Integer
rate	Rate of the currency (to_currency_id) against the default currency (base_currency_id)	Number
created_at	The date when the currency id record was created	Date (GMT)
updated_at	The date when the currency id record was last updated	Date (GMT)

AML

The AML is a collection of all approved manufacturers' lists that have been uploaded into the system. Use the AML API calls to manage the AMLs in your Supplyframe account.

Endpoints

GET {{base_url}}/api/aml/{id}	List a single AML
GET {{base_url}}/api/aml	List all AMLs
POST {{base_url}}/api/aml	Create an AML
PUT {{base_url}}/api/aml/{id}	Update an existing AML
DEL {{base_url}}/api/aml/{id}	Delete an AML

Get a List of AMLs

GET {{base_url}}/api/aml

Parameters

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of AML in the response. Range of values: [0 - 100] Default value: 100	Integer
offset	Optional	Used by subsequent requests to get the next batch of AMLs . E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on the created_at date. Possible values: desc (descending) or asc (ascending)	asc or desc

Sample Request

```
curl --location --request GET
'https://dsi.supplyframe.app/api/aml?offset=0&limit=25&sortorder=asc' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "limit": 25,
  "offset": 0,
  "sortorder": "asc",
  "nextoffset": 2,
  "amls": [
    {
      "id": 19055,
      "name": "AML1",
      "location_id": 293,
      "created_at": "2022-06-01T15:21:58.896Z",
      "updated_at": "2022-06-01T15:21:58.896Z"
    },
    {
      "id": 19059,
      "name": "AML2",
      "location_id": 293,
      "created_at": "2022-06-02T00:29:50.834Z",
      "updated_at": "2022-06-02T00:29:50.834Z"
    }
  ]
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the AML	Integer
name	The AML name	String
created_at	The date when the AML was created	Date (GMT)
updated_at	The date when the AML was updated	Date (GMT)
location_id	The location id of the AML	Integer

Get an AML

```
GET {{base_url}}/api/aml/{id}
```

Parameters

Path Parameter	Description
{id}	The value for the AML you want to look up

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/aml/19055' \  
--header 'x-sfa-token: {token}'
```

Sample Response

```
{  
  "id": 19055,  
  "name": "AML1",  
  "location_id": 293,  
  "created_at": "2022-06-01T15:21:58.896Z",  
  "updated_at": "2022-06-01T15:21:58.896Z"  
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the AML	Integer
name	The AML name	String

created_at	The date when the AML was created	Date (GMT)
updated_at	The date when the AML was updated	Date (GMT)
location_id	The location id of the AML	Integer

Insert an AML

```
POST {{base_url}}/api/aml/
```

Parameters

Request Body				
Name	Required	Type	Value	Description
name	Yes	String		The name of the AML
location_id	No	Integer		The location id of the Aml

Sample Request

```
curl --location --request POST 'https://dsi.supplyframe.app/api/aml' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'name=aml5'
```

Sample Response

```
[
  {
    "id": 19129,
    "name": "aml5",
    "location_id": 293,
```

```
"created_at": "2022-06-14T23:23:57.993Z",  
"updated_at": "2022-06-14T23:23:57.993Z"  
}  
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the AML	Integer
name	The AML name	String
created_at	The date when the AML was created	Date (GMT)
updated_at	The date when the AML was updated	Date (GMT)
location_id	The location id of the AML	Integer

Update an AML

```
PUT {{base_url}}/api/AML/{id}
```

Parameters

Path Parameter	Description
{id}	The value for the AML you want to look up

Request Body				
Name	Required	Type	Value	Description
name	No	String		The name of the AML
location_id	No	Integer		The location id of the AML

Sample Request

```
curl --location --request PUT 'https://dsi.supplyframe.app/api/aml/19129' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'name=test1_aml'
```

Sample Response

```
{
  "id": 19129,
  "name": "test1_aml",
  "location_id": 293,
  "created_at": "2022-06-14T23:23:57.993Z",
  "updated_at": "2022-06-14T23:29:20.894Z"
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the AML	Integer
name	The AML name	String
created_at	The date when the AML was created	Date (GMT)
updated_at	The date when the AML was updated	Date (GMT)

location_id	The location id of the AML	Integer
-------------	----------------------------	---------

Delete an AML

```
DEL {{base_url}}/api/AML/{id}
```

Parameters

Path Parameter	Description
{id}	The value for the AML you want to delete.

Sample Request

```
curl --location --request DELETE 'https://dsi.supplyframe.app/api/aml/19129' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
[
  {
    "id": 19129,
    "name": "test1_aml",
    "location_id": 293,
    "created_at": "2022-06-14T23:23:57.993Z",
    "updated_at": "2022-06-14T23:29:20.894Z"
  }
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the AML	Integer
name	The AML name	String

created_at	The date when the AML was created	Date (GMT)
updated_at	The date when the AML was updated	Date (GMT)

AML Items

The AML Items is a collection of all AML items in a AML list that have been uploaded into the system. Use the AML Items API calls to manage the AML items in your Supplyframe account.

Endpoints

GET {{base_url}}/api/aml/{aml_id}/items/{id}	List a single AML Item
GET {{base_url}}/api/aml/{aml_id}/items	List all AML Items
POST {{base_url}}/api/aml/{aml_id}/items	Create an AML Item
PUT {{base_url}}/api/aml/{aml_id}/items/{id}	Update an existing AML Item
DEL {{base_url}}/api/aml/{aml_id}/items/{id}	Delete an AML Item

Get a List of AML Items

```
GET {{base_url}}/api/aml/{aml_id}/items
```

Parameters

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of AML Items in the response. Range of values: [0 - 100] Default value: 100	Integer
offset	Optional	Used by subsequent requests to get the next batch of AML Items. E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on the CPN. Possible values: desc (descending) or asc (ascending)	asc or desc

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/aml/19059/items?limit=2' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "limit": 2,
  "offset": 0,
  "nextoffset": 2,
  "cp_items": [
    {
      "id": 1131892,
      "aml_id": 19059,
      "description": null,
      "created_at": "2022-06-02T00:29:50.923Z",
      "updated_at": "2022-06-13T18:53:19.400Z",
      "mpn": "C1608X7R1H104K",
      "cpn": "2003-00006",
      "manufacturer": "TDK"
    },
    {
      "id": 1131891,
```

```

    "aml_id": 19059,
    "description": "100nF 50V X7R 0603 capacitor",
    "created_at": "2022-06-02T00:29:50.923Z",
    "updated_at": null,
    "mpn": "GRM188R7H104KA93D",
    "cpn": "2003-00006",
    "manufacturer": "MURATA"
  }
]
}

```

Response Definitions

Response Item	Description	Data Type
id	The id for the AML Item	Integer
aml_id	Id of the AML	Integer
cpn	CPN of the AML Item	String
mpn	MPN of the AML Item	String
manufacturer	Manufacturer name of the AML Item	String
description	Description of the AML Item	String
created_at	The date when the AML Item was created	Date (GMT)
updated_at	The date when the AML Item was updated	Date (GMT)

Get an AML Item

```
GET {{base_url}}/api/aml/{aml_id}/items/{id}
```

Parameters

Path Parameter	Description
----------------	-------------

{aml_id}	The value for the AML you want to look up.
{id}	The value of the AML item id you want to look up.

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/aml/19059/items/1131892' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "id": 1131892,
  "aml_id": 19059,
  "description": null,
  "created_at": "2022-06-02T00:29:50.923Z",
  "updated_at": "2022-06-13T18:53:19.400Z",
  "mpn": "C1608X7R1H104K",
  "cpn": "2003-00006",
  "manufacturer": "TDK"
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the AML Item	Integer
aml_id	Id of the AML	Integer
cpn	CPN of the AML Item	String
mpn	MPN of the AML Item	String
manufacturer	Manufacturer name of the AML Item	String
description	Description of the AML Item	String
created_at	The date when the AML Item was created	Date (GMT)

updated_at	The date when the AML Item was updated	Date (GMT)
------------	--	------------

Insert an AML Item

POST {{base_url}}/api/aml/{aml_id}/items

Parameters

Path Parameter	Description
{aml_id}	The value of the AML you want to add items to

Request Body				
Name	Required	Type	Value	Description
cpn	Yes	String		CPN of AML Item
mpn	Yes	String		MPN of AML Item
manufacturer	Yes	String		Manufacturer name of AML Item
description	No	String		Description of AML Item

Sample Request

```
curl --location --request POST 'https://dsi.supplyframe.app/api/aml/19059/items' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'description=aml1 Item1' \
--data-urlencode 'mpn=bav99' \
--data-urlencode 'cpn=bav-SF' \
--data-urlencode 'manufacturer=SDSI'
```

Sample Response

```
[
  {
    "id": 1132357,
    "aml_id": 19059,
    "description": "aml1 Item1",
    "created_at": "2022-06-15T04:06:33.628Z",
    "updated_at": "2022-06-15T04:06:33.628Z",
    "mpn": "bav99",
    "cpn": "bav-SF",
    "manufacturer": "SDSI"
  }
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the AML Item	Integer
aml_id	Id of the AML	Integer
cpn	CPN of the AML Item	String
mpn	MPN of the AML Item	String
manufacturer	Manufacturer name of the AML Item	String
description	Description of the AML Item	String
created_at	The date when the AML Item was created	Date (GMT)
updated_at	The date when the AML Item was updated	Date (GMT)

Update an AML Item

```
PUT {{base_url}}/api/aml/{aml_id}/items/{id}
```

Parameters

Path Parameter	Description
{aml_id}	The value for the AML you want to look up.
{id}	The value of the AML item id you want to look up.

Request Body				
Name	Required	Type	Value	Description
cpn	No	String		CPN of AML Item
mpn	No	String		MPN of AML Item
manufacturer	No	String		Manufacturer name of AML Item
description	No	String		Description of AML Item

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/aml/19059/items/1131892' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "id": 1131892,
  "aml_id": 19059,
  "description": "test_updated",
  "created_at": "2022-06-02T00:29:50.923Z",
  "updated_at": "2022-06-15T04:13:28.856Z",
  "mpn": "mpn_updated",
  "cpn": "cpn_updated",
  "manufacturer": "mfr_updated"
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the AML Item	Integer
aml_id	Id of the AML	Integer
cpn	CPN of the AML Item	String
mpn	MPN of the AML Item	String
manufacturer	Manufacturer name of the AML Item	String
description	Description of the AML Item	String
created_at	The date when the AML Item was created	Date (GMT)
updated_at	The date when the AML Item was updated	Date (GMT)

Delete an AML Item

```
DEL {{base_url}}/api/aml/{aml_id}/items/{id}
```

Parameters

Path Parameter	Description
{aml_id}	The value for the AML you want to look up.
{id}	The value of the AML item id you want to delete. You can add multiple ids separated by a comma to delete multiple AML items.

Sample Request

```
curl --location --request DELETE
'https://dsi.supplyframe.app/api/aml/19059/items/1131881,1131880' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
[
  {
    "id": 1131880,
    "aml_id": 19059,
    "description": "10nF 25V X7R 0402 capacitor",
    "created_at": "2022-06-02T00:29:50.923Z",
    "updated_at": null,
    "mpn": "GRM155R71E103KA01D",
    "cpn": "2003-00270",
    "manufacturer": "MURATA"
  },
  {
    "id": 1131881,
    "aml_id": 19059,
    "description": "3.3nF 25V X7R 0402 capacitor",
    "created_at": "2022-06-02T00:29:50.923Z",
    "updated_at": null,
    "mpn": "C1005X7R1E332K",
    "cpn": "2003-00229",
    "manufacturer": "TDK"
  }
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the AML Item	Integer
aml_id	Id of the AML	Integer
cpn	CPN of the AML Item	String
mpn	MPN of the AML Item	String

manufacturer	Manufacturer name of the AML Item	String
description	Description of the AML Item	String
created_at	The date when the AML Item was created	Date (GMT)
updated_at	The date when the AML Item was updated	Date (GMT)

Category

The Category is a list of all available Categories that are in the system. Use the Category API calls to get a list of the available Categories and their respective Category details fields in your Supplyframe account.

Endpoints

GET {{base_url}}/api/category/{id}	List a single Part Category
GET {{base_url}}/api/category	List all Part Categories

Get a List of Part Categories

GET {{base_url}}/api/category

Parameters

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of Categories in the response. Range of values: [0 - 1000] Default value: 1000	Integer
offset	Optional	Used by subsequent requests to get the next batch of items. E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on the created_at date. Possible values: desc (descending) or asc (ascending)	asc or desc

Sample Request

```
curl --location --request GET
'https://dsi.supplyframe.app/api/category?limit=10&offset=0&sortorder=asc' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "limit": 10,
  "offset": 0,
  "sortorder": "asc",
  "nextoffset": 2,
  "categories": [
    {
      "id": 1765,
      "category_name": "Metals",
      "created_at": "2021-08-01T20:15:15.685Z",
      "updated_at": "2021-08-01T20:15:15.685Z",
      "just for metals": null,
      "Cost 1": null,
      "Polishing1 Cost": null,
      "Moldings Cost 1": null,
    }
  ]
}
```

```

      "Cost 2": null,
      "Printing Cost": null,
      "Total Cost": null,
      "RV-Weight": null
    },
    {
      "id": 1772,
      "category_name": "SILVER",
      "created_at": "2021-08-02T22:26:53.500Z",
      "updated_at": "2021-08-02T22:26:53.500Z",
      "Printing Cost": null,
      "Polishing1 Cost": null
    }
  ]
}

```

Response Definitions

Please note that the definitions below are specific to the sample response above and are based on the category, “Metals”. The response items for the category details (marked with **) will vary based on the category that is used.

Response Item	Description	Data Type
id	The id for the Category	Integer
category_name	The Category Name	String
updated_at	The date the Category was last updated	Date (GMT)
created_at	The date when the Category was created	Date (GMT)
RV-Weight**	User Defined Category Detail Field	String
Cost 2**	User Defined Category Detail Field	Numeric
Total Cost**	User Defined Category Detail Field	Numeric
Cost 1**	User Defined Category Detail Field	Numeric
Printing Cost**	User Defined Category Detail Field	Numeric
Polishing1 Cost**	User Defined Category Detail Field	Numeric
Moldings Cost 1**	User Defined Category Detail Field	Numeric

just for metals**	User Defined Category Detail Field	String
-------------------	------------------------------------	--------

** Configurable User Defined Category Detail

Get a Single Part Category

```
GET {{base_url}}/api/category/{id}
```

Parameters

Path Parameter	Description
{id}	The value for the category you want to look up

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/category/1765' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "category_id": 1765,
  "category_name": "Metals",
  "subcontractor": null,
  "site": null,
  "part_description": null,
  "uom": null,
  "RV-Weight": null,
  "req_manufacturer": null,
  "Cost 2": null,
  "Total Cost": null,
  "Cost 1": null,
  "Printing Cost": null,
}
```

```

    "Polishing1 Cost": null,
    "Moldings Cost 1": null,
    "just for metals": null,
    "created_at": "2021-08-01T20:15:15.685Z",
    "updated_at": "2021-08-01T20:15:15.685Z"
  }

```

Response Definitions

Please note that the definitions below are specific to the sample response above and are based on the category, “Metals”. The response items for the part details (marked with **) will vary based on the category that is used.

