



## Technical Specification for DI API



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## 1. Purpose

The purpose of this document is to facilitate Supply Chain Operators to understand the methods for Digital Invoice Data sharing with FBR.

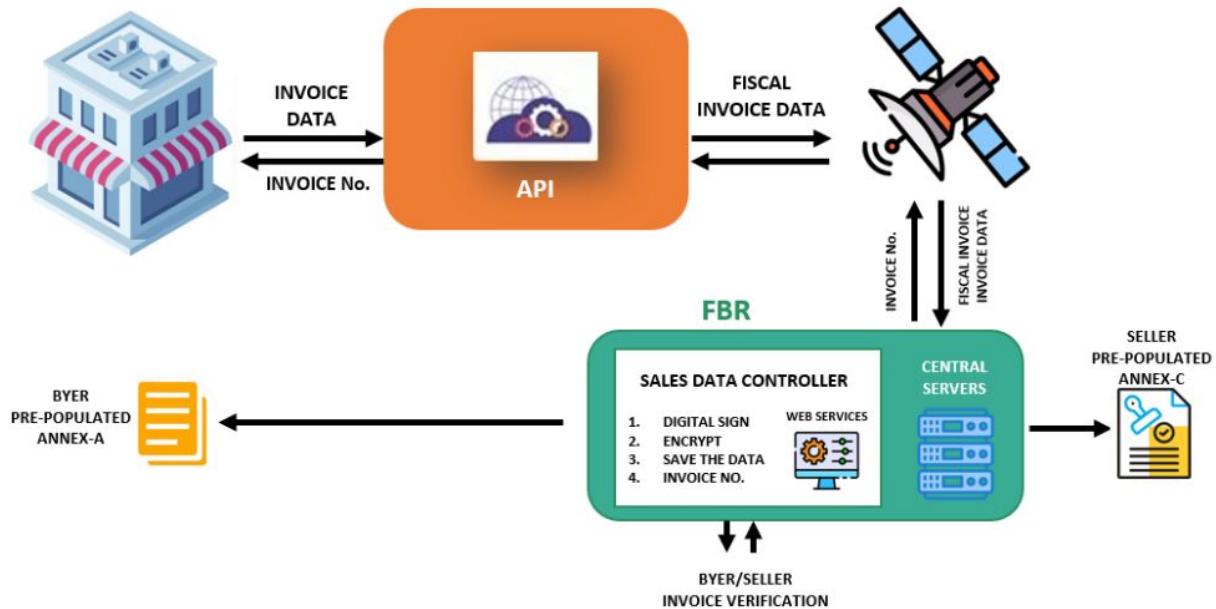


Figure 1 - Invoice Focalization Process

ERP or equivalent software will be integrated with FBR as per the following steps:

- Each ERP or equivalent software will register in the FBR system from which it wants to upload the invoice data.
- Taxpayers will integrate their ERP/System with FBR Digital Invoicing System as per provided details in the Section (3) Integration Steps with FBR.



## 2. Data Sharing Mode

Digital Invoicing sharing mode will be real-time using Web API shared by FBR. The Data Format of this service will be as per object models referred below in this document.

## 3. Web API

This Web API resides on PRAL ESP (Enterprise Service Platform) and is exposed with methods to facilitate Digital Invoicing sharing between Supply Chain Operators and FBR.

### 3.1. Web API Security

This Web API is secured and will require a security token to be passed in the header of each request. This security token will be issued by PRAL and given to Supply Chain Operators along with all URLs to access the web API. This security token will have a validity of 5 Years, and a new token will be requested by the Supply Chain Operators upon expiry, and a new security token will automatically be issued to access these services.

Figure 1 below illustrates how to pass this token in the header of each request using Postman.

The screenshot shows the Postman interface with the 'Headers' tab selected. A single header named 'Authorization' is present, with its value set to 'Bearer 90e4e727-d927-3a9b-b894-101f92b47f32'. This value is highlighted with a red box. Below the table, a note states: 'This temporary header is generated by Postman and is not saved with your request.' At the bottom, the status bar indicates 'Status: 200 OK Time: 62 ms Size: 764 B'.

Figure 2 Security Key added with the word "**Bearer**" will be passed on in Value of parameter **Authorization**

### 3.2. Web Methods Details

Web APIs expose different web methods for data sharing. The details of these web methods are as follows.

- Digital Invoicing API
- Digital Invoicing Reference APIs



## 4. Digital Invoicing API

- Web method for Digital Invoicing - Post
- Web method for Digital Invoicing - Validate

**Note:** DI data acquisition API URL's are mentioned in this document will remain the same for **Sandbox** and **Production** routing will be based on the security token being used.

### 4.1. Web method for Digital Invoicing - Post

The first web method ([postinvoicedata](#)) will be used on a real time basis. The API consumer will have to send object model mentioned below. This method will take following parameters and will return JSON response as shown in example below.

URL: [https://gw.fbr.gov.pk/di\\_data/v1/di/postinvoicedata](https://gw.fbr.gov.pk/di_data/v1/di/postinvoicedata)

#### 4.1.1. Sample JSON Data:

Input Parameters of the first web method ([postinvoicedata](#)) will be as follows:

*Note: Invoice Header will only be added once in the object model.*

```
{  
    "invoiceType": "Sale Invoice",  
    "invoiceDate": "2025-04-21",  
    "sellerBusinessName": "Company 8",  
    "sellerProvince": "Sindh",  
    "sellerAddress": "Karachi",  
    "buyerNTNCNIC": "10000000000000",  
    "buyerBusinessName": "FERTILIZER MANUFAC IRS NEW",  
    "buyerProvince": "Sindh",  
    "buyerAddress": "Karachi",  
    "buyerRegistrationType": "Registered",  
    "invoiceRefNo": "",  
    "scenarioId": "SN001",  
    "items": [  
        {  
            "itemCode": "I001",  
            "description": "Item 1 Description",  
            "quantity": 10,  
            "unit": "Kg",  
            "rate": 1000,  
            "amount": 10000  
        },  
        {  
            "itemCode": "I002",  
            "description": "Item 2 Description",  
            "quantity": 20,  
            "unit": "Kg",  
            "rate": 2000,  
            "amount": 40000  
        }  
    ]  
}
```



```
{  
    "hsCode": "0101.2100",  
    "productDescription": "product Description",  
    "rate": "18%",  
    "uOM": "Numbers, pieces, units",  
    "quantity": 1,  
    "totalValues": 0,  
    "valueSalesExcludingST":1000,  
    "fixedNotifiedValueOrRetailPrice":0,  
    "salesTaxApplicable": 18,  
    "salesTaxWithheldAtSource":0,  
    "extraTax": "",  
    "furtherTax": 120,  
    "sroScheduleNo": "",  
    "fedPayable": 0,  
    "discount": 0,  
    "saleType": "Goods at standard rate (default)",  
    "sroItemSerialNo": ""  
}  
]  
}
```



