

# E-doc : Enterprise Solution

Company Confidential

MASTERS INDIA PRIVATE LIMITED

## #1 : Auth Token:

**Method:** POST

**URL:** <https://sandb-api.mastersindia.co/api/v1/token-auth/>

**Request Json:**

```
{  
  "username": "aman@mastersindia.co",  
  "password": "Miitspl@123"  
}
```

**Success Response:**

```
{  
  "token":  
    "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ1c2VyX2lkIjo2NDYsInVzZXJuYW1lIjoiYW1hbkBtYXN0ZXJzaW5kaWEuY28iLCJvcmlnX2IhdCI6MTY5NDY3NzU2OH0.OE2G-LVpS5auQPuE_ABkKE4ZAJIjSuVIhrPJXIZE1k4"
```

**Failed Response:**

```
{  
  "error": "Unable to login with provided credential"  
}
```

## #2: Generate Einvoice / IRN:

**Method:** POST

**URL:** <https://sandb-api.mastersindia.co/api/v1/einvoice/>

**Request Json:**

```
curl --location 'https://sandb-api.mastersindia.co/api/v1/einvoice/'  
  
--header 'Authorization: JWT  
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ1c2VyX2lkIjo2NDYsInVzZXJuYW1lIjoiYW1hbkBtYXN0ZXJzaW5kaWEuY28iLCJvcmlnX2IhdCI6MTY5NDY3NzU2OH0.OE2G-LVpS5auQPuE_ABkKE4ZAJIjSuVIhrPJXIZE1k4'  
  
--data '{  
  "user_gstin": "09AAAPG7885R002",  
  "data_source": "erp",  
  "transaction_details": {  
    "supply_type": "B2B",  
    "charge_type": "Y",  
  }  
}'
```

```
"igst_on_intra": "N",
"ecommerce_gstin": ""
},
"document_details": {
    "document_type": "INV",
    "document_number": "TATA/99024",
    "document_date": "14/09/2023"
},
"seller_details": {
    "gstin": "09AAPG7885R002",
    "legal_name": "MastersIndia UP",
    "trade_name": "123",
    "address1": "45",
    "address2": "I45",
    "location": "1279",
    "pincode": 201301,
    "state_code": "09",
    "phone_number": 9876543231,
    "email": ""
},
"buyer_details": {
    "gstin": "05AAPG7885R002",
    "legal_name": "eweweweheyriu32y8ru",
    "trade_name": "122",
    "address1": "9",
    "address2": "17843",
    "location": "12321u",
    "pincode": 263001,
    "place_of_supply": "13",
    "state_code": "05",
    "phone_number": "123233",
    "email": ""
},
"dispatch_details": {
    "company_name": "dqfefkewl",
    "address1": "Vila",
    "address2": "Vila",
    "location": "Noida",
    "pincode": 201301,
    "state_code": "09"
},
"ship_details": {
    "gstin": "05AAPG7885R002",
    "legal_name": "123",
    "trade_name": "232",
    "address1": "1",
    "address2": "",
    "location": "221",
    "pincode": 263001,
    "state_code": "5"
},
"export_details": {
    "ship_bill_number": "",
    "ship_bill_date": "",
    "country_code": "IN",
    "foreign_currency": "inr",
    "refund_claim": "N",
}
```

```
"port_code": "12",
"export_duty": "90.9"
},
"payment_details": {
    "bank_account_number": "Account Details",
    "paid_balance_amount": "100.2",
    "credit_days": 2,
    "credit_transfer": "Credit Transfer",
    "direct_debit": "Direct Debit",
    "branch_or_ifsc": "KKK000180",
    "payment_mode": "CASH",
    "payee_name": "Payee Name",
    "outstanding_amount": "1.9",
    "payment_instruction": "Payment Instruction",
    "payment_term": "Terms of Payment"
},
"reference_details": {
    "invoice_remarks": "Invoice Remarks",
    "document_period_details": {
        "invoice_period_start_date": "07/03/2020",
        "invoice_period_end_date": "07/03/2020"
    },
    "preceding_document_details": [
        {
            "reference_of_original_invoice": "CFRT/0006",
            "preceding_invoice_date": "07/03/2020",
            "other_reference": "2334"
        }
    ],
    "contract_details": [
        {
            "receipt_advice_number": "aaa",
            "receipt_advice_date": "07/03/2020",
            "batch_reference_number": "2334",
            "contract_reference_number": "2334",
            "other_reference": "2334",
            "project_reference_number": "2334",
            "vendor_po_reference_number": "233433454545",
            "vendor_po_reference_date": "07/02/2020"
        }
    ]
},
"additional_document_details": [
    {
        "supporting_document_url": "asafsd",
        "supporting_document": "india",
        "additional_information": "india"
    }
],
"ewaybill_details": {
    "transporter_id": "05AAABB0639G1Z8",
    "transporter_name": "Jay Trans",
    "transportation_mode": "1",
    "transportation_distance": 296,
    "transporter_document_number": "12301",
    "transporter_document_date": "14/09/2023",
    "vehicle_number": "PQR1234",
}
```

```
        "vehicle_type": "R"
    },
    "value_details": {
        "total_assessable_value": 4,
        "total_cgst_value": "",
        "total_sgst_value": 0,
        "total_igst_value": 0.2,
        "total_cess_value": 0,
        "total_cess_value_of_state": 0,
        "total_discount": 0,
        "total_other_charge": 0,
        "total_invoice_value": 4.2,
        "round_off_amount": 0,
        "total_invoice_value_additional_currency": 0
    },
    "item_list": [
        {
            "item_serial_number": "501",
            "product_description": "Wheat desc",
            "is_service": "N",
            "hsn_code": "1001",
            "bar_code": "1212",
            "quantity": 1,
            "free_quantity": 0,
            "unit": "KGS",
            "unit_price": 4,
            "total_amount": 4,
            "pre_tax_value": 0,
            "discount": 0,
            "other_charge": 0,
            "assessable_value": 4,
            "gst_rate": 5,
            "igst_amount": 0.2,
            "cgst_amount": 0,
            "sgst_amount": 0,
            "cess_rate": 0,
            "cess_amount": 0,
            "cess_nonadvol_amount": 0,
            "state_cess_rate": 0,
            "state_cess_amount": 0,
            "state_cess_nonadvol_amount": 0,
            "total_item_value": 4.2,
            "country_origin": "",
            "order_line_reference": "",
            "product_serial_number": "",
            "batch_details": {
                "name": "aaa",
                "expiry_date": "31/10/2020",
                "warranty_date": "31/10/2020"
            },
            "attribute_details": [
                {
                    "item_attribute_details": "aaa",
                    "item_attribute_value": "147852"
                }
            ]
        }
    ]
```

]  
}'

## **Success Response:**

{  
"results": {  
"message": {  
"AckNo": "142310015934386",  
"AckDt": "2023-09-14 13:20:56",  
"Irn": "d812d43cf9a8951e25973390fcf2b2fbba4786e779a277768422e7302d50fcde",  
"SignedInvoice":  
"eyJhbGciOiJSUzI1NilsImtpZCI6ljE1MTNCODlxRUU0NkM3NDIBNjNCODZFMzE4QkY3MTEwOTkyODdEMUYiLCJ4NXQiOjGUk80SWU1R3gwbW1PNQJr0w5eEVKa29mUjgiLCJ0eXAiOjKV1QifQ.eyJkYXRhIjoi e1wiQWNrTm9cIjoxNDIzMtAwMTU5MzQzODYsXCJBYtEdFwiOlwiMjAyMy0wOS0xNCAxMzoyMD01N lwiLFwiSXJuXCI6XCjkODEyZDQzY2Y5YTg5NTFIMjU5NzMzOTBmY2QyYjJmYmFhNDc4NmU3NzlhMjc3Nz Y4NDIyTzCzMDjkNTBmY2RXCIsXCJWZXJzaW9uXCI6XClxLjfclixlIRyYW5EdGxzXCI6e1wiVGF4U2NoXCI 6XCJHU1RclixcIIN1cFR5cFwiOlwiQjXCxIsXCJSzWdS2XZcljpcIlliClixlklnc3RPbkldHjhXCI6XCJOXCJ9Lfwi RG9jRHRsc1wiOntclI5cFwiOlwiSU5WXClIsXCJOb1wiOlwiVEFUQS850TAYNFwiLFwiRHRcljpcIjE0LzA5LzI wMjNcIn0sXcjtzWxsZXJEEdGxzXCI6e1wiR3N0aW5cljpcIjA5QUFBUEc30Dg1UjAwMlwiLFwiTGdsTm1clj pcIk1hc3RlcnNjbmRpYSBVUFwiLFwiVHjkTm1cljpcIjEyM1wiLFwiQWRkcjFcljpcIjQ1XCIsXCJBZGRyMlwiO lwibDQ1XCIsXCJMb2NcljpcIjEyNzlcIcxllBpbliwiOjlwMTMwMSxclIn0Y2RcljpcIjA5XCIsXCJQaFwiOlwiOTg 3NjU0MzIzMVwfisxcljk1eWVyRHRsc1wiOntclkdzGluXCI6XCiwNUFBQVBHNzg4NVlwMDJcIlixlknbe5 tXCI6XCJld2V3ZXdlhIyaXuzMnk4cnVclixlIRyZE5tXCI6XClxMjJclixlIbvc1wiOlwiMTNcIlixlKfkZHlxXCI6 XCJ5XCIsXCJBZGRyMlwiOlwiMTc4NDNcIxclkvY1wiOlwiMTlzMjF1XCIsXCJQaW5cljoyNjMwMDEsXCJQ aFwiOlwiMTlzMjMzXCIsXCJTDGNkXCI6XClxNVwifSxclkrpc3BEEdGxzXCI6e1wiTm1cljpcImlRxZmVma2V3 bFwiLFwiQWRkcjFcljpcIzpbGFClixlKfkZHlyXCI6XCJWaWxhXCIsXCJMb2NcljpcI5vaWRhXCIsXCJQaW5 cljoyMDEzMDEsXCJTDGNkXCI6XClxOVwfisxcllnoaXBEdGxzXCI6e1wiR3N0aW5cljpcIjA1QUFBUEc30Dg 1UjAwMlwiLFwiTGdsTm1cljpcIjEyM1wiLFwiVHjkTm1cljpcIjzMlwiLFwiQWRkcjFcljpcIjFclixlkhvY1wiOl wiMjlxXCIsXCJQaW5cljoyNjMwMDEsXCJTDGNkXCI6XClxNVwifSxclkl0ZW1MaXN0XCI6W3tclkl0ZW1O b1wiOjAsXCJtbE5vXCI6XC11MDFcIxitklzU2VydmdNcljpcI5clixlIByZERlc2NcljpcIldoZWF0IGRlc2Nclixlk hzbkNkXCI6XClxMDAxXCIsXCJCYXjZGVcljpcIjEyMTJclixlIlf0eVwiOjEuMCxcIkzYzWVRdHlcljowLjAsXCJV bml0XCI6XCJLR1NclixlIuaXRQcmijZVwiOjQuMCxcIkRvdEFtdFwiOjQuMCxcIkRpc2NvdW50XCI6MC4w LFwiUHJIVGF4VmFsXCI6MC4wLFwiQXNzQW10XCI6NC4wLFwiR3N0UnRcljo1LjAsXCJJZ3N0QW10XCI6 MC4yLFwiQ2dzdEFtdFwiOjAuMCxcIkNnc3RBbXRcljowLjAsXCJDZXNSdFwiOjAuMCxcIkNlc0FtdFwiOjAu MCxcIkNlc05vbkFkdmxBbXRcljowLjAsXCJTDGF0ZUNlC1J0XCI6MC4wLFwiU3RhgdGVdzXNbBXRcljowLjAs XCJTDGF0ZUNlC05vbkFkdmxBbXRcljowLjAsXCJPdGhDaHJnXCI6MC4wLFwiVG90SXRLbVZhbfwiOjQuMix cIkjjaER0bHNcljp7XCJObVwiOlwiYWfhXCIsXCJFeHBEdFwiOlwiMzEvMTAvMjAyMFwiLFwiV3JEdFwiOlw iMzEvMTAvMjAyMFwfisxclkF0dHJpYkR0bHNcljpbe1wiTm1cljpcImlFhYVwiLFwiVmFsXCI6XClxNdc4NTJc In1dfv0sXCJWYwxEdGxzXCI6e1wiQXNzVmFsXCI6NC4wLFwiQ2dzdFZhbfwiOjAuMCxcIkNhc3RWYwXclj owljAsXCJJZ3N0VmFsXCI6MC4yLFwiQ2VzVmFsXCI6MC4wLFwiU3RDZXNWYwXcljowLjAsXCJeaXNjb3V udFwiOjAuMCxcIk90aENocmdcljowLjAsXCJSbmRPZmZBbXRcljowLjAsXCJUb3RJbnZWYwXclj0oLjlsXCJU b3RJbnZWYwXGY1wiOjAuMH0sXCJQYXIEdGxzXCI6e1wiTm1cljpcIlfheWVII5hbWVclixlKfY0RldFwiOli wQWNjb3VudCBEZXRhaWxzXCIsXCJnb2RXCi6XCJdQVNIXCIsXCJGaw5JbnNCclwiOlwiS0tLMDAwMtG wXCIsXCJQYXIUZXJtXCI6XCJUZJtcyBzIbQYXltZw50XCIsXCJQYXJbnN0clwiOlwiUGF5bWVudCBJbnN0c nVjdGlvblwiLFwiQ3JUcm5cljpcIkyZWRpdCBUcmFuc2ZlclwiLFwiRGlyRHJcljpcIklRpcmVjdCBEZWJpdFwi LFwiQ3JEYXlcljoyLfwIUGFpZEFTdFwiOjEwMC4yLFwiUGF5bXREdWVcljoxLjI9LFwiUmVmRHRsc1wiOntcl kldlJtXCI6XCJjbzVaWNlIjlbWFya3NclixlkrVY1BlcmREdGxzXCI6e1wiSw52U3RedFwiOlwiMDcvMD MvMjAyMFwiLFwiSw52Rw5kRHRcljpcIjA3LzAzLzlwMjBcln0sXCJQcmVjRg9jRHRsc1wiOlt7XCJjbzOb1 wiOlwiQ0ZSVC8wMDA2XCIsXCJjbzEdFwiOlwiMDcvMDMvMjAyMFwiLFwiT3RoUmVmTm9cIjpcIjzLz Rcln1dLFWiQ29udHJEEdGxzXCI6W3tclIjY0FkdlJlZnJcljpcImlFhYVwiLFwiUmVjQWR2RHRcljpcIjA3LzAzLzI wMjBclixcllRlwmRSZwZyXCI6XClyMzM0XCIsXCJDb250cljIzNjcljpcIjzMzRclixlKv4dFJlZnJcljpcIjzMzRcli xcllByb2psZWZyXCI6XClyMzM0XCIsXCJQT1JlZnJcljpcIjzMzQzMzQ1NDU0NVwiLFwiUE9SZWZEEdFwiOlw iMDcvMDlvMjAyMFwf19LFwiQWRkbERVy0R0bHNcljpbe1wiVXJsXCI6XCJhc2Fmc2RclixlkrVY3Ncljpc ImluZGlhXCIsXCJjbzVxCI6XCJpbmRpYVwfV0sXCJFeHBEdGxzXCI6e1wiUG9ydfwiOlwiMTJclixlIjzKns