Response Item	Description	Data Type
category_id	The id for the Category	Integer
category_name	The Category Name	String
updated_at	The date the Category was last updated	Date (GMT)
created_at	The date when the Category was created	Date (GMT)
Subcontractor *	System Category Detail	String
Plant *	System Category Detail	String
part_description*	System Category Detail	String
uom*	System Category Detail	String
req_manufacturer*	System Category Detail	String
RV-Weight**	User Defined Category Detail Field	String
Cost 2**	User Defined Category Detail Field	Numeric
Total Cost**	User Defined Category Detail Field	Numeric
Cost 1**	User Defined Category Detail Field	Numeric
Printing Cost**	User Defined Category Detail Field	Numeric
Polishing1 Cost**	User Defined Category Detail Field	Numeric

Moldings Cost 1**	User Defined Category Detail Field	Numeric
just for metals**	User Defined Category Detail Field	String

** Configurable User Defined Category Detail

RFQ

The RFQ API is a collection of all RFQs that have been created in the system. Use the RFQ API calls to get and review the available RFQs (list level information only) in your Supplyframe account.

Endpoints

GET {{base_url}}/api/rfq	List all RFQ records
GET {{base_url}}/api/rfq/{id}	List a single RFQ
PUT {{base_url}}/api/rfq/{id}	Update RFQ details
DEL {{base_url}}/api/rfq/{id}	Delete draft RFQ

Get Multiple RFQs

GET {{base_url}}/api/rfq

Parameters

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of RFQs in the response. Range of values: [0 - 1000] Default value: 1000	Integer
offset	Optional	Used by subsequent requests to get the next batch of items. E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on the created_at date. Possible values: desc (descending) or asc (ascending)	asc or desc
status	Optional	Show only RFQs with the "requested" status.	Selection: Draft, In-Process, Submitted and Awarded

Sample Request

```
curl --location --request GET
'https://dsi.supplyframe.app/api/rfq?limit=2&offset=0&status=Awarded' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "limit": 2,
  "offset": 0,
  "sortorder": "asc",
  "nextoffset": 2,
  "rfq": [
    {
      "id": "3093",
      "location_id": "293",
```

```

    "name": "RV-Supplier Portal Test",
    "description": "",
    "due_on": "2021-12-31T00:00:00.000Z",
    "status": "Awarded",
    "type": "bid",
    "allow_crosses": false,
    "project": null,
    "end_customer": "",
    "created_at": "2021-08-01T18:37:44.076Z",
    "updated_at": "2021-08-24T01:06:42.288Z",
    "internal_id": null,
    "awarded_on": "2021-08-24T01:06:42.274Z"
  },
  {
    "id": "3110",
    "location_id": "293",
    "name": "RFQnew BOMs1",
    "description": "",
    "due_on": "2021-08-10T00:00:00.000Z",
    "status": "Awarded",
    "type": "bid",
    "allow_crosses": false,
    "project": null,
    "end_customer": "",
    "created_at": "2021-08-03T10:06:02.646Z",
    "updated_at": "2021-08-06T13:38:19.687Z",
    "internal_id": null,
    "awarded_on": "2021-08-06T13:34:34.842Z"
  }
]
}

```

Response Definitions

Response Item	Description	Data Type
id	The id for the RFQ	Integer
name	The RFQ name	String
created_at	The date when the RFQ was created	Date (GMT)
updated_at	The date when the RFQ was updated	Date (GMT)

location_id	The location id of the RFQ	Integer
description	The description of the RFQ	String
due_on	The due date of the RFQ	Date (GMT)
status	The status of the RFQ	String
type	The type of the RFQ	String
allow_crosses	Allow crosses option	Boolean
project	The project of the RFQ	String
end_customer	The end customer of the RFQ	String
internal_id	The customer's reference id (RFQ ID)	String
awarded_on	The date when the status changed to "Awarded"	Date (GMT)

Get a Single RFQ

```
GET {{base_url}}/api/rfq/{id}
```

Parameters

Path Parameter	Description
{id}	The value for the RFQ record you want to look up.

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/rfq/3091' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
```

```

    "id": "3091",
    "location_id": "293",
    "name": "test trigger",
    "description": "",
    "due_on": "2021-08-14T00:00:00.000Z",
    "status": "draft",
    "type": "bid",
    "allow_crosses": false,
    "project": null,
    "end_customer": "",
    "created_at": "2021-07-30T16:59:37.355Z",
    "updated_at": "2021-11-02T20:29:39.762Z",
    "Internal_id": null
  }

```

Response Definitions

Response Item	Description	Data Type
id	The id for the RFQ	Integer
name	The RFQ name	String
created_at	The date when the RFQ was created	Date (GMT)
updated_at	The date when the RFQ was updated	Date (GMT)
location_id	The location id of the RFQ	Integer
description	The description of the RFQ	String
due_on	The due date of the RFQ	Date (GMT)
status	The status of the RFQ	String
type	The type of the RFQ	String
allow_crosses	Allow crosses option	Boolean
project	The project of the RFQ	String
end_customer	The end customer of the RFQ	String
internal_id	The customer's reference id (RFQ ID)	String

Update RFQ details

PUT {{base_url}}/api/rfq/{id}

Parameters

Path Parameter	Description
{id}	The ID of the RFQ record you want to update.

Request Body				
Name	Required	Type	Value	Description
name	No	String(256)		RFQ name
internal_id	No	String(32)		Internal ID
folder_id	No	String	integer/ "none"	Folder location ID "none" to remove folder
end_customer	No	String(256)		End Customer Name/Location
description	No	String(280)		Description
use_req_manufacturer	No	Boolean	true/false	"true" to use req. Manufacturer. "false" to use suggested Manufacturer.
allow_crosses	No	Boolean	true/false	Allow Crosses
accept_partial	No	Boolean	true/false	Accept Partial Responses
type	No	string	bid/buy	RFQ type
due_date	No	Date		Supplier Due Date

Sample Request

```
curl --location --request PUT
'https://dsi.supplyframe.app/api/rfq/31412 \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode use_req_manufacturer=true \
--data-urlencode folder_id=none \
--data-urlencode name=API_TEST \
--data-urlencode description=none'
```

Sample Response

```
{
  "id": "31412",
  "location_id": "293",
  "name": "API_TEST",
  "description": "none",
  "due_on": "2025-12-30T00:00:00.000Z",
  "type": "bid",
  "allow_crosses": false,
  "project": null,
  "end_customer": "",
  "created_at": "2025-07-09T20:53:03.971Z",
  "updated_at": "2025-07-09T21:55:57.852Z",
  "quantity_breaks": 6,
  "internal_id": null,
  "status": "Draft",
  "awarded_on": null,
  "suppliers": []
}
```

Delete a Draft RFQ

```
DEL {{base_url}}/api/rfq/{id}
```

Parameters

Path Parameter	Description
{id}	The ID of the draft RFQ record you want to delete.

Sample Request

```
curl --location --request DELETE
'https://app.staging.supplyframe.com/api/rfq/31412' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "success": "Successfully deleted RFQ with Id 31412"
}
```

RFQ Items

The RFQ Items API is a list of all items in an RFQ. Use the RFQ Items API calls to get and review the available RFQ Items (line level information only) in your Supplyframe account.

Endpoints

GET {{base_url}}/api/rfq/{rfq_id}/items	List all items of an RFQ
GET {{base_url}}/api/rfq/{rfq_id}/items/{id}	Get details of an item within an RFQ
PUT {{base_url}}/api/rfq/{rfq_id}/items/{id}	Update the implementation status of a specific item in an RFQ

Get a List of RFQ Items

```
GET {{base_url}}/api/rfq/{rfq_id}/items
```

Parameters

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of RFQs in the response. Range of values: [0 - 1000] Default value: 1000	Integer
offset	Optional	Used by subsequent requests to get the next batch of items. E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on CPN. Possible values: desc (descending) or asc (ascending)	asc or desc
awarded	Optional	Show only RFQ line items with the "requested" status	Selection: Awarded, Not Awarded
awarded_on	Optional	When used in conjunction with the "awarded" parameter, show only RFQ line items based on the selected date range	Date (GMT) Range (Format: yyyy-mm-dd/yyyy-mm-dd)
implementation	Optional	Show only RFQ line items with the "requested" implementation	Selection: implemented, issue, to_be_imp, none, null

Sample Request

```
curl --location --request GET
'https://dsi.supplyframe.app/api/rfq/3093/items?limit=2&awarded=Awarded&awarded_on=2021-08-23%2F2021-08-24' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "limit": 2,
  "offset": 0,
  "nextoffset": 2,
  "rfq_items": [
    {
      "id": 26181405,
      "created_at": "2021-08-05T04:48:52.409Z",
      "updated_at": "2021-08-24T01:01:05.616Z",
      "nobid": null,
      "responded_on": "2021-08-24T01:01:05.616Z",
      "nc_nr": null,
      "rohs": null,
      "lead_free": null,
      "obsolete": null,
      "tariff": null,
      "min": null,
      "mult": null,
      "uom": "",
      "quota": 50,
      "ref_distributor": null,
      "ref_quantity": null,
      "ref_quota": null,
      "ref_unit_price": null,
      "ref_unit_price_currency": null,
      "ref_mark_up": null,
      "ref_unit_cost": null,
      "mark_up": null,
      "start_date": null,
      "expire_date": null,
      "plc_status": null,
      "incoterms": null,
      "incoterms_location": null,
      "country_of_origin": null,
      "ref_vendor": null,
      "awarded": "Awarded",
      "status": [
```

```

    "NONE"
  ],
  "price_application": "",
  "implementation": null,
  "vendor": null,
  "category": "",
  "region": "",
  "custom_region": null,
  "custom_grouping": null,
  "site": "",
  "subcontractor": "",
  "supplier": "",
  "savings": null,
  "cpn": "",
  "mpn": "ATSAM4S-EK2",
  "manufacturer": "Microchip Technology Inc",
  "part_description": "",
  "target_price": null,
  "ref_prices": {
    "web": {
      "price": 171.68,
      "currency": "USD",
      "quantity": 350,
      "selected": true,
      "supplier": "",
      "manufacturer": "Microchip Technology Inc"
    },
    "specific": {}
  },
  "rfq_id": "3093",
  "supplier_name": "OMRON",
  "rfq_name": "RV-Supplier Portal Test",
  "currency": "USD",
  "assignee": "Unassigned",
  "buyer": "",
  "package_type": "",
  "sourcing_level": null,
  "awarded_on": "2021-08-24T01:06:42.274Z",
  "qty": "350",
  "acceptance_status": "ACCEPTED",
  "response": "Submitted",
  "lead_time_wks": null,
  "stock": null,
  "recommended_manufacturer": null,

```



```

    "source": "sample-bom.xlsx",
    "qty1": "350",
    "price1": "0.45000"
  },
  {
    "id": 26181406,
    "created_at": "2021-08-05T04:48:52.409Z",
    "updated_at": "2021-08-24T01:01:20.379Z",
    "nobid": null,
    "responded_on": "2021-08-24T01:01:20.379Z",
    "nc_nr": null,
    "rohs": null,
    "lead_free": null,
    "obsolete": null,
    "tariff": null,
    "min": null,
    "mult": null,
    "uom": "",
    "quota": 20,
    "ref_distributor": null,
    "ref_quantity": null,
    "ref_quota": null,
    "ref_unit_price": null,
    "ref_unit_price_currency": null,
    "ref_mark_up": null,
    "ref_unit_cost": null,
    "mark_up": null,
    "start_date": null,
    "expire_date": null,
    "plc_status": null,
    "incoterms": null,
    "incoterms_location": null,
    "country_of_origin": null,
    "ref_vendor": null,
    "awarded": "Awarded",
    "status": [
      "NONE"
    ],
    "price_application": "",
    "implementation": "ISSUE",
    "vendor": null,
    "category": "",
    "region": "",
    "custom_region": null,
  }

```