### Invoice Field Description

JSON Field	Json DataType	required	sample data	Description
invoiceDate	datetime	Required	"2024-05-16"	Date and time when the invoice was issued.
sellerBusinessName	string	Required	"General business"	Seller Business Name
sellerNTNCNIC	string	Required	"0786909"	Seller NTN/CNIC
sellerAddress	string	Required	"Rawalpindi"	Seller business Address
sellerProvince	string	Required	"Punjab"	Seller province
buyerNTNCNIC	string	Required	1234567890123	Buyer Registration No
buyerBusinessName	string	Required	"John Doe"	Buyer Name
buyerProvince	string	Required	"Sindh"	Total number of items in the invoice.
buyerAddress	string	Required	"Karachi"	Total discount applied to the invoice.
InvoiceType	Int	Required	1	<ul style="list-style-type: none"> <li>• Sales Invoice</li> <li>• Purchase Invoice</li> <li>• Debit Note</li> </ul>
invoiceRefNo	String	Required only in case of debit/credit note	7327556DI1744111990654	Reference Invoice no for the debit/credit note

### Invoice Items Field Description

JSON Field	Json DataType	required	sample data	Description
hsCode	String	Required	"99260000"	HS Code is applicable to manufacturer-cum-retailer issuing electronic invoices
productDescription	String	Required	"OTHER"	Product detail
rate	String	Required	17%	Tax Rate (ratE_DESC from reference API 5.8)
uoM	String	Required	"KG"	Unit of Measurement
quantity	Int	Required	100	Item Quantity
totalValues	Double	Required	1170.00	Total Sales Value



valueSalesExcludingST	Double	Required	1000	Sales Value Excluding sales tax
salesTaxApplicable	Int	Required	170	Amount of Sales Tax/ FED in sales tax mode
salesTaxWithheldAtSource	Double	Required	150.00	Sales Tax Withheld at source
sroScheduleNo	String	Optional	"SRO123"	SRO Schedule No
sroItemSerialNo	String	Optional	"1"	Item serial number
furtherTax	Double	Optional	70.00	Further Tax
discount	Double	Optional	70.00	Discount
fedPayable	Double	Optional	70.00	Federal excise duty payable
saleType	String	Required	"Services"	Type of Sale
extraTax	Double	Optional	0.00	Extra Tax

#### 4.1.2. Sample JSON Valid Response:

```
{
    "invoiceNumber": "7000007DI1747119701593",
    "dated": "2025-05-13 12:01:41",
    "validationResponse": {
        "statusCode": "00",
        "status": "Valid",
        "error": "",
        "invoiceStatuses": [
            {
                "itemSNo": "1",
                "statusCode": "00",
                "status": "Valid",
                "invoiceNo": "7000007DI1747119701593-1",
                "errorCode": "",
                "error": ""
            }
        ]
    }
}
```



#### 4.1.3. Sample JSON Invalid Response 1:

```
{  
  "dated": "2025-05-13 13:09:05",  
  
  "validationResponse": {  
  
    "statusCode": "01",  
  
    "status": "Invalid",  
  
    "errorCode": "0052",  
  
    "error": "Provide proper HS Code with invoice no. null",  
  
    "invoiceStatuses": null  
  
  }  
}
```

#### 4.1.4. Sample JSON Invalid Response 2:

```
{  
  "dated": "2025-05-13 13:10:00",  
  
  "validationResponse": {  
  
    "statusCode": "00",  
  
    "status": "Valid",  
  
    "error": "",  
  
    "invoiceStatuses": [  
  
      {"itemSNo": "1",  
       ...]  
    ]  
  }  
}
```



```
"statusCode": "01",  
"status": "Invalid",  
"invoiceNo": null,  
"errorCode": "0046",  
"error": "Provide rate."  
}  
]  
}
```

S. No	Field	Message
1.	Invoice Number	Invoice Number issued by FBR System
2.	Status Code	00 - Valid 01 – Invalid
3.	Exception	Details of the errors
4.	Invoice Status	Item Serial Number Statuscode (00 valid, 01 Invalid) Status ("Valid or invalid) Invoice Number (Invoice Number Issued by FBR System) Error Code Remarks:

#### 4.1.5. HTTP Status Codes:

S. No	Status Code	Message
1.	200	Ok
2.	401	Unauthorized
3.	500	Internal Server Error (Contact Administrator)



## 4.2. Web method for Digital Invoicing - Validate

The second web method ([validateinvoicedata](#)) will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: [https://gw.fbr.gov.pk/di\\_data/v1/di/validateinvoicedata](https://gw.fbr.gov.pk/di_data/v1/di/validateinvoicedata)

### 4.2.1. Sample JSON Data:

Input Parameters of the first web method validate) will be as follows:

*Note: Invoice Header will only be added once in the object model.*

```
{
    "invoiceType": "Sale Invoice",
    "invoiceDate": "2025-04-21",
    "sellerBusinessName": "Company 8",
    "sellerProvince": "Sindh",
    "sellerAddress": "Karachi",
    "buyerNTNCNIC": "10000000000000",
    "buyerBusinessName": "FERTILIZER MANUFAC IRS NEW",
    "buyerProvince": "Sindh",
    "buyerAddress": "Karachi",
    "buyerRegistrationType": "Registered",
    "invoiceRefNo": "",
    "scenarioId": "SN001",
    "items": [
        {
            "hsCode": "0101.2100",
            "productDescription": "product Description",
            "rate": "18%",
            "uoM": "Numbers, pieces, units",
            "quantity": 1
        }
    ]
}
```



```
        "totalValues": 0,  
        "valueSalesExcludingST":1000,  
        "fixedNotifiedValueOrRetailPrice":0,  
        "salesTaxApplicable": 18,  
        "salesTaxWithheldAtSource":0,  
        "extraTax": "",  
        "furtherTax": 120,  
        "sroScheduleNo": "",  
        "fedPayable": 0,  
        "discount": 0,  
        "saleType": "Goods at standard rate (default)",  
        "sroItemSerialNo": ""  
    }  
]  
}
```

## Invoice Field Description

JSON Field	Json Data Type	required	sample data	Description
invoiceDate	datetime	Required	"2024-05-16"	Date and time when the invoice was issued.
sellerBusinessName	string	Required	"General business"	Seller Business Name
sellerNTNCNIC	string	Required	"0786909"	Seller NTN/CNIC
sellerAddress	string	Required	"Rawalpindi"	Seller Business Address
sellerProvince	string	Required	"Punjab"	Seller Province
buyerNTNCNIC	string	Required	1234567890123	Buyer NTN Registration no
buyerBusinessName	string	Required	"John Doe"	Buyer Name
buyerProvince	string	Required	"Sindh"	Total number of items in the invoice.
buyerAddress	string	Required	"Karachi"	Total discount applied to the invoice.



InvoiceType	Int	Required	1	<ul style="list-style-type: none"><li>Sales Invoice</li><li>Purchase Invoice</li><li>Debit Note</li><li>Credit Note</li></ul>
invoiceRefNo	String	Required only in case of debit/credit note	7327556DI1744111990654	Reference Invoice no for the debit/credit note

### Invoice Items Description

JSON Field	Json Data Type	required	sample data	Description
hsCode	string	Required	"99260000"	HS Code is applicable to manufacturer-cum-retailer issuing electronic invoices
productDescription	string	Required	"OTHER"	Product detail
rate	string	Required	17%	Tax Rate (rate_DESC from reference API 5.8)
uoM	string	Required	"KG"	Unit of Measurement
quantity	int	Required	100	Item Quantity
totalValues	double	Required	1170.00	Buyer NTN Registration no
valueSalesExcludingST	double	Required	1000	Sales Value Excluding sales tax
salesTaxApplicable	int	Required	170	Amount of Sales Tax
salesTaxWithheldAtSource	double	Required	150.00	Sales tax withheld at source
sroScheduleNo	string	Optional	"SRO123"	SRO Schedule No.
furtherTax	double	Optional	70.00	Further Tax
discount	double	Optional	70.00	Discount
fedPayable	double	Optional	70.00	Federal excise duty payable in sales tax mode
sroItemSerialNo	string	Optional	"1"	SRO Item Serial Number
saleType	string	Required	"Services"	Sale Type
extraTax	double	Optional	0.00	Extra Tax



#### 4.2.2. Sample Json Response (In Case of Valid):

```
{  
    "dated": "2025-05-13 13:13:07",  
  
    "validationResponse": {  
  
        "statusCode": "00",  
  
        "status": "Valid",  
  
        "errorCode": null,  
  
        "error": "",  
  
        "invoiceStatuses": [  
  
            {  
  
                "itemSNo": "1",  
  
                "statusCode": "00",  
  
                "status": "Valid",  
  
                "errorCode": null,  
  
                "error": ""  
  
            }  
        ]  
    }  
}
```



#### 4.2.3. Sample Json Response (In Case of Invalid):

```
{  
    "dated": "2025-05-13 13:13:54",  
  
    "validationResponse": {  
  
        "statusCode": "00",  
  
        "status": "Valid",  
  
        "errorCode": null,  
  
        "error": "",  
  
        "invoiceStatuses": [  
  
            {  
  
                "itemSNo": "1",  
  
                "statusCode": "01",  
  
                "status": "Invalid",  
  
                "errorCode": "0046",  
  
                "error": "Provide rate."  
  
            }  
  
        ]  
  
    }  
}
```



S. No	Field	Message
1.	Status Code	00 - Valid 01 – Invalid
2.	Exception	Details of the errors
3.	Invoice Status	Item Serial Number Statuscode (00 valid, 01 Invalid) Status ("Valid or invalid) Invoice Number (Invoice Number Issued by FBR System) Error Code Remarks:

#### 4.2.4. Http Status Codes:

S. No	Status Code	Message
1.	200	Ok
2.	401	Unauthorized
3.	500	Internal Server Error (Contact Administrator)

### 5. Digital Invoicing Reference APIs

- Web method for Digital Invoicing – Province Code
- Web method for Digital Invoicing – Document Type
- Web method for Digital Invoicing – Item Code
- Web method for Digital Invoicing – SRO item ID
- Web method for Digital Invoicing – Transaction Type ID
- Web method for Digital Invoicing – UOM ID
- Web method for Digital Invoicing – SRO ID
- Web method for Digital Invoicing – Sale Type To Rate
- Web method for Digital Invoicing – HS\_UOM
- Web method for Digital Invoicing – SRO item ID



## 5.1. Web method for Digital Invoicing – Province Code

This Web method ([provinces](#)) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: <https://gw.fbr.gov.pk/pdi/v1/provinces>

### 5.1.1. Sample JSON Data:

API requires no request input.

### 5.1.2. Sample Json Response:

```
[ {  
    "stateProvinceCode": 7,  
    "stateProvinceDesc": "PUNJAB"  
,  
{  
    "stateProvinceCode": 8,  
    "stateProvinceDesc": "SINDH"  
}  
]
```

S. No	Field	Description
1.	StateprovinceCode	Province code
2.	stateprovinceDesc	Description on the province

### 5.1.3. Http Status Codes:

S. No	Status Code	Message
1.	200	Ok
2.	401	Unauthorized
3.	500	Internal Server Error (Contact Administrator)



## 5.2. Web method for Digital Invoicing – Document Type ID

This Web method ([doctypecode](#)) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: <https://gw.fbr.gov.pk/pdi/v1/doctypecode>

### 5.2.1. Sample JSON Data:

API requires no request input.

