

Quoter

1inch Fusion+ Quoter API

POST <https://api.1inch.dev/fusion-plus/quoter/v1.0/quote/build>

Build order by given quote

Parameters

srcChain **number** * (query)

Id of source chain

Example: 1

dstChain **number** * (query)

Id of destination chain

Example: 137

srcTokenAddress **string** * (query)

Address of "SOURCE" token

Example:

0xc02aaaa39b223fe8d0a0e5c4f27ead9083c756cc2

dstTokenAddress **string** * (query)

Address of "DESTINATION" token

Example:

0x2791bca1f2de4661ed88a30c99a7a9449aa84174

amount **number** * (query)

Amount to take from "SOURCE" token to get "DESTINATION" token

Example: 1000000000000000000

walletAddress **string** * (query)

An address of the wallet or contract who will create Fusion order

Example:

0x00

fee **number** (query)

fee in bps format, 1% is equal to 100bps

Example: 0

source **string** (query)

Frontend or some other source selector

Example: Frontend

isPermit2 **string** (query)

permit2 allowance transfer encoded call

isMobile **string** (query)

Enabled flag allows to save quote for Mobile History

feeReceiver **string** (query)

In case fee non zero -> the fee will be transferred to this address

permit **string** (query)

permit, user approval sign

preset **string** (query)

fast/medium/slow/custom

Request Body

Content type

application/json

Click in to adjust the request body:

```
{
  "quote": {
    "quoteId": "test_test_test",
    "srcTokenAmount": "1000000000000000000",
    "dstTokenAmount": "250418225",
    "presets": {
      "fast": {
        "bankFee": "0",
        "auctionDuration": 100,
        "startAuctionIn": 2,
        "initialRateBump": 1000,
        "auctionStartAmount": "250418225",
        "startAmount": "250418225",
        "auctionEndAmount": "250418225",
        "exclusiveResolver": null,
        "costInDstToken": "517184548685636",
        "points": [
          {
            "delay": 12.
```

Request Body Schema:

- ▼ BuildOrderBody **object**
 - ▼ quote * **any**
 - ▼ allOf[0] GetQuoteOutput **object**
 - quoteId * **object**
 - srcTokenAmount * **string**
 - dstTokenAmount * **string**
 - ▼ presets * **any**
 - ▼ allOf[0] QuotePresets **object**
 - fast * **any**

- ▼ allOf[0] Preset object
 - auctionDuration * number
 - startAuctionIn * number
 - initialRateBump * number
 - auctionStartAmount * string
 - startAmount * string
 - auctionEndAmount * string
 - exclusiveResolver * object
 - costInDstToken * string
- ▼ points * array
 - ▼ items AuctionPoint object
 - delay * number
 - coefficient * number
 - allowPartialFills * boolean
 - allowMultipleFills * boolean
 - ▼ gasCost * GasCostConfig object
 - gasBumpEstimate * number
 - gasPriceEstimate * string
 - secretsCount * number
- ▼ medium * any
 - ▼ allOf[0] Preset object
 - auctionDuration * number
 - startAuctionIn * number
 - initialRateBump * number
 - auctionStartAmount * string
 - startAmount * string
 - auctionEndAmount * string
 - exclusiveResolver * object
 - costInDstToken * string
 - ▼ points * array
 - ▼ items AuctionPoint object
 - delay * number
 - coefficient * number
 - allowPartialFills * boolean
 - allowMultipleFills * boolean
 - ▼ gasCost * GasCostConfig object
 - gasBumpEstimate * number
 - gasPriceEstimate * string
 - secretsCount * number
- ▼ slow * any
 - ▼ allOf[0] Preset object
 - auctionDuration * number
 - startAuctionIn * number
 - initialRateBump * number
 - auctionStartAmount * string
 - startAmount * string
 - auctionEndAmount * string
 - exclusiveResolver * object
 - costInDstToken * string
 - ▼ points * array
 - ▼ items AuctionPoint object
 - delay * number
 - coefficient * number
 - allowPartialFills * boolean
 - allowMultipleFills * boolean
 - ▼ gasCost * GasCostConfig object
 - gasBumpEstimate * number
 - gasPriceEstimate * string
 - secretsCount * number
- ▼ custom any
 - ▼ allOf[0] Preset object
 - auctionDuration * number

```

        startAuctionIn * number
        initialRateBump * number
        auctionStartAmount * string
        startAmount * string
        auctionEndAmount * string
        exclusiveResolver * object
        costInDstToken * string
    }
    points * array
    {
        items AuctionPoint object
        delay * number
        coefficient * number
        allowPartialFills * boolean
        allowMultipleFills * boolean
    }
    gasCost * GasCostConfig object
    {
        gasBumpEstimate * number
        gasPriceEstimate * string
        secretsCount * number
    }
    srcEscrowFactory * string
    dstEscrowFactory * string
    whitelist * array
    {
        items string
    }
    timeLocks * any
    {
        allOf[0] TimeLocks object
        {
            srcWithdrawal * number
            srcPublicWithdrawal * number
            srcCancellation * number
            srcPublicCancellation * number
            dstWithdrawal * number
            dstPublicWithdrawal * number
            dstCancellation * number
        }
        srcSafetyDeposit * string
        dstSafetyDeposit * string
    }
    recommendedPreset * string (Enum)
    {
        fast
        slow
        medium
        custom
    }
    prices * PairCurrency object
    {
        usd * TokenPair object
        {
            srcToken * string
            dstToken * string
        }
        volume * PairCurrency object
        {
            usd * TokenPair object
            {
                srcToken * string
                dstToken * string
            }
        }
    }
    secretsHashList * string

```

swagger.response

Code: 200

Returns cross chain order details

Code: 400

Input data is invalid

Code: default

Schema:

```

    BuildOrderOutput object

```

typedData * object
orderHash * string
extension * string

Authorization - API KEY

API KEY

[Sign in](#) for automatic API key authentication.

Try it



NodeJS

Python

cURL

Go

```
const axios = require("axios");

async function httpCall() {
  const url = "https://api.1inch.dev/fusion-plus/quoter/v1.0/quote/build";

  const config = {
    headers: undefined,
    params: {},
    paramsSerializer: {
      indexes: null,
    },
  };
  const body = {
    quote: {
      quoteId: "test_test_test",
      srcTokenAmount: "10000000000000000",
      dstTokenAmount: "250418225",
      presets: {
        fast: {
          bankFee: "0".

```

Response

Click the try-it button to test your API call and see the real-time response right here.

Previous

[Get quote with custom preset details](#)

Next

[Submit a cross chain order that resolvers will be able to fill](#)