```

    "custom_grouping": null,
    "site": "",
    "subcontractor": "",
    "supplier": "",
    "savings": null,
    "cpn": "",
    "mpn": "LM311P",
    "manufacturer": "Texas Instruments",
    "part_description": "",
    "target_price": null,
    "ref_prices": {
      "web": {
        "price": 0.192,
        "currency": "USD",
        "quantity": 200,
        "selected": true,
        "supplier": "",
        "manufacturer": "Texas Instruments"
      },
      "specific": {}
    },
    "rfq_id": "3093",
    "supplier_name": "OMRON",
    "rfq_name": "RV-Supplier Portal Test",
    "currency": "USD",
    "assignee": "Unassigned",
    "buyer": "",
    "package_type": "",
    "sourcing_level": null,
    "awarded_on": "2021-08-24T01:06:42.274Z",
    "qty": "350",
    "acceptance_status": "ACCEPTED",
    "response": "Submitted",
    "lead_time_wks": null,
    "stock": null,
    "recommended_manufacturer": null,
    "source": "sample-bom.xlsx",
    "qty1": "350",
    "price1": "0.45000"
  }
]
}

```

Response Definitions

Response Item	Description	Data Type
id	The id of the RFQ item	Integer
rfq_id	The id for the RFQ	Integer
rfq_name	The RFQ name	String
created_at	The date when the RFQ was created	Date (GMT)
updated_at	The date when the RFQ was updated	Date (GMT)
cpn	IPN/CPN	String
mpn	Manufacturer Part Number	String
manufacturer	Manufacturer Name	String
part_description	Part Description	String
qty	Quantity	Number
qty2	Quantity Break	Number
qty3	Quantity Break	Number
qty4	Quantity Break	Number
qty5	Quantity Break	Number
qty6	Quantity Break	Number
supplier_name	Supplier Name	String
nobid	No Bid	Boolean
responded_on	Responded On	Date (GMT)
nc_nr	NC/NR	Boolean
rohs	ROHS	Boolean
lead_free	Lead Free	Boolean
obsolete	Obsolete	Boolean
tariff	Tariff	Boolean

min	Minimum Order Quantity	Number
mult	Package Multiples (SPQ)	Number
uom	Unit of Measure	String
quota	Quota	Number
ref_distributor	Reference Distributor	String
ref_quantity	Reference Quantity	Number
ref_quota	Reference Quota	Number
ref_unit_price	Reference Unit Price	Number
ref_unit_price_currency	Reference Unit Price Currency	String
ref_mark_up	Reference Mark Up	Number
ref_unit_cost	Reference Unit Cost	Number
mark_up	Mark Up	Number
start_date	Start Date (GMT)	Date (GMT)
expire_date	Expire Date (GMT)	Date (GMT)
plc_status	PLC Status	String
incoterms	Incoterms	String
incoterms_location	Incoterms Location	String
country_of_origin	Country of Origin	String
ref_vendor	Reference Vendor	String
awarded	Award	Boolean
status	Status	String
price_application	Price Application	String
implementation	Implementation	String
vendor	Vendor	String
category	Category	String

region	Region	String
custom_region	Custom Region	String
custom_grouping	Custom Grouping	String
site	Site	String
subcontractor	Subcontractor	String
supplier	Supplier	String
savings	Savings	Number
target_price	Target Price	Number
acceptance_status	The acceptance status of the RFQ item	String
response	The response status of the RFQ item	String
lead_time_wks	Lead time in weeks	Number
stock	Stock availability	Number
recommended_manufacturer	Recommended manufacturer for the part	String
source	Source of the RFQ (e.g., file name)	String
price1	Unit price for the first quantity break	Number
currency	Currency used in pricing	String
assignee	The person assigned to the RFQ item	String
buyer	Buyer responsible for the RFQ item	String
package_type	Package type of the part	String
sourcing_level	Sourcing level of the RFQ item	String
ref_prices: Web: price	Reference Web Price	Number
ref_prices: Specific: price	Reference Specific Price	Number
awarded_on	Date (GMT) when the “awarded” field changed to “Awarded”	Date (GMT)
price_change	Market Trend	Number

market_saving	Market Price 1 Savings %	Number
ref_price_savings[1..6]	Ref. Price [1..6] Savings % - based on qty breaks	Number
unit_cost[1..6]	Unit Cost [1..6] - based on qty breaks	Number

Get Details of an Item within an RFQ

```
GET {{base_url}}/api/rfq/{rfq_id}/items/{id}
```

Parameters

Path Parameter	Description
{rfq_id}	The ID of the RFQ record you want to look up.
{id}	The ID of the RFQ item you want to look up.

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/rfq/31410/items/36476527 \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "id": 36476527,
  "created_at": "2025-07-09T17:44:53.640Z",
  "updated_at": "2025-07-09T19:15:19.023Z",
  "nobid": null,
  "responded_on": "2025-07-09T19:15:19.023Z",
  "nc_nr": null,
  "rohs": null,
  "lead_free": null,
  "obsolete": null,
  "tariff": null,
  "min": null,
  "mult": null,
  "uom": "EA",
```

"quota": null,
 "ref_distributor": null,
 "ref_quantity": null,
 "ref_quota": null,
 "ref_unit_price": null,
 "ref_unit_price_currency": null,
 "ref_mark_up": null,
 "ref_unit_cost": null,
 "mark_up": null,
 "start_date": null,
 "expire_date": null,
 "plc_status": null,
 "incoterms": null,
 "incoterms_location": null,
 "country_of_origin": null,
 "ref_vendor": null,
 "awarded": "Not Awarded",
 "status": [
 "NONE"
],
 "price_application": null,
 "implementation": "NONE",
 "vendor": null,
 "category": "",
 "region": "",
 "custom_region": "",
 "custom_grouping": "",
 "site": "",
 "subcontractor": "",
 "supplier": null,
 "savings": null,
 "price_change": null,
 "market_savings": null,
 "cpn": "AB-300",
 "mpn": "AB-300 SURFACE",
 "manufacturer": "PCB",
 "part_description": "PCB",
 "target_price": 45,
 "ref_prices": {},
 "rfq_id": "31410",
 "supplier_name": "GD, test",
 "rfq_name": "Qty_brk_gd_3",
 "currency": "USD",
 "assignee": "Unassigned",

```

"buyer": "",
"package_type": "",
"sourcing_level": null,
"awarded_on": null,
"implemented_on": null,
"acceptance_status": "",
"response": "Not-Submitted",
"lead_time_wks": null,
"stock": null,
"recommended_manufacturer": null,
"recommended_mpn": null,
"source": "Qty_Break_Demand_GD",
"supplier_id": "GD Test",
"qty1": "200",
"price1": "",
"ref_price_savings1": null,
"unit_cost1": null,
"converted_price1": null,
"excess_cost1": null,
"min1": null,
"Cost 1 1": "50",
"Total cost Material 1": 80,
"qty2": "200",
"price2": "",
"ref_price_savings2": null,
"unit_cost2": null,
"converted_price2": null,
"excess_cost2": null,
"min2": null,
"Cost 1 2": "40",
"Total cost Material 2": 70,
"lowest_current_cost": null,
"lowest_current_cost_savings": null,
"lowest_current_cost_savings_percent": null,
"Cost 2": "30"
}

```

Response Definition - [For details, refer to the Response Definition section.](#)

Update the Implementation Status of a Specific Item in an RFQ

PUT {{base_url}}/api/rfq/{rfq_id}/items/{id}

Parameters

Path Parameter	Description
{rfq_id}	The ID of the RFQ record you want to update.
{id}	The ID of the RFQ item you want to update.

Request Body

Name	Required	Type	Value	Description
implementation	Yes	String	'IMPLEMENTED' 'ISSUE' 'TO BE IMPL' 'NONE'	Implementation status, not case-sensitive

Sample Request

```
curl --location --request PUT 'https://dsi.supplyframe.app/api/rfq/13093/items/35729504' \  
--header 'x-sfa-token: {token}' \  
--header 'Content-Type: application/x-www-form-urlencoded' \  
--data-urlencode implementation=implemented'
```

Sample Response

```
{  
  "id": 35729504,  
  "created_at": "2025-01-17T21:39:16.320Z",  
  "updated_at": "2025-01-17T21:56:17.392Z",  
  "nobid": false,  
}
```

"responded_on": "2025-01-17T22:02:17.281Z",
"nc_nr": true,
"rohs": true,
"lead_free": true,
"obsolete": false,
"tariff": true,
"min": "75",
"mult": "25",
"uom": "EA",
"quota": 100,
"ref_distributor": "BAV VEN",
"ref_quantity": 1000,
"ref_quota": 100,
"ref_unit_price": 5,
"ref_unit_price_currency": "USD",
"ref_mark_up": 1,
"ref_unit_cost": 2,
"mark_up": 1.1,
"start_date": "2025-01-20T00:00:00.000Z",
"expire_date": "2025-01-23T00:00:00.000Z",
"plc_status": "10",
"incoterms": "10",
"incoterms_location": "96",
"country_of_origin": "1",
"ref_vendor": "BAV VEN",
"awarded": "Awarded",
"status": [
 "NG"
],
"price_application": "New PO",
"implementation": "IMPLEMENTED",
"vendor": "BAV VEN",
"category": "saga_122_1",
"region": "1",
"custom_region": "Cust_Reg1",
"custom_grouping": "Grp1",
"site": "P1",
"subcontractor": "20",
"supplier": "BAV SUP",
"savings": null,
"price_change": null,
"market_savings": null,
"cpn": "AB1233",
"mpn": "BAV99-T",

"manufacturer": "BAV MFR",
"part_description": "That BAV part",
"target_price": 3,
"ref_prices": {},
"rfq_id": "13093",
"supplier_name": "Supplyframe CPQ",
"rfq_name": "Test1",
"currency": "USD",
"assignee": "Laura Borncamp",
"buyer": "Laura Borncamp",
"package_type": "Tape & Reel",
"sourcing_level": "Highest",
"awarded_on": "2025-01-17T21:53:22.942Z",
"implemented_on": "2025-07-09T22:31:36.783Z",
"acceptance_status": "ACCEPTED",
"response": "Not-Submitted",
"lead_time_wks": "21",
"stock": "100,000",
"recommended_manufacturer": "BAV MFR 2",
"recommended_mpn": "BAV99",
"source": "BOM 0113",
"supplier_id": "CPQ",
"qty1": "1,000",
"price1": "7.00000",
"ref_price_savings1": -40,
"unit_cost1": 7.7000000000000001,
"converted_price1": 7,
"excess_cost1": null,
"min1": "75",
"qty2": "10,000",
"price2": "100.00000",
"ref_price_savings2": -1900,
"unit_cost2": 110.00000000000001,
"converted_price2": 100,
"excess_cost2": null,
"min2": "100",
"qty3": "100,000",
"price3": "200.00000",
"ref_price_savings3": -3900,
"unit_cost3": 220.00000000000003,
"converted_price3": 200,
"excess_cost3": null,
"min3": "150",
"lowest_current_cost": null,

```
"lowest_current_cost_savings": null,  
"lowest_current_cost_savings_percent": null,  
"Weight in kg": "100"  
}
```

Response Definition - [For details, refer to the Response Definition section.](#)

Mapping Tables

The Mapping Tables API shows all the mapping tables that are in the system. Use the Mapping Tables API calls to manage the Mapping Tables in your Supplyframe account.

Endpoints

GET {{base_url}}/api/mapping_tbl/{id}	List a single Mapping Table
GET {{base_url}}/api/mapping_tbl	List all Mapping Table Records
POST {{base_url}}/api/mapping_tbl/	Create a Mapping Table Record
PUT {{base_url}}/api/mapping_tbl/{id}	Update an existing Mapping Table Record
DEL {{base_url}}/api/mapping_tbl/{id}	Delete an existing Mapping Table Record

Get a List of Mapping Tables

GET {{base_url}}/api/mapping_tbl

Parameters

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of records in the response. Range of values: [0 - 100] Default value: 100	Integer
offset	Optional	Used by subsequent requests to get the next batch of records . E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on the created_at date. Possible values: desc (descending) or asc (ascending)	asc or desc

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/mapping_tbl?limit=3&offset=1' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "limit": 3,
  "offset": 1,
  "sortorder": "desc",
  "nextoffset": 4,
  "mapping_tables": [
    {
      "id": 3124,
      "name": "test257",
      "created_at": "2022-09-01T17:53:59.220Z",
      "updated_at": "2022-09-01T17:53:59.220Z"
    },
    {
      "id": 3120,
      "name": "MAPPINGTABLE164FSO4K8LS",
      "created_at": "2022-08-31T21:54:12.741Z",
      "updated_at": "2022-08-31T21:54:14.385Z"
    }
  ]
}
```

```

    },
    {
      "id": 3119,
      "name": "Supplier Score",
      "created_at": "2022-08-31T21:53:23.630Z",
      "updated_at": "2022-08-31T21:53:23.630Z"
    }
  ]
}

```

Response Definitions

Response Item	Description	Data Type
id	The id for the Mapping Table	Integer
name	The Mapping Table name	String
created_at	The date when the record was created	Date (GMT)
updated_at	The date when the record was updated	Date (GMT)

Get a Mapping Table

```
GET {{base_url}}/api/mapping_tbl/{id}
```

Parameters

Path Parameter	Description
{id}	The value for the Mapping Table you want to look up

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/mapping_tbl/3057' \
```

--header 'x-sfa-token:{token}'

```
{
  "id": 3057,
  "name": "Mapping Table plant",
  "created_at": "2022-07-15T03:36:51.490Z",
  "updated_at": "2022-08-23T22:34:38.551Z"
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Mapping Table	Integer
name	The Mapping Table name	String
created_at	The date when the record was created	Date (GMT)
updated_at	The date when the record was updated	Date (GMT)

Insert an Mapping Table

POST {{base_url}}/api/mapping_tbl/

Parameters

Request Body				
Name	Required	Type	Value	Description
name	Yes	String		The name of the Mapping Table

Sample Request

```
curl --location --request POST 'https://dsi.supplyframe.app/api/mapping_tbl' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'name=New-Mapping Table'
```

Sample Response

```
{
  "id": 3126,
  "name": "New-Mapping Table",
  "created_at": "2022-09-06T03:59:42.537Z",
  "updated_at": "2022-09-06T03:59:42.537Z"
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Mapping Table	Integer
name	The Mapping Table name	String
created_at	The date when the record was created	Date (GMT)
updated_at	The date when the record was updated	Date (GMT)

Update a Mapping Table

```
PUT {{base_url}}/api/mapping_tbl/{id}
```

Parameters

Path Parameter	Description
{id}	The value for the Mapping Table you want to update.