### 5.2.2. Sample Json Response:

```
[{  
    "docTypeId": 4,  
    "docDescription": "Sale Invoice"  
,  
{  
    "docTypeId": 9,  
    "docDescription": "Debit Note"  
}]
```

S. No	Field	Description
1.	docTypeId	Id for the document type
2.	docDescription	Description of the document type

### 5.2.3. Http Status Codes:

S. No	Status Code	Message
1.	200	Ok
2.	401	Unauthorized
3.	500	Internal Server Error (Contact Administrator)



### 5.3. Web method for Digital Invoicing – Item Code

This Web method (`itemdesccode`) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: <https://gw.fbr.gov.pk/pdi/v1/itemdesccode>

#### 5.3.1. Sample JSON Data:

API requires no request input.

#### 5.3.2. Sample Json Response:

```
[{  
    "hS_CODE": "8432.1010",  
    "description": "NUCLEAR REACTOR, BOILERS, MACHINERY AND  
    MECHANICAL APPLIANCES; PARTS THEREOF. - AGRICULTURAL,  
    HORTICULTURAL OR FORESTRY MACHINERY FOR SOIL PREPARATION OR  
    CULTI- VATION; LAWN OR SPORTS GROUND ROLLERS. - CHISEL  
    PLOUGHS"  
,  
    {  
        "hS_CODE": "0304.7400",  
        "description": "FISH AND CRUSTACEANS, MOLLUSCS AND OTHER  
        AQUATIC INVERTEBRATES - FISH FILLETS AND OTHER FISH MEAT  
        (WHETHER OR NOT MINCED), FRESH, CHILLED OR FROZEN. - HAKE  
        (MERLUCCIUS SPP., UROPHYCIS SPP.)"  
    }]  
]
```

S. No	Field	Description
1.	Hs_Code	HS Code
2.	description	Description of the HSCode

#### 5.3.3. Http Status Codes:

S. No	Status Code	Message
1.	200	Ok
2.	401	Unauthorized
3.	500	Internal Server Error (Contact Administrator)



#### 5.4. Web method for Digital Invoicing – SRO Item ID

This Web method ([sroitemcode](#)) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: <https://gw.fbr.gov.pk/pdi/v1/sroitemcode>

##### 5.4.1. Sample JSON Data:

API requires no request input.

##### 5.4.2. Sample Json Response:

```
[  
 {  
   "sr0_ITEM_ID": 724,  
   "sr0_ITEM_DESC": "9"  
 },  
 {  
   "sr0_ITEM_ID": 728,  
   "sr0_ITEM_DESC": "1"  
 }  
 ]
```

S. No	Field	Description
1.	Sro_ITEM_ID	SRO item id
2.	sr0_ITEM_DESC	SRO Item Description

##### 5.4.3. Http Status Codes:

S. No	Status Code	Message
1.	200	Ok
2.	401	Unauthorized
3.	500	Internal Server Error (Contact Administrator)



## 5.5. Web method for Digital Invoicing – Transaction Type ID

This Web method ([transtypecode](#)) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: <https://gw.fbr.gov.pk/pdi/v1/transtypecode>

### 5.5.1. Sample JSON Data:

API requires no request input.

### 5.5.2. Sample Json Response:

```
[  
 {  
   "transaction_TYPE_ID": 82,  
   "transaction_DESC": "DTRE goods"  
 },  
 {  
   "transaction_TYPE_ID": 87,  
   "transaction_DESC": "Special procedure cottonseed"  
 },  
 {  
   "transaction_TYPE_ID": 111,  
   "transaction_DESC": "Electricity Supplied to marble/granite  
industry"  
 }  
 ]
```

S. No	Field	Description
1.	transaction_TYPE_ID	Transaction type id
2.	transaction_DESC	Description of the transaction type

### 5.5.3. Http Status Codes:

S. No	Status Code	Message
1.	200	Ok
2.	401	Unauthorized
3.	500	Internal Server Error (Contact Administrator)



## 5.6. Web method for Digital Invoicing – ID of the UOM

This Web method ([uom](#)) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: <https://gw.fbr.gov.pk/pdi/v1/uom>

### 5.6.1. Sample JSON Data:

API requires no request input.

### 5.6.2. Sample Json Response:

```
[  
 {  
   "uoM_ID": 77,  
   "description": "Square Metre"  
 },  
 {  
   "uoM_ID": 13,  
   "description": "KG"  
 }  
 ]
```

S. No	Field	Description
1.	UOM_ID	ID of the UOM
2.	Description	Description of the UOM

### 5.6.3. Http Status Codes:

S. No	Status Code	Message
1.	200	Ok
2.	401	Unauthorized
3.	500	Internal Server Error (Contact Administrator)



## 5.7. Web method for Digital Invoicing – SRO Schedule

This Web method (**srosched**) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: [https://gw.fbr.gov.pk/pdi/v1/srosched?rate\\_id=413&date=04-Feb-2024&origination\\_supplier\\_csv=1](https://gw.fbr.gov.pk/pdi/v1/srosched?rate_id=413&date=04-Feb-2024&origination_supplier_csv=1)

### 5.7.1. Sample JSON Data:

API requires no request input.

### 5.7.2. Sample Json Response:

```
[  
 {  
   "sr0_ID": 7,  
   "sr0_DESC": "Zero Rated Gas"  
 },  
 {  
   "sr0_ID": 8,  
   "sr0_DESC": "5th Schedule"  
 }  
 ]
```

S. No	Field	Description
1.	SRO_ID	ID of the SRO
2.	sr0_DESC	Description of the SRO

### 5.7.3. Http Status Codes:

S. No	Status Code	Message
1.	200	Ok
2.	401	Unauthorized
3.	500	Internal Server Error (Contact Administrator)



## 5.8. Web method for Digital Invoicing – ID of The Rate

This Web method ([SaleTypeToRate](#)) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: <https://gw.fbr.gov.pk/pdi/v2/SaleTypeToRate?date=24-Feb-2024&transTypeId=18&originationSupplier=1>

### 5.8.1. Sample JSON Data:

API requires the following input as a query string.

