GENERATE IRN
API DOCUMENTATION FOR ERP INTEGRATION
FOR ERP TYPE - BYD

Latest version Premium - v1.01

Contents

URL

UAT	URL
Generate IRN	https://uat.logitax.in/EInvoiceWebApi/GenerateJSONEInvoice

PRODUCTION	URL
Generate IRN	https://app.logitax.in/EInvoiceWebApi/GenerateJSONEInvoice

GOVERNMENT API Vs LOGITAX API LIST

Government APIs	Government APIs	Logitax Premium API	Differentiators
Authentication	Yes	Not required	1. Auth Token is managed by Logitax.
Generate IRN	Yes	Yes	1. Handles the inconsistent data types
Cancel IRN	Yes	Yes	1. Give IRN No even though invoice in Inactive i.e. cancelled 2. Government Accept Request for single IRN cancellation, however LogiTax Handles multiple IRN Cancellation in one request [Bulk IRN Cancellation]
Get IRN details	Yes	Yes	1. Will provide same response as of Generate IRN and contains additional information than the Government 2. Government Accepts Request for single IRN, LogiTax Handles bulk request for multiple IRNs and returns with response for all IRNs as an Array.
Generate E-way bill by IRN	Yes	Yes	1. Handles the inconsistent data types 2. Gives EWB Details even after EWB generation. 3. Additional details for print [Url to print EWB Prints] 4. Government accepts request for single IRN to generate E-Way Bill, LogiTax handles Multiple IRNs in one request and returns with EWB

			details for all IRNs in response as an array.
Get GSTIN details	Yes	No	-----
Cancel E-way Bill	Yes	Yes	1. Gov API only works on sandbox but on Production LogiTax Internally calls Cancel E-Way Bill API from E-Way Bill. 2. Government Accept Request for single EWB cancellation, however LogiTax Handles multiple EWB Cancellation in one request [Bulk EWB Cancellation]
Cancel E-Way Bill and IRN Both	No	Yes	1. LogiTax internally splits API into Cancel E-Way Bill and Cancel IRN and give a Consolidated response. 2. Logitax Handles bulk Cancellation in One Request.
Sync GSTIN details from CP	Yes	No	--------
Get e-way bill details by IRN	Yes	Yes	1. Government accepts request for single EWB, Logitax Handles multiple EWB in single Request and returns response as an array with details for all EWB.
Get IRN details by Doc Number	Yes	Yes	1. Provides response same as Generate IRN with additional information the Government. 2. Government accepts request for single Document, LogiTax Handles bulk/Multiple Document Numbers in one Request and reruns with response as an array.

GENERATE IRN USING REST API -

To access the API, application should first authenticate using the credentials shared. The API content information is used for authentication and authorization purposes.

The format and details of generate E-INVOICE bill API request is depicted in following table:

URL	As per URL list
Content Type	Application/ JSON
Method	Post

Following details will be shared by separate email:

1) User Code
2) Password
3) Client Code
4) Seller GSTIN (Only specific GSTIN are allowed in Sandbox or user can register their customer GSTIN on Sandbox)
5) Buyer GSTIN

REQUESTED JSON

We required some additional fields in API to integrate with us based on above options. These additional fields are User_code, Password, Client_code

Use Following Details:

i. **URL:** As per URL list
ii. **METHOD:** POST
iii. **REQUEST JSON:** use following Request Json


```
{
    "client_code": "LOGIBRICKS",
    "user_code": "DIPAK",
    "password": "DIPAK@123",
    "ERPTYPE": "BYD",
    "json_data": {
        "Version": "1.1",
        "TranDtls": {
            "TaxSch": "GST",
            "SupTyp": "B2B",
            "RegRev": "Y",
            "EcmGstin": null,
            "IgstOnIntra": "N"
        },
        "DocDtls": {
            "Typ": "INV",
            "No": "LB/DOC/0904/002",
            "Dt": "09/04/2021"
        },
        "SellerDtls": {
            "Gstin": "24AAAPI3182M002",
            "LglNm": "NIC company pvt ltd",
            "TrdNm": "NIC Industries",
            "Addr1": "5th block, kuvempu layout",
            "Addr2": "kuvempu layout",
            "Loc": "GANDHINAGAR",
            "Pin": 380006,
            "Stcd": "24",
            "Ph": "9000000000",
            "Em": "abc@gmail.com"
        },
        "BuyerDtls": {
            "Gstin": "29AWGPV7107B1Z1",
            "LglNm": "XYZ company pvt ltd",
            "TrdNm": "XYZ Industries",
            "Pos": "12",
            "Addr1": "7th block, kuvempu layout",
            "Addr2": "kuvempu layout",
            "Loc": "GANDHINAGAR",
```

```
            "Pin": 562160,
            "Stcd": "29",
            "Ph": "91111111111",
            "Em": "xyz@yahoo.com"
        },
        "DispDtls": {
            "Nm": "ABC company pvt ltd",
            "Addr1": "7th block, kuvempu layout",
            "Addr2": "kuvempu layout",
            "Loc": "Banagalore",
            "Pin": 562160,
            "Stcd": "29"
        },
        "ShipDtls": {
            "Gstin": "29AWGPV7107B1Z1",
            "LglNm": "CBE company pvt ltd",
            "TrdNm": "kuvempu layout",
            "Addr1": "7th block, kuvempu layout",
            "Addr2": "kuvempu layout",
            "Loc": "Banagalore",
            "Pin": 562160,
            "Stcd": "29"
        },
        "ItemList": [
            {
                "SlNo": "1",
                "PrdDesc": "Rice",
                "IsServc": "N",
                "HsnCd": "090240",
                "Barcde": "123456",
                "Qty": 100.345,
                "FreeQty": 10,
                "Unit": "BAG",
                "UnitPrice": 99.545,
                "TotAmt": 9988.84,
                "Discount": 10,
                "PreTaxVal": 1,
                "AssAmt": 9978.84,
                "GstRt": 12.0,
                "IgstAmt": 1197.46,
                "CgstAmt": 0,
                "SgstAmt": 0,
                "CesRt": 5,
                "CesAmt": 498.94,
                "CesNonAdvlAmt": 10,
                "StateCesRt": 12,
                "StateCesAmt": 1197.46,
                "StateCesNonAdvlAmt": 5,
```

```
            "OthChrg": 10,
            "TotItemVal": 12897.7,
            "OrdLineRef": "3256",
            "OrgCntry": "AG",
            "PrdSlNo": "12345",
            "BchDtls": {
                "Nm": "123456",
                "ExpDt": "01/08/2020",
                "WrDt": "01/09/2020"
            },
            "AttribDtls": [
                {
                    "Nm": "Rice",
                    "Val": "10000"
                }
            ]
        }
    ],
    "ValDtls": {
        "AssVal": 9978.84,
        "CgstVal": 0,
        "SgstVal": 0,
        "IgstVal": 1197.46,
        "CesVal": 508.94,
        "StCesVal": 1202.46,
        "Discount": 10,
        "OthChrg": 20,
        "RndOffAmt": 0.3,
        "TotInvVal": 12908,
        "TotInvValFc": 12897.7
    },
    "PayDtls": {
        "Nm": "ABCDE",
        "AccDet": "5697389713210",
        "Mode": "Cash",
        "FinInsBr": "SBIN11000",
        "PayTerm": "100",
        "PayInstr": "Gift",
        "CrTrn": "test",
        "DirDr": "test",
        "CrDay": 100,
        "PaidAmt": 10000,
        "PaymtDue": 5000
    },
    "RefDtls": {
        "InvRm": "TEST",
        "DocPerdDtls": {
            "InvStDt": "01/08/2020",
```

```
            "InvEndDt": "01/09/2020"
        },
        "PrecDocDtls": [
            {
                "InvNo": "DOC/002",
                "InvDt": "01/08/2020",
                "OthRefNo": "123456"
            }
        ],
        "ContrDtls": [
            {
                "RecAdvRefr": "Doc/003",
                "RecAdvDt": "01/08/2020",
                "TendRefr": "Abc001",
                "ContrRefr": "Co123",
                "ExtRefr": "Yo456",
                "ProjRefr": "Doc-456",
                "PORefr": "Doc-789",
                "PORefDt": "01/08/2020"
            }
        ]
    },
    "AddlDocDtls": [
        {
            "Url": "https://einv-apisandbox.nic.in",
            "Docs": "Test Doc",
            "Info": "Document Test"
        }
    ],
    "ExpDtls": {
        "ShipBNo": "A-248",
        "ShipBDt": "01/08/2020",
        "Port": "INABG1",
        "RefClm": "N",
        "ForCur": "AED",
        "CntCode": "AE",
        "ExpDuty": null
    },
    "EwbDtls": {
        "TransId": "12AWGPV7107B1Z1",
        "TransName": "XYZ EXPORTS",
        "Distance": 100,
        "TransDocNo": "DOC01",
        "TransDocDt": "11/03/2021",
        "VehNo": "ka123456",
        "VehType": "R",
        "TransMode": "1"
    }
```

```
    }
}
```