Request Body				
Name	Required	Type	Value	Description
name	No	String		The name of the Mapping Table

Sample Request

```
curl --location --request PUT 'https://dsi.supplyframe.app/api/mapping_tbl/3126' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'name=update mapping table name'
```

Sample Response

```
{
  "id": 3126,
  "name": "update mapping table name",
  "created_at": "2022-09-06T03:59:42.537Z",
  "updated_at": "2022-09-06T04:12:36.682Z"
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Mapping Table	Integer
name	The Mapping Table name	String
created_at	The date when the record was created	Date (GMT)

updated_at	The date when the record was updated	Date (GMT)
------------	--------------------------------------	------------

Delete a Mapping Table

```
DEL {{base_url}}/api/mapping_tbl//{{id}}
```

Parameters

Path Parameter	Description
{id}	The value for the Mapping Table you want to delete.

Sample Request

```
curl --location --request DELETE 'https://dsi.supplyframe.app/api/mapping_tbl/3126' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
[
  {
    "id": 3126,
    "name": "update mapping table name",
    "created_at": "2022-09-06T03:59:42.537Z",
    "updated_at": "2022-09-06T04:12:36.682Z"
  }
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the Mapping Table	Integer

name	The Mapping Table name	String
created_at	The date when the record was created	Date (GMT)
updated_at	The date when the record was updated	Date (GMT)

Mapping Table Items

The Mapping Table Items API shows all the mapping table items that are in each mapping table. The Mapping Table Items information is used to map/populate information in a forecast or RFQ based on how the forecast template is defined.

Endpoints

GET {{base_url}}/api/mapping_tbl/{mapping_table_id}/items/{mapping_table_item_id}	List a single Mapping Table Item Record
GET {{base_url}}/api/mapping_tbl/{mapping_table_id}/items	List all Mapping Table Items Records
POST {{base_url}}/api/mapping_tbl/{mapping_table_id}/items	Create a Mapping Table Item Record
PUT {{base_url}}/api/mapping_tbl/{mapping_table_id}/items/{mapping_table_item_id}	Update a Mapping Table Item Record
DEL {{base_url}}/api/mapping_tbl/{mapping_table_id}/items/{mapping_table_item_id}	Delete a Mapping Table Item Record

Get a List of Mapping Table Items

```
GET {{base_url}}/api/mapping_tbl/{mapping_table_id}/items
```

Parameters

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of records in the response. Range of values: [0 - 100] Default value: 100	Integer
offset	Optional	Used by subsequent requests to get the next batch of records . E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on the created_at date. Possible values: desc (descending) or asc (ascending)	asc or desc

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/mapping_tbl/1997/items?limit=3&offset=1' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "limit": 3,
  "offset": 1,
  "nextoffset": 4,
  "mt_items": [
    {
      "mapping_table_item_id": "4333752",
      "mapping_table_id": "1997",
      "created_at": "2021-09-24T20:01:45.289Z",
      "updated_at": "2022-08-23T22:34:38.551Z",
      "Plant Code": "2601",
      "Plant Name": "Shanghai China"
    },
    {
```

```

    "mapping_table_item_id": "4333753",
    "mapping_table_id": "1997",
    "created_at": "2021-09-24T20:01:45.289Z",
    "updated_at": "2022-08-23T22:34:38.551Z",
    "Plant Code": "2701",
    "Plant Name": "Chengdu China"
  },
  {
    "mapping_table_item_id": "4333754",
    "mapping_table_id": "1997",
    "created_at": "2021-09-24T20:01:45.289Z",
    "updated_at": "2022-08-23T22:34:38.551Z",
    "Plant Code": "3104",
    "Plant Name": "Lincoln Nebraska"
  }
]
}

```

Response Definitions

Please note that the definitions below are specific to the sample response above and are based on the Mapping Table ID, 1997, "Plant Master Table.csv". The response items for the mapping table (marked with **) will vary based on the mapping table that is used.

Response Item	Description	Data Type
mapping_table_item_id	The id for the Mapping Table Item	Integer
mapping_table_id	The id for the Mapping Table	Integer
created_at	The date when the record was created	Date (GMT)
updated_at	The date when the record was updated	Date (GMT)
Plant Code**	User Defined Mapping Table Items Field	String
Plant Name**	User Defined Mapping Table Items Field	String

** Configurable User Defined Mapping Table Item

Get a Mapping Table Item

```
GET {{base_url}}/api/mapping_tbl/{mapping_table_id}/items/{mapping_table_item_id}
```

Parameters

Path Parameter	Description
{mapping_table_id}	The value for the Mapping Table you want to look up
{mapping_table_item_id}	The value for the Mapping Table Item you want to look up

Sample Request

```
curl --location --request GET
'https://dsi.supplyframe.app/api/mapping_tbl/1997/items/4333752' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "mapping_table_item_id": 4333752,
  "mapping_table_id": 1997,
  "created_at": "2021-09-24T20:01:45.289Z",
  "updated_at": "2022-08-23T22:34:38.551Z",
  "Plant Code": "2601",
  "Plant Name": "Shanghai China"
}
```

Response Definitions

Please note that the definitions below are specific to the sample response above and are based on the Mapping Table ID, 1997, "Plant Master Table.csv". The response items for the mapping table (marked with **) will vary based on the mapping table that is used.

Response Item	Description	Data Type
---------------	-------------	-----------

mapping_table_item_id	The id for the Mapping Table Item	Integer
mapping_table_id	The id for the Mapping Table	Integer
created_at	The date when the record was created	Date (GMT)
updated_at	The date when the record was updated	Date (GMT)
Plant Code**	User Defined Mapping Table Items Field	String
Plant Name**	User Defined Mapping Table Items Field	String

** Configurable User Defined Mapping Table Item

Insert a Mapping Table Item

```
POST {{base_url}}/api/mapping_tbl/{mapping_table_id}/items
```

Parameters

Request Body				
Name	Required	Type	Value	Description
Plant Code**	No	String		User Defined Mapping Table Items Field
Plant Name**	No	String		User Defined Mapping Table Items Field

Sample Request

```
curl --location --request POST 'https://dsi.supplyframe.app/api/mapping_tbl/1997/items' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'Plant Code=1111' \
--data-urlencode 'Plant Name=Manila Philippines'
```

Sample Response

```
{
  "mapping_table_item_id": "4339942",
  "mapping_table_id": 1997,
  "created_at": "2021-09-24T20:01:45.289Z",
  "updated_at": "2022-08-23T22:34:38.551Z",
  "Plant Code": "1111",
  "Plant Name": "Manila Philippines"
}
```

Response Definitions

Please note that the definitions below are specific to the sample response above and are based on the Mapping Table ID, 1997, "Plant Master Table.csv". The response items for the mapping table (marked with **) will vary based on the mapping table that is used.

Response Item	Description	Data Type
mapping_table_item_id	The id for the Mapping Table Item	Integer
mapping_table_id	The id for the Mapping Table	Integer
created_at	The date when the record was created	Date (GMT)
updated_at	The date when the record was updated	Date (GMT)
Plant Code**	User Defined Mapping Table Items Field	String
Plant Name**	User Defined Mapping Table Items Field	String

** Configurable User Defined Mapping Table Item

Update a Mapping Table Item

PUT {{base_url}}/api/mapping_tbl/{mapping_table_id}/items/{mapping_table_item_id}

Parameters

Request Body				
Name	Required	Type	Value	Description
Plant Code**	No	String		User Defined Mapping Table Items Field
Plant Name**	No	String		User Defined Mapping Table Items Field

Sample Request

```
curl --location --request PUT
'https://dsi.qa.supplyframe.app/api/mapping_tbl/1997/items/4345319' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'Plant Code=2222' \
--data-urlencode 'Plant Name=Los Angeles'
```

Sample Response

```
{
  "mapping_table_id": 1997,
  "mapping_table_item_id": 4345319,
  "created_at": "2023-01-03T16:11:23.834Z",
  "updated_at": "2023-01-03T16:15:27.367Z",
  "Plant Code": "2222",
  "Plant Name": "Los Angeles"
}
```

Response Definitions

Please note that the definitions below are specific to the sample response above and are based on the Mapping Table ID, 1997, "Plant Master Table.csv". The response items for the mapping table (marked with **) will vary based on the mapping table that is used.

Response Item	Description	Data Type
---------------	-------------	-----------

mapping_table_item_id	The id for the Mapping Table Item	Integer
mapping_table_id	The id for the Mapping Table	Integer
created_at	The date when the record was created	Date (GMT)
updated_at	The date when the record was updated	Date (GMT)
Plant Code**	User Defined Mapping Table Items Field	String
Plant Name**	User Defined Mapping Table Items Field	String

** Configurable User Defined Mapping Table Item

Delete a Mapping Table Item

```
DEL {{base_url}}/api/mapping_tbl/{mapping_table_id}/items/{mapping_table_item_id}
```

Parameters

Request Body				
Name	Required	Type	Value	Description
Plant Code**	No	String		User Defined Mapping Table Items Field
Plant Name**	No	String		User Defined Mapping Table Items Field

Sample Request

```
curl --location --request DELETE
'https://dsi.qa.supplyframe.app/api/mapping_tbl/1997/items/4345319' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "mapping_table_id": 1997,
  "mapping_table_item_id": 4345319,
  "created_at": "2023-01-03T16:11:23.834Z",
  "updated_at": "2023-01-03T16:15:27.367Z",
  "Plant Code": "2222",
  "Plant Name": "Los Angeles"
}
```

Response Definitions

Please note that the definitions below are specific to the sample response above and are based on the Mapping Table ID, 1997, "Plant Master Table.csv". The response items for the mapping table (marked with **) will vary based on the mapping table that is used.

Response Item	Description	Data Type
mapping_table_item_id	The id for the Mapping Table Item	Integer
mapping_table_id	The id for the Mapping Table	Integer
created_at	The date when the record was created	Date (GMT)
updated_at	The date when the record was updated	Date (GMT)
Plant Code**	User Defined Mapping Table Items Field	String
Plant Name**	User Defined Mapping Table Items Field	String

** Configurable User Defined Mapping Table Item

AVL

The AVL is a collection of all approved vendor lists that have been uploaded into the system. Use the AVL API calls to manage the AVLs in your Supplyframe account.

Endpoints

GET {{base_url}}/api/avl/{id}	List a single AVL
GET {{base_url}}/api/avl	List all AVLs
POST {{base_url}}/api/avl	Create an AVL
PUT {{base_url}}/api/avl/{id}	Update an existing AVL
DEL {{base_url}}/api/avl/{id}	Delete an AVL

Get a List of AVLs

```
GET {{base_url}}/api/avl
```

Parameters

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of AVL in the response. Range of values: [0 - 100] Default value: 100	Integer
offset	Optional	Used by subsequent requests to get the next batch of AVLs . E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on the created_at date. Possible values: desc (descending) or asc (ascending)	asc or desc

Sample Request

```
curl --location --request GET
'https://dsi.supplyframe.app/api/avl?offset=0&limit=25&sortorder=asc' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "limit": 25,
  "offset": 0,
  "sortorder": "asc",
  "nextoffset": 2,
  "avls": [
    {
      "id": 19055,
      "name": "AVL1",
      "location_id": 293,
      "created_at": "2022-06-01T15:21:58.896Z",
      "updated_at": "2022-06-01T15:21:58.896Z"
    },
    {
      "id": 19059,
      "name": "AVL2",
      "location_id": 293,
      "created_at": "2022-06-02T00:29:50.834Z",
      "updated_at": "2022-06-02T00:29:50.834Z"
    }
  ]
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the AVL	Integer
name	The AVL name	String
created_at	The date when the AVL was created	Date (GMT)
updated_at	The date when the AVL was updated	Date (GMT)
location_id	The location id of the AVL	Integer

Get an AVL

```
GET {{base_url}}/api/avl/{id}
```

Parameters

Path Parameter	Description
{id}	The value for the AVL you want to look up

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/avl/19055' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "id": 19055,
  "name": "AVL1",
  "location_id": 293,
  "created_at": "2022-06-01T15:21:58.896Z",
  "updated_at": "2022-06-01T15:21:58.896Z"
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the AVL	Integer
name	The AVL name	String
created_at	The date when the AVL was created	Date (GMT)
updated_at	The date when the AVL was updated	Date (GMT)
location_id	The location id of the AVL	Integer

Insert an AVL

POST {{base_url}}/api/avl/

Parameters

Request Body				
Name	Required	Type	Value	Description
name	Yes	String		The name of the AVL
location_id	No	Integer		The location id of the Aml

Sample Request

```
curl --location --request POST 'https://dsi.supplyframe.app/api/avl' \  
--header 'x-sfa-token: {token}' \  
--header 'Content-Type: application/x-www-form-urlencoded' \  
--data-urlencode 'name=avl5'
```

Sample Response

```
[  
  {  
    "id": 19129,  
    "name": "avl5",  
    "location_id": 293,  
    "created_at": "2022-06-14T23:23:57.993Z",  
    "updated_at": "2022-06-14T23:23:57.993Z"  
  }  
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the AVL	Integer
name	The AVL name	String
created_at	The date when the AVL was created	Date (GMT)
updated_at	The date when the AVL was updated	Date (GMT)
location_id	The location id of the AVL	Integer

Update an AVL

```
PUT {{base_url}}/api/AVL/{id}
```

Parameters

Path Parameter	Description
{id}	The value for the AVL you want to look up

Request Body				
Name	Required	Type	Value	Description
name	No	String		The name of the AVL
location_id	No	Integer		The location id of the AVL

Sample Request


```
curl --location --request PUT 'https://dsi.supplyframe.app/api/avl/19129' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'name=test1_avl'
```

Sample Response

```
{
  "id": 19129,
  "name": "test1_avl",
  "location_id": 293,
  "created_at": "2022-06-14T23:23:57.993Z",
  "updated_at": "2022-06-14T23:29:20.894Z"
}
```

Response Definitions

Response Item	Description	Data Type
id	The id for the AVL	Integer
name	The AVL name	String
created_at	The date when the AVL was created	Date (GMT)
updated_at	The date when the AVL was updated	Date (GMT)
location_id	The location id of the AVL	Integer

Delete an AVL