bVwiOlwiTlwiLFwiRm9yQ3VyXCI6XCJpbnJclixclkNudENvZGVcljpcIkIOXCIsXCJFeHBEEdXR5XCI6OTAuOX0  
 sXCJFd2JEdGxzXCI6e1wiVHJhbnNJZFwiOlwiMDVBQUFCQjA2MzIHMVo4XCIsXCJUcmFuc05hbWVcljpcIk  
 pheSBUcmFuc1wiLFwiVHJhbnNNb2R1XCI6XCIxXCIxXCJEaXN0YW5jZVwiOjI5NixcllRyYW5zRG9jTm9cljpc  
 ljeMzAxXCIsXCJUcmFuc0RvY0R0XCI6XCIxNC8wOS8yMDIzXCIxXCJWZWhOb1wiOlwiUFFSMTIzNFwiLF  
 wiVmVoVHlwZVwiOlwiUlwfX0iLCJpc3MiOijOSUMgU2FuZGJveCJ9.Vdwpz08\_AR\_rfakbj1qTOsD8IMMG  
 qn-wrHOf7ir\_glfLPFhPtq6yrLzb3aORajyWDSc4wBwp3LyRN7cpSs9TX9zuu\_cjhMbRAI6e1yyYla\_-  
 cRoz7xJ7QbomWz0CnX5BgN0-xnl4B-  
 EuBcc2nAzdMhG8UKPRho5G09byQzYTaRWyhPQSPBFMkJTnDrMJRqgjxPqsxNarNesO64Gt9e7G2P83X  
 OrqOzROpsX2mdbEtkLFdLmwgzS1xN7quOWLtusGQmj0A1AeDMv\_B9QVLT7O5www1oBci2kEl8go0c9  
 zY4qCnHIRJmW1\_ipzNWzPXM6hwGdfsQRmPyyglgu8QqFQ",  
     "SignedQRCode":  
     "eyJhbGciOiJSUzI1NiIsImtpZCI6IjE1MTNCODIxRUU0NkM3NDIBNjNCODZFMzE4QkY3MTEwOTkyODdEMUYiLCJ4NXQiOjGUk80SWU1R3gwbW1PNGjqR0w5eEVKa29mUjgiLCJ0eXAiOjKV1QifQ.eyJkYXRhljoi e1wiU2VsbGVyR3N0aW5cljpcIjA5QUFBUEc3ODg1UjAwMlwiLFwiQnV5ZXJHc3RpbliwiOlwiMDVBQUFQ Rzc4ODVSMDAyXCIsXCJEB2NOb1wiOlwiVEFUQS85OTAyNFwiLFwiRG9jVHlwXCI6XCJTIzclixclkRvY0R0X CI6XCIxNC8wOS8yMDIzXCIxJCJUb3RJbnZWYWXcjo0LjlsXCJJdGVtQ250XCI6MSxclk1haW5lc25Db2R1XC I6XCIxMDAxXCIsXCJJcm5cljpcImQ4MTJkNDNjZjlhODk1MWUyNTk3MzM5MGZjZDjIMmZiYWE0Nzg2ZT c3OWEyNzc3Njg0MjINzMwMmQ1MGZjZGVclixclklybkR0XCI6XCIyMDIzLTA5LTE0IDEzOjlwOjU2XCJ9li wiaXNzljoiTkIDIFNhbmRib3gifQ.OM6\_Yk5R71ZwzmHmFTffO3eF-Cn1x1sReZwHV6-  
     2pyHYSD6mhlcPapMUjrHRCK0YUIXl9U3WnLVx0ZKp7AJ\_1Pc7cBFVS\_fCd2DldqCOXTZc1aEQx6dQRurA b1lt10NF\_YzczviRj9uVxVitTPoiPtRd\_KiEIYR5xhGVTyQdcjX5xlmXfljqHLU-ycsG9hmrxXiMkMCZ- UlgAnF3ptr156pCaDRPrAnBZEZNt8c8J3wNeSkI9yahAURlsnThjh3i-  
     3Uqype4522jLv90Pqcvl8OfVrEpmey306wTnTrjADKMIrY5x2dW8KY5uM5eTjoCZddQYu9S5pB5iC8Rqq MBwA",  
         "EwbNo": 471008880909,  
         "EwbDt": "2023-09-14 13:21:00",  
         "EwbValidTill": "2023-09-16 23:59:00",  
         "QRCodeUrl": "https://sandb-  
             api.mastersindia.co/api/v1/einvoice/qrcode/anVsX3NlcF8yMDIzLTI0-6502bc57b5f34bd57e404e6f/",  
             "EinvoicePdf": "https://sandb-api.mastersindia.co/api/v1/einvoice/pdf/anVsX3NlcF8yMDIzLTI0-6502bc57b5f34bd57e404e6f/",  
             "EwaybillPdf": "https://sandb-api.mastersindia.co/api/v1/detailPrintPdf/anVsX3NlcF8yMDIzLTI0-6502bc57b5f34bd57e404e71/",  
                 >Status": "ACT",  
                 "Remarks": "",  
                 >alert": "",  
                 "error": false  
             },  
             "errorMessage": "",  
             "InfoDtls": "",  
             "status": "Success",  
             "code": 200,  
             "requestId": "09AAAPG7885R002\_TATA/99024\_1694678102"  
         }  
 }

#### Failed Response:

```
{
  "results": {
    "message": "",
    "errorMessage": "3038: Seller details Details:Pincode-101301 does not exists",
    "InfoDtls": "",
    "status": "Failed",
    "code": 204,
    "requestId": "09AAAPG7885R002_TATA/99025_1694678229"
  }
}
```

## E-Invoicing Parameter Details

Parameter Name	Type(size)	Description	Allowed Values	Mandatory Fields
user_gstin	Text (15)	GSTIN of API User	Alphanum	Y
<b>Transaction_details (Mandatory)</b>				
supply_type	String(3-10)	"Type of Supply: B2B Business to Business, SEZWP - With SEZ payment, SEZWOP - SEZ without payment, EXPWP - Export With Payment, EXPWOP - Export without payment, DEXP - Deemed Export"	"B2B", "SEZWP", "SEZWOP", "EXPWP", "EXPWOP", "DEXP"	Y
charge_type	String(1)	"WHETHER the-Y- of liability payable Under the reverse charge '	"Y", "N"	N
lgst_on-intra	String(1)	Y- indicates the supply is intra state but chargeable to IGST"	"Y", "N"	N
ecommerce_gstin	Text (15)	GSTIN of e-Commerce operator	([0-9] {2} [0-9   AZ] {13})	N
<b>Document_details (Mandatory)</b>				
document_type	String(3-11)	"Document Type: INV-INVVOICE, CRN-CREDIT NOTE, DBN-DEBIT NOTE"	"INV", "CRN", "DBN"	Y
document_number	String(max 1-16)	Document Number	[1-9   AZ] {1} [0-9   AZ   /   -] {15}	Y
document_date	String(10)	Document Date	"[0-3] [0-9] / [0-1] [0-9] / [2] [0] [1-2] [0-9]"	Y
<b>seller_details (Mandatory)</b>				
gstin	String (15)	GSTIN	[0-9]{2}[0-9 A-Z]{13}	Y
legal_name	String(3-100)	Legal Name		Y
trade_name	String(3-100)	Trade names		N
address1	String(3-100)	Building / Flat no, Road / Street		Y
address2	String(3-100)	Address 2 of the-Supplier (Floor no., Name of the premises / building)		N
location	String(3-50)	Location		Y
pincode	Number (6)	Pincode		Y

state_code	String (3-50)	State Name		Y
phone_number	String(10-12)	Phone or Mobile No.		N
email	String (6-100)	Email-Id		N
<b>buyer_details (Mandatory)</b>				
gstin	String (15)	GSTIN of Buyer, PRO Exporting "ow"	"([0-9] {2} [0-9   AZ] {13})   PRO"	Y
legal_name	String(3-100)	Legal Name		Y
trade_name	String(3-100)	Trade name		N
place_of_supply	String(1-2)	State code of Place of supply. If POS Lies Outside-the country, a code-the-Shall BE 96."		Y
address1	String(3-100)	"Address 1 of-the Buyer. (Building / Flat no., Road / Street etc.)"		Y
address2	String(3-100)	"Address 2 of-the Buyer. (Floor no., Name of the premises / building)"		N
location	String(3-100)	Location		Y
pincode	Number (6)	Pincode		Y
state_code	String(3-50)	State Name		Y
phone_number	Number (10-12)	Phone or Mobile No.		N
email	String (6-100)	Email-Id		N
<b>dispatch_details</b>				
company_name	String (3-60)	"Name of the company From The Good Which are dispatched"		Y
address1	String(3-100)	"Address 1 From Which entity of-the Goods are dispatched. (Building / Flat no.Road / Street etc.)"		Y
address2	String(3-100)	"Address 2 of-the entity From Which Goods are dispatched. (Floor no., Name of the premises / building)"		N
location	String(3-100)	Location		Y