iv. **RESPONSE** JSON

A. SUCCESS:


```
{
    "Status": 1,
    "Data": {
        "AckNo": "162110023618650",
        "AckDt": "2021-04-09 16:24:53",
        "Irn": "c8d62414241d594d8ed0f4c118920700a55f2472d0de1d1beb4d0805027a7eb3",
        "SignedInvoice": "eyJhbGciOiJSUzI1NiIsImtpZCI6IkVEQzU3REUxMzU4QjMwMEJBOUY3O
TM0MEE2Njk2ODMxRjNDODUwNDciLCJ0eXAiOiJKV1QiLCJ4NXQiOiI3Y1Y5NFRXTE1BdXA5NU5BcG1sb01m
UElVRWMifQ.eyJkYXRhIjoie1wiQWNrTm9cIjoxNjIxMTAwMjM2MTg2NTAsXCJBY2tEdFwiOlwiMjAyMS0w
NC0wOSAxNjoyNDo1M1wiLFwiSXJuXCI6XCJjOGQ2MjQxNDI0MWQ1OTRkOGVkMGY0YzExODkyMDcwMGE1NWY
yNDcyZDBkZTFkMWJlYjRkMDgwNTAyN2E3ZWIzXCIsXCJWZXJzaW9uXCI6XCIxLjFcIixcIlRyYW5EdGxzXC
I6e1wiVGF4U2NoXCI6XCJHU1RcIixcIlN1cFR5cFwiOlwiQjJCXCIsXCJSZWdSZXZcIjpcIllcIixcIklnc
3RPbkludHJhXCI6XCJOXCJ9LFwiRG9jRHRsc1wiOntcIlR5cFwiOlwiSU5WXCIsXCJOb1wiOlwiTEIvRE9D
LzA5MDQvMDAxXCIsXCJEdFwiOlwiMDkvMDQvMjAyMVwifSxcIlNlbGxlckR0bHNcIjp7XCJHc3RpblwiOlw
iMjRBQUFFQSTMxODJNMDAyXCIsXCJMZ2xObVwiOlwiTklDIGNvbXBhbnkgcHZ0IGx0ZFwiLFwiVHJkTm1cIj
pcIk5JQyBJbmR1c3RyaWVzXCIsXCJBZGRyMVwiOlwiNXRoIGJsb2NrLCBrdXZlbXB1IGxheW91dFwiLFwiQ
WRkcjJcIjpcImt1dmVtcHUgbGF5b3V0XCIsXCJMb2NcIjpcIkdBTkRISU5BR0FSXCIsXCJQaW5cIjozODAw
MDYsXCJTdGNkXCI6XCIyNFwiLFwiUGhcIjpcIjkwMDAwMDAwMDBcIixcIkVtXCI6XCJhYmNAZ21haWwuY29
tXCJ9LFwiQnV5ZXJEdGxzXCI6e1wiR3N0aW5cIjpcIjI5QVdHUFY3MTA3QjFaMVwiLFwiTGdsTm1cIjpcIl
hZWiBjb21wYW55IHB2dCBsdGRcIixcIlRyZE5tXCI6XCJYWVogSW5kdXN0cmllc1wiLFwiUG9zXCI6XCIxM
lwiLFwiQWRkcjFcIjpcIjd0aCBibG9jaywga3V2ZW1wdSBsYXlvdXRcIixcIkFkZHIyXCI6XCJrdXZlbXB1
IGxheW91dFwiLFwiTG9jXCI6XCJHQU5ESElOQUdBUlwiLFwiUGluXCI6NTYyMTYwLFwiUGhcIjpcIjkxMTE
xMTExMTExXCIsXCJFbVwiOlwieHl6QHlhaG9vLmNvbVwiLFwiU3RjZFwiOlwiMjlcIn0sXCJEaXNwRHRsc1
wiOntcIk5tXCI6XCJBQkMgY29tcGFueSBwdnQgbHRkXCIsXCJBZGRyMVwiOlwiN3RoIGJsb2NrLCBrdXZlb
XB1IGxheW91dFwiLFwiQWRkcjJcIjpcImt1dmVtcHUgbGF5b3V0XCIsXCJMb2NcIjpcIkJhbmFnYWxvcmVc
IixcIlBpblwiOjU2MjE2MCxcIlN0Y2RcIjpcIjI5XCJ9LFwiU2hpcERtbHNcIjp7XCJHc3RpblwiOlwiMjl
BV0dQVjcxMDdCMVoxXCIsXCJMZ2xObVwiOlwiQ0JFIGNvbXBhbnkgcHZ0IGx0ZFwiLFwiVHJkTm1cIjpcIm
t1dmVtcHUgbGF5b3V0XCIsXCJBZGRyMVwiOlwiN3RoIGJsb2NrLCBrdXZlbXB1IGxheW91dFwiLFwiQWRkc
jJcIjpcImt1dmVtcHUgbGF5b3V0XCIsXCJMb2NcIjpcIkJhbmFnYWxvcmVcIixcIlBpblwiOjU2MjE2MCxc
IlN0Y2RcIjpcIjI5XCJ9LFwiSXRlbUxpc3RcIjpbe1wiSXRlbU5vXCI6MCxcIlNsTm9cIjpcIjFcIixcIkl
zU2VydmNcIjpcIk5cIixcIlByZERlc2NcIjpcIlJJQ0VcIixcIkhzbkNkXCI6XCIwOTAyNDBcIixcIkJhcm
NkZVwiOlwiMTIzNDU2XCIsXCJRdHlcIjoxMDAuMzUsXCJGcmVlUXR5XCI6MTAuMDAsXCJVbml0XCI6XCJCQ
UdcIixcIlVuaXRQcmljZVwiOjk5LjU1LFwiVG90QW10XCI6OTk4OC44NCxcIkRpc2NvdW50XCI6MTAuMDAs
XCJQcmVUYXhWYWxcIjoxLjAwLFwiQXNzQW10XCI6OTk3OC44NCxcIkdzdFJ0XCI6MTIuMDAsXCJJZ3N0QW1
0XCI6MTE5Ny40NixcIkNnc3RBbXRcIjowLjAwLFwiU2dzdEFtdFwiOjAuMDAsXCJDZXNSdFwiOjUuMDAsXC
JDZXNBbXRcIjo0OTguOTQsXCJDZXNOb25BZHZsQW10XCI6MTAuMDAsXCJTdGF0ZUNlc1J0XCI6MTIuMDAsX
CJTdGF0ZUNlc0FtdFwiOjExOTcuNDYsXCJTdGF0ZUNlc05vbkFkdmxBbXRcIjo1LjAwLFwiT3RoQ2hyZ1wi
OjEwLjAwLFwiVG90SXRlbVZhbFwiOjEyODk3LjcwLFwiT3JkTGluZVJlZlwiOlwiMzI1NlwiLFwiUHJkU2x
```

```
Ob1wiOlwiMTIzNDVcIixcIkJjaER0bHNcIjp7XCJObVwiOlwiMTIzNDU2XCIsXCJFeHBEdFwiOlwiMDEvMD
gvMjAyMFwiLFwiV3JEdFwiOlwiMDEvMDkvMjAyMFwifSxcIkF0dHJpYkR0bHNcIjpbe1wiTm1cIjpcIlJpY
2VcIixcIlZhbFwiOlwiMTAwMDBcIn1dfV0sXCJWYWxEdGxzXCI6e1wiQXNzVmFsXCI6OTk3OC44NCxcIkNn
c3RWYWxcIjowLjAwLFwiU2dzdFZhbFwiOjAuMDAsXCJJZ3N0VmFsXCI6MTE5Ny40NixcIkNlc1ZhbFwiOjU