```
DEL {{base_url}}/api/AVL/{id}
```

Parameters

Path Parameter	Description
----------------	-------------

{id}	The value for the AVL you want to delete.
------	---

Sample Request

```
curl --location --request DELETE 'https://dsi.supplyframe.app/api/avl/19129' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
[
  {
    "id": 19129,
    "name": "test1_avl",
    "location_id": 293,
    "created_at": "2022-06-14T23:23:57.993Z",
    "updated_at": "2022-06-14T23:29:20.894Z"
  }
]
```

Response Definitions

Response Item	Description	Data Type
id	The id for the AVL	Integer
name	The AVL name	String
created_at	The date when the AVL was created	Date (GMT)
updated_at	The date when the AVL was updated	Date (GMT)

AVL Items

The AVL Items is a collection of all items within an AVL that have been uploaded into the system. Use the AVL Items API calls to manage the AVL Items in your Supplyframe account.

Endpoints

GET {{base_url}}/api/avl/{avl_id}/items/{id}	List a single AVL Item
GET {{base_url}}/api/avl/{avl_id}/items	List all AVL Items
POST {{base_url}}/api/avl/{avl_id}/items/	Create an AVL Item

Get a List of AVL Items

```
GET {{base_url}}/api/avl/{avl_id}/items
```

Parameters

Path Parameter	Description
{avl_id}	The value for the AVL you want to look up

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of records in the response. Range of values: [0 - 100] Default value: 100	Integer
offset	Optional	Used by subsequent requests to get the next batch of records . E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on the CPN. Possible values: desc (descending) or asc (ascending)	asc or desc

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/avl/1285/items?limit=3&offset=1' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "limit": 3,
  "offset": 1,
  "nextoffset": 4,
  "sortorder": "asc",
  "avl_items": [
    {
      "avl_id": 1285,
      "id": 202057,
      "created_at": "2022-10-11T04:40:42.757Z",
      "updated_at": null,
      "cpn": "123",
      "manufacturer": "RES 5K OHM 5W",
      "manufacturer_id": null,
      "mpn": "abc",
      "supplier": "Avnet",
      "supplier_id": null,
    }
  ]
}
```

```

        "category": "Electronics",
        "region": "Americas",
        "plant": "figus"
    },
    {
        "avl_id": 1285,
        "id": 202415,
        "created_at": "2022-10-12T20:17:16.839Z",
        "updated_at": "2022-10-12T20:17:16.839Z",
        "cpn": "123",
        "manufacturer": "TI",
        "manufacturer_id": null,
        "mpn": "abc",
        "supplier": "Avnet",
        "supplier_id": null,
        "category": "Electronics",
        "region": "americas",
        "plant": "leafy greens"
    },
    {
        "avl_id": 1285,
        "id": 202641,
        "created_at": "2022-10-14T03:06:06.488Z",
        "updated_at": "2022-10-14T03:06:06.488Z",
        "cpn": "12345",
        "manufacturer": "3M",
        "manufacturer_id": null,
        "mpn": null,
        "supplier": "Avnet",
        "supplier_id": null,
        "category": null,
        "region": null,
        "plant": null
    }
]
}

```

Response Definitions

Response Item	Description	Data Type
---------------	-------------	-----------

avl_id	The id for the AVL	Integer
id	The id for the AVL item	Integer
created_at	The date when the AVL Item was created	Date (GMT)
updated_at	The date when the AVL Item was updated	Date (GMT)
cpn	The customer part number for the AVL Item	String
manufacturer	The manufacturer name of the AVL item	String
manufacturer_id	The manufacturer ID of the AVL item	String
mpn	The manufacturer part number of the AVL item	String
supplier	The supplier name of the AVL item	String
supplier_id	The supplier ID of the AVL item	String
category	The category of the AVL item	String
region	The region of the AVL item	String
plant	The plant of the AVL item	String

Get an AVL Item

```
GET {{base_url}}/api/avl/{avl_id}/items/{id}
```

Parameters

Path Parameter	Description
{avl_id}	The value for the AVL you want to look up.
{id}	The value of the AVL item id you want to look up.

Sample Request

```
curl --location --request GET 'https://dsi.supplyframe.app/api/avl/1285/items/202057' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "avl_id": 1285,
  "id": 202057,
  "created_at": "2022-10-11T04:40:42.757Z",
  "updated_at": null,
  "cpn": "123",
  "manufacturer": "RES 5K OHM 5W",
  "manufacturer_id": null,
  "mpn": "abc",
  "supplier": "Avnet",
  "supplier_id": null,
  "category": "Electronics",
  "region": "Americas",
  "plant": "ficus"
}
```

Response Definitions

Response Item	Description	Data Type
avl_id	The id for the AVL	Integer
id	The id for the AVL item	Integer
created_at	The date when the AVL Item was created	Date (GMT)
updated_at	The date when the AVL Item was updated	Date (GMT)
cpn	The customer part number for the AVL Item	String
manufacturer	The manufacturer name of the AVL item	String
manufacturer_id	The manufacturer ID of the AVL item	String
mpn	The manufacturer part number of the AVL item	String

supplier	The supplier name of the AVL item	String
supplier_id	The supplier ID of the AVL item	String
category	The category of the AVL item	String
region	The region of the AVL item	String
plant	The plant of the AVL item	String

Insert an AVL Item

```
POST {{base_url}}/api/avl/{avl_id}/items/
```

Parameters

Path Parameter	Description
{avl_id}	The value for the AVL you want to look up.

Request Body				
Name	Required	Type	Value	Description
cpn	Yes (if no mpn or manufacturer or category)	String		Customer Part Number
mpn	Yes (if no cpn or manufacturer or category)	String		Manufacturer Part Number
supplier	Yes	String		Supplier Name
manufacturer	No	String		Manufacturer Name
manufacturer_id	No	String		Manufacturer ID

supplier_id	No	String		Supplier ID
category	Yes (if no mpn or cpn or manufacturer)	String		Category of Item
region	No	String		Region of Item
plant	No	String		Plant of Item

Sample Request

```
curl --location --request POST 'https://dsi.supplyframe.app/api/avl/1285/items' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'cpn=RV-BAV99' \
--data-urlencode 'supplier=TI' \
--data-urlencode 'mpn=BAV99-G' \
--data-urlencode 'manufacturer=Texas Instruments' \
--data-urlencode 'category=Electronics' \
--data-urlencode 'region=APAC' \
--data-urlencode 'plant=B1'
```

Sample Response

```
{
  "avl_id": 1285,
  "id": 204436,
  "created_at": "2022-11-02T00:52:15.328Z",
  "updated_at": "2022-11-02T00:52:15.328Z",
  "cpn": "RV-BAV99",
  "manufacturer": "Texas Instruments",
  "manufacturer_id": null,
  "mpn": "BAV99-G",
  "supplier": "TI",
  "supplier_id": null,
  "category": "Electronics",
  "region": "APAC",
  "plant": "B1"
}
```

Response Definitions

Response Item	Description	Data Type
avl_id	The id for the AVL	Integer
id	The id for the AVL item	Integer
created_at	The date when the AVL Item was created	Date (GMT)
updated_at	The date when the AVL Item was updated	Date (GMT)
cpn	The customer part number for the AVL Item	String
manufacturer	The manufacturer name of the AVL item	String
manufacturer_id	The manufacturer ID of the AVL item	String
mpn	The manufacturer part number of the AVL item	String
supplier	The supplier name of the AVL item	String
supplier_id	The supplier ID of the AVL item	String
category	The category of the AVL item	String
region	The region of the AVL item	String
plant	The plant of the AVL item	String

Update an AVL Item

```
PUT {{base_url}}/api/avl/{avl_id}/items/{id}
```

Parameters

Path Parameter	Description
{avl_id}	The value for the AVL you want to look up.

{id}	The value of the AVL item id you want to look up.
------	---

Request Body				
Name	Required	Type	Value	Description
cpn	No	String		Customer Part Number
mpn	No	String		Manufacturer Part Number
supplier	No	String		Supplier Name
manufacturer	No	String		Manufacturer Name
manufacturer_id	No	String		Manufacturer ID
supplier_id	No	String		Supplier ID
category	No	String		Category of Item
region	No	String		Region of Item
plant	No	String		Plant of Item

Sample Request

```
curl --location --request PUT 'https://dsi.qa.supplyframe.app/api/avl/1285/items/202643' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'cpn=testing cpn2' \
--data-urlencode 'manufacturer=testing mfr' \
--data-urlencode 'manufacturer_id=5' \
--data-urlencode 'mpn=testing mpn' \
--data-urlencode 'supplier=testing supplier' \
--data-urlencode 'supplier_id=5' \
--data-urlencode 'category=testing category' \
--data-urlencode 'region=testing region' \
--data-urlencode 'plant=testing plant'
```

Sample Response

```

{
  "id": 202643,
  "avl_id": 1285,
  "cpn": "testing cpn2",
  "manufacturer": "testing mfr",
  "manufacturer_id": "5",
  "mpn": "testing mpn",
  "supplier": "testing supplier",
  "supplier_id": "5",
  "created_at": "2022-10-14T03:08:17.773Z",
  "updated_at": "2023-01-03T16:32:31.364Z",
  "category": "testing category",
  "plant": "testing plant",
  "region": "testing region"
}

```

Response Definitions

Response Item	Description	Data Type
avl_id	The id for the AVL	Integer
id	The id for the AVL item	Integer
created_at	The date when the AVL Item was created	Date (GMT)
updated_at	The date when the AVL Item was updated	Date (GMT)
cpn	The customer part number for the AVL Item	String
manufacturer	The manufacturer name of the AVL item	String
manufacturer_id	The manufacturer ID of the AVL item	String
mpn	The manufacturer part number of the AVL item	String
supplier	The supplier name of the AVL item	String
supplier_id	The supplier ID of the AVL item	String
category	The category of the AVL item	String
region	The region of the AVL item	String

plant	The plant of the AVL item	String
-------	---------------------------	--------

BOM Insight

The BOM Insight API is a collection of all the BOMs that have been uploaded into the system. Use the BOM Insight API calls to manage the BOMs in your Supplyframe account.

Endpoints

GET {{base_url}}/api/BOM-insight/{id}	List a single BOM
GET {{base_url}}/api/BOM-insight	List all BOMs

Get a List of BOMs

GET {{base_url}}/api/BOM-insight

Parameters

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of records in the response. Range of values: [0 - 100] Default value: 100	Integer
offset	Optional	Used by subsequent requests to get the next batch of records . E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on the created_at date. Possible values: desc (descending) or asc (ascending)	asc or desc

Sample Request

```
curl --location 'https://dsi.qa.supplyframe.app/api/BOM-insight?limit=2&offset=0' \
--header 'x-sfa-token:'
```

Sample Response

```
{
  "limit": 2,
  "offset": 0,
  "sortorder": "asc",
  "nextoffset": 2,
  "bom_lists": [
    {
      "project_id": "7027",
      "name": "Default list",
      "description": null,
      "created_at": "2021-07-30T16:09:49.804Z",
      "updated_at": null,
      "deleted_at": null,
      "match_req_manufacturer": null,
      "use_last_pick": false,
      "choose_lowest_price": null,
      "price_sources": {
        "web": {
```

```

        "selected": true
    },
    "quote": {
        "source": "cpn",
        "selected": true
    },
    "contract": {
        "source": "cpn",
        "selected": true
    },
    "purchase": {
        "source": "cpn",
        "selected": true
    },
    "specific": {
        "source": "best",
        "selected": true
    }
}
},
{
    "project_id": "7034",
    "name": "Default list",
    "description": null,
    "created_at": "2021-07-30T18:08:05.395Z",
    "updated_at": "2023-06-09T17:28:34.591Z",
    "deleted_at": null,
    "match_req_manufacturer": null,
    "use_last_pick": false,
    "choose_lowest_price": null,
    "price_sources": {
        "web": {
            "priority": "4",
            "selected": true
        },
        "quote": {
            "source": "cpn",
            "startTo": "",
            "priority": "0",
            "selected": false,
            "startFrom": ""
        },
        "contract": {
            "source": "cpn",

```

```

        "startTo": "",
        "priority": "1",
        "selected": true,
        "startFrom": "",
        "excludeExpiredDate": true
    },
    "purchase": {
        "source": "cpn",
        "startTo": "",
        "priority": "2",
        "selected": true,
        "startFrom": ""
    },
    "specific": {
        "source": "best",
        "priority": "3",
        "selected": true
    }
}
}
]
}

```

Response Definitions

Response Item	Description	Data Type
project_id	The id of the BOM	Integer
name	The BOM name	String
description	The description of the BOM	String
created_at	The date when the BOM was created	Date
updated_at	The date when the BOM was updated	Date
deleted_at	The date when the BOM was deleted	Date

match_req_manufacturer	Always match with Req. Manufacturer Option	Boolean
use_last_pick	Last Pick Settings	Boolean
choose_lowest_price	Lowest Price Settings	Boolean
Price Sources	Price Source Settings	
Web	Web Price Source Settings	
priority	Priority of the web price source	Integer (0-5)
selected	Activate web price source	Boolean
Quote	Quote Price Source Settings	
source	Matching based on cpn or mpn	cpn or mpn
awarded	Match based on awarded lines	Boolean
priority	Priority of the web price source	Integer (0-5)
startFrom	Match based on start date	Date
startTo	Match based on end date	Date
selected	Activate quote price source	Boolean
qhIdAllSelected	Select all RFQs	Boolean
exludeExpiredDate	Exclude RFQs that expired	Boolean
Contract	Contract Price Source Settings	
source	Matching based on cpn or mpn	cpn or mpn
priority	Priority of the web price source	Integer (0-5)
startFrom	Match based on start date	Date
startTo	Match based on end date	Date
selected	Activate quote price source	Boolean

cpIdAllSelected	Select all Contract Prices	Boolean
excludeExpiredDate	Exclude CPs that expired	Boolean
purchase	Purchase Order Price Source Settings	
source	Matching based on cpn or mpn	cpn or mpn
priority	Priority of the web price source	Integer (0-5)
startFrom	Match based on start date	Date
startTo	Match based on end date	Date
selected	Activate quote price source	Boolean
specific	Specific Price Source Settings	
source	Matching based on cpn or mpn	cpn or mpn
priority	Priority of the web price source	Integer (0-5)
selected	Activate quote price source	Boolean

Get a single BOM

```
GET {{base_url}}/api/BOM-insight/{id}
```

Parameters

Path Parameter	Description
{id} / {project_id}	The value for the BOM you want to look up.