S. No	Field	Description
1.	date	Date
2.	transTypeId	ID of the transaction type
3.	originationSuppl	Province ID

### 5.8.2. Sample Json Response:

```
[  
 {  
   "ratE_ID": 734,  
   "ratE_DESC": "18% along with rupees 60 per kilogram",  
   "ratE_VALUE": 18  
 },  
 {  
   "ratE_ID": 280,  
   "ratE_DESC": "0%",  
   "ratE_VALUE": 0  
 }]
```

S. No	Field	Description
1.	Rate_ID	ID of the rate
2.	rate_DESC	Description of the rate
3.	Rate_VALUE	Value of the rate

### 5.8.3. Http Status Codes:

S. No	Status Code	Message
1.	200	Ok
2.	401	Unauthorized
3.	500	Internal Server Error (Contact Administrator)



## 5.9. Web method for Digital Invoicing – HS Code with UOM

This Web method ([HS\\_UOM](#)) HTTP method Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: [https://gw.fbr.gov.pk/pdi/v2/HS\\_UOM?hs\\_code=5904.9000&annexure\\_id=3](https://gw.fbr.gov.pk/pdi/v2/HS_UOM?hs_code=5904.9000&annexure_id=3)

### 5.9.1. Sample JSON Data:

API requires the following input as a query string.

S. No	Field	Description
1.	Hs_code	HS code
2.	Annexureid	Sales annexure id

### 5.9.2. Sample Json Response:

```
[  
 {  
   "uoM_ID": 77,  
   "description": "Square Meter"  
 }  
 ]
```

S. No	Field	Description
1.	uoM_ID	ID of the unit of measure
2.	description	Description of the unit of measure

### 5.9.3. Http Status Codes:

S. No	Status Code	Message
1.	200	Ok
2.	401	Unauthorized
3.	500	Internal Server Error (Contact Administrator)



## 5.10. Web method for Digital Invoicing – SRO Item ID

This Web method (`SROItem`) HTTP meth Get will be used on a real time basis. API consumer will have to send object model mentioned below. This method will take following parameters and will return Json response as shown in example below.

URL: [https://gw.fbr.gov.pk/pdi/v2/SROItem?date=2025-03-25&sro\\_id=389](https://gw.fbr.gov.pk/pdi/v2/SROItem?date=2025-03-25&sro_id=389)

### 5.10.1. Sample JSON Data:

API requires the following input as a query string.

S. No	Field	Description
1.	Date	Date
2.	Sro_id	Sro id

### 5.10.2. Sample Json Response:

```
[  
 {  
   "sr0_ITEM_ID": 17853,  
   "sr0_ITEM_DESC": "50"  
 },  
 {  
   "sr0_ITEM_ID": 17854,  
   "sr0_ITEM_DESC": "51"  
 }  
 ]
```

S. No	Field	Description
1.	Sro_ITEM_ID	Item id
2.	Sro_ITEM_DESC	Description of the Item

### 5.10.3. Http Status Codes:

S. No	Status Code	Message
1.	200	Ok
2.	401	Unauthorized
3.	500	Internal Server Error (Contact Administrator)



## 6. Digital Invoicing Logo & QR Code Printing

The below Digital Invoicing System logo and QR code must be printed on each invoice issued by the taxpayers.



*Ensure the following specifications for QR Code Printing:*

**QR Code Version:** 2.0 (25x25)

**QR Code Dimensions:** 1.0 x 1.0 Inch.



*Use FBR Digital Invoicing System image to print on receipts*



## 7. Sales Error Codes

MESSAGE_CODE	MESSAGE_DESC	BRIEF_MSG_DESC
0001	Seller not registered for sales tax, please provide valid registration/ntn.	Seller is not registered for sales tax, please provide valid seller registration/NTN.
0002	Invalid Buyer Registration No or NTN:	Buyer Registration Number or NTN is not in proper format, please provide buyer registration number in 13 digits or NTN in 7 or 9 digits
0003	Provide proper invoice type.	Invoice type is not valid or empty, please provide valid invoice type
0005	please provide date in valid format 01-DEC-2021	Invoice date is not in proper format, please provide invoice date in "YYYY-MM-DD" format. For example: 2025-05-25
0006	Sale invoice not exist.	Sales invoice does not exist against STWH
0007	Wrong Sale type is selected with invoice no (Invoice no)	Selected invoice type is not associated with proper registration number, please select actual invoice type
0008	ST withheld at source should either be zero or same as sales tax/fed in st mode.	ST withheld at source is not equal to zero or sales tax, please enter ST withheld at source zero or equal to sales tax
0009	Provide Buyer registration No.	Buyer Registration Number cannot be empty, please provide proper buyer registration number
0010	Provide Buyer Name.	Buyer Name cannot be empty, please provide valid buyer name
0011	Provide invoice type.	Invoice type cannot be empty, please provide valid invoice type
0012	Provide Buyer Registration Type.	Buyer Registration Type cannot be empty, Provide Buyer Registration Type.
0013	Provide valid Sale type.	Sale type cannot be empty/null, please provide valid sale type
0018	Please provide Sales Tax/FED in ST Mode	Sales Tax/FED cannot be empty, please valid provide Sales Tax/FED
0019	Please provide HSCode	HS Code cannot be empty, please provide valid HS Code
0020	Please provide Rate	Rate field cannot be empty, please provide Rate