wOC45NCxcIlN0Q2VzVmFsXCI6MTIwMi40NixcIkRpc2NvdW50XCI6MTAuMDAsXCJPdGhDaHJnXCI6MjAuMD
AsXCJSbmRPZmZBbXRcIjowLjMwLFwiVG90SW52VmFsXCI6MTI5MDguMDAsXCJUb3RJbnZWYWxGY1wiOjEyO
Dk3LjcwfSxcIlBheUR0bHNcIjp7XCJObVwiOlwiQUJDREVcIixcIkFjY0RldFwiOlwiNTY5NzM4OTcxMzIx
MFwiLFwiTW9kZVwiOlwiQ2FzaCBcIixcIkZpbkluc0JyXCI6XCJTQklOMTEwMDBcIixcIlBheVRlcm1cIjp
cIjEwMFwiLFwiUGF5SW5zdHJcIjpcIkdpZnRcIixcIkNyVHJuXCI6XCJ0ZXN0XCIsXCJEaXJEclwiOlwidG
VzdFwiLFwiQ3JEYXlcIjoxMDAsXCJQYWlkQW10XCI6MTAwMDAuMDAsXCJQYXltdER1ZVwiOjUwMDAuMDB9L
FwiUmVmRHRsc1wiOntcIkludlJtXCI6XCJURVNUXCIsXCJEb2NQZXJkRHRsc1wiOntcIkludlN0RHRcIjpc
IjAxLzA4LzIwMjBcIixcIkludkVuZER0XCI6XCIwMS8wOS8yMDIwXCJ9LFwiUHJlY0RvY0R0bHNcIjpbe1w
iSW52Tm9cIjpcIkRPQy8wMDJcIixcIkludkR0XCI6XCIwOC8wMS8yMDIwXCIsXCJPdGhSZWZOb1wiOlwiMT
IzNDU2XCJ9XSxcIkNvbnRyRHRsc1wiOlt7XCJSZWNBZHZSZWZyXCI6XCJEb2MvMDAzXCIsXCJSZWNBZHZEd
FwiOlwiMDEvMDgvMjAyMFwiLFwiVGVuZFJlZnJcIjpcIkFiYzAwMVwiLFwiQ29udHJSZWZyXCI6XCJDbzEy
M1wiLFwiRXh0UmVmclwiOlwiWW80NTZcIixcIlByb2pSZWZyXCI6XCJEb2MtNDU2XCIsXCJQT1JlZnJcIjp
cIkRvYy03ODlcIn1dfSxcIkFkZGxEb2NEdGxzXCI6W3tcIlVybFwiOlwiaHR0cHM6Ly9laW52LWFwaXNhbm
Rib3gubljLmluXCIsXCJEb2NzXCI6XCJUZXN0IERvY1wiLFwiSW5mb1wiOlwiRG9jdW1lbnQgVGVzdFwif
V0sXCJFeHBEdGxzXCI6e1wiU2hpcEJOb1wiOlwiQS0yNDhcIixcIlNoaXBCRHRcIjpcIjAxLzA4LzIwMjBc
IixcIlBvcnRcIjpcIklOQUJHMVwiLFwiUmVmQ2xtXCI6XCJOXCIsXCJGb3JDdXJcIjpcIkFFRFwiLFwiQ25
0Q29kZVwiOlwiQUVcIn0sXCJFd2JEdGxzXCI6e1wiVHJhbnNJZFwiOlwiMTJBV0dQVjcxMDdCMVoxXCIsXC
JUcmFuc05hbWVcIjpcIlhZWiBFWFBPUlRTXCIsXCJUcmFuc01vZGVcIjpcIjFcIixcIkRpc3RhbmNlXCI6M
TAwLFwiVHJhbnNEb2NOb1wiOlwiRE9DMDFcIixcIlRyYW5zRG9jRHRcIjpcIjA5LzA0LzIwMjFcIixcIlZl
aE5vXCI6XCJrYTEyMzQ1NlwiLFwiVmVoVHlwZVwiOlwiUlwifX0iLCJpc3MiOiJOSUMifQ.MNXsfX1R0lKi
vZ0Irpm-7X--pT7qjwUaiKeXKth1M7Fcae86gVnJ-pAW68gyW8_rkLsl3WHS6EVwnx-
2_7YDlNQp7TErZP3_LLbslrgSA_gTLKbIlZxhTAv4uYhtgt0n7XPExhcWAWw73EpxThxQaL1kaCJwGC0_Ai
s6KA9fh0fRK4b6Bi9eQnc4fVx-
6xD0k7gcYJNMQUVmHcfouc9v80RHOkhfiJ2YG3aJfC5cfmNzn7oC2jSrQpOw21hB_1mJAbww3Jj1Maw8hNQ
YZoaOvaMAeELspNC04VIF76nQnOvPvHfm-bnxAN38bPZIeDEFj8cWEl09uLfGmbExgWiwdQ",
        "SignedQRCode": "eyJhbGciOiJSUzI1NiIsImtpZCI6IkVEQzU3REUxMzU4QjMwMEJBOUY3OT
M0MEE2Njk2ODMxRjNDODUwNDciLCJ0eXAiOiJKV1QiLCJ4NXQiOiI3Y1Y5NFRXTE1BdXA5NU5BcG1sb01mU
ElVRWMifQ.eyJkYXRhIjoie1wiU2VsbGVyR3N0aW5cIjpcIjI0QUFBUEkzMTgyTTAwMlwiLFwiQnV5ZXJHc
3RpblwiOlwiMjlBV0dQVjcxMDdCMVoxXCIsXCJEb2NOb1wiOlwiTEIvRE9DLzA5MDQvMDAxXCIsXCJEb2NU
eXBcIjpcIklOVlwiLFwiRG9jRHRcIjpcIjA5LzA0LzIwMjFcIixcIlRvdEludlZhbFwiOjEyOTA4LjAwLFw
iSXRlbUNudFwiOjEsXCJNYWluSHNuQ29kZVwiOlwiMDkwMjQwXCIsXCJJcm5cIjpcImM4ZDYyNDE0MjQxZD
U5NGQ4ZWQwZjRjMTE4OTIwNzAwYTU1ZjI0NzJkMGRlMWQxYmViNGQwODA1MDI3YTdlYjNcIixcIklybkR0X
CI6XCIyMDIxLTA0LTA5IDE2OjI0OjUzXCJ9IiwiaXNzIjoiTklDIn0.oHP3J-
pqsmasagV4jt60QqrJH7DGuTZc4KvgiQuBm2XhsHwMr6HqqW7T5UPTW97pkZHtZi_6cZl_rLm7E5SyI23kc
5KIXaKMQO3xoV5RhlJI1BPB49UgRPZ3rsE99eC5VCdTS3VbcZIbpqzUbLX56LIPaZY2sAUgft7e2eXtO_Si
Crx-zo5QrjGDrax3cY_XoRAc1-gGXkVePBFnRaR2x8iydcUzbYGv7n9ZeXiZZoHZiyRdZHUMOuIieAuU-
9VjhXadjABPFP4PwkCBFdM7m55RXThDcNr0yjeU4pbwy9tKJHLQr7t5rVSZv1N1DCWyqYaLR38Uozrje8ym
M9PxfA",
        "Status": "ACT",
        "EwbNo": "651009796623",
        "EwbDt": "2021-04-09 16:25:00",
        "EwbValidTill": "2021-04-10 23:59:00",
        "Remarks": "E-Invoice Generated Successfully!"
```

```json
    },
    "ErrorDetails": [],
    "InfoDtls": null
}
```