Sample Request

```
curl --location 'https://dsi.qa.supplyframe.app/api/BOM-insight/7027' \
--header 'x-sfa-token:{token}'
```

Sample Response

```
{
  "project_id": "7027",
  "name": "Default list",
  "description": null,
  "created_at": "2021-07-30T16:09:49.804Z",
  "updated_at": null,
  "deleted_at": null,
  "match_req_manufacturer": null,
  "use_last_pick": false,
  "choose_lowest_price": null,
  "price_sources": {
    "web": {
      "selected": true
    },
    "quote": {
      "source": "cpn",
      "selected": true
    },
    "contract": {
      "source": "cpn",
      "selected": true
    },
    "purchase": {
      "source": "cpn",
      "selected": true
    },
    "specific": {
      "source": "best",
      "selected": true
    }
  }
}
```

Response Definitions

Response Item	Description	Data Type
---------------	-------------	-----------

project_id	The id of the BOM	Integer
name	The BOM name	String
description	The description of the BOM	String
created_at	The date when the BOM was created	Date
updated_at	The date when the BOM was updated	Date
deleted_at	The date when the BOM was deleted	Date
match_req_manufacturer	Always match with Req. Manufacturer Option	Boolean
use_last_pick	Last Pick Settings	Boolean
choose_lowest_price	Lowest Price Settings	Boolean
Price Sources	Price Source Settings	
Web	Web Price Source Settings	
priority	Priority of the web price source	Integer (0-5)
selected	Activate web price source	Boolean
Quote	Quote Price Source Settings	
source	Matching based on cpn or mpn	cpn or mpn
awarded	Match based on awarded lines	Boolean
priority	Priority of the web price source	Integer (0-5)
startFrom	Match based on start date	Date
startTo	Match based on end date	Date
selected	Activate quote price source	Boolean
qhIdAllSelected	Select all RFQs	Boolean
exludeExpiredDate	Exclude RFQs that expired	Boolean

Contract	Contract Price Source Settings	
source	Matching based on cpn or mpn	cpn or mpn
priority	Priority of the web price source	Integer (0-5)
startFrom	Match based on start date	Date
startTo	Match based on end date	Date
selected	Activate quote price source	Boolean
cpIdAllSelected	Select all Contract Prices	Boolean
excludeExpiredDate	Exclude CPs that expired	Boolean
purchase	Purchase Order Price Source Settings	
source	Matching based on cpn or mpn	cpn or mpn
priority	Priority of the web price source	Integer (0-5)
startFrom	Match based on start date	Date
startTo	Match based on end date	Date
selected	Activate quote price source	Boolean
specific	Specific Price Source Settings	
source	Matching based on cpn or mpn	cpn or mpn
priority	Priority of the web price source	Integer (0-5)
selected	Activate quote price source	Boolean

BOM Insight Items

The BOM Insight Items API is a collection of all the BOMs and its items that have been uploaded into the system. Use the BOM Insight Items API calls to manage the BOM Items in a BOM in your Supplyframe account.

Endpoints

GET {{base_url}}/api/BOM-insight/{bom_id}/items{items_id}	List a single BOM Item
GET {{base_url}}/api/BOM-insight/{bom_id}/items	List all BOMs
DEL {{base_url}}/api/BOM-insight/{bom_id}/items{items_id}	Delete a BOM Item

Get a List of BOM Items

GET {{base_url}}/api/BOM-insight/{bom_id}/items

Parameters

Query String Parameter	Required / Optional	Description	Type
limit	Optional	The number of BOM items in the response. Range of values: [0 - 1000] Default value: 1000	Integer
offset	Optional	Used by subsequent requests to get the next batch of items. E.g. After the first 100 items, the next 100 items can be retrieved by specifying offset as 101.	Integer
sortorder	Optional	Order of items to be retrieved based on the created_at date. Possible values: desc (descending) or asc (ascending)	asc or desc

Sample Request

```
curl --location  
curl --location 'https://dsi.supplyframe.app/api/BOM-insight/34811/items?limit=2' \  
--header 'x-sfa-token: {token}'
```

Sample Response

```
{  
  "limit": 2,  
  "offset": 0,  
  "sortorder": "desc",  
  "nextoffset": 1,  
  "bom_items": [  
    {  
      "bom_id": "34811",  
      "bom_name": "IPN-MPN Issue",  
      "risk_index_name": "RV-System Risk Index",  
      "risk_index_id": "610",  
      "item_id": "18675991",  
      "mpn": "",  
      "cpn": "rv-gold1",  
      "uom": null,  
      "manufacturer": "",  
      "distributor": "OMRON",  
      "price": 0.45,  
      "qty1": 10,  
      "extended_price1": 4.5,  
      "qty2": null,  
      "qty3": null,  
      "qty4": null,  
      "qty5": null,  
      "qty6": null,  
      "excess_cost": 0,  
      "designator": "",  
      "req_manufacturer": "Diodes",  
      "category": "Metals",  
      "risk_rank": null,  
      "risk_index": {  
        "stock": {  
          "parameter_result": null,  
          "parameter_score": 60  
        },  
        "yteol": {
```

```

        "parameter_result": null,
        "parameter_score": null
    },
    "RV-Weight": {
        "parameter_result": "100",
        "parameter_score": 90
    },
    "lifecycle": {
        "parameter_result": null,
        "parameter_score": 80
    },
    "number_of_fffs": {
        "parameter_result": 0,
        "parameter_score": 90
    },
    "commodity_lead_time": {
        "parameter_result": null,
        "parameter_score": null
    },
    "number_of_suppliers": {
        "parameter_result": 0,
        "parameter_score": null
    },
    "stock_history_trend": {
        "parameter_result": null,
        "parameter_score": null
    }
},
"risk_index_score": 80,
"created_at": "2024-09-04T20:30:52.846Z",
"updated_at": "2024-09-04T20:39:17.212Z",
"CO2e (mg)": null,
"Average Weight (mg)": null,
"kg CO2e/kg": null
},
{
    "bom_id": "34811",
    "bom_name": "IPN-MPN Issue",
    "risk_index_name": "RV-System Risk Index",
    "risk_index_id": "610",
    "item_id": "18647225",
    "mpn": "B4B-PH-K-S(LF)(SN)",
    "cpn": "",
    "uom": ""
}

```



```

"manufacturer": "Jst Manufacturing",
"distributor": "DZOME",
"price": 0.0065,
"qty1": 3,
"extended_price1": 0.0195,
"qty2": null,
"qty3": null,
"qty4": null,
"qty5": null,
"qty6": null,
"excess_cost": 0,
"designator": "",
"req_manufacturer": "TEST9099",
"category": "",
"risk_rank": 1.55,
"risk_index": {
  "stock": {
    "parameter_result": 300,
    "parameter_score": null
  },
  "yteol": {
    "parameter_result": 8,
    "parameter_score": null
  },
  "RV-Weight": {
    "parameter_score": null
  },
  "lifecycle": {
    "parameter_result": "active",
    "parameter_score": 0
  },
  "number_of_fffs": {
    "parameter_result": 0,
    "parameter_score": 90
  },
  "commodity_lead_time": {
    "parameter_result": "2.06",
    "parameter_score": null
  },
  "number_of_suppliers": {
    "parameter_result": 20,
    "parameter_score": null
  },
  "stock_history_trend": {

```

```

        "parameter_result": 144.55,
        "parameter_score": null
    },
    "risk_index_score": 45,
    "created_at": "2024-08-08T16:11:13.758Z",
    "updated_at": "2024-09-04T20:39:17.222Z",
    "CO2e (mg)": 738.5533,
    "Average Weight (mg)": null,
    "kg CO2e/kg": null
}
]
}

```

Response Definitions

Response Item	Description	Data Type
bom_id	The id of the BOM	Integer
bom_name	The BOM name	String
item_id	The id of the BOM Item	String
created_at	The date when the BOM was created	Date
updated_at	The date when the BOM was updated	Date
cpn	The cpn of the BOM item	String
mpn	The mpn of the BOM item	String
uom	Unit of Measure	String
manufacturer	Manufacturer of the item	String
distributor	Distributor of the item	String
price	Price of the item	Number
extended_price1	Extended Price of the item	Number

qty1	Qty Break 1	Integer
qty2	Qty Break 2	Integer
qty3	Qty Break 3	Integer
qty4	Qty Break 4	Integer
qty5	Qty Break 5	Integer
qty6	Qty Break 6	Integer
excess_cost	Excess cost of the item	Number
designator	Designator of the BOM item	String
req_manufacturer	Requested Manufacturer of the BOM item	String
category	Category of the BOM item	String
risk_rank	Risk Rank of the BOM item	Number
risk_index_name	Risk Index Name	String
risk_index_id	Risk Index ID	Integer
risk_index_score	Risk Index Score	Integer
Risk Index Parameters		
stock	Stock Risk Index Parameter	
parameter_result	Stock Result	Integer
parameter_score	Stock Score	Integer
yteol	YTEOL Risk Index Parameter	
parameter_result	Year to end of life Result	Number
parameter_score	Year to end of life Score	Number
Additional Parameters	See “Release History” notes (9/3/24)	

Get a BOM Item

GET {{base_url}}/api/BOM-insight/{bom_id}/items{items_id}

Parameters

Path Parameter	Description
{bom_id}	The id of the BOM you want to look up.
{items_id}	The value of the bom item id you want to look up.

Sample Request

```
curl --location 'https://dsi.supplyframe.app/api/BOM-insight/34811/items/18675991' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "bom_id": "34811",
  "bom_name": "IPN-MPN Issue",
  "risk_index_name": "RV-System Risk Index",
  "risk_index_id": "610",
  "item_id": "18675991",
  "mpn": "",
  "cpn": "rv-gold1",
  "uom": null,
  "manufacturer": "",
  "distributor": "OMRON",
  "price": 0.45,
  "qty1": 10,
  "extended_price1": 4.5,
  "qty2": null,
  "qty3": null,
  "qty4": null,
```

```

"qty5": null,
"qty6": null,
"excess_cost": 0,
"designator": "",
"req_manufacturer": "Diodes",
"category": "Metals",
"risk_rank": null,
"risk_index": {
  "stock": {
    "parameter_result": null,
    "parameter_score": 60
  },
  "yteol": {
    "parameter_result": null,
    "parameter_score": null
  },
  "RV-Weight": {
    "parameter_result": "100",
    "parameter_score": 90
  },
  "lifecycle": {
    "parameter_result": null,
    "parameter_score": 80
  },
  "number_of_fffs": {
    "parameter_result": 0,
    "parameter_score": 90
  },
  "commodity_lead_time": {
    "parameter_result": null,
    "parameter_score": null
  },
  "number_of_suppliers": {
    "parameter_result": 0,
    "parameter_score": null
  },
  "stock_history_trend": {
    "parameter_result": null,
    "parameter_score": null
  }
},
"risk_index_score": 80,
"created_at": "2024-09-04T20:30:52.846Z",
"updated_at": "2024-09-04T20:39:17.212Z",

```

```

    "CO2e (mg)": null,
    "Average Weight (mg)": null,
    "kg CO2e/kg": null
  }

```

Response Definitions

Response Item	Description	Data Type
bom_id	The id of the BOM	Integer
bom_name	The BOM name	String
item_id	The id of the BOM Item	String
created_at	The date when the BOM was created	Date
updated_at	The date when the BOM was updated	Date
cpn	The cpn of the BOM item	String
mpn	The mpn of the BOM item	String
uom	Unit of Measure	String
manufacturer	Manufacturer of the item	String
distributor	Distributor of the item	String
price	Price of the item	Number
extended_price1	Extended Price of the item	Number
qty1	Qty Break 1	Integer
qty2	Qty Break 2	Integer
qty3	Qty Break 3	Integer
qty4	Qty Break 4	Integer
qty5	Qty Break 5	Integer

qty6	Qty Break 6	Integer
excess_cost	Excess cost of the item	Number
designator	Designator of the BOM item	String
req_manufacturer	Requested Manufacturer of the BOM item	String
category	Category of the BOM item	String
risk_rank	Risk Rank of the BOM item	Number
risk_index_name	Risk Index Name	String
risk_index_id	Risk Index ID	Integer
risk_index_score	Risk Index Score	Integer
Risk Index Parameters		
stock	Stock Risk Index Parameter	
parameter_result	Stock Result	Integer
parameter_score	Stock Score	Integer
yteol	YTEOL Risk Index Parameter	
parameter_result	Year to end of life Result	Number
parameter_score	Year to end of life Score	Number
Additional Parameters	See “Release History” notes (9/3/24)	

Delete a BOM Item

DEL {{base_url}}/api/BOM-insight/{bom_id}/items{items_id}	Delete a BOM Item
--	-------------------

Parameters

Path Parameter	Description
{bom_id}	The id of the BOM you want to look up.
{items_id}	The value of the bom item id you want to look up.

Sample Request

```
curl --location --request DELETE
'https://dsi..supplyframe.app/api/BOM-insight/7873/items/12584516' \
--header 'x-sfa-token: {token}'
```

Sample Response

```
{
  "success": "Successfully deleted item '12584516' from BOM '7873'."
}
```

Response Definitions

Response Item	Description	Data Type
Message	Success or Error Message on Deletion	String
Message Examples	"success": "Successfully deleted item 'xxxx' from BOM 'xxxx'."	
	"error": "No item was found with the provided ID 'xxxxx' from BOM ID 'xxxx'."	

Bulk API Endpoints for Create and Update

The Bulk API functionality allows users to create, update, and delete multiple items (up to 1000) in a single API request. This feature improves efficiency by reducing the number of API calls required for large datasets.