pincode	Number (6)	Pincode		Y
state_code	String(1-2)	State code		Y
<b>ship_details</b>				
gstin	String (15)	"GSTIN of entity to whom Goods are shipped"	"([0-9] {2} [0-9   AZ] {13})   PRO"	N
legal_name	String(3-60)	Legal Name		Y
trade_name	String(3-60)	Trade Name		N
address1	String(3-100)	"Address1 of the-the entity to whom supplies are shipped to. (Building / Flat no., Road / Street etc.)"		Y
address2	String(3-100)	"Address 2 of the-the-entity to whom supplies are shipped to. (Floor no., Name of the premises / building)."		N
location	String(3-100)	"Place (City, Town, Village) entity to whom-the supplies are shipped to."		Y
pincode	Number (6)	Pincode		Y
state_code	String (1-2)	"State Code to Which supplies are shipped to."		Y
<b>export_details</b>				
ship_bill_number	String (3-20)	Shipping Bill No.		N
ship_bill_date	String (10)	Shipping Bill Date	"[0-3] [0-9] / [0-1] [0-9] / [2] [0] [1-2] [0-9]"	N
port_code	String (2-10)	Port Code	[0-9   AZ   az] {0,10}	N
refund_claim	String (1)	"Options for Supplier for refund. Y / N"		N
foreign_currency	String (3-16)	"Additional Currency Code"		N
country_code	String (2)	"Country Code"		Y
export_duty	Number(0-9999999999.99)	Export Duty		N
<b>payment_details</b>				
bank_account_number	String (3-18)	"Bank account number of payee"		N
paid_balance_amount	Number (0-9)	"The sum of Which Have Been Amount paid in advance."	99,999,999.99	N

credit_days	Number (0-9999)	Credit Days		N
credit_transfer	String (3-100)	Credit Transfer		N
direct_debit	String (3-100)	Direct Debit		N
branch_or_ifsc	String (3-11)	Branch or IFSC code		N
payment_mode	String (3-16)	Mode of Payment	Cash, Credit, Direct Transfer"	N
payee_name	String (3-100)	Payee Name		N
outstanding_amount	Number (0-9)	"That the Outstanding Amount Required To Be paid."	99,999,999.99	N
payment_instruction	String (3-100)	Payment Instruction		N
payment_term	String (3-100)	Terms of Payment		N
<b>reference_details</b>				
other_reference	String (1-20)	Any other reference	[0-9 A-Z a-z /- ( ){20}	N
<b>document_period_details</b>				
invoice_period_start_date	String (10)	Invoice Period Start Date	"[0-3] [0-9] / [0-1] [0-9] / [2] [0] [1-2] [0-9]"	Y
invoice_period_end_date	String (10)	Invoice Period End Date	"[0-3] [0-9] / [0-1] [0-9] / [2] [0] [1-2] [0-9]"	Y
invoice_reference_number	String (1-20)	Invoice Reference Number	[0-9 A-Z a-z /- ( ){20}	N
invoice_remarks	String (3-100)	"Remarks / Note"	[0-9   AZ   az   /   -] {0100}	N
<b>preceding_document_details</b>				
reference_of_original_invoice	String (3-16)	"Reference of original invoice, own ANY."	"[1-9   AZ   [az 0-9] {1}   AZ   az   /   -] {0,15}"	Y
preceding_invoice_date	String (10)	Preceding Invoice Date	"[0-3] [0-9] / [0-1] [0-9] / [2] [0] [1-2] [0-9]"	Y
other_reference	String (3-20)	Other Reference		N
<b>contact_details</b>				
project_reference_number	String (1-20)	Project Reference Number	[0-9 A-Z a-z /- ( ){20}	N

r				
receipt_advice_number	String (3-20)	Receipt Advice No.	"^ ([0-9A-ZAZ /]) {0,20}"	N
receipt_advice_date	String (10)	Date of receipt Advice	"[0-3] [0-9] / [0-1] [0-9] / [2] [0] [1-2] [0-9]"	N
batch_reference_number	String (3-20)	Lot/Batch Reference No	"^ ([0-9A-ZAZ /]) {0,20}"	N
contract_reference_number	String (3-20)	Contract Reference Number	"^ ([0-9A-ZAZ /]) {0,20}"	N
other_reference	String (3-20)	Any reference Other	"^ ([0-9A-ZAZ /]) {0,20}"	N
project_reference_number	String (3-20)	Project Reference Number	"^ ([0-9A-ZAZ /]) {0,20}"	N
vendor_po_reference_number	String (3-16)	Vendor PO Reference No.	"^ ([0-9A-ZAZ /]) {0,20}"	N
vendor_po_reference_date	String (10)	Vendor PO Reference date	"[0-3] [0-9] / [0-1] [0-9] / [2] [0] [1-2] [0-9]"	N
<b>additional_document_details</b>				
supporting_document_url	String (3-100)	Supporting document URL		N
supporting_document	String (3-1000)	Supporting document in Base64 format		N
additional_information	String (3-1000)	Any additional Information		N
<b>ewaybill_details</b>				
transporter_id	String (15)	Transin / GSTIN		N
transporter_name	String (3-100)	Name of the transporter		N
transportation_mode	String (1)	Mode of transport (1 Road, Rail 2, 3 Air, Ship 4)	ENUM" ["1", "2", "3", "4"]	Y
transportation_distance	String (1-4)	Distance Between source and destination PIN codes	"^ ([0-9]   [1-9] [0-9]   [1-9] [0-9] [0-9]   (3) [1-9] [0-9] [0-9]   (4) [0] [0] [0]) \$ "	Y
transporter_document_number	String (1-15)	Transporter Document No.	[0-9   AZ   az   /   -] {0,15}	N
transporter_document_date	String (10)	Transport Document Date	[0-3] [0-9] / [0-1] [0-9] / [2] [0] [1-2] [0-9]	N

vehicle_number	String (4-20)	Vehicle Number	"O", "R"	N
vehicle_type	String (1)	WHETHER ODC or O-R-Regular		N
<b>value_details (Mandatory)</b>				
total_assessable_value	Number (0-9999999999.99)	Total Assessable value of items for		Y
total_cgst_value	Number (0-99,999,999.99)	Total value of CGST for items		N
total_sgst_value	Number (0-99,999,999.99)	Total value of SGST for items		N
total_igst_value	Number (0-99,999,999.99)	Total value of IGST for items		N
total_cess_value	Number (0-99,999,999.99)	Total value of cess for items		N
total_cess_value_of_state	Number (0-9999999999.99)	Total cess value of state		N
round_off_amount	Number (-999-9999.99)	Rounded off Amount		N
total_invoice_value	Number (0-9999999999.99)	Final Invoice value		Y
total_discount	Number (0-9999999999.99)	Discount		N
total_other_charge	Number (0-9999999999.99)	Other Charges		N
total_cess_value_of_state	Number (0-99,999,999.99)	Total value of State for items cess		N
total_invoice_value_additional_currency	Number (0-99,999,999.99)	Final Invoice value in Additional Currency		N
<b>item_list (Mandatory)</b>				
item_serial_number	Number (1-6)	Serial No. of Item		Y
product_desc	String (3-300)	Product Description		N
is_service	String(1)	Specify the-WHETHER or not supply the service. Specify Y for Service	"Y", "N"	Y
hsn_code	String (4-8)	HSN Code		Y
bar_code	String (3-30)	Bar Code		N

quantity	Number (1-20)	Quantity		N
free_quantity	Number (1-20)	Free Quantity		N
unit	String (3-8)	United	"BAG", "BAL", "BDL", "BKL", "BOU", "BOX", "BTL", "BUN", "CAN", "CBM", "CCM", "CMS", "CTN", "DOZ", "DRM", "GGK", "GMS", "GRS", "GYD", "KGS", "KLR", "KME", "LTR", "MTR", "MLT", "MTS", "NOS", "OTH", "PAC", "PCS", "PRS", "QTL", "ROL", "SET", "SQF", "SQM", "SQY", "TBS", "TGM", "THD", "TON", "TUB", "UGS", "UNT", "YDS"	N
unit_price	Number (0-99,999,999.99)	Unit Price-Rate		Y
total_amount	Number (0-99,999,999.99)	Gross Amount (Unit Price * Quantity)		Y
discount	Number (0-99,999,999.99)	Discount		N
pre_tax_value	Number (0-9999999999.99)	Pre-tax value		N
other_charge	Number (0-99,999,999.99)	Other Charges		N
assessable_value	Number (0-9999999999.99)	Taxable Value (Total Amount - Discount)		Y
gst_rate	Number (0-999.999)	The GST rate, as represented Percentage That applied to-the invoiced item. The Will IGST-only rate.		Y

igst_amount	Number (0-99,999,999.99)	Amount of IGST payable.		N
cgst_amount	Number (0-99,999,999.99)	Amount of CGST payable.		N
sgst_amount	Number (0-9999999999.99)	Amount of SGST payable.		N
cess_nonadv ol_amount	Number (0-9999999999.99)	Cess Non-Advol Amount		N
cess_amount	Number (0-99,999,999.99)	Cess Amount (Advalorem) on basis of Quantity and rate of item		N
state_cess_a mount	Number (0-99,999,999.99)	State Cess Amount		N
state_cess_n onadvol_amo unt	Number (0-99,999,999.99)	Non-State Cess ADVAL Amount		N
order_line_re ference	String (1-50)	Order line reference		N
country_ori gi n	String (2)	Country Origin		N
product_se ri al_number	String (1-15)	Serial number in case of EACH item Having a unique number.		N
item_attribut e_details	String (3-300)	attribute-the details of item		N
item_attribut e_value	String (3-300)	attribute value of the-item		N

total_item_value	Number (0-99,999,999.99)	Total Item Value = Assessable Amount * [1+(CGST Rate + SGST Rate + Cess Rate + State Cess Rate)] + Cess NonAdvol Amount		Y
<b>batch_details</b>				
name	String (3-20)	Batch name		Y
expiry_date	String (10)	Batch Expiry Date	"[0-3] [0-9] / [0-1] [0-9] / [2] [0] [1-2] [0-9]"	N
warranty_date	String (10)	Warranty Date	"[0-3] [0-9] / [0-1] [0-9] / [2] [0] [1-2] [0-9]"	N

### JSON Schema

```
{
  "transaction_details": {
    "Type": "object",
    "Properties": {
      "supply_type": {
        "Type": "string",
        "MinLength": 3,
        "MaxLength": 10,
        "ENUM": [
          "B2B",
          "SEZWP",
          "SEZWOP",
          "EXPWP",
          "EXPWOP",
          "DEXP"
        ],
        "Description": "Type of Supply: B2B Business to Business, SEZWP - With SEZ payment, SEZWOP - SEZ without payment, EXPWP - Export With Payment, EXPWOP - Export without payment, DEXP - Deemed Export"
      },
      "charge_type": {
        "Type": "string",
        "MinLength": 1,
        "MaxLength": 1,
        "ENUM": [
          "Y",
          "N"
        ],
        "Description": "WHETHER the-Y- of liability payable Under the reverse charge"
      },
      "igst_on_intra": {
        "type": "string",
        "Description": "IGST on Intra State Transaction"
      }
    }
  }
}
```