B. WITH ERROR – Duplicate IRN


```json
{
    "Status": 0,
    "ErrorDetails": [
        {
            "ErrorCode": "2150",
            "ErrorMessage": "Duplicate IRN"
        }
    ],
    "Data": null,
    "InfoDtls": [
        {
            "InfCd": "DUPIRN",
            "Desc": {
                "AckNo": 162110023618650,
                "AckDt": "2021-04-09 16:24:53",
                "Irn": "c8d62414241d594d8ed0f4c118920700a55f2472d0de1d1beb4d080502
7a7eb3"
            }
        }
    ]
}
```


C. WITH ERROR: OTHER ERRORS


```json
{
    "Status": 0,
    "Data": null,
    "ErrorDetails": [
        {
            "ErrorCode": "5002",
            "ErrorMessage": "The State field is required."
        }
    ],
    "Info": null,
    "InfoDtls": null
}
```

REQUEST SCHEMA

SR NO.	JSON FIELD NAME	PATTERN	DESCRIPTION	MANDATORY/ OPTIONAL	DATA TYPE	FIELD TYPE	SAMPLE DATA	VALIDATION
A1	user_code		User Code	Mandatory	String (Max length : 50)	Free Text	AMEYA	1) Alphanumeric, 2) -, /
A2	password		Password	Mandatory	String (Max length : 50)	Free Text	Pass@123	1) Your password must be at least 8 characters 2) Your password must contain at least one capital letter 3) Your password must contain at least one digit
A3	client_code		CLient Code	Mandatory	String (Max length : 50)	Free Text	LOGIBRICKS	
A4	template_code		TEMPLATE CODE	Mandatory	String (Max length : 50)	Free Text	EINV	1) Alphanumeric 2. Applicable for Serialized JSON Option
A5	ERPType		ERP Type	Mandatory	String (Max Length 50)	Only Selected Value	BYD	It is mandatory and should have value as BYD.
A6	Version			Mandatory	String(Min: 1, Max : 6)	Free Text	1.03	Currently 1.03
B								
B1	TaxSch	“^(GST)$”	GST- Goods and Services Tax Scheme	Mandatory	String(Min: 3, Max : 10)	Only Selected Values	GST	Set Default value as “GST” as there is no any other value given by Government
B2	SupTyp	"(?i)^((B2B)|(SEZWP)|(SEZWOP)|(EXPWP)|(EXPWOP)|(DEXP))$"	Type of Supply	Mandatory	String(Min: 3, Max : 10)	Only Selected Values	B2B	**B2B**-Business to Business **SEZWP** - SEZ with payment **SEZWOP** - SEZ without payment **EXPWP** - Export with Payment

								EXPWOP - Export without payment **DEXP -** Direct Export
B3	RegRev	"^([Y|N]{1})$"	whether tax liability is payable under reverse charge	Optional	String(Min: 1, Max : 1)	Only Selected Values	Y	**Y-** the tax liability is payable under reverse charge **N-** the tax liability is not payable under reverse charge 'Reverse Charges' can be set as 'Y' in case of B2B invoices only
B4	EcmGstin	"^([0-9]{2}[0-9A-Z]{13})$"	GSTIN of e-Commerce operator	Optional	String(Min: 15, Max : 15)	Text	24ABCDE1734G1Z7	1)([0-9]{2}[0-9|A-Z]{13})n 2)Normal GST Validation
B5	IgstOnIntra	"^([Y|N]{1})$"	IGST Applicability despite Supplier and Receipient Located in Same State/UT	Optional	String (Min:1, Max:1)	Text	N	To report the scenarios where the supply is chargeable to IGST despite the fact that the Supplier and Recipient are located within same State/UT
C								
C1	Type	"(?i)^((INV)|(CRN)|(DBN))$"	Document Type	Mandatory	String(Min: 3, Max : 3)	Only Selected Values	INV	**INV-** Invoice **CRN-**Credit Note **DBN-**Debit Note
C2	No	"^([a-zA-Z1-9]{1}[a-zA-Z0-9\/-]{0,15})$"	Document Number	Mandatory	String(Min: 1, Max : 16)	Text	LTPL/123/1234	1) Alphanumeric, 2) -, / 3) Should not be starting with 0, / and -.
C3	Dt	"^[0-3][0-9]\/[0-1][0-9]\/[2][0][1-2][0-9]$"	Document Date	Mandatory	String(Min: 10, Max : 10)	Text	05/02/2020	1) Date format - DD/MM/YYYY 2. Document Date Cannot be Previous of 01/10/2020
D								
D1	Gstin	"([0-9]{2}[0-	GSTIN of supplier	Mandatory	String(Min: 15, Max : 15)	Text	26ABCDE6234G1Z8	([0-9]{2}[0-9|A-Z]{13})

		9A-Z]{13})"						
D2	LglNm	"^([^\\\"])*$"	Legal Name	Mandatory	String(Min: 3, Max : 100)	Text	Ankita Industries Ltd	1) Alphanumeric
D3	TrdNm	"^([^\\\"])*$"	Trade Name	Optional	String(Min: 3, Max : 100)	Text	Ankita Industries Ltd	1) Alphanumeric
D4	Addr1	"^([^\\\"])*$"	Building/Flat no, Road/Street	Mandatory	String(Min: 3, Max : 100)	Text	404/2	1) Alphanumeric, 2) -, /
D5	Addr2	"^([^\\\"])*$"	Floor no., Name of the premises/building	Optional	String(Min: 3, Max = 100)	Text	Shee shivam	1) Alphanumeric, 2) -, /
D6	Loc	"^([^\\\"])*$"	Location	Mandatory	String(Min: 3, Max : 50)	Text	Pune	1) Alphanumeric, 2) -, /
D7	Pin		Pincode	Mandatory	Number (Min: 100000, Max : 999999)	Numeric	411009	
D8	Stcd	"^(?!0+$)([0-9]{1,2})$"	State Code	Mandatory	String(Min: 1, Max : 2)	From Master	27	State Code from Master Refer Master List
D9	Ph	"^([0-9]{6,12})$"	Phone/Mobile No.	Optional	String (Min:10, Max : 12)	Text	9999977777	
D10	Em	"^[a-zA-Z0-9+_.-]+@[a-zA-Z0-9.-]+$"	Email ID	Optional	String (Min: 6, Max : 100)	Text	xyz@gmail.com	
E								
E1	Gstin	"([0-9]{2}[0-9A-Z]{13})"	GSTIN of buyer	Mandatory	String (Min: 3, Max : 15)	Text	19ABCDE1234F1S2	1) ([0-9]{2}[0-9|A-Z]{13}) 2) In case of transaction of direct export, recipient GSTIN has to be URP
E2	LglNm	"^([^\\\"])*$"	Legal Name	Mandatory	String (Min: 3, Max : 100)	Text	Reliance Industry Limited	