Supported Endpoints

POST/PUT {{base_url}}/api/contract-pricing/{cp_id}/items	Contract Pricing (CPs)
POST/PUT {{base_url}}/api/purchase-orders/{po_id}/items	Purchase Order (POs)
POST/PUT {{base_url}}/api/mapping_tbl/{id}/items	Mapping Tables
POST/PUT {{base_url}}/api/avl/{id}/items	Approved Vendor Lists (AVLs)
POST/PUT {{base_url}}/api/aml/{id}/items	Approved Manufacturer Lists (AMLs)
POST/PUT/DEL {{base_url}}/api/part-master/items	Part Master
PUT {{base_url}}/api/rfq/{rfq_id}/items	RFQ item - Implementation status (only)

Request Format

To perform a bulk upload/update/delete, send an array of objects in the `items` parameter within the request body. Each object represents an item to be created or updated. Please note that the structure of the array of objects will vary depending on the endpoint being used.

Users can review the specific array structures and required fields for each endpoint in the Insert/Update Items section of this guide under the respective endpoint documentation. For example, for contract pricing, see the section [Insert a Contract Pricing Item](#)

For reference, here are links to each section:

- [Contract Pricing \(CPs\)](#)

- [Insert](#)
- [Update](#)
- Purchase Order (POs)
 - [Insert](#)
 - [Update](#)
- Mapping Tables
 - [Insert](#)
 - [Update](#)
- Approved Vendor Lists (AVLs)
 - [Insert](#)
 - [Update](#)
- Approved Manufacturer Lists (AMLs)
 - [Insert](#)
 - [Update](#)
- Part Master
 - [Insert](#)
 - [Update](#)
- RFQ items - Implementation status
 - [Update Implementation Status](#)

To delete multiple items in a single request, send an object containing an `items` array. Each item in the array should be an object with the `id` of the record you want to delete. See the example below.

Example Request: Contract Pricing

```
curl --location 'https://dsi.supplyframe.app/api/contract-pricing/{id}/items' \
--header 'Content-Type: application/json' \
--header 'x-sfa-token: {token}' \
--data '{
  "items": [
    {
      "cpn": "bav99_1",
      "manufacturer": "SF",
      "manufacturer_id": "124",
      "mpn": "bav99_SF_1",
      "supplier": "digikey",
      "supplier_id": "124",
      "vendor": "pbs",
      "vendor_number": 79,
      "lead_free": false,
      "rohs": false,
      "nc_nr": false,
    }
  ]
}
```

```

    "tariff": false,
    "min": 101,
    "mult": 2,
    "plc_status": false,
    "price": 0.25,
    "quantity": 110,
    "stock": 4997,
    "package_type": "tube",
    "lead_time": "8",
    "effective_date": "08-06-2022",
    "expiration_date": "08-06-2023",
    "price_currency": "1",
    "origin_country": "CN",
    "incoterm": 8,
    "incoterm_location": "loc_id_1",
    "uom": 7,
    "plant": "NCa1",
    "subcontractor": "pemberm",
    "quota": 9,
    "markup": 0.025,
    "unit_cost": 0.37,
    "target_price": 0.42,
    "price_application": "test101",
    "item_status": "inactive"
  },
  {
    "cpn": "bav99_2",
    "manufacturer": "SF",
    "manufacturer_id": "125",
    "mpn": "bav99_SF_2",
    "supplier": "avnet",
    "supplier_id": "125",
    "vendor": "pbs",
    "vendor_number": 80,
    "lead_free": true,
    "rohs": false,
    "nc_nr": false,
    "tariff": false,
    "min": 102,
    "mult": 3,
    "plc_status": true,
    "price": 0.26,
    "quantity": 120,
    "stock": 4994,

```

```

    "package_type": "reel",
    "lead_time": "9",
    "effective_date": "08-06-2022",
    "expiration_date": "08-06-2023",
    "price_currency": "1",
    "origin_country": "US",
    "incoterm": 9,
    "incoterm_location": "loc_id_2",
    "uom": 7,
    "plant": "SCal",
    "subcontractor": "pemberm",
    "quota": 10,
    "markup": 0.026,
    "unit_cost": 0.39,
    "target_price": 0.44,
    "price_application": "test101",
    "item_status": "active"
  }
]
}'

```

Example Response: Contract Pricing

```

{
  "inserted_count": 2,
  "inserted_items": [
    {
      "id": 3596577,
      "cp_id": 994,
      "lead_free": true,
      "min": 102,
      "mult": 3,
      "plc_status": "true",
      "price": 0.26,
      "quantity": 120,
      "rohs": false,
      "stock": 4994,
      "uom": "7",
      "created_at": "2025-02-19T21:06:44.507Z",
      "updated_at": "2025-02-19T21:06:44.507Z",
      "nc_nr": false,
      "lead_time": 9,
      "effective_date": "2022-08-06T00:00:00.000Z",

```

```

    "expiration_date": "2023-08-06T00:00:00.000Z",
    "price_currency": 1,
    "package_type": "reel",
    "incoterm": "9",
    "incoterm_location": "loc_id_2",
    "origin_country": "US",
    "tariff": false,
    "cpn": "bav99_2",
    "mpn": "bav99_SF_2",
    "manufacturer": "SF",
    "supplier": "avnet",
    "manufacturer_id": null,
    "supplier_id": null,
    "quota": 10,
    "vendor": "pbs",
    "vendor_id": "80",
    "markup": 0.026,
    "unit_cost": 0.39,
    "target_price": 0.44,
    "price_application": "test101",
    "item_status": "active",
    "plant": "SCal",
    "subcontractor": "pemberm"
  },
  {
    "id": 3596578,
    "cp_id": 994,
    "lead_free": false,
    "min": 101,
    "mult": 2,
    "plc_status": null,
    "price": 0.25,
    "quantity": 110,
    "rohs": false,
    "stock": 4997,
    "uom": "7",
    "created_at": "2025-02-19T21:06:44.507Z",
    "updated_at": "2025-02-19T21:06:44.507Z",
    "nc_nr": false,
    "lead_time": 8,
    "effective_date": "2022-08-06T00:00:00.000Z",
    "expiration_date": "2023-08-06T00:00:00.000Z",
    "price_currency": 1,
    "package_type": "tube",

```

```

        "incoterm": "8",
        "incoterm_location": "loc_id_1",
        "origin_country": "CN",
        "tariff": false,
        "cpn": "bav99_1",
        "mpn": "bav99_SF_1",
        "manufacturer": "SF",
        "supplier": "digikey",
        "manufacturer_id": null,
        "supplier_id": null,
        "quota": 9,
        "vendor": "pbs",
        "vendor_id": "79",
        "markup": 0.025,
        "unit_cost": 0.37,
        "target_price": 0.42,
        "price_application": "test101",
        "item_status": "inactive",
        "plant": "NCa1",
        "subcontractor": "pemberm"
    }
],
"errors": []
}

```

Example Response (with Error): Contract Pricing

```

{
    "inserted_count": 1,
    "inserted_items": [
        {
            "id": 3596587,
            "cp_id": 994,
            "lead_free": false,
            "min": 101,
            "mult": 2,
            "plc_status": null,
            "price": 1,
            "quantity": 110,
            "rohs": false,
            "stock": 4997,
            "uom": "7",
            "created_at": "2025-02-20T06:32:37.461Z",
            "updated_at": "2025-02-20T06:32:37.461Z",

```

```

        "nc_nr": false,
        "lead_time": 8,
        "effective_date": "2022-08-06T00:00:00.000Z",
        "expiration_date": "2023-08-06T00:00:00.000Z",
        "price_currency": 1,
        "package_type": "tube",
        "incoterm": "8",
        "incoterm_location": "loc_id_1",
        "origin_country": "CN",
        "tariff": false,
        "cpn": "1234",
        "mpn": "5678",
        "manufacturer": "SF",
        "supplier": "arrow",
        "manufacturer_id": null,
        "supplier_id": null,
        "quota": 9,
        "vendor": "pbs",
        "vendor_id": "79",
        "markup": 0.025,
        "unit_cost": 0.37,
        "target_price": 0.42,
        "price_application": "test101",
        "item_status": "inactive",
        "plant": "NCal",
        "subcontractor": "pemberm"
    },
    "errors": [
        {
            "line": 1,
            "message": "SUPPLIER must be assigned"
        }
    ]
}

```

Example Request: Bulk Delete Part Master

```
curl --location --request DEL 'https://dsi.qa.supplyframe.app/api/part-master/items' \
--header 'x-sfa-token: {token}' \
--header 'Content-Type: application/x-www-form-urlencoded' \
----data '{
  "items": [
    {
      "Id": 245404
    },
    {
      "Id": 245462
    }
  ]
}'
```

Example Response: Bulk Delete Part Master

```
{
  "success_count": 2,
  "failure_count": 0,
  "deleted_items": [
    {
      "id": 245404,
      "cpn": "HELLO_123",
      "updated_at": "2025-07-03T18:40:39.984Z",
      "deleted_at": "2025-07-06T00:35:46.074Z",
      "created_at": "2025-07-03T18:27:38.318Z",
      "created_by": "Api User"
    },
    {
      "id": 245462,
      "cpn": "API_123",
      "updated_at": null,
      "deleted_at": "2025-07-06T00:35:46.074Z",
      "created_at": "2025-07-06T00:23:44.816Z",
      "created_by": "Api User"
    }
  ],
  "errors": []
}
```


Example Request: Bulk POST Mapping Tables

```
[
  {
    "cpn": "m-100210001",
    "cpn_qty": 2500,
    "division": "DSS",
    "cpn_spend": 18000,
    "plant_code": 1701,
    "business_unit": "PC",
    "inventory_qty": 12000,
    "12mo_low_price": 5.00,
    "plant_description": "Main Plant A",
    "12mo_low_price_currency": 67
  },
  {
    "cpn": "m-100210002",
    "cpn_qty": 2501,
    "division": "DSS",
    "cpn_spend": 18001,
    "plant_code": 1702,
    "business_unit": "PC",
    "inventory_qty": 12001,
    "12mo_low_price": 5.01,
    "plant_description": "Main Plant B",
    "12mo_low_price_currency": 67
  }
]
```

Example Response: Bulk POST Mapping Tables

```
{
  "inserted_count": 2,
  "inserted_items": [
    {
      "id": "4613254",
      "cpn": "m-100210002",
      "cpn_qty": 2501,
      "division": "DSS",
      "cpn_spend": 18001,
      "plant_code": 1702,
      "business_unit": "PC",
      "inventory_qty": 12001,
      "12mo_low_price": 5.01,
```

```

        "plant_description": "Main Plant B",
        "12mo_low_price_currency": 67
    },
    {
        "id": "4613255",
        "cpn": "m-100210001",
        "cpn_qty": 2500,
        "division": "DSS",
        "cpn_spend": 18000,
        "plant_code": 1701,
        "business_unit": "PC",
        "inventory_qty": 12000,
        "12mo_low_price": 5,
        "plant_description": "Main Plant A",
        "12mo_low_price_currency": 67
    }
]
}

```

Example Request: Bulk PUT Mapping Tables

```

{
  "items": [
    {
      "id": 4613254,
      "cpn": "m-1002100943",
      "cpn_qty": "30003",
      "division": "DSSs",
      "cpn_spend": "200001",
      "plant_code": "17022",
      "business_unit": "PCc",
      "inventory_qty": "15000d",
      "12mo_low_price": "",
      "plant_description": "Dongguann",
      "12mo_low_price_currency": "678"
    },
    {
      "id": 4613255,
      "cpn": "m-1002100943",
      "cpn_qty": "30003",
      "division": "DSSs",
      "cpn_spend": "200001",
      "plant_code": "17022",
      "business_unit": "PCc",
      "inventory_qty": "15000d",

```

```

    "12mo_low_price": "",
    "plant_description": "Dongguann",
    "12mo_low_price_currency": "678"
  },
  {
    "id": 4468074,
    "cpn": "m-1002100943123",
    "cpn_qty": "30003",
    "division": "DSSs",
    "cpn_spend": "200001",
    "plant_code": "17022",
    "business_unit": "PCc",
    "inventory_qty": "15000d",
    "12mo_low_price": "",
    "plant_description": "Dongguann",
    "12mo_low_price_currency": "1223123"
  }
]
}

```

Example Response: Bulk PUT Mapping Tables

```

{
  "updated_count": 2,
  "updated_items": [
    {
      "id": "4613254",
      "cpn": "m-1002100943",
      "cpn_qty": "30003",
      "division": "DSSs",
      "cpn_spend": "200001",
      "plant_code": "17022",
      "business_unit": "PCc",
      "inventory_qty": "15000d",
      "12mo_low_price": "",
      "plant_description": "Dongguann",
      "12mo_low_price_currency": "678",
      "created_at": "2025-08-25T23:58:10.473Z",
      "updated_at": "2025-08-25T23:58:47.242Z"
    },
    {
      "id": "4613255",
      "cpn": "m-1002100943",
      "cpn_qty": "30003",

```

```

        "division": "DSSs",
        "cpn_spend": "200001",
        "plant_code": "17022",
        "business_unit": "PCc",
        "inventory_qty": "15000d",
        "12mo_low_price": "",
        "plant_description": "Dongguann",
        "12mo_low_price_currency": "678",
        "created_at": "2025-08-25T23:58:10.473Z",
        "updated_at": "2025-08-25T23:58:47.242Z"
    }
],
"errors": [
    {
        "index": 2,
        "error": "mapping table item not found with provided id: 4468074"
    }
]
}

```

Example Request: Bulk PUT RFQ items

Route: PUT {{base_url}}/api/rfq/{rfq_id}/items

```

JSON: {
  "items": [
    {
      "id": 36740370,
      "implementation": "implemented"
    },
    {
      "id": 36740393,
      "implementation": "issue"
    }
  ]
}

```

Example Response: Bulk PUT RFQ items

```
{
  "updated_count": 2,
  "updated_items": [
    {
      "id": 36740370,
      "implementation": "IMPLEMENTED"
    },
    {
      "id": 36740393,
      "implementation": "ISSUE"
    }
  ],
  "errors": []
}
```

Key Details

- Maximum Items:
 - A maximum of 1000 items can be included in a single request.
- HTTP Methods:
 - Use **POST** to create new records.
 - Use **PUT** to update existing records.
 - Use **DEL** to delete existing records.
- Error Handling:
 - If any item fails during processing, the response will include details about the failed items while successfully processed items remain unaffected.
- Backward Compatibility:
 - Existing single-item upload functionality remains supported to ensure compatibility with previous implementations.