0021	Please provide Value of Sales Excl. ST /Quantity	Value of Sales Excl. ST /Quantity cannot be empty, please provide valid Value of Sales Excl. ST /Quantity
0022	Please provide ST withheld at Source or STS Withheld	ST withheld at Source or STS Withheld cannot be empty, please provide valid ST withheld at Source or STS Withheld
0023	Please provide Sales Tax	Sales Tax cannot be empty, please provide valid Sales Tax
0024	Please provide ST withheld	Sales Tax withheld cannot be empty, please provide valid Sales Tax withheld
0026	Invoice Reference No. is required.	Invoice Reference No. is mandatory requirement for debit/credit note. Please provide valid Invoice Reference No.
0027	Reason is required.	Reason is mandatory requirement for debit/credit note. Please provide valid reason for debit/credit note
0028	Reason Remarks are required.	Reason is selected as "Others". Please provide valid remarks against this reason
0029	Invoice date must be greater or equal to original invoice no.	Debit/Credit note date should be equal or greater from original invoice date
0030	Unregister distributor type not allowed before date	Unregister distributor type not allowed before system cut off date
0031	Provide Sales Tax	Sales Tax is not mentioned, please provide Sales Tax
0032	STWH can only be created for GOV/FTN Holders.	User is not FTN holder, STWH can only be created for GOV/FTN Holders without sales invoice.
0034	{0} only allowed within {1} days of invoice date of the original invoice	Debit/Credit note can only be added within 180 days of original invoice date
0035	{0} date must be greater or equal to original invoice date.	Note Date must be greater or equal to original invoice date
0036	Total {1} value of {0} invoice(s) is greater than {1} of original invoice. Value of Sales	Credit Note Value of Sale must be less or equal to the value of Sale in original invoice.
0037	Total {1} value of {0} invoice(s) is greater than {1} of original invoice. ST Withheld as WH Agent	Credit Note Value of ST Withheld must be less or equal to the value of ST Withheld in original invoice.



0039	Sale invoice not exist.	For registered users, STWH invoice fields must be same as sale invoice
0041	Provide invoice No.	Invoice number cannot be empty, please provide invoice number.
0042	Provide invoice date.	Invoice date cannot be empty, please provide invoice date.
0043	Provide valid Date.	Invoice date is not valid, please provide valid invoice date.
0044	Provide HS Code.	HS Code cannot be empty, please provide HS Code
0046	Provide rate.	Rate cannot be empty, please provide valid rate
0050	Please provide valid Sales Tax withheld. For sale type 'Cotton ginners', Sales Tax Withheld must be equal to Sales Tax or zero	Please provide valid Sales Tax withheld. For sale type 'Cotton ginners', Sales Tax Withheld must be equal to Sales Tax or zero
0052	Please provide valid HS Code against invoice no:	HS Code that does not match with provided sale type, please provide valid HS Code against sale type
0055	Please Provide ST Withheld as WH Agent	Sales tax withheld cannot be empty or invalid format. Please provide valid sales tax withheld.
0064	Reference invoice already exist.	Credit note is already added to a invoice
0067	{1} of {0} invoice is greater than {1} of original invoice.	Sales Tax value of Debit Note is greater than original invoice's sales tax
0068	{1} of {0} invoice is less than {1} of original invoice.	Sales Tax value of Credit Note is less than original invoice's sales tax according to the rate.
0070	STWH cannot be created for unregistered buyers.	User is not registered, STWH is allowed only for registered user
0071	Entry of {0} against the declared invoice is not allowed.	Credit note allowed to add only for specific users
0073	Provide Sale Origination Province of Supplier	Sale Origination Province of Supplier cannot be empty, please provide valid Sale Origination Province of Supplier.
0074	Provide Destination of Supply	Destination of Supply cannot be empty, please provide valid Destination of Supply



0077	Provide SRO/Schedule No.	SRO/Schedule Number cannot be empty, please provide valid SRO/Schedule Number
0078	Provide Item Sr. No.	Item serial number cannot be empty, please provide valid item serial number
0079	If Value of Sales Excl. ST greater than {0}. Rate {1} not allowed.	If sales value is greater than 20,000 than rate 5% is not allowed
0080	Please provide Further Tax	Further Tax' cannot be empty, please provide valid Further Tax
0081	Please provide Input Credit not Allowed	'Input Credit not Allowed' cannot be empty, please provide 'Input Credit not Allowed'
0082	The Seller is not registered for sales tax. Please provide a valid registration/NTN.	The Seller is not registered for sales tax. Please provide a valid registration/NTN.
0083	Mismatch Seller Registration No.	Seller Reg No. doesn't match. Please provide valid Seller Registration Number
0085	Please provide Total Value of Sales (In case of PFAD only)	Total Value of Sales is not provided, please provide valid Total Value of Sales (In case of PFAD only)
0086	You are not an EFS license holder who has imported Compressor Scrap in the last 12 months.	You are not an EFS license holder who has imported Compressor Scrap in the last 12 months.
0087	Petroleum Levy rates not configured properly.	Petroleum Levy rates not configured properly. Please update levy rates properly
0088	Alphanumeric and (-) contained invoice No. is allowed. (-) should be in between Alphanumeric string.	Invoice number is not valid, please provide valid invoice number in alphanumeric format. For example: Inv-001
0089	Please provide FED Charged	FED Charged cannot be empty, please provide valid FED Charged
0090	Please provide Fixed / notified value or Retail Price	Fixed / notified value or Retail Price cannot be empty, please provide valid Fixed / notified value or Retail Price
0091	Extra tax must be empty.	Extra tax must be empty.
0092	Provide Valid Sale Type.	Purchase type cannot be empty, please provide valid purchase type



0093	Selected Sale Type are not allowed to Manufacturer.	Selected Sale is are not allowed to Manufacturer. Please select proper sale type
0095	Please provide Extra Tax	Extra Tax cannot be empty, please provide valid extra tax
0096	For selected HSCode only KWH UOM is allowed.	For provided HS Code, only KWH UOM is allowed
0097	Provide UOM KG.	Please provide UOM in KG
0098	Please provide Quantity / Electricity Units	Quantity / Electricity Unit cannot be empty, please provide valid Quantity / Electricity Unit
0099	Provide uom.	UOM is not valid. UOM must be according to given HS Code
0100	Cotton Ginners allowed against registered buyers only.	Registered user cannot add sale invoice. Only cotton ginner sale type is allowed for registered users.
0101	Please Use Toll Manufacturing Sale Type for Steel Sector.	Sale type is not selected properly, please use Toll Manufacturing Sale Type for Steel Sector.
0102	Calculated tax not matched in 3rd schedule	The calculated sales tax not calculated as per 3rd schedule calculation formula
0103	The calculated tax for Potassium Chlorate does not match.	Calculated tax not matched for potassium chlorate. Calculated value doesn't match according to potassium chlorate for sales potassium invoices.
0104	The calculated percentage sales tax does not match.	Calculated percentage of sales tax not matched. Calculation must be correct with respect to provided rate
0105	The calculated sales tax for the quantity is incorrect.	The calculated sales tax for the quantity is incorrect.
0106	The Buyer is not registered for sales tax. Please provide a valid registration/NTN.	The Buyer is not registered for sales tax. Please provide a valid registration/NTN.
0107	Mismatch Buyer Registration No.	Buyer Reg No. doesn't match. Please provide valid Buyer Registration Number
0108	Invalid Seller Registration No or NTN	Seller Reg No. is not valid. Please provide valid Seller Registration Number/NTN
0109	Wrong invoice type is selected in invoice no	Invoice type is not selected properly, please select proper invoice type
0111	Wrong purchase type is selected with invoice no	Purchase type is not selected properly, please provide proper purchase type