E3	TrdNm	"^([^\\\"])*$"	Buyers Name	Optional	String (Min: 3, Max : 100)	Text	Bengal Good	
E4	Pos	"^(?!0+$)([0-9]{1,2})$"	State code of Place of supply.	Mandatory	String (Min: 1, Max : 2)	Text	19	In case of transaction of direct export, state code has to be 96. Buyer is SEZ, the Bill to State code should be 96.
E5	Addr1	"^([^\\\"])*$"	Building/Flat no., Road/Street etc.	Mandatory	String (Min: 3, Max: 100)	Text	Orchid plaza	
E6	Addr2	"^([^\\\"])*$"	Floor no., Name of the premises/ building	Optional	String (Min: 3, Max: 100)	Text	4th	
E7	Loc	"^([^\\\"])*$"	Location	Mandatory	String (Min: 3, Max: 100)	Text	Kolkata	
E8	Pin		Pincode	Optional	Number (Min: 100000, Max : 999999)	Number	700019	
E9	Stcd	"^(?!0+$)([0-9]{1,2})$"	State Code	Mandatory	String (Min: 1, Max: 2)	From Master	West Bengal	From Master, Refer Master Code List
E10	Ph	"^([0-9]{6,12})$"	Phone/ Mobile number	Optional	String (Min: 10, Max: 12)	Text	9788787889	
E11	Em	"^[a-zA-Z0-9+_.-]+@[a-zA-Z0-9.-]+$"	Email-id	Optional	String (Min: 6, Max: 100)	Text	abc@gmail.com	
F								
F1	Nm	"^([^\\\"])*$"	Name of the company from which the goods are dispatched	Mandatory	String (Min: 3, Max = 60)	Text	Om Ltd	

F2	Addr1	"^([^\\\"])*$"	Building/Flat no. Road/Street etc.	Mandatory	String (Min: 3, Max = 100)	Text	Orchid plaza	
F3	Addr2	"^([^\\\"])*$"	Floor no., Name of the premises/building	Optional	String (Min: 3, Max = 100)	Text	4th Floor	
F4	Loc	"^([^\\\"])*$"	Location	Mandatory	String (Min: 3, Max: 100)	Text	Pune	
F5	Pin		Pincode	Mandatory	Number (Min: 100000, Max : 999999)	Numeric	411009	
F6	Stcd	"^(?!0+$)([0-9]{1,2})$"	State code	Mandatory	String (Min: 1, Max: 2)	From selected Values	27	Refer state master
G1	Gstin	"([0-9]{2}[0-9A-Z]{13})"	GSTIN of entity to whom goods are shipped	Optional	String (Min: 15, Max = 15)	Text	27ABCDE1234E1D8	([0-9]{2}[0-9|A-Z]{13})|URP GST VAlidation
G2	LglNm	"^([^\\\"])*$"	Legal Name	Mandatory	String (Min: 3, Max = 100)	Text	Anand Ltd	
G3	TrdNm	"^([^\\\"])*$"	Trade Name	Optional	String (Min: 3, Max = 100)	Text	Anand Ltd	
G4	Addr1	"^([^\\\"])*$"	Building/Flat no., Road/Street etc.	Mandatory	String (Min: 3, Max: 100)	Text	Sai Om	In case of export transactions, the 'Ship-To' address should be of the place/port from where the goods are being exported.
G5	Addr2	"^([^\\\"])*$"	Floor no., Name of the premises/building.	Optional	String (Min: 3, Max: 100)	Text	Patil Plaza	
G6	Loc	"^([^\\\"])*$"	Location	Mandatory	String (Min: 3, Max: 50)	Text	Pune	
G7	Pin		PinCode	Mandatory	Number (Min: 100000, Max: 999999)	Number	411007	

G8	Stcd	"^(?!0+$)([0-9]{1,2})$"	State code	Mandatory	String (Min: 1, Max: 2)	From selected Value	27	Refer State master
H								
H1	SlNo	"^([0-9]{1,6})$"	Serial No. of Item	Mandatory	String (Min: 1, Max: 6)	Free Text	01	Duplicate is not allowed
H2	PrdDesc	"^([^\\\"])*$"	Product Description	Optional	String (Min: 3, Max: 300)	Free Text	Hydrochloric Acid	
H3	IsServc	"^([Y|N]{1})$"	Specify whether the supply is service or not.	Mandatory	String (Min: 1, Max: 1)	Select only Values	N	Y- Yes N- No
H4	HsnCd	"^(?!0+$)([0-9]{4}\|[0-9]{6}\|[0-9]{8})$"	HSN Code	Mandatory	String (Min: 4, Max: 8)	Text	2902	From Valid HSN Code Each item needs to have valid HSN code with at least 4 digits. That is, items of goods type should be 4 or 6 or 8 digits and items of service type should be 4 or 5 or 6 digits. HSN Code should be valid as per the GST master. If Is_Service is selected, then the HSN codes must belong to services.
H5	Barcde	"^([^\\\"])*$"	Bar Code	Optional	String (Min: 3, Max: 30)	Text	12032	
H6	Qty		Quantity	Mandatory /Optional	Number (Min.: 0, Max: 9999999999.999)	Number	112.00	Mandatory for Goods & Optional for Services
H7	FreeQty		Free Quantity	Optional	Number ((Min.: 0, Max: 9999999999.999)	Number	1.00	

H8	Unit	"^([A-Z|a-z]{3,8})$"	Unit	Mandatory /Optional	String (Min: 3, Max: 8)	From selected Values	NOS	Refer unit master for Goods as it is mandatory for Goods For Service this could be blank
H9	UnitPrice		Unit Price - Rate	Mandatory	Number [(Min.: 0, Max: 999999999999.999)]	Text	100.00	
H10	TotAmt		Gross Amount Amount	Mandatory	Number [Min: 0, Max = 9999999999999.99]	Text	11200.00	Gross Amount (Unit Price * Quantity)
H11	Discount		Discount	Optional	Number [Min: 0, Max = 999999999999.99]	Text	100	
H12	PreTaxVal		Pre tax value	Optional	Number [Min: 0, Max = 999999999999.99]	Text	0	
H13	AssAmt		Taxable Value	Mandatory	Number [Min: 0, Max = 999999999999.99]	Text	11100	Taxable Value (Total Amount -Discount)
H14	GstRt		GST rate	Mandatory	Number [Min: 0, Max = 999.999]	Text	18	The GST rate, represented as percentage that applies to the invoiced item. It will IGST rate only
H15	IgstAmt		Amount of IGST payable	Optional	Number [Min: 0, Max = 999999999999.99]	Text	1998	
H16	CgstAmt		Amount of CGST payable."	Optional	Number [Min: 0, Max = 999999999999.99]	Text	999	