Release History

December 22, 2025 (doc version 2.25.0)

- CAGE Code support
 - BOM items returned via API now include CAGE Code so that external systems can align on the same manufacturer identifier used in DSI.
 - CP and PO support CAGE Code in their routes
- API - Exchange Rates Tables (new endpoints)
- API - Currency Rates Table Items
-change based on current route

November 24, 2025 (doc version 2.24.0)

- BULK API endpoint to update RFQ Implementation
- AVL, AML, CP & PO Items are now ordered by CPN and can be ordered by ASC (default) or DESC
- OAuth 2.0 Authorization Code Flow for external applications

September 2, 2025 (doc version 2.21.0)

- The Part Master Items API response now includes the category name for easier identification. Applied only to **GET a part master id /api/part-master/items/:id;** Previously the system was giving only the Category ID (backend ID), so customers would not have an easy way to connect that to the category name they are familiar with.
- Bulk POST and PUT mapping tables response includes a new parameter as "id" which is line item id.
- Descending and ascending order has been implemented for the GET endpoint: /api/mapping_tbl/7322/items?offset=0&limit=20&sortorder=des

August 4, 2025 (doc version 2.20.0)

GET API endpoint for suppliers will include Supplier Tags

June 9, 2025 (doc version 2.18.0)

Bulk API Endpoint to **update** Part Master has been added.

- Support for up to 1000 items per request
- Only id is required; other fields are optional and will update corresponding attributes.
- Supported Endpoints The following endpoints now support bulk operations:
 - PUT /api/part-master/items (Update)

March 3, 2025 (doc version 2.16.0)

Bulk API Endpoints for Part Master. Users can **create** and **delete** multiple Part Master items in a single API request, significantly improving efficiency and data management for large datasets.

- Support for up to 1000 items per request
- Detailed validation feedback for each item
- Improved efficiency and reduced API calls for large dataset management
- Partial processing support - valid items will be processed even if others fail
- Supported Endpoints The following endpoints now support bulk operations:
 - POST /api/part-master/items (Create)
 - DELETE /api/part-master/items (Delete)

February 18, 2025 (doc version 2.14.0)

Bulk API Endpoints for Create and Update

- Users can create or update up to 1000 items in a single API request for specific endpoints. This new feature significantly improves efficiency by reducing the number of API calls required for managing large datasets.

Supported Reference Tables and their Endpoints:

- Contract Pricing (CPs)
- Purchase Orders (POs)
- Mapping Tables
- Approved Vendor Lists (AVLs)

- Approved Manufacturer Lists (AMLs)
- Supports bulk upload of up to 1000 items per request.
- Use POST for creating new records and PUT for updating existing records.
- Error Handling

November 25, 2024 (doc version 2.11.0)

API Updates

- OAuth 2.0 Enhancements
 - Added support for OAuth 2.0 Authorization Code Flow for secure integration with external apps.
 - Introduced a client registration process in System Settings for generating Client ID and Client Secret.
 - Limited OAuth tokens to BOM Insight routes with read-only permissions.
- New Endpoints:
 - Added a new endpoint for searching BOMs by their internal UID:
 - GET /api/BOM-insight/uid/:uid
- Parameter Enhancements:
 - Added support for an optional external_id parameter in the following endpoints:
 - GET /api/BOM-insight/{bom_id}/items/{item_id}
 - GET /api/BOM-insight/{bom_id}/items
- Field Modifications:
 - Added price_currency field (ISO 4217 format) and excess_cost fields for quantity breaks (Qty2–Qty6) to the following endpoints:
 - GET /api/BOM-insight/{bom_id}/items
 - GET /api/BOM-insight/{bom_id}/items/{item_id}
 - Removed unnecessary CO2-related fields (Average Weight (mg) and kg CO2e/kg) from BOM Insight Items API responses to streamline data.

September 3, 2024 (doc version 2.8.0)

Updated the following endpoints to include Risk Index information:

- GET /api/BOM-insight/{bom_id}/items{items_id}: Now returns risk index data for

a single BOM item.

- GET /api/BOM-insight/{bom_id}/items: Now includes risk index data for all BOM items.

The following fields have been added to the API responses:

- Risk Index Name: The specific risk index used for evaluation.
- Risk Index ID: The ID of the Risk Index
- Risk Index Score: A score indicating the level of risk, where a higher score represents greater risk.
- System Parameters
 - The Risk Index feature includes several system parameters that contribute to the overall risk assessment:
 - **Lead Time**: Evaluates the time required to procure the item.
 - **Lifecycle**: Assesses the item's lifecycle stage.
 - **Stock**: Analyzes stock availability and trends.
 - **Price**: Considers price stability and trends.
 - **Supplier Preferences**: Evaluates if the supplier is on a preferred list.
 - **YTEOL**: Year-to-End-of-Life assessment.
 - **Country of Origin**: Considers geopolitical factors.
 - **Number of FFFs**: Form, Fit and Function alternatives
 - **Number of Suppliers**: Assesses supply chain diversity.
 - **Price History Trends**: Analyzes historical trends for price.
 - **Stock History Trends**: Analyzes historical trends for stock.
 - **Datasheet Availability**: Checks if technical datasheets are available.
 - **Popularity**: Measures the popularity of the item based on class and category.
 - **Manufacturer**: Checks for manufacturer.
 - **Supplier**: Checks for supplier.
 - **Category**: Checks for category.
 - **MoM Commodity Demand Index %**: Checks for index value
 - **MoM Commodity Lead Time Index %**: Checks for index value
 - **MoM Commodity Inventory Index %**: Checks for index value
 - **MoM Commodity Price Index %**: Checks for index value
- Custom Parameters
 - Users can also define custom parameters to tailor the risk assessment to specific business needs. These parameters can be configured to include additional risk factors relevant to the organization.

March 25, 2024 (doc version 2.2.0)

- Delete DRAFT RFQ
- Update Details of RFQ
- Update RFQ Line Item Implementation

December 12, 2023 (doc version 1.46)

- New Supplyframe API Endpoints
 - BOM Insight Items
 - GET List of BOM Items
 - GET Single BOM Item
 - Delete BOM Item
- Add Ref. Pricing Fields to PO Items Response
 - The following optional fields have been added to the PO Items responses for the GET, POST and DELETE endpoints:
 - Subcontractor
 - Vendor
 - Quota
 - Markup
 - Unit Cost
- Disabled PUT PO Endpoint
 - There is no ability to update the PO name or location in the UI. Attempting to change the name or location_id will show a 404 error response.

July 12, 2022 (doc version 1.45)

- New Supplyframe API Endpoints
 - BOM Insight
 - GET List of BOMs
 - GET Single BOM
- GET RFQ Items Parameter Limit Count - The updated functionality allows the parameter limit in this endpoint to count the amount of line items in the RFQ instead of counting the like CPNs as a single group.

June 12, 2023 (doc version 1.44)

- RFQ Items Endpoint - Added the following fields to the RFQ Items API response:

Response Item	Description	Data Type
price_change	Market Trend	Number
market_saving	Market Price 1 Savings %	Number
ref_price_savings[1..6]	Ref. Price [1..6] Savings % - based on qty breaks	Number
unit_cost[1..6]	Unit Cost [1..6] - based on qty breaks	Number

May 15, 2023 (doc version 1.43)

- GET Multiple RFQ Endpoint - Add Status Filter which allows the user to get a list of RFQs based on the “status” field (i.e. Get a list of all “Awarded” RFQs)

GET {{base_url}}/api/rfq	List all RFQ records
--------------------------	----------------------

Query String Parameter	Required / Optional	Description	Type
status	Optional	Show only RFQs with the “requested” status.	Selection: Draft, In-Process, Submitted and Awarded

- Added the “awarded_on” field to the GET Multiple RFQ Endpoint response

Response Item	Description	Data Type
awarded_on	The date when the status changed to “Awarded”	Date (GMT)

○

- GET Multiple RFQ Item Endpoint - Add “awarded” status and “awarded_on” date range filters that allows the user to get a list of RFQ items based on its “awarded status (Awarded or Not Awarded) as well as based on when the items were awarded by the supplier (Date (GMT) range in the format yyyy-mm-dd/yyyy-mm-dd)

GET {{base_url}}/api/rfq/{rfq_id}/items	List all items of an RFQ
---	--------------------------

Query String Parameter	Required / Optional	Description	Type
awarded	Optional	Show only RFQ line items with the “requested” status	Selection: Awarded, Not Awarded
awarded_on	Optional	When used in conjunction with the “awarded” parameter, show only RFQ line items based on the selected date range	Date (GMT) Range (Format: yyyy-mm-dd/yyyy-mm-dd)

- Added the “awarded_on” field to the GET Multiple RFQ Items Endpoint response

Response Item	Description	Data Type
awarded_on	The date when the “awarded” field changed to “Awarded”	Date (GMT)

- Update on the API Rate Limits - Increased Write (POST, PUT and DELETE) Endpoints from 500/hr to 1000/hr. A Seconds Rate Limit was also implemented - 5 request per second for all endpoints.

Request Type	Limit Per Hour	Limit Per Second
GET	1000	5
POST, PUT and DELETE (combined)	1000	5

April 19, 2023 (doc version 1.42)

- PO Item Update Error Response - When updating the currency of a PO line item via API, the API will send a specific error message in the response if the currency values are not valid. For example, if the currency input is ZZZ (not a valid currency) then the API will give the error response: “ZZZ is not a valid currency”.
- New Supplier Contact Email Invitations via API - new enabled supplier contacts created via API will receive an email invitation as long as the supplier has existing RFQs in the system.

March 22, 2023 (doc version 1.41)

- POST SUPPLIER Endpoint - Added access to the “disabled” field (Boolean Value: True/False) for POST requests. Please note that this field is not new and has always been in responses but the new functionality allows the user to define this field in the POST supplier endpoint request.
- POST SUPPLIER CONTACT Endpoint - Added access to the “disabled” field (Boolean Value: True/False) for POST requests. Please note that this field is not new and has always been in responses but the new functionality allows the user to define this field in the POST supplier-contact endpoint request.

March 2nd, 2023 (doc version 1.40 Patch)

- Fix for Insert Contract Pricing Items to take integer (ie currency id: 143) for price_currency instead of just currency string (ie currency code: USD) (issue came up in 1.40 release)

```
POST {{base_url}}/api/contract-pricing/{cp_id}/items
```

- Updated Insert Purchase Order Items to take integer (ie currency id: 143) for price_currency instead of just currency string (ie currency code: USD), for consistency.

```
POST {{base_url}}/api/purchase-order/{po_id}/items
```

February 22, 2023 (doc version 1.40)

- GET RFQ Endpoint - Added the “internal_id” field (RFQ ID field in the UI) to the GET RFQ responses
- POST PO Items Endpoint - Added “uniqueness” validation when adding a PO line item
 - PO Number uniqueness is checked against the following fields:
 - po_date
 - supplier
 - mpn
 - qty
 - cpn
 - Price uniqueness is checked against all fields
- POST CP Items Endpoint - Added “uniqueness” validation when adding a CP line item
 - Price uniqueness is checked against all fields
- ALL PO Items Request and Response Fields Update for field label consistency

- Change “manufacturer_number” to “manufacturer_ID”
- Change “supplier_number” to “supplier_ID”
- ALL CP Items Request and Response Fields Update for field label consistency
 - Change “manufacturer_number” to “manufacturer_ID”
 - Change “supplier_number” to “supplier_ID”
 - Change “vendor_number” to “vendor_ID”

January 23, 2023 (doc version 1.39)

- POST Supplier Contact Endpoint - Updated “supplier_id” label in request to match the label in the response. The updated label in the request is “supplier_s_id”.
- POST Supplier Endpoint - Updated “supplier_id” label in request to match the label in the response. The updated label in the request is “s_id”.

December 28, 2022 (doc version 1.38)

- Added New Supplyframe API Endpoints
 - AVL Items API
 - Update AVL Item Endpoint
 - Mapping Items API
 - Update Mapping Item Endpoint
 - Delete Mapping Item Endpoint

October 31, 2022 (doc version 1.36)

- Added New Supplyframe API Endpoints
 - AVL Items API

October 26, 2022 (doc version 1.35.1)

- Part Master Items Parameter Update
 - Change “template_id” parameter to “category”

October 5, 2022 (doc version 1.35)

- Added New Supplyframe API Endpoints
 - RFQ Items API
 - AVL API

September 8, 2022 (doc version 1.34)

- Added New Supplyframe API Endpoints
 - Mapping Table
 - Mapping Table Items

August 15, 2022 (doc version 1.33.1)

- Updated API Links Limit information

August 8, 2022 (doc version 1.33)

- Added New Supplyframe API Endpoints
 - Part Master Part Details
 - RFQ
- Updated Category Endpoints to add additional category detail information to the responses

July 11, 2022 (doc version 1.32)

- Added Field Validation Functionality for the following APIs:
 - Purchase Orders Items
 - Contract Pricing Items
 - AML Items

When adding new items to the above APIs, the API will validate for required fields.
The required fields are listed in the request body for each API.

June 15, 2022 (doc version 1.31)

- Introduced the Supplyframe App API Functionality and Documentation:
 - Overview
 - Authentication / Authorization
 - Errors
 - API Limits
 - Supplyframe API Endpoints
 - Part Master Items
 - Part Master Alternatives
 - Purchase Order
 - Purchase Order Items
 - Contract Pricing
 - Contract Pricing Items
 - Suppliers
 - Supplier Contacts

- Currency
- Currency Rates
- AML
- AML Items
- Category