With SEZ payment, SEZWOP - SEZ without payment, EXPWP - Export With Payment, EXPWOP - Export without payment, DEXP - Deemed Export"

```

        "minLength": 1,
        "maxLength": 1,
        "enum": [
            "Y",
            "N"
        ],
        "description": "Y- indicates the supply is intra state but chargeable to IGST"
    }
},
"ecommerce_gstin" {
    "Type": "string",
    "MinLength": 15,
    'MaxLength': 15,
    "Pattern": "[0-9] {2} [0-9 | AZ] {13}",
    "Description": "GSTIN operator of e-Commerce"
}
},
"Required": [
    "supply_type"
]
},
"document_datails" {
    "Type": "object",
    "Properties": {
        "document_type": {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 11,
            "ENUM": [
                "INV",
                "CRN",
                "DBN"
            ],
            "Description": "Document Type: invoices, credit note, debit NOTE"
        },
        "document_number": {
            "Type": "string",
            "MinLength": 1,
            'MaxLength': 16,
            "Pattern": "[1-9 | AZ] {1} [0-9 | AZ | / | -] {15}",
            "Description": "Document Number"
        },
        "document_date": {
            "Type": "string",
            "MinLength": 10,
            'MaxLength': 10,
            "Pattern": "[0-3] [0-9] / [0-1] [0-9] / [2] [0] [1-2] [0-9]",
            "Description": "Document Date"
        }
    },
    "Required": [
        "document_type",
        "document_number",
        "document_date"
    ]
},
"seller_details" {

```

```
"Type": "object",
"Properties": {
  "gstin" {
    "Type": "string",
    "MinLength": 15,
    'MaxLength': 15,
    "Pattern": "[0-9] {2} [0-9 | AZ] {13})",
    "Description": "GSTIN of Supplier"
  },
  "legal_name" {
    "Type": "string",
    "MinLength": 3,
    'MaxLength': 100,
    "Description": "Legal Name"
  },
  "trade_name" {
    "Type": "string",
    "MinLength": 3,
    'MaxLength': 100,
    "Description": "tradenames"
  },
  "address1" {
    "Type": "string",
    "MinLength": 3,
    'MaxLength': 100,
    "Description": "Building / Flat no, Road / Street"
  },
  "address2" {
    "Type": "string",
    "MinLength": 3,
    'MaxLength': 100,
    "Description": "Address 2 of the-Supplier (Floor no., Name of the premises / building)"
  },
  "location" : {
    "Type": "string",
    "MinLength": 3,
    'MaxLength': 50,
    "Description": "Location"
  },
  "pincode" {
    "Type": "number",
    "MinLength": 6,
    'MaxLength': 6,
    "Description": "Pincode"
  },
  "state_code": {
    "Type": "string",
    'Minimum': 1,
    "Maximum": 2,
    "Description": "State Name"
  },
  "phone_number": {
    "Type": "String",
    "MinLength": 10,
    'MaxLength': 12,
    "Description": "Phone or Mobile No."
  }
},
```

```

    "email" {
        "Type": "string",
        "MinLength": 6,
        'MaxLength': 100,
        "Description": "Email Id"
    }
},
"Required": [
    "gstin"
    "legal_name"
    "address1"
    "location"
    "pincode",
    "state_code"
]
},
"buyer_details" {
    "Type": "object",
    "Properties": {
        "gstin" {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 15,
            "Pattern": "[0-9] {2} [0-9 | AZ] {13} | PRO"
            "Description": "GSTIN of Buyer, PRO Exporting ow"
        },
        "legal_name" {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 100,
            "Description": "Legal Name"
        },
        "trade_name" {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 100,
            "Description": "Trade Name"
        },
        "place_of_supply": {
            "Type": "string",
            "MinLength": 1,
            'MaxLength': 2,
            "Description": "State code of Place of supply. If POS Lies Outside-the country, a code-the-Shall BE 96."
        },
        "address1" {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 100,
            "Description": "Address 1 of-the Buyer. (Building / Flat no., Road / Street etc.)"
        },
        "address2" {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 100,
            "Description": "Address 2 of-the Buyer. (Floor no., Name of the premises / building)"
        }
}

```

```
"location": {
    "Type": "string",
    "MinLength": 3,
    'MaxLength': 100,
    "Description": "Location"
},
"pincode" {
    "Type": "number",
    "MinLength": 6,
    'MaxLength': 6,
    "Description": "Pincode"
},
"state_code": {
    "Type": "string",
    'Minimum': 1,
    "Maximum": 2,
    "Description": "State Name"
},
"phone_number": {
    "Type": "String",
    "MinLength": 10,
    'MaxLength': 12,
    "Description": "Phone or Mobile No."
},
"email" {
    "Type": "string",
    "MinLength": 6,
    'MaxLength': 100,
    "Description": "Email Id"
},
"Required": [
    "gstin"
    "legal_name"
    "place_of_supply"
    "address1"
    "location"
]
},
"dispatch_details" {
    "Type": "object",
    "Properties": {
        "company_name": {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 60,
            "Description": "Name of the company From The Good Which are dispatched"
        },
        "address1" {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 100,
            "Description": "Address 1 From Which entity of-  
the Goods are dispatched. (Building / Flat no.Road / Street etc.)"
        },
        "address2" {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 100,
            "Description": "Address 2 From Which entity of-  
the Goods are dispatched. (Building / Flat no.Road / Street etc.)"
        }
    }
}
```

```

        "MinLength": 3,
        'MaxLength': 100,
        "Description": "Address 2 of-
the entity From Which Goods are dispatched. (Floor no., Name of the premises / building)"
    },
    "location": {
        "Type": "string",
        "MinLength": 3,
        'MaxLength': 100,
        "Description": "Location"
    },
    "pincode" {
        "Type": "number",
        "MinLength": 6,
        'MaxLength': 6,
        "Description": "Pincode"
    },
    "state_code" {
        "Type": "string",
        "Minimum": 1,
        "Maximum": 2,
        "Description": "State Code"
    }
},
"Required": [
    "company_name"
    "address1"
    "Loc"
    "Pin",
    "state_code"
]
},
"ship_details" {
    "Type": "object",
    "Properties": {
        "gstin" {
            "Type": "string",
            'MaxLength': 15,
            "MinLength": 15,
            "Pattern": "[0-9] {2} [0-9 | AZ] {13}) | PRO"
            "Description": "GSTIN of entity to whom Goods are shipped"
        },
        "legal_name" {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 60,
            "Description": "Legal Name"
        },
        "trade_name" {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 60,
            "Description": "Trade Name"
        },
        "address1" {
            "Type": "string",
            "MinLength": 3,

```

```

        'MaxLength': 100,
        "Description": "Address1 of-the-
the entity to whom supplies are shipped to. (Building / Flat no., Road / Street etc.)"
    },
    "address2" {
        "Type": "string",
        "MinLength": 3,
        'MaxLength': 100,
        "Description": "Address 2 of the-the-
entity to whom supplies are shipped to. (Floor no., Name of the premises / building)."
    },
    "location": {
        "Type": "string",
        "MinLength": 3,
        'MaxLength': 100,
        "Description": "Place (City, Town, Village) entity to whom-the supplies are shipped to."
    },
    "pincode" {
        "Type": "number",
        "MinLength": 6,
        'MaxLength': 6,
        "Description": "Pincode"
    },
    "state_code" {
        "Type": "string",
        "Minimum": 1,
        "Maximum": 2,
        "Description": "State Code to Which supplies are shipped to."
    }
},
"Required": [
    "legal_name"
    "address1"
    "location"
    "pincode",
    "state_code"
]
},
"ItemList" {
    "Type": "array",
    "Item": [
        {
            "Type": "object",
            "Properties": {
                "item_serial_number" {
                    "Type": "string",
                    "MinLength": 1,
                    'MaxLength': 6,
                    "Description": "Serial No. of Item"
                },
                "product_description" {
                    "Type": "string",
                    "MinLength": 3,
                    'MaxLength': 300,
                    "Description": "Product Description"
                },
                "is_service" {

```

```
"Type": "string",
"MinLength": 1,
'MaxLength': 1,
"ENUM" [
    "Y",
    "N"
],
"Description": "Specify the-WHETHER or not supply the service. Specify Y for Service"
},
"hsn_code" {
    "Type": "string",
    "MinLength": 4,
    'MaxLength': 8,
    "Description": "HSN Code"
},
"batch_details" {
    "Type": "object",
    "Properties": {
        "name": {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 20,
            "Description": "Batch name"
        },
        "expiry_date" {
            "Type": "string",
            'MaxLength': 10,
            "MinLength": 10,
            "Pattern": "[0-3] [0-9] / [0-1] [0-9] / [2] [0] [1-2] [0-9]",
            "Description": "Batch EXPIRY Date"
        },
        "warranty_date" {
            "Type": "string",
            'MaxLength': 10,
            "MinLength": 10,
            "Pattern": "[0-3] [0-9] / [0-1] [0-9] / [2] [0] [1-2] [0-9]",
            "Description": "Warranty Date"
        }
    },
    "Required": [
        "name"
    ]
},
"bar_code" {
    "Type": "string",
    "MinLength": 3,
    'MaxLength': 30,
    "Description": "Bar Code"
},
"quantity" {
    "Type": "string",
    "MinLength": 1,
    'MaxLength': 20,
    "Description": "Quantity"
},
"free_quantity" {
    "Type": "string",
```

```
        "MinLength": 1,  
        'MaxLength': 20,  
        "Description": "Free Quantity"  
    },  
    "unit": {  
        "Type": "string",  
        "MinLength": 3,  
        'MaxLength': 8,  
        "ENUM": [  
            "BAG",  
            "BAL",  
            "BDL",  
            "BKL",  
            "BOU",  
            "BOX",  
            "BTL",  
            "BUN",  
            "CAN",  
            "CBM",  
            "CCM",  
            "CMS",  
            "CTN",  
            "DOZ",  
            "DRM",  
            "GGK",  
            "GMS",  
            "GRS",  
            "GYD",  
            "KGS",  
            "KLR",  
            "KME",  
            "LTR",  
            "MTR",  
            "MLT",  
            "MTS",  
            "NOS",  
            "OTH",  
            "PAC",  
            "PCS",  
            "PRS",  
            "QTL",  
            "ROL",  
            "SET",  
            "SQF",  
            "SQM",  
            "SQY",  
            "TBS",  
            "TGM",  
            "THD",  
            "TON",  
            "TUB",  
            "UGS",  
            "UNT",  
            "YDS"  
        ],  
        "Description": "United"  
    },  
},
```

```

"unit_price" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 99,
    999,
    999,
    999.99,
    "Description": "Unit Price - Rate"
},
"total_amount" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 99,
    999,
    999,
    999.99,
    "Description": "Gross Amount Amount (Unit Price * Quantity)"
},
"discount": {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 9,
    999,
    999,
    999.99,
    "Description": "Discount"
},
"pre_tax_value" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 999999999999.99,
    "Description": "Pre-tax value"
},
"assessable_value" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 999999999999.99,
    "Description": "Taxable Value (Total Amount -Discount)"
},
"gst_rate" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 999.99,
    "Description": "The GST rate, as represented Percentage That applie to-the invoiced item. The Will IGST-only rate."
},
"igst_amount" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 99,
    999,
    999,
    999.99,
    "Description": "Amount of IGST payable."
},
"cgst_amount" {
    "Type": "number",

```

```

    "Minimum": 0,
    "Maximum": 99,
    999,
    999,
    999.99,
    "Description": "Amount of CGST payable."
},
"sgst_amount" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 99,
    999,
    999,
    999.99,
    "Description": "Amount of SGST payable."
},
"cess_rate" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 99,
    999,
    999,
    999.99,
    "Description": "Chess Rate"
},
"cess_amount" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 99,
    999,
    999,
    999.99,
    "Description": "Chess Amount (Advalorem) on basis of Quantity and rate of item"
},
"cess_nonadvol_amount" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 99,
    999,
    999,
    999.99,
    "Description": "Chess Non-Advol Amount"
},
"state_cess_rate" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 99,
    999,
    999,
    999.99,
    "Description": "State Chess Rate"
},
"state_cess_amount" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 99,
    999,