H17	SgstAmt		Amount of SGST payable."	Optional	Number [Min: 0, Max: 999999999999.99]	Text	999	
H18	CesRt		Cess Rate	Optional	Number [Min: 0, Max : 999.999]	Text	0	
H19	CesAmt		Cess Amount(advolorem) on basis of rate and quantity of item	Optional	Number [Min: 0, Max : 999999999999.99]	Text	0	Cess Amount(Advalorem) on basis of rate and quantity of item
H20	CesNonAdvlAmt		Cess Non-Advol Amount	Optional	Number [Min: 0, Max : 999999999999.99]	Text	0	
H21	StateCesRt		State CESS Rate	Optional	Number [Min: 0, Max : 999.99]	Text	0	
H22	StateCesAmt		State CESS Amount	Optional	Number [Min: 0, Max: 999999999999.99]	Text	0	
H23	StateCesNonAdvlAmt		State CESS Non advol Amount	Optional	Number [Min: 0, Max : 999999999999.99]	Text	0	
H24	OthChrg		Other Charges	Optional	Number [Min: 0, Max : 999999999999.99]	Text	0	
H25	TotItemVal		Total Item Value	Mandatory	Number [Min: 0, Max = 999999999999.99]	Text	13098	Total Item Value = Assessable Amount + CGST Amt + SGST Amt + Cess Amt + CesNonAdvlAmt + StateCesAmt + StateCesNonAdvlAmt +Other Chrg
H26	OrdLineRef	"^([^\\\"])*$"	Order line reference	Optional	String(Min:1 : Max: 50)	Text		

H27	OrgCntry	"^([A-Z|a-z]{2})$"	Origin Country	Optional	String(Min:2 : Max: 2)	Selected Value		Refer country master
H28	PrdSlNo	"^([^\\\"])*$"	Serial number in case of each item having a unique number	Optional	String(Min:1 : Max: 15)	Text		
H29								
H29a	Nm	"^([^\\\"])*$"	Attribute details of the item	optional	String(Min:1 : Max: 100)	Text		
H29 b	Val	"^([^\\\"])*$"	Attribute value of the item	Optional	String(Min:1 : Max: 100)	Text		
H30								
H30a	Nm	"^([^\\\"])*$"	Batch Name	Mandatory	String(Min:3 : Max: 20)	Text	XYZ	Mandatory only if Batch Details are passed.
H30 b	ExpDt	"^[0-3][0-9]\/[0-1][0-9]\/[2][0][1-2][0-9]$"	Batch Expiry Date	Optional	String(Min:10 : Max: 10)	Text	05/02/2020	Date format - DD/MM/YYYY
H30c	WrDt	"^[0-3][0-9]\/[0-1][0-9]\/[2][0][1-2][0-9]$"	Warranty Date	Optional	String(Min:10 : Max: 10)	Text	05/02/2021	Date format - DD/MM/YYYY
I								
I1	AssVal		Total Assessable value of all items	Mandatory	Number [Min: 0, Max: 9999999999999.99]	Numeric	500000.00	Total Assessable value of all items

I2	CgstVal		Total CGST value of all items	Optional	Number [Min: 0, Max: 9999999999999.99]	Numeric	90,000	
I3	SgstVal		Total SGST value of all items	Optional	Number [Min: 0, Max: 9999999999999.99]	Numeric	90,000	
I4	IgstVal		Total IGST value of all items	Optional	Number [Min: 0, Max: 9999999999999.99]	Numeric	0	
I5	CesVal		Total CESS value of all items	Optional	Number [Min: 0, Max: 9999999999999.99]	Numeric	27000.00	
I6	StCesVal		Total State CESS value of all items	Optional	Number [Min: 0, Max: 9999999999999.99]	Numeric	27000.00	
17	Discount		Discount	Optional	Number [Min: 0, Max: 9999999999999.99]	Numeric	25.00	
18	OthChrg		Other Charges	Optional	Number [Min: 0, Max: 9999999999999.99]	Numeric	14.00	
I9	RndOffAmt		Rounding off amount	Optional	Number [Min: 0, Max: 99.99]	Numeric	707000.00	+/- allowed.
I10	TotInvVal		Final Invoice Value	Mandatory	Number [Min: 0, Max: 9999999999999.99]	Numeric	707000.00	
I11	TotInvValFc		Final Invoice value in Additional Currency	Optional	Number [Min: 0, Max: 9999999999999.99]	Numeric	707000.00	

J								
J1	Nm	"^([^\\\"])*$"	Payee Name	Optional	String(Min:1 : Max: 100)	Text	ABC	1) Alphanumeric
J2	AccDet	"^([^\\\"])*$"	Bank account number of payee	Optional	String(Min:1 : Max: 18)	Text	12345678912	
J3	Mode	"^([^\\\"])*$"	Mode of Payment	Optional	String(Min:1 : Max: 18)	Text	Cash	Mode of Payment: Cash, Credit, Direct Transfer
J4	FinInsBr	"^([^\\\"])*$"	Branch or IFSC code	Optional	String(Min:1 : Max: 11)	Text	ICIC0000985	
J5	PayTerm	"^([^\\\"])*$"	Terms of Payment	Optional	String(Min:1 : Max: 100)	Text	30 Days	
J6	PayInstr	"^([^\\\"])*$"	Payment Instruction	Optional	String(Min:1 : Max: 100)	Text		
J7	CrTrn	"^([^\\\"])*$"	Credit Transfer	Optional	String(Min:1 : Max: 100)	Text		
J8	DirDr	"^([^\\\"])*$"	Direct Debit	Optional	String(Min:1 : Max: 100)	Text		
J9	CrDay		Credit Days	Optional	Number [Min: 0, Max: 9999]	Numeric	60	
J10	PaidAmt		The sum of amount which have been paid in advance.	Optional	Number [Min: 0, Max: 99999999999999.99]	Numeric	100000	
J11	PaymtDue		Outstanding Amount	Optional	Number [Min: 0, Max: 99999999999999.99]	Numeric		
K								
K1	InvRm	"^([^\\\"])*$"	Remarks/ Note	Optional	String (Min:3: max: 100]	Text	Invoice for Hyderabad	

K2								
K2a	InvStDt	"^[0-3][0-9]\/[0-1][0-9]\/[2][0][1-2][0-9]$"	Invoice Period Start Date	Mandatory	String (Min:10, max: 10]	Text	01/03/2020	Date format - DD/MM/YYYY, Mandatory only when this group has value
K2b	InvEndDt	"^[0-3][0-9]\/[0-1][0-9]\/[2][0][1-2][0-9]$"	Invoice Period End Date	Mandatory	String (Min: 10, max: 10]	Text	10/03/2020	Date format - DD/MM/YYYY Mandatory only when this group has value
K3								
K3a	InvNo	"^[1-9a-zA-Z]{1}[0-9a-zA-Z\/-]{1,15}$"	Reference of original invoice	Mandatory	String (Min: 1, Max: 16]	Text	ST03/03/2020/02	[1-9|A-Z|a-z]{1}[0-9|A-Z|a-z|/|-]{15} , Mandatory only when this group has value
K3b	InvDt	"^[0-3][0-9]\/[0-1][0-9]\/[2][0][1-2][0-9]$"	Date of preceding invoice	Mandatory	String (Min: 10, max: 10]	Text	03/03/2020	[0-3][0-9]/[0-1][0-9]/[2][0][1-2][0-9], Mandatory only when this group has value
K3c	OthRefNo	"^([^\\\"])*$"	Other reference	Optional	String (MinLength 1, Maxlength 20]	Text	DC587	
K4								
K4a	RecAdvRefr	"^([^\\\"])*$"	Receipt Advice No.	Optional	String (MinLength 1, maxlength 20]	Text	DC58799	Alphanumeric
K4b	RecAdvDt	"^[0-3][0-9]\/[0-1][0-9]\/[2][0][1-2][0-9]$"	Date of receipt advice	Optional	String (MinLength 10, maxlength 10]	Text	03/03/2020	Date format - DD/MM/YYYY