0113	System is unable to parse date. Please provide date in valid format dd-MMM-yy.	Date is not in proper format, please provide date in "YYYY-MM-DD" format. For example: 2025-05-25
0300	Provided decimal value is not valid at field	Discount Value is not valid at item 1   Total Value is not valid at item 1   FedPayable Value is not valid at item 1   ExtraTax Value is not valid at item 1   FurtherTax Value is not valid at item 1   SalesTaxWithheldAtSource Value is not valid at item 1   Quantity Value is not valid at item 1

## 8. Purchase Error Codes

MESSAGE_CODE	MESSAGE_DESC	BRIEF_MSG_DESC
0114	Buyer not registered for sales tax, please provide valid registration/ntn.	Buyer is not registered for sales tax, please provide valid buyer registration/NTN.
0115	Invalid Seller Registration No or NTN:	Seller Registration Number or NTN is not in proper format, please provide seller registration number in 13 digits or NTN in 7 or 9 digits
0116	Purchase invoice not exist.	Purchase invoice does not exist against STWH
0117	Seller not registered for sales tax, please provide valid registration/ntn.	Seller is not registered for sales tax, please provide valid registration/NTN of seller.
0118	Invalid Seller Registration No or NTN	Special character (+,- etc) is not allowed in NTN / Reg No. , please provide valid NTN / Reg. No
0119	Wrong purchase type is selected with invoice no (Invoice no)	Purchase type is not selected properly. Purchase type is not associated against the invoice. Please select proper purchase type
0120	ST withheld at source should either be zero or same as sales tax/fed in st mode.	Sales tax withheld at source is not equal to zero or sales tax, please enter Sales tax withheld at source zero or equal to sales tax
0121	Provide seller registration No.	Seller registration number cannot be empty, please provide valid seller registration number
0122	Registered user can't add purchase invoice.	Registered user cannot add purchase invoice. Only cotton ginner purchase type is allowed for registered users.
0123	Provide purchase type.	Purchase type cannot be empty, please provide valid purchase type



0124	Provide valid purchase type.	Purchase type is not valid, please provide valid purchase type
0125	Please provide Sales Tax/FED in ST Mode	Sales Tax/FED cannot be empty, please provide valid Sales Tax/FED
0126	Please provide Fixed Retail Value	Fixed Retail Value cannot be empty, please provide valid Fixed Retail Value
0127	Please provide ST Withheld as WH Agent OR STS Withheld	ST Withheld cannot be empty, please provide ST Withheld as WH Agent OR STS Withheld
0128	Please provide Extra Tax	Extra Tax cannot be empty, please provide Extra Tax
0129	Please provide Input Credit not Allowed	Input Credit not Allowed cannot be empty, please provide Input Credit not Allowed
0130	Please provide FED Charged	FED Charged cannot be empty, please provide FED Charged
0131	Provide Seller Name.	Seller name cannot be empty, please provide valid seller name
0132	Unregistered distributor types not allowed before {0}	Unregistered distributor types not allowed before 01-Jul-2022.
0133	Retail consumer type not allowed after {0}	Retail consumer type not allowed before 01-Jul-2022.
0134	Selected purchase type is not allowed to Manufacturer.	Nonadjustable supplies purchase types are not allowed to Manufacturer.
0135	Provide ST Withheld as WH Agent OR STS Withheld	ST withheld as WH agent is not provided for purchase invoices.
0136	Cotton Ginners allowed against registered buyers only	Purchase type is not valid against a registered user. Cotton Ginners type is allowed against registered buyers only
0137	Extra tax must be empty.	For GOODS_AT_REDUCED_RATE purchase type, extra tax must be empty or zero.
0138	Total {1} value of {0} invoice(s) is greater than {1} of original invoice. Value of Purchases	Debit Note Value of Sale must be greater than or equal to the value of Sale in original invoice.
0139	Total {1} value of {0} invoice(s) is greater than {1} of original invoice. ST Withheld as WH Agent	Debit Note Value of ST Withheld must be greater than or equal to the value of ST Withheld in original invoice.
0140	Total {1} value of {0} invoice(s) is greater than {1} of original invoice. Further Tax	Debit Note Value of further tax must be greater than or equal to the value of further tax in original invoice.



0141	Total {1} value of {0} invoice(s) is greater than {1} of original invoice. Extra Tax	Debit Note Value of extra tax must be greater than or equal to the value of extra tax in original invoice.
0142	Declared price is less than minimum notified price. Minimum price is {0}.	For steel sector, sales value must be greater than minimum notified price
0143	Calculated tax not matched for potassium chlorate	Calculated tax not matched for potassium chlorate. Calculated value doesn't match according to potassium chlorate for purchase potassium invoices.
0144	Calculated tax not matched in 3rd schedule	Calculated tax not matched in 3rd schedule. Calculated value doesn't match according to 3rd schedule for purchase invoices.
0145	Calculated percentage sales tax not matched	Calculated percentage sales tax not matched
0146	System is unable to parse	Invalid data type. String or other data cannot be entered only big decimal is required
0147	please provide date in valid format	Date is not in valid format. Please provide date in valid format "DD-MMM-YY". For example: 08-May-25
0148	Provide seller name.	Seller name cannot be empty, please provide valid seller name
0149	Provide destination of supply	Destination of supply cannot be empty, please provide valid destination of supply
0150	Provide sale origination province of supplier	Sale origination province of supplier cannot be empty, please provide valid sale origination province of supplier
0151	Please provide Quantity / Electricity Unit	Quantity / Electricity Unit cannot be empty, please provide valid Quantity / Electricity Unit
0152	Provide uom.	UOM is not valid. UOM must be according to given HS Code
0153	Calculated tax not matched for potassium chlorate	Calculated tax not matched for potassium chlorate sales tax calculated.
0154	Calculated tax not matched in 3rd schedule	Calculated tax not matched in 3rd schedule. Sale value according to rate doesn't match with calculated value according to retail price
0155	Please provide Value of Purchases	Value of Purchases cannot be null, please provide valid Value of Purchase



0156	Invalid NTN / Reg No. provided.	NTN/Reg. No is invalid/Null, please provide valid NTN/Reg. No.
0157	The Buyer is not registered for sales tax. Please provide a valid registration/NTN.	The Buyer is not registered for sales tax. Please provide valid Registration/NTN.
0158	Mismatch Buyer Registration No.	Buyer Reg No. doesn't match. Please provide valid Buyer Registration Number
0159	FTN holder as seller not allowed for purchases.	FTN Holder as Seller is not allowed for purchases
0160	Provide Buyer Name.	Buyer Name cannot be empty, please provide valid buyer name
0161	Invoice Date must be greater or equal to {0}	Invoice Date must be greater or equal to original sale invoice date
0162	Provide Sale Type.	Sale Type cannot be empty/Invalid, please provide valid Sale Type
0163	Selected Sale Type are not allowed to Manufacturer.	Provided Sale Type is not allowed for Manufacturer.
0164	For selected HSCode only KWH UOM is allowed.	For provided HS Code, only KWH UOM is allowed
0165	Provide UOM KG.	Please provide UOM in KG
0166	Please provide Quantity / Electricity Units	Quantity / Electricity Unit cannot be empty, please provide valid Quantity / Electricity Unit
0167	Provide Value of Sales Excl. ST	Value of Sales Excl. ST cannot be empty/Invalid, please provide valid Value of Sales Excl. ST
0168	Cotton Ginners allowed against registered buyers only.	Only cotton ginner purchase type is allowed for registered users.



0169	STWH can only be created for GOV/FTN Holders.	User is not FTN holder, STWH can only be created for GOV/FTN Holders without purchase invoice.
0170	If Value of Sales Excl. ST greater than {0}. Rate {1} not allowed.	If Value of Sales Excl. ST greater than 20000 than rate 5% is not allowed.
0171	You are not an EFS license holder who has imported Compressor Scrap in the last 12 months.	You are not an EFS license holder who has imported Compressor Scrap in the last 12 months.
0172	Petroleum Levy rates not configured properly.	Petroleum Levy rates not configured properly. Please update levy rates properly
0173	Alphanumeric and (-) contained invoice No. is allowed. (-) should be in between Alphanumeric string.	Invoice number is not valid, please provide valid invoice number in alphanumeric format. For example: Inv-001
0174	Please provide Sales Tax	Sales Tax cannot be empty, please provide valid Sales Tax
0175	Please provide Fixed / notified value or Retail Price	Fixed / notified value or Retail Price cannot be empty, please provide valid Fixed / notified value or Retail Price
0176	Please provide ST withheld at Source	ST withheld at Source cannot be empty, please provide valid ST withheld at Source
0177	Please provide Further Tax	Further Tax cannot be empty, please provide valid further tax



## 9. Scenarios for Sandbox Testing

Scenario	Description	Sale Type (Purchase type in case of Cotton Ginners)
SN001	Goods at standard rate to registered buyers	Goods at Standard Rate (default)
SN002	Goods at standard rate to unregistered buyers	Goods at Standard Rate (default)
SN003	Sale of Steel (Melted and Re-Rolled)	Steel Melting and re-rolling
SN004	Sale by Ship Breakers	Ship breaking
SN005	Reduced rate sale	Goods at Reduced Rate
SN006	Exempt goods sale	Exempt Goods
SN007	Zero rated sale	Goods at zero-rate
SN008	Sale of 3rd schedule goods	3rd Schedule Goods
SN009	Cotton Spinners purchase from Cotton Ginners (Textile Sector)	Cotton Ginners
SN010	Mobile Operators adds Sale (Telecom Sector)	Telecommunication services
SN011	Toll Manufacturing sale by Steel sector	Toll Manufacturing
SN012	Sale of Petroleum products	Petroleum Products
SN013	Electricity Supply to Retailers	Electricity Supply to Retailers
SN014	Sale of Gas to CNG stations	Gas to CNG stations
SN015	Sale of mobile phones	Mobile Phones
SN016	Processing / Conversion of Goods	Processing/ Conversion of Goods
SN017	Sale of Goods where FED is charged in ST mode	Goods (FED in ST Mode)
SN018	Sale of Services where FED is charged in ST mode	Services (FED in ST Mode)
SN019	Sale of Services	Services
SN020	Sale of Electric Vehicles	Electric Vehicle
SN021	Sale of Cement /Concrete Block	Cement /Concrete Block
SN022	Sale of Potassium Chlorate	Potassium Chlorate
SN023	Sale of CNG	CNG Sales
SN024	Goods sold that are listed in SRO 297(1)/2023	Goods as per SRO.297( )/2023
SN025	Drugs sold at fixed ST rate under serial 81 of Eighth Schedule Table 1	Non-Adjustable Supplies
SN026	Sale to End Consumer by retailers	Goods at Standard Rate (default)
SN027	Sale to End Consumer by retailers	3rd Schedule Goods
SN028	Sale to End Consumer by retailers	Goods at Reduced Rate



## 10. Applicable Scenarios based on Business Activity

Sr.	Business Activity	Sector	Scenarios
1	Manufacturer	All Other Sectors	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024
2	Manufacturer	Steel	SN003, SN004, SN011
3	Manufacturer	FMCG	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN008
4	Manufacturer	Textile	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN009
5	Manufacturer	Telecom	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN010
6	Manufacturer	Petroleum	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN012
7	Manufacturer	Electricity