```

```

        999,
        999.99,
        "Description": "State Chess Amount"
    },
    "state_cess_nonadvol_amount" {
        "Type": "number",
        "Minimum": 0,
        "Maximum": 99,
        999,
        999,
        999.99,
        "Description": "Non-State Chess ADVAL Amount"
    },
    "other_charge" {
        "Type": "number",
        "Minimum": 0,
        "Maximum": 99,
        999,
        999,
        999.99,
        "Description": "Other Charges"
    },
    "total_item_value" {
        "Type": "number",
        "Minimum": 0,
        "Maximum": 99,
        999,
        999,
        999.99,
        "Description": "Item Total Value = Assessable Amount + + SGST CGST Amt Amt Amt Amt + + chess CesNonAdvlAmt StateCesAmt + + + StateCesNonAdvlAmt Otherchrg"
    },
    "order_line_reference" {
        "Type": "string",
        "MinLength": 1,
        'MaxLength': 50,
        "Description": "Order line referencee"
    },
    "country_origin" {
        "Type": "string",
        "MinLength": 2,
        'MaxLength': 2,
        "Description": "Country Origin"
    },
    "product_serial_number" {
        "Type": "string",
        "MinLength": 1,
        'MaxLength': 15,
        "Description": "Serial number in case of EACH item Having a unique number."
    },
    "attribute_details" {
        "Type": "Array",
        "Attribute": [
            {
                "Type": "object",
                "Properties": {
                    "item_attribute_details": {

```

```
        "Type": "string",
        "MinLength": 3,
        'MaxLength': 100,
        "Description": "attribute-the details of item "
    },
    "item_attribute_value": {
        "Type": "string",
        "MinLength": 3,
        'MaxLength': 100,
        "Description": "attribute value of the-item"
    }
}
],
"Required": [
    "item_serial_number",
    "is_service",
    "hsn_code",
    "unit_price",
    "total_amount",
    "assessable_value",
    "gst_rate",
    "total_item_value"
]
},
],
},
"value_details" {
    "Type": "object",
    "Properties": {
        "total_assessable_value" {
            "Type": "number",
            "Minimum": 0,
            "Maximum": 999999999999.99,
            "Description": "Total Assessable value of items for"
        },
        "total_cgst_value" {
            "Type": "number",
            "Maximum": 99,
            999,
            999,
            999.99,
            "Minimum": 0,
            "Description": "Total value of CGST for items"
        },
        "total_sgst_value" {
            "Type": "number",
            "Minimum": 0,
            "Maximum": 99,
            999,
            999,
            999.99,
            "Description": "Total value of SGST for items"
        },
        "total_igst_value" {
```

```
"Type": "number",
"Minimum": 0,
"Maximum": 99,
999,
999,
999.99,
"Description": "Total value of IGST for items"
},
"total_cess_value" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 99,
999,
999,
999.99,
"Description": "Total value of cess for items"
},
"total_cess_value_of_state" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 99,
999,
999,
999.99,
"Description": "Total value of State for items cess"
},
"total_discount" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 999999999999.99,
"Description": "Discount"
},
"total_other_charge" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 999999999999.99,
"Description": "Other Charges"
},
"round_off_amount" {
    "Type": "number",
    "Minimum": -999,
    "Maximum": 9999.99,
"Description": "Rounded off Amount"
},
"total_invoice_value" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 999999999999.99,
"Description": "Final Invoice value"
},
"total_invoice_value_additional_currency" {
    "Type": "number",
    "Minimum": 0,
    "Maximum": 99,
999,
999,
999.99,
```

```
        "Description": "Final Invoice value in Additional Currency"
    },
    "Required": [
        "total_assessable_value",
        "total_invoice_value"
    ],
},
"payment_details" {
    "Type": "object",
    "Properties": {
        "payee_name": {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 100,
            "Description": "Payee Name"
        },
        "bank_account_number": {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 18,
            "Description": "Bank account number of payee"
        },
        "payment_mode": {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 18,
            "Description": "Mode of Payment: Cash, Credit, Direct Transfer"
        },
        "branch_or_ifsc": {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 11,
            "Description": "Branch or IFSC code"
        },
        "payment_term": {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 100,
            "Description": "Terms of Payment"
        },
        "payment_instruction": {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 100,
            "Description": "Payment Instruction"
        },
        "credit_transfer": {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 100,
            "Description": "Credit Transfer"
        },
        "direct_debit": {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 100,
```

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        "Description": "Direct Debit"
    },
    "credit_days" {
        "Type": "number",
        "Minimum": 0,
        "Maximum": 9999,
        "Description": "Credit Days"
    },
    "paid_balance_amount" {
        "Type": "number",
        "Minimum": 0,
        "Maximum": 9,
        999,
        999,
        999.99,
        "Description": "The sum of Which Have Been Amount paid in advance."
    },
    "outstanding_amount"{
        "Type": "number",
        "Minimum": 0,
        "Maximum": 9,
        999,
        999,
        999.99,
        "Description": "That the Outstanding Amount Required To Be paid."
    }
},
"reference_details" {
    "Type": "object",
    "Properties": {
        "invoice_remarks" {
            "Type": "string",
            'MaxLength': 100,
            "MinLength": 3,
            "Pattern": "[0-9 | AZ | az | / | -] {0100}",
            "Description": "Remarks / Note"
        },
        "document_period_details": {
            "type": "object",
            "properties": {
                "invoice_period_start_date": {
                    "type": "string",
                    "maxLength": 10,
                    "minLength": 10,
                    "pattern": "[0-3][0-9]/[0-1][0-9]/[2][0][1-2][0-9]",
                    "description": "Invoice Period Start Date"
                },
                "invoice_period_end_date": {
                    "type": "string",
                    "maxLength": 10,
                    "minLength": 10,
                    "pattern": "[0-3][0-9]/[0-1][0-9]/[2][0][1-2][0-9]",
                    "description": "Invoice Period End Date"
                }
            },
            "required": [

```

```

        " invoice_period_start_date",
        " invoice_period_end_date"
    ],
},
"preceding_document_details" {
    "Type": "Array",
    "PrecDocument": [
        {
            "Type": "object",
            "Properties": {
                "reference_of_original_invoice" {
                    "Type": "string",
                    "MinLength": 3,
                    'MaxLength': 16,
                    "Pattern": "[1-9 | AZ | [az 0-9] {1} | AZ | az | / | -] {0,15}",
                    "Description": "Reference of original invoice, ow ANY."
                },
                "preceding_invoice_date" {
                    "Type": "string",
                    'MaxLength': 10,
                    "MinLength": 10,
                    "Pattern": "[0-3] [0-9] / [0-1] [0-9] / [2] [0] [1-2] [0-9]",
                    "Description": "Date of preceding invoice"
                },
                "other_reference" {
                    "Type": "string",
                    "MinLength": 3,
                    'MaxLength': 20,
                    "Description": "Other Reference"
                }
            },
            "Required": [
                "reference_of_original_invoice"
                "preceding_invoice_date"
            ]
        }
    ],
},
"contract_details" {
    "Type": "Array",
    "Contract": [
        {
            "Type": "object",
            "Properties": {
                "receipt_advice_number" {
                    "Type": "string",
                    "MinLength": 3,
                    'MaxLength': 20,
                    "Pattern": "^( [0-9A-ZAZ /] ) {0,20}",
                    "Description": "Receipt Advice No."
                },
                "receipt_advice_date" {
                    "Type": "string",
                    "MinLength": 10,
                    'MaxLength': 10,
                    "Pattern": "[0-3] [0-9] / [0-1] [0-9] / [2] [0] [1-2] [0-9]",
                    "Description": "Date of receipt Advice"
                }
            }
        }
    ]
}

```

```

        },
        "batch_reference_number" {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 20,
            "Pattern": "^\w{3,20}$",
            "Description": "Lot / Batch Reference No."
        },
        "contract_reference_number" {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 20,
            "Pattern": "^\w{3,20}$",
            "Description": "Contract Reference Number"
        },
        "other_reference" {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 20,
            "Pattern": "^\w{3,20}$",
            "Description": "Any reference Other"
        },
        "project_reference_number" {
            "Type": "string",
            'MaxLength': 20,
            "MinLength": 3,
            "Pattern": "^\w{3,20}$",
            "Description": "Project Reference Number"
        },
        "vendor_po_reference_number" {
            "Type": "string",
            'MaxLength': 16,
            "MinLength": 3,
            "Pattern": "^\w{3,16}$",
            "Description": "Vendor PO Reference Number"
        },
        "vendor_po_reference_date" {
            "Type": "string",
            "MinLength": 10,
            'MaxLength': 10,
            "Pattern": "[0-3][0-9] [0-1][0-9] / [2][0] [1-2][0-9]",
            "Description": "Vendor PO Reference date"
        }
    }
}
],
"Required": [
    "invoice_period_start_date",
    "invoice_period_end_date"
]
},
"additional_document_details" {
    "Type": "Array",
    "Additional Document": [
        {

```

```

    "Type": "object",
    "Properties": {
        "supporting_document_url": {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 100,
            "Description": "Supporting document URL"
        },
        "supporting_document": {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 1000,
            "Description": "Supporting document in Base64 format"
        },
        "additional_information": {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 1000,
            "Description": "Any Additional information"
        }
    }
},
"export_details" {
    "Type": "object",
    "Properties": {
        "ship_bill_number" {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 20,
            "Description": "Shipping Bill No."
        },
        "ship_bill_date" {
            "Type": "string",
            "MinLength": 10,
            'MaxLength': 10,
            "Pattern": "[0-3] [0-9] / [0-1] [0-9] / [2] [0] [1-2] [0-9]",
            "Description": "Shipping Bill Date"
        },
        "port_code": {
            "Type": "string",
            "MinLength": 2,
            'MaxLength': 10,
            "Pattern": "[0-9 | AZ | az] {0,10}",
            "Description": "Port Code"
        },
        "refund_claim" {
            "Type": "string",
            "MinLength": 1,
            'MaxLength': 1,
            "Description": "Options for Supplier for refund. Y / N"
        },
        "foreign_currency" {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 16,

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        "Description": "Additional Currency Code"
    },
    "country_code" {
        "Type": "string",
        "MinLength": 2,
        'MaxLength': 2,
        "Description": "Country Code"
    },
    "export_duty": {
        "type": "number",
        "minimum": 0,
        "maximum": 999999999999.99,
        "description": "Export Duty"
    }
},
"ewaybill_details" {
    "Type": "object",
    "Properties": {
        "transporter_id" {
            "Type": "string",
            "MinLength": 15,
            'MaxLength': 15,
            "Description": "Transin / GSTIN"
        },
        "transporter_name" {
            "Type": "string",
            "MinLength": 3,
            'MaxLength': 100,
            "Description": "Name of the transporter"
        },
        "transportation_mode" {
            "Type": "string",
            'MaxLength': 1,
            "MinLength": 1,
            "ENUM" [
                "1",
                "2",
                "3",
                "4"
            ],
            "Description": "Mode of transport (1 Road, Rail 2, 3 Air, Ship 4)"
        },
        "transportation_distance": {
            "Type": "string",
            'MaxLength': 1,
            "MinLength": 4,
            "Pattern": "^(\\d{1-9} | \\d{1-9}\\d{1-9} | \\d{1-9}\\d{1-9}\\d{1-9} | \\d{1-9}\\d{1-9}\\d{1-9}\\d{1-9} | (\\d{1-9}\\d{1-9}\\d{1-9}\\d{1-9}\\d{1-9} | (\\d{1-9}\\d{1-9}\\d{1-9}\\d{1-9}\\d{1-9}\\d{1-9})\\s))$",
            "Description": "Distance Between source and destination PIN codes"
        },
        "transporter_document_number" {
            "Type": "string",
            "MinLength": 1,
            'MaxLength': 15,
            "Pattern": "[0-9 | AZ | az | / | -]{0,15}",
            "Description": "tranport Document Number"
        }
    }
}

```

```

"transporter_document_date" {
    "Type": "string",
    "MinLength": 10,
    'MaxLength': 10,
    "Pattern": "[0-3] [0-9] / [0-1] [0-9] / [2] [0] [1-2] [0-9]",
    "Description": "Transport Document Date"
},
"vehicle_number" {
    "Type": "string",
    "MinLength": 4,
    'MaxLength': 20,
    "Description": "Vehicle Number"
},
"vehicle_type" {
    "Type": "string",
    "MinLength": 1,
    'MaxLength': 1,
    "ENUM" [
        "O",
        "R"
    ],
    "Description": "WHETHER ODC or O-R-Regular"
}
},
"Required": [
    "transportation_distance",
]
},
"Required": [
    "transaction_details"
    "document_details"
    "seller_details"
    "buyer_details"
    "item_list"
    "value_details"
]
}

```

## Validations

### Validations in e-Invoicing System

- 1.E-Invoice request JSON data has to be validated as per the e-Invoice JSON Schema given in the notification.
- 2.'Version' attribute in the Schema is mandatory and should be latest as per the latest notification. Presently it should be passed as '1.1'.
- 3.IRN should not be passed as part of the request; it is generated by the e-Invoice system and sent as response.
- 4.The attributes in the JSON schema have been defined with column length, format and data types. Where-ever the data format is not defined for the attribute having data type as string, then for these attributes, the alphanumeric and special characters are allowed except the special characters " (double quote) and \ (back slash).
- 5.IRN generation is allowed only for the active Supplier. If he is cancelled or suspended, he cannot generate IRN.
- 6.The following fields should have one of the values given in the master codes.

**1. Supply Type of Transaction**

**2. Document Type**

- 7.**The category of transaction of "Business to Consumer (B2C)" invoices will not be considered and hence the API interface should not request for IRN for these transactions.
- 8.**Document number should not be starting with 0, / and -. If so, then request is rejected.
- 9.**IRN requests with Document Date from 01/10/2022 only will be accepted and processed for IRN generation. IRN requests belonging to previous dates will be rejected.
- 10.**Supplier should ensure that the unique invoice number is being generated for the financial year for each invoice, in his ERP/manual system. The financial year is derived from the date of invoice. The financial year starts from 1st April and ends on 31st March.
- 11.**Duplicate IRN requests are not considered. That is, if the IRN is already generated on particular type of document and document number of the supplier for the financial year, then one more IRN cannot be generated on the same combination.
- 12.**e-invoice(IRN) cannot be re-generated for the cancelled e-invoice(IRN) also.
- 13.**Request for the IRN/e-Invoice can be made only by the supplier of the goods or services.
- 14.**In case of e-commerce transactions, the e-Commerce Operator can request for the IRN/e-invoice on behalf of the supplier. In this case, the e-Commerce Operator should have been registered on the GST portal as e-Commerce Operator and pass eCom\_GSTIN accordingly.
- 15.**In case the supplier is SEZ unit, then he cannot generate e-Invoice.
- 16.**"Reverse Charges" can be set as "Y" in case of B2B and SEZ invoices only and tax is being paid in reverse manner as per rule. Even in case of Reverse Charged invoices, the Supplier has to generate the IRN.
- 17.**SEZWP and SEZWOP supply type is allowed only if the taxpayer type of recipient GSTIN is 'SEZ Unit' or 'SEZ Developer'.
- 18.**Recipient GSTIN should be registered and active or suspended, on the date of preparation of the document by the supplier.
- 19.**In case Recipient GSTIN is cancelled, then the document date should be between the date of registration and date of de-registration of the Recipient GSTIN.
- 20.**In case SEZ Developer is Supplier, then only IGST tax rates are applicable irrespective of Supplier state code and POS code.
- 21.**In case of transaction of direct export, recipient GSTIN has to be URP and state code has to be 96, PIN code should be 999999, POS should be 96.
- 22.**In case of GSTIN of supplier or recipient belonging to state of 'OTHER TERRITORY' (with state code as 97), then PIN code can be 999999.
- 23.**First two digits of the Supplier / Recipient GSTIN should match with the state code passed in the Supplier / Recipient details accordingly except if supply type is exports wherein Recipient state code will be 96.
- 24.**PIN Codes are validated against the States, they belong by matching the complete pincode against state master. If the PIN Code does not exist in the master database of the e-invoicing system, and the first 3 digits of the PIN code is matched with the State as per the pattern of PIN code-to-State mapping defined by postal department, then IRN gets generated.
- 25.**If "Shipping party" is provided, then the transaction is considered as "Bill To-Ship To".
- 26.**If "Dispatching party" is provided, then the transaction is considered as "Bill From " Dispatch From".
- 27.**If both Shipping and Dispatching parties are provided, then the transaction is considered as "Combination of Both" (Bill From - Dispatch From and Bill To- Ship To).
- 28.**In case of export transactions for goods, if e-way bill is required along with IRN, then the 'Ship-To' address should be of the place/port in India from where the goods are being exported. Otherwise E-way bill can be generated later based on IRN, by passing the 'Ship-To' address as the place/port address of India from where the goods are being exported .
- 29.**In case IGST on intrastate supply, tax rates and tax values related to IGST should be passed, and Supplier state code and POS state code should be same.
- 30.**In case IGST on intrastate supply, then Reverse charge is mandatory.
- 31.**The state code of the Supplier GSTIN and POS will decide whether the supply type is Interstate or Intrastate. That is, if the State code of Supplier and POS is same, then it is intra-state, otherwise it is inter-state. However, IGST on intrastate supply attribute will overrule this condition.
- 32.**In case of Exports and SEZ, the supply is always Interstate
- 33.**JSON payload size cannot exceed 2MB.

- 34.** Reverse charge is not applicable for transactions if recipient taxpayer type is ISD.
- 35.** Deemed exports is allowed for recipient taxpayers with taxpayer type as Regular or Casual.
- 36.** Tax rate 0.5% is withdrawn.
- 37.** The maximum date value for RefDtls.DocPerdDtls.InvEndDt is 31/12/2059.
- 38.** The Supplier GSTIN can be of taxpayer type REG or SED.
- 39.** The State code 25 of Daman and Diu is withdrawn under POS.

#### **Validations for e-Invoices by e-Commerce operators:**

- 1.** The e-Invoices may be generated by the e-Commerce operator (having tax payer type as 'TCS' ) on behalf of the Suppliers.
- 2.** The e-Commerce operator need not be enabled for e-Invoicing.
- 3.** The e-Invoices generated by e-Commerce operators should include "EcmGstin" attribute and should be the same as their GSTIN.
- 4.** For e-Invoices generated by Suppliers, the "EcmGstin" attribute should be blank.
- 5.** The e-Invoices generated by e-Commerce operators are also accessible to the Suppliers for all the operations such as Viewing of IRN, Cancellation of IRN and Generation of E-Waybill.
- 6.** E-Waybills generated by e-Commerce operators can be cancelled by Suppliers also.
- 7.** Only e-Commerce operators can generate e-Invoices pertaining to e-Commerce transactions.

#### **Validations on Items:**

- 1.** Serial number of the item can be only numeric & is verified for duplicate values.
- 2.** Each item needs to have valid HSN code with at least 4 digits. HSN Code should be valid as per the GST master.
- 3.** If Is Service is selected, then the HSN codes must belong to services.
- 4.** Each item should have valid Unit Quantity Code (UQC) as per the master codes, in case of goods.
- 5.** Quantity and Unit Quantity Code are mandatory for Goods and optional for Services.
- 6.** Tax rates are being validated. Only the allowed tax rates will be accepted for all types of document including Credit Note and Debit Note. In case of intra-state transaction, the sum of SGST and CGST tax rates should be entered as GST Rate.
- 7.** In case of inter-state transaction, the IGST tax rate and value has to be passed.
- 8.** In case of export transaction, IGST tax rate and value has to be passed.
- 9.** In case the Recipient is SEZ unit or SEZ Developer, then IGST tax rate and value has to be passed irrespective of state of the Recipient.
- 10.** Maximum number of items in each invoice should not exceed more than 1000 items and a minimum of 1 item should be available.

#### **Calculation of Values:**

**The following summation validations are to be done for items -**

- Taxable Value of Item = Gross Amount of Item - Discount
- SGST Value of Item = Taxable Value of Item X GST Rate / 2, if intra-state CGST Value of Item = Taxable Value of Item X GST Rate / 2, if intra-state
- IGST Value of Item = Taxable Value of Item X GST Rate, if inter-state
- Cess Value of Item = Taxable Value of Item X Cess Rate
- State Cess Value of Item = Taxable Value of Item X State Cess Rate

- Total Value of Item = Taxable Value of Item + SGST Value of Item + CGST Value of Item + IGST Value of Item + Cess Value of Item + State Cess Value of Item + Non-Advvol Cess Value of Item + State Cess Non-advvol value of Item + Other charges.
- However, in case of Reverse charge and Export transactions (EXPWP), Total value of Item can match with either with tax values or without tax values. That is, the total value of item can include or exclude the tax values as per the business requirements.
- (Note: Temporarily, the validation of 'Gross Amount of Item with Quantity and Selling Unit Price' has been withdrawn.
- In case of EXPWOP and SEZWOP, Passed IGST Value of Item will not be validated even if actual tax rate is passed, if the passed value of IGST for that is ZERO.)
- In case of Reverse Charge, the tax (SGST+CGST or IGST) may be included or excluded in the Total value of Item.

**The following summation validations are to be done on Invoice total -**

- Total Taxable Value = Taxable Value of all Items
- Total SGST Value = SGST Value of all Items
- Total CGST Value = CGST Value of all Items
- Total IGST Value = IGST Value of all Items
- Total Cess Value = Cess Value of all Items + Non-Advvol Cess Value of all Items
- Total State Cess Value = State Cess Value of all Items + State Cess Non-advvol Value of all Items
- In case of CREDIT NOTE AND DEBIT NOTE, the 'IGST/CGST/SGST/CESS value of item' is not validated with corresponding tax rates and taxable values.

- Tolerance limit for points 1 and 2 above: The passed value should be between minimum and maximum values as explained here. Minimum value is considered as the rupee part of the calculated value minus one rupee and maximum value is taken as the rounded up to next rupee value of the calculated value plus one rupee.

**Example 1:** In Point 1 and 2, if calculated value for IGST of item A is 2345.04 then tolerance limit for passed value of that item is between 2344.00 and 2347.00.

**Example 2:** In Point 1 and 2, if calculated value of IGST of all items is 10241.00 then tolerance limit for passed value of IGST of all items is between 10240.00and 10242.00

- The round-off value for 'Round\_off\_amount' attribute is to adjust final 'Total\_Invoice\_Value\_INR' attribute and can be between -99.99 and +99.99
- The following summation validation is to be done on Invoice total
  - Total Invoice Value = Sum of All Total Value of Items - Invoice Discount + Invoice Other charges + Round-off amount
- Tolerance limit for point 5 above: The passed value should be between minimum and maximum values as explained here. Minimum value is considered as the rupee part of the calculated value minus one rupee and maximum value is taken as the rounded up to next rupee value of the calculated value plus one rupee.

**Example :** If 'calculated total invoice value' is 10241.61 then tolerance limit for 'passed total invoice value' is between 10240.00 and 10243.00

**Validations on e-waybill:**

- E-waybill can be generated only if E-way Bill related details are passed where distance is mandatory.
- E-way Bill is not generated for document types of Debit Note and Credit Note and Services.
- E Way Bill can be generated provided at least HSN of one item belongs to goods.
- If only Transporter Id is provided, then only Part-A is generated. Transport Mode, Vehicle Type, Vehicle No, Transportation document number and date should be null or attributes should not have been passed.

- If mode of transportation is "Road", then the Vehicle number and vehicle type should be passed. If mode of transportation is Air, Rail, then the transport document number and date should be passed. Vehicle type and vehicle number should be null or attributes should not have been passed.
- If mode of transportation is "Ship/ Road cum Ship", then either Vehicle number or transport document number and date or both can be passed. Vehicle type should be ODC.
- The Vehicle no. should match with specified format and exist in Vahan database.
- E-Waybill will not be generated if the Supplier or Recipient GSTIN is blocked due to non-filing of Returns.
- Pincode of Recipient GSTIN is mandatory if Ship-To details are not entered.
- The distance of transportation is validated against the auto-calculated PIN-PIN distance stored in the system. The allowed distance for transportation should be between +/- 10 % of auto-calculated PIN-PIN distance. If the auto-calculated distance is less than 100 KMs, then The allowed distance for transportation should be between 1 and +10 % of auto-calculated PIN-PIN distance.
- If the distance of transportation is passed as 0 (zero), then the system will consider it as request made by the tax payer, to consider the auto-calculated PIN-PIN distance for the generation of e-way bill and generate the e-way bill along with IRN. The actual distance is passed in "Info. Message" column for reference.
- If the PIN-PIN distance is not available in the system, the passed value of distance will be taken for generation of e-way bill and distance value can not be more than 4000.
- The actual distance has to be passed in case the source and destination PIN codes are same and the allowed range of value is from 1 to 100.
- In case of export of goods, if e-way bill has to be generated, then the address of port should have been passed as shipping address during generation of IRN.
- In case incomplete information has been passed for generation of E Way Bill, then IRN will be generated and returned but not E Way Bill number. However subsequently, based on IRN, E Way Bill can be generated.

### #3: Cancel Einvoice / IRN:

**Method:** POST

**URL:** <https://sandb-api.mastersindia.co/api/v1/cancel-einvoice/>

```
curl --location 'https://sandb-api.mastersindia.co/api/v1/cancel-einvoice/'

--header 'Authorization: JWT
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ1c2VyX2lkIjo2NDYsInVzZXJuYW1lIjoiYW1hbkBtYXN0ZXJzaW5kaWEuY28iLCJvcmlnX2lhCI6MTY5NDY3NzU2OH0.OE2G-LVpS5auQPuE_ABkKE4ZAJljSuVIHrPJXIZE1k4'

--data '{
  "user_gstin": "09AAAPG7885R002",
  "irn": "ac58d64d47b8816e444deb35c27477dea18d630a34e3c2f59a2aa0e86c70629e",
  "cancel_reason": "1",
  "cancel_remarks": "Wrong entry",
  "ewaybill_cancel": ""
}'
```

**Success Response:**

```
{
  "results": {
```

```

"message": {
    "Irn": "ac58d64d47b8816e444deb35c27477dea18d630a34e3c2f59a2aa0e86c70629e",
    "CancelDate": "2023-09-14 13:29:00"
},
"errorMessage": "",
"InfoDtls": "",
"status": "Success",
"code": 200
}
}

```

**Failed Response:**

```

{
    "results": {
        "message": "",
        "errorMessage": "2143: Invoice does not belongs to the user GSTIN",
        "InfoDtls": "",
        "status": "Failed",
        "code": 204
    }
}

```

**Json Schema:**

```

{
    "type": "object",
    "properties": {
        "irn": {
            "type": "string",
            "description": "IRN number"
        },
        "cancel_reason": {
            "type": "string",
            "description": "Cancel reason"
        },
        "cancel_remarks": {
            "type": "string",
            "description": "Cancel Remarks"
        }
    }
}

```

**Validations**

1. IRN can be cancelled within 24 hours of IRN generation.
2. IRN cannot be cancelled, if the Valid/Active E-way Bill exists for the same.
3. Cancellation can be done by active or suspended taxpayers.

## #4: Generate e-Way Bill by IRN

**Method:** POST

**URL:** <https://sandb-api.mastersindia.co/api/v1/gen-ewb-by-irn/>

```
curl --location 'https://sandb-api.mastersindia.co/api/v1/gen-ewb-by-irn/'  
--header 'Authorization: JWT  
eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJc2VyX2lkIjo2NDYsInVzZXJuYW1lIjoiYW1hbkBtYXN0ZXJzaW5kaWEuY28iLCJvcmlnX2IhdCI6MTY5NDY3NzU2OH0.OE2G-LVpS5auQPuE_ABkKE4ZAJljSuVIhrPJXIZE1k4'  
--data '{  
    "user_gstin": "09AAAPG7885R002",  
    "irn": "dd609070d4f3f66f1585fc13abd52e8f47d4102c8389bb9f7411afe52a9e778a",  
    "transporter_id": "05AAABB0639G1Z8",  
    "transportation_mode": "1",  
    "transporter_document_number": "12345",  
    "transporter_document_date": "14/09/2023",  
    "vehicle_number": "KA01AB1234",  
    "distance": 256,  
    "vehicle_type": "R",  
    "transporter_name": "Jay Trans",  
    "data_source": "erp",  
    "dispatch_details": {  
        "company_name": "dqfefkewl",  
        "address1": "Vila",  
        "address2": "Vila",  
        "location": "Noida",  
        "pincode": 201301,  
        "state_code": "09"  
    },  
    "ship_details": {  
        "address1": "PILA 1",  
        "address2": "PILA 1",  
        "location": "Nainital",  
        "pincode": 248001,  
        "state_code": "UTTARAKHAND"  
    }  
}'
```

#### Success Response:

```
{  
    "results": {  
        "message": {  
            "EwbNo": 401008880911,  
            "EwbDt": "2023-09-14 13:36:00",  
            "EwbValidTill": "2023-09-16 23:59:00",  
            "Remarks": "",  
            "QRCodeUrl": "https://sandb-  
api.mastersindia.co/api/v1/einvoice/qrcode/anVsX3NlcF8yMDIzLTi0-6502bfc0b5f34bd57e404e75/",  
            "EinvoicePdf": "https://sandb-api.mastersindia.co/api/v1/einvoice/pdf/anVsX3NlcF8yMDIzLTi0-  
6502bfc0b5f34bd57e404e75/",  
            "EwaybillPdf": "https://sandb-api.mastersindia.co/api/v1/detailPrintPdf/anVsX3NlcF8yMDIzLTi0-  
6502bfe6b5f34bd57e404e77/"  
        }  
    }  
}
```

```

        },
        "errorMessage": "",
        "InfoDtls": "",
        "status": "Success",
        "code": 200
    }
}

```

**Failed Response:**

```
{
  "results": {
    "message": "",
    "errorMessage": "2302: Status of the IRN is not active",
    "InfoDtls": "",
    "status": "Failed",
    "code": 204
  }
}
```

**Json Schema:**

```
{
  "type": "object",
  "properties": {
    "irn": {
      "type": "string",
      "description": "IRN number"
    },
    "transporter_id": {
      "type": "string",
      "minLength": 15,
      "maxLength": 15,
      "description": "Transin/GSTIN"
    },
    "transporter_name": {
      "type": "string",
      "minLength": 3,
      "maxLength": 100,
      "description": "Name of the transporter"
    },
    "transportation_mode": {
      "type": "string",
      "maxLength": 1,
      "minLength": 1,
      "enum": [
        "1",
        "2",
        "3",
        "4"
      ],
      "description": "Mode of transport (Road-1, Rail-2, Air-3, Ship-4)"
    },
    "distance": {
      "type": "string",
      "maxLength": 1,
      "minLength": 4,
      "description": "Distance between source and destination PIN codes"
    }
}
```

```

"transporter_document_number": {
    "type": "string",
    "minLength": 1,
    "maxLength": 15,
    "pattern": "^[0-9A-Z-a-z/] {1,15}$",
    "description": "Transport Document Number"
},
"transporter_document_date": {
    "type": "string",
    "minLength": 10,
    "maxLength": 10,
    "pattern": "[0-3][0-9]/[0-1][0-9]/[2][0][1-2][0-9]",
    "description": "Transport Document Date"
},
"vehicle_number": {
    "type": "string",
    "minLength": 4,
    "maxLength": 20,
    "description": "Vehicle Number"
},
"vehicle_type": {
    "type": "string",
    "minLength": 1,
    "maxLength": 1,
    "enum": [
        "O",
        "R"
    ],
    "description": "Whether O-ODC or R-Regular "
}
},
"required": [
    "transportation_mode"
]
}
}

```

## Validations

1. E-waybill can be generated only if E-way Bill related details are passed where distance is mandatory.
2. E-way Bill is not generated for document types of Debit Note and Credit Note and Services.
3. E Way Bill can be generated provided at least HSN of one item belongs to goods.
4. If only Transporter Id is provided, then only Part-A is generated. Transport Mode, Vehicle Type, Vehicle No, Transportation document number and date should be null or attributes should not have been passed.
5. If mode of transportation is "Road", then the Vehicle number and vehicle type should be passed. If mode of transportation is Ship, Air, Rail, then the transport document number and date should be passed. Vehicle type and vehicle number should be null or attributes should not have been passed.
6. The Vehicle no. should match with specified format and exist in Vahan database.
7. E-Waybill will not be generated if the Supplier or Recipient GSTIN is blocked due to non-filing of Returns.
8. Pincode of Recipient GSTIN is mandatory if Ship-To details are not entered.
9. The distance of transportation is validated against the auto-calculated PIN-PIN distance stored in the system. The allowed distance for transportation should be between +/- 10 % of

auto-calculated PIN-PIN distance. . If the auto-calculated distance is less than 100 KMs, then The allowed distance for transportation should be between 1 and +10 % of auto-calculated PIN-PIN distance.

10. If the distance of transportation is passed as 0 (zero), then the system will consider it as request made by the tax payer, to consider the auto-calculated PIN-PIN distance for the generation of e-way bill and generate the e-way bill along with IRN. The actual distance is passed in "Info. Message" Column for reference.
11. If the PIN-PIN distance is not available in the system, the passed value of distance will be taken for generation of e-way bill and distance value can not be more than 4000.
12. The actual distance has to be passed in case the source and destination PIN codes are same and the allowed range of value is from 1 to 100.
13. In case of export of goods, if e-way bill has to be generated, then the address of port should have been passed as shipping address during generation of IRN.
14. If during generation of IRN for export, the shipping address of India is not passed, then the shipping address of the port may be sent now and get the e-way bill generated.
15. If the dispatching address and/or shipping address have not been passed during generation of IRN, then the respective addresses can be passed here.

## #5: Get Einvoice Details By IRN

**Method:** GET

**URL:** <https://sandb-api.mastersindia.co/api/v1/get-einvoice?gstin=09AAAPG7885R002&irn=dd609070d4f3f66f1585fc13abd52e8f47d4102c8389bb9f7411afe52a9e778a>

**Request:**

```
curl --location 'https://sandb-api.mastersindia.co/api/v1/get-einvoice?gstin=09AAAPG7885R002&irn=dd609070d4f3f66f1585fc13abd52e8f47d4102c8389bb9f7411afe52a9e778a'  
--header 'Authorization: JWT eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9eyJ1c2VyX2lkIjo2NDYsInVzZXJuYW1lIjoiYW1hbkBtYXN0ZXJzaW5kaWEuY28iLCJleHAiOjE2OTQ3NjM5NjgsImVtYWlsIjoiYW1hbkBtYXN0ZXJzaW5kaWEuY28iLCJvcmlnX2IhdCI6MTY5NDY3NzU2OH0.OE2G-LVpS5auQPuE_ABkKE4ZAJljSuVIhrPJXIZE1k4'
```

**Success Response:**

```
{  
  "results": {  
    "message": {  
      "AckNo": "142310015934410",  
      "AckDt": "2023-09-14 13:35:00",  
      "Irn": "dd609070d4f3f66f1585fc13abd52e8f47d4102c8389bb9f7411afe52a9e778a",  
      "SignedInvoice": "  
eyJhbGciOiJSUzI1NlslmtpZCI6IjE1MTNCODIxRUU0NkM3NDIBNjNCODZFMzE4QkY3MTEwOTkyODdEMUYiLCJ4NXQiOjGUk80SWU1R3gwbW1PNGjqR0w5eEVKa29mUjgiLCJ0eXAiOiJKV1QifQ.eyJkYXRhljoi  
e1wiQWNrTm9cljoxNDIzMjAwMTU5MzQ0MTAsXCJBY2tEdFwiOlwiMjAyMy0wOS0xNCAxMzozNToyOVwiLFwiSXJuXCI6XCJkZDYwOTA3MGQ0ZjNmNjZmMTU4NWZjMTNhYmQ1MmU4ZjQ3ZDQxMDJjODM  
40WjiOWY3NDExYWZINTJhOWU3NzhhXClzXCJWZXJzaW9uXCI6XClxLjFcIixclRyYW5EdGxzXCI6e1wiVG  
F4U2NoXCI6XCJHU1RclixclIN1cFR5cFwiOlwiQjCXClzXCJSZWdS ZXZcljpcllclixclnC3RPbkudHjhXCI6XC  
JOXCJ9LFwiRG9jRHrsc1wiOntclIR5cFwiOlwiSU5WXClzXCJOb1wiOlwiVEFUQS85OTAyN1wiLFwiRHRcljp
```

cljE0LzA5LzIwMjNcIn0sXCJTzWxsZXJEdGxzXCI6e1wiR3N0aW5ClpcljA5QUFBUEc3ODg1UjAwMlwiLFwiTGdsTm1Clpclk1hc3RlcnNJbmRpYSBVUFwiLFwiVHJkTm1ClpcljEyM1wiLFwiQWRKcjFc1lpcljQ1XCIsXCJBZGRyMlwiOlwibDQ1XCIsXCJMb2NcljpcljEyNzlclixlIBpbIwiOjlwMTMwMSxcllNOY2RcljpcljA5XCIsXCJQaFwiOlwiOTg3NjU0MzlzMvWifSxclkJ1eWVvYRHRsc1wiOntclkdzdGluXCI6XClwNUFBQVBHNzg4NVlwMDJclixlknbE5tXCI6XCJld2V3ZdxlaHlyaXuzMnk4cnVclixlIRyZE5tXCI6XClxMjJclixlBvc1wiOlwiMTNclixckfKzHlxXCi6XCi5XCIsXCJBZGRyMlwiOlwiMTc4NDNclixlKxvY1wiOlwiMTIzMjf1XCIsXCJQaW5cljoyNjMwMDEsXCJQaFwiOlwiMTIzMjMzXCIsXCJTdGnkXCI6XClwNVWifSxclkl0ZW1MaXN0XCi6W3tclkl0ZW1Ob1wiOjAsXCJTbE5vXCI6XCi1MDFcIxlklzU2VydMnCljpclk5clixcllByZERlc2NcljpclldoZWF0IGRlc2NclixlkhzbkNkXCI6XClxMDAxXCIsXCJCYYjJzGVCljpcljEyMTJclixlIfoeVviOjEuMCxclkZyZWVRdHlcjlowljAsXCJvbml0XCi6XCJLR1NclixcllVuaXRQcmIjZVwiOjQuMCxclRvdEFtdFwiOjQuMCxclkRpc2NvdW50XCi6MC4wLFwiUHJIVGF4VmFsXCI6MC4wLFwiQXNzQW10XCI6NC4wLFwiR3N0UnRcljo1ljAsXCJJZ3N0QW10XCI6MC4yLFwiQ2dzdEFtdFwiOjAuMCxcllNnc3RbbXrcljowljAsXCJDZxNSdFwiOjAuMCxclkNlc0FtdFwiOjAuMCxclkNlc05vbkFkdmxBbXrcljowljAsXCJTdGF0ZUNlC1J0XCI6MC4wLFwiU3RhdGVDZxNbBxrcljowljAsXCJTdGF0ZUNlC05vbkFkdmxBbXrcljowljAsXCJPdGhDaHjnXCI6MC4wLFwiVG90SXRIbVzhbfwiOjQuMixclkjjaER0bHnc1jp7XCJObVwiOlwiYWfhXCIsXCJFeHBEdFwiOlwiMzEvMTAvMjAyMFwiLFWiV3JEdFwiOlwiMzEvMTAvMjAyMFwiSxclkF0dHJpYkR0bHnc1jpbe1wiTm1CljpclmFhYVwiLFwiVmFsXCI6XClxNDc4NTJcln1dfV0sXCJWYWyEdGxzXCI6e1wiQXNzVmFsXCI6NC4wLFwiQ2dzdFzhbfwiOjAuMCxcllNnc3RWYWyxcljowljAsXCJJZ3N0VmFsXCI6MC4yLFwiQ2VzVmFsXCI6MC4wLFwiU3RDZxNWYwXcljowljAsXCJEaNjb3VudFwiOjAuMCxclk90aENocmdcljowljAsXCJSbmRPZmZBbXrcljowljAsXCJUb3RJbnZWYWyxcljowljAsXCJUb3RJbnZWYWyxGy1wiOjAuMH0sXCJQYXIEdGxzXCI6e1wiTm1CljpcllBheWVII5hbWVclixlKfjY0RldFwiOlwiQWNjb3VudCBEZXrhaWxzXCIsXCJNb2RXCi6XCJDQVNXClIsXCJGaW5JbnNCclwiOlwiS0tLMDAwMTgwXCIsXCJQYXIUZxjtXCI6XCJUZxjtcyBvZiBQYXltZw50XCIsXCJQYXJbnN0clwiOlwiUGF5bWVudCBJbnN0cnVjdGlvblwiLFwiQ3JUcm5ClpcljNyZWRpdCBUcmFuc2ZlclwiLFwiRGlyRHJcljpclkRpcmVjdCBEZWJpdFwiLFWiQ3JEYXlcljoyLFwiUGFpZEFTdFwiOjEwMC4yLFwiUGF5bXREdWVcljoxLjI9LFwiUmVmRHRsc1wiOntclkludlJtXCI6XCJJbnZvaWN1IIfJlbWFya3NclixclkrVY1BlcmREdGxzXCI6e1wiSW52U3REdFwiOlwiMDcvMDMvMjAyMFwiLFWiSW52RW5kRHRcljpcljA3LzAzLzlwmJbCln0sXCJQcmVjRG9jRHRsc1wiOlt7XCJJbnZOb1wiOlwiQ0ZSC8wMDA2XCIsXCJJbnZEdFwiOlwiMDcvMDMvMjAyMFwiLFWiT3RoUmVmTm9CljpcljIzMzRcln1dLFwiQ29udHJEdGxzXCI6W3tclIjY0FkdjJzNcljpclmFhYVwiLFwiUmVjQWR2RHRcljpcljA3LzAzLzlwmJbClnxcllRbmRSZWzyXCI6XClyMzM0XCIsXCJDb250cljIzNcljpcljIzMzRclixlKv4dFJlZnJcljpcljIzMzRclixcllByb2pSZWzyXCI6XClyMzM0XCIsXCJQT1JzNcljpcljIzMzQzMzQ1NDU0NVwiLFwiUE9SZWZEdFwiOlwiMDcvMDlvMjAyMFwiF19LFwiQWRkbErVY0R0bHnc1jpbe1wiVxjsXCI6XCJhc2Fmc2RclixlKrvY3NcljpclmluzGlhXCIsXCJJbmZvXCI6XCJpbmRpYVwfV0sXCJFeHBEdGxzXCI6e1wiUG9ydfwiOlwiMTJclixcljIzKnsbVwiOlwiTlwiLFwiRm9yQ3VYxCI6XCJpbmRjNclixclknudENVzGVcljpclkIOXCIsXCJFeHBEdXR5XCI6OTAuOX0sXCJFd2JEdGxzXCI6e1wiVHJhbnNjZfwioLwiMDVBUQFCQjA2MzIHMVo4XCIsXCJUcmFuc05hbWVcljpclkphesBUcmFuc1wiLFwiVHJhbnNNb2RXCi6XCIsXCJeaXN0Yw5jZvwiOjI5NixcllRyYw5zRG9jTm9CljpcljEyMzAxXCIsXCJUcmFuc0RvY0R0XCI6XCIsNC8wNy8yMDIzXCIsXCJWZWhOb1wiOlwiUFFSMTlZnfwiLFWiVmVoVHlwZVwiOlwiUlwfXoIJCpc3MiOjJOSUMgU2FuZGJveCj9.S5nfWvmDhYCSE8QlrltVH8ivUTE6xNNzcXhO3vTRzVbjqlM6vLNaByh5hz\_eRIBM32sOQHET4kZzNU0M6KeasYGM8YwIwqhvazbVkkRRIET0oLT8IGY3s0MyFjuVrS\_f43IhmXqpTBnzVLqqq6nAqqBrq-SHIVJokIDMss1FedGijMPkXdqslZ7Xif3DunOBS9M4ojZodYC5B6JhknMvF645m-11P2SYMFYVe5INQuraBY2cY6wPdtlB0wzjtXIZwMtvpAPZgxYubbU4y3T9oKBkeSnujowAd7qIMyRnx0B8WAf9f0LBprCqT50mc3IjogFWFiyaiEPDeE33kBoA",

"SignedQRCode":

"eyJhbGciOiJSUzI1NlslmtpZCI6IjE1MTNCODIxRUU0NkM3NDIBNjNCODZFMzE4QkY3MTEwOTkyODdE  
MUyilCj4NXQiOjGUk80SWU1R3gwbW1PNGJqR0w5eEVKa29mUjgiLCj0eXAiOjKV1QifQ.eYjkYXRhljoi  
e1wiU2VsbGVyR3N0aW5cljpcIjA5QUFBUEc3ODg1UjAwMlwiLFwiQnV5ZXJHc3RpblwiOlwiMDVBQUFQ  
Rzc4ODVSMDAyXClsXCJEb2NoB1wiOlwiVEFUQS850TAyN1wiLFwiRG9jVHlwXCI6XCJTIZclixclkrVY0R0  
XCi6XClxNC8wOS8yMDlzMdlxXCJUb3RJbnZWYWXcljo0LjlsXCJjdGVtQ250XCi6MSxclk1haW5l  
c25Db2RIX  
C16XClxMDAxXClsXCJJcm5cljpcImRkNjA5MDcwZDRmM2Y2NmYxNTg1ZmMxM2FiZDUyZThmNDdkNDE  
wMmM4Mzg5Ym15Zjc0MTFhzMmU1MmE5ZTc3OGFclixclklybkR0XCi6XClyMDlzlTA5LTE0IDEzOjM1Oj15  
XCJ9liwiaXNzljoiTkldIFNhbhRb3gifQ.jClkvwfefxkUa5f4dY9aREmboslsOWCH-  
70ZYWiU51RT7msowBZkeijxnGjnfLg2LFy0u-  
mAK0aKUvYeQntKFA3VqxSjjHUNMyei4PgJAjZlhzKwZyTJObeOXqdjty9Et2Ao2idiu73LjyojbNmOBYf  
xfTNkGch8S8zemBmESwN70XGkB3i26\_fm-  
OijmwvbJktOos1ykqnqC6lQiYwnoU7Ix02kSpV7o9c01qRdwCxKxVe7T8YeWrhPVYyT\_wlmLk3S03Jw-  
sBtP4om6g7StZOCNYsXi\_24XBD6xWI6UHOZ6zkwWdNYfw4Eq2VxtCT\_3BuGvty4QMlkzCNkpBXA",  
"Status": "ACT",

```
        "EwbNo": 401008880911,  
        "EwbDt": "2023-09-14 13:36:00",  
        "EwbValidTill": "2023-09-16 23:59:00"  
    },  
    "errorMessage": "",  
    "InfoDtls": "",  
    "status": "Success",  
    "code": 200  
}  
}
```

#### **Failed Response:**

```
{  
    "results": {  
        "message": "",  
        "errorMessage": "2148: Requested IRN data is not available",  
        "InfoDtls": "",  
        "status": "Failed",  
        "code": 204  
    }  
}
```

#### **Validations**

1. IRN can be retrieved using this API within three days from the date of generation of IRN.