K4c	TendRefr	"^([^\\\"]) *$"	Lot/Batch Reference No	Optional	String (MinLength 1, maxlength 20]	Text	DC5125	Alphanumeric
K4d	ContrRefr	"^([^\\\"]) *$"	Contract Reference Number	Optional	String (MinLength 1, maxlength 20]	Text	DC51465	Alphanumeric
K4e	ExtRefr	"^([^\\\"]) *$"	Any other reference	Optional	String (MinLength 1, maxlength 20]	Text	DC5189	Alphanumeric
K4f	ProjRefr	"^([^\\\"]) *$"	Project Reference Number	Optional	String (MinLength 1, maxlength 20]	Text	DC5156	Alphanumeric
K4g	PORefr	"^([^\\\"]) *$"	Vendor PO Reference Number	Optional	String (MinLength 1, maxlength 16]	Text	DC5124	Alphanumeric
K4h	PORefrDt	"^[0-3][0-9]\/[0-1][0-9]\/[2][0][1-2][0-9]$"	Vendor PO Reference date	Optional	String (Min: 10, max: 10]	Text	10/03/2020	Date format - DD/MM/YYYY
L								
L1	Url	"^([^\\\"]) *$"	Supporting document URL	Optional	String (MinLength 3, maxlength 100]	Text		
L2	Docs	"^([^\\\"]) *$"	Supporting document	Optional	String (MinLength 3, maxlength 1000]	Text		
L3	InfoDtls	"^([^\\\"]) *$"	Any additional Information	Optional	String (MinLength 3,	Text		

<table>
<tr><td></td><td></td><td></td><td></td><td></td><td>maxlength 1000]</td><td></td><td></td><td></td></tr>
<tr><td>M</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>M1</td><td>ShipBNo</td><td>"^([^\\\"])*$"</td><td>Shipping Bill No.</td><td>Optional</td><td>String (MinLength 1, maxlength 20]</td><td>Text</td><td>DIR</td><td></td></tr>
<tr><td>M2</td><td>ShipBDt</td><td>"^[0-3][0-9]\/[0-1][0-9]\/[2][0][1-2][0-9]$"</td><td>Shipping Bill Date</td><td>Optional</td><td>String (MinLength 10, maxlength 10]</td><td>Text</td><td>28/02/2020</td><td>[0-3][0-9]/[0-1][0-9]/[2][0][1-2][0-9]</td></tr>
<tr><td>M3</td><td>Port</td><td>"^[0-9|A-Z|a-z]{2,10}$"</td><td>Port Code</td><td>Optional</td><td>String (MinLength 2, maxlength 10]</td><td>Any Selected value</td><td>ED1235</td><td>Refer Port code master</td></tr>
<tr><td>M4</td><td>RefClm</td><td>"^([Y|N]{1})$"</td><td>Options for supplier for refund</td><td>Optional</td><td>String (MinLength 1, maxlength 1]</td><td>Text</td><td>Y</td><td>Claiming Refund. Y/N</td></tr>
<tr><td>M5</td><td>ForCur</td><td>"^[A-Z|a-z]{3,16}$"</td><td>Additional Currency Code</td><td>Optional</td><td>String (MinLength 3, maxlength 16]</td><td>Any selected value</td><td>MH1234</td><td>Refer Currency code master</td></tr>
<tr><td>M6</td><td>CntCode</td><td>"^([A-Z]{2})$"</td><td>Country Code</td><td>Optional</td><td>String (MinLength 2, maxlength 2]</td><td>Any selected value</td><td>26</td><td>Refer country code master</td></tr>
<tr><td>M7</td><td>ExpDuty</td><td></td><td>Export duty</td><td>Optional</td><td>Number [Min: 0, Max: 99999999999999.99]</td><td>Numeric</td><td>1000</td><td></td></tr>
<tr><td>N</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>N1</td><td>Transid</td><td>"^([0-9]{2}[0-9A-Z]{13})$"</td><td>Transin/GSTIN</td><td>Optional</td><td>String (MinLength 15, maxlength 15]</td><td>Text</td><td>27ABCDE1234E1D5</td><td>([0-9]{2}[0-9|A-Z]{13})|URP
GST Validation, Mandatory for Part – A Generation</td></tr>
</table>

<table>
<tr><td>N2</td><td>TransName</td><td>"^([^\\\"])*$"</td><td>Name of the transporter</td><td>Optional</td><td>String (MinLength 3, maxlength 100]</td><td>Text</td><td>Ankit Ltd</td><td></td></tr>
<tr><td>N3</td><td>TransMode</td><td>"^([1-4]{1})?$"</td><td>Mode of transportation.</td><td>Optional</td><td>String (MinLength 1, maxlength 1]</td><td>Only Selected Values</td><td>2</td><td>1/2/3/4 [Refer Master]</td></tr>
<tr><td>N4</td><td>Distance</td><td></td><td>Distance between source and destination PIN codes</td><td>Mandatory</td><td>Number (MinLength 1, maxlength 4]</td><td>Text</td><td>256 Km</td><td>Mandatory if EWB group has value</td></tr>
<tr><td>N5</td><td>TransDocNo</td><td>"^([a-zA-Z0-9\/-]{1,15})$"</td><td>Tranport Document Number</td><td>Optional</td><td>String (MinLength 1, maxlength 15]</td><td>Text</td><td>TS123456</td><td></td></tr>
<tr><td>N6</td><td>TransDocDt</td><td>"^[0-3][0-9]\/[0-1][0-9]\/[2][0][1-2][0-9]$"</td><td>Transport Document Date</td><td>Optional</td><td>String (MinLength 10, maxlength 10]</td><td>Text</td><td>04/03/2020</td><td>Date format - DD/MM/YYYY</td></tr>
<tr><td>N7</td><td>VehNo</td><td>"^([A-Z|a-z|0-9]{4,20})$"</td><td>Vehicle Number</td><td>Optional</td><td>String (MinLength 4, maxlength 20]</td><td>Text</td><td>MH19T1258</td><td></td></tr>
<tr><td>N8</td><td>VehType</td><td>"^([O|R]{1})$"</td><td>Whether ODC or Regula</td><td>Optional</td><td>String (MinLength 1, maxlength 1]</td><td>Text</td><td>ODC</td><td>ODC or Regular [From Master]</td></tr>
</table>

RESPONSE SCHEMA

FIELDS	DESCRIPTION	DATA TYPE
Status	Status of the generate IRN request(values 1-Success and 0- Failure)	integer
AckNo	Transaction number	integer
AckDt	Date and time on which invoice is registered(Date format is ‘yyyy-MM-dd	datetime

	HH:mm:ss ’).	
Irn	SHA256 hash of Gstin, DocDtls.No, DocDtls.Typ, financial year of DoctDtls.Dt	Varchar (64)
SignedInvoice	Complete e-Invoice data digitally signed using JSON Web Token(JWT) and JSON Web Signature (JWS) with “SHA256RSA” algorithm	Varchar (max)
SignedQRCode	Complete QR- Code data digitally signed using JSON Web Token(JWT) and JSON Web Signature (JWS) with “SHA256RSA” algorithm	Varchar (max)
Status	‘ACT’ for Active and ‘CNL’ for Cancelled	Varchar(3)
EwbNo	E Way Bill No., if E Way Bill is generated	integer
EwbDt	E Way Bill Date., if E Way Bill is generated	DateTime [yyyy-MM-dd HH:mm:ss ’]
EwbValidTill	E Way Bill validity date, if Part B details are provided in the payload	DateTime [yyyy-MM-dd HH:mm:ss ’]
Remarks	Remark showing the E-invoice generated or not.	Varchar[500]
InfoDtls	Any additional message such as, If the distance is passed is 0, shows actual distance calculated for the pair of PIN codes to be conveyed would be passed.	Varchar (2000)

VALIDATIONS

A) The following summation validations are to be done for items

- Gross Amount of Item = Quantity X Selling Unit Price
- 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 Ite m + Cess Value of Item + State Cess Value of Item + Non-Advol Cess Value of Item + State Cess Non-advol value of Item + Other charges.

(Note: Temporarily, the validation of 'Gross Amount of Item with Quantity and Selling Unit Price' has been withdrawn.)

B) 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-Advol Cess Value of all Items
- Total State Cess Value = State Cess Value of all Items + State Cess Nonadvol Value of all Items
- Total Invoice Value = Total Taxable Value + Total SGST Value + Total CGST Value + Total IGST Value + Total Cess Value + Total State Cess Value + Total Non-Advol Cess Value
- 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
- 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 Details: Tolerance limit for points A and B 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

C) Validations on e-waybill:

- E-waybill can be generated only if E-way Bill related details are passed.
- E-way Bill is not generated for document types of Debit Note and Credit Note and Services.
- E-way Bill cannot be generated for cancelled IRN.
- 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.
- If mode of transportation in 'Road', then the Vehicle number and vehicle type should be passed.
- If mode of transportation in 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.
- The Vehicle no. should match with specified format and exist in Vahan database.
- E-Waybill will not be generated if the seller or buyer GSTIN is blocked due to non-filing of Returns.

- PIN-PIN distance:
    - 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 cannot 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, shipping address should be passed 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.
- While generating E Way Bill, Vehicle Type (‘VehType’) can be set to ‘O’ (Over Dimension Vehicle) if the Transportation mode (‘TransMode’) is set as ‘4’ (Ship)

D) Other validations

- e-invoice (IRN) cannot be re-generated for the cancelled e-invoice (IRN) also.
- IRNs can be generated only if the Supplier and Recipient GSTNs are active. IRN cannot be generated if the status of GSTINs is ‘Suspended’ or ‘Provisional’ or ‘Inactive’ or ‘Cancelled’
- Request for the IRN/e-Invoice can be made only by the supplier of the goods or services.
- In case the supplier is SEZ unit, then he cannot generate e-Invoice.
- **E-Commerce Transactions -** 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 EcmGSTIN accordingly.
- **Document date validation –**
    - The Document Date can be from 01-Oct-2020. IRN Requests belonging to previous dates will be rejected.
    - If the status of the Supplier GSTIN or Recipient GSTIN is ‘Cancelled’, the document date should be between date of registration (‘DtReg’) and Date of De-Registration (‘DtDReg’) for generation of IRN
- **Document number validation -** Supplier should ensure that the unique invoice number is being generated for the financial year for each invoice, in his ERP/manual system.
- **Reverse charge -**
    - ‘Reverse Charges’ can be set as ‘Y’ in case of B2B 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.
    - 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
- **Customer GSTIN -** Recipient GSTIN should be registered and active. In case of transaction of direct export, recipient GSTIN has to be URP and state code has to be 96, POS should be 96. 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.
- **SEZ Supply –**
    - 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.)

- If the Recipient GSTN is of type SEZ Unit or SEZ Developer, Supply type ('SupTyp') should be either 'SEZWP' or 'SEZWOP'. Other supply types are not allowed

- **State code and GSTIN validation -** 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.
- **PIN code validation -** PIN Codes are validated against the States, they belong by matching the complete pin code 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.
- **Transaction Type for E-Way Bill**
    - **Bill to Ship to -** If 'Shipping party' is provided, then the transaction is considered as 'Bill To-Ship To'.
    - **Bill from Dispatch from -** If 'Dispatching party' is provided, then the transaction is considered as 'Bill From – Dispatch From'.
    - **Combination of both -** 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).
- **Export Supply -** In case of export transactions for goods, the 'Ship-To' address should be of the place/port in India from where the goods are being exported.
- **IGST on intrastate supply –**
    - 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.
    - If IGST on Intra ('IgstOnIntra') value is set to 'Y', then Reverse Charge applicable ('RegRev') value should be 'Y'
- **Tax determination -** 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.*
- **Export & SEZ supply -** In case of Exports and SEZ, the supply is always Interstate
- **JSON size -** JSON payload size cannot exceed 2MB.

E) Item validations

- Serial number of the item is verified for duplicate values.
- **Goods related -** Each item needs to have valid HSN code with at least 6 digits. That is, items of goods type should be 6 or 8 digits. HSN Code should be valid as per the GST master.
- **Services related –** HSN code for items of service type should be 6 or 8 digits. HSN Code should be valid as per the GST master.
- **HSN Code Related -** Minimum 6 digits HSN codes for tax payers having turnover more than Rs. 5 Crore.
- **Services related -** If Is_Service is selected, then the HSN codes must belong to services.
- **Goods related -** Each item should have valid Unit Quantity Code (UQC) as per the master codes, in case of goods.
- **Goods related -** Quantity and Unit Quantity Code are mandatory for Goods and optional for Services
- **Tax rates related -** Tax rates are being validated. Only the allowed tax rates will be accepted
- **Tax rate related -** In case of intra-state transaction, the sum of SGST and CGST tax rates should be entered as GST Rate.
- **Tax rate related -** In case of inter-state transaction, the IGST tax rate and value has to be passed.
- **Tax rate related -** In case of export transaction, IGST tax rate and value has to be passed.
- **Tax rate related -** In case the Recipient is SEZ unit, then IGST tax rate and value has to be passed irrespective of state of the Recipient.
- **Maximum line items -** Maximum number of items in each invoice should not exceed more than 1000 items and a minimum of 1 item should be available.

TAX RATE

CGST	SGST	IGST	CESS(Advol)	CESS(Non-Advol)
0	0	0	0 or 1 or 3 or 5 or 11 or 12 or 12.5 or 15 or 17 or 21 or 22 or 36 or 49 or 60 or 61 or 65 or 71 or 72 or 89 or 96 or 142 or 160 or 204 or 249	0 or 400 or 2076 or 2747 or 3668 or 4006 or 4170
0.05	0.05	0.1		
0.125	0.125	0.25		
1.5	1.5	3		
2.5	2.5	5		
6	6	12		
9	9	18		
14	14	28		

MASTER CODE LIST

General Master

https://einv-apisandbox.nic.in/master-codes-list.html

State Codes, HSN Codes, Country Codes, Port Codes, Currency Codes, UQC Codes, Tax Rates, Pin Codes, Pin Code State Mapping Pattern

https://einvoice1.gst.gov.in/Others/MasterCodes

Error List
https://einv-apisandbox.nic.in/api-error-codes-list.html

Mapping of technical and JSON attribute names for IRN
https://einv-apisandbox.nic.in/Mapping_of_technical_and_JSONattribute_names_for_IRN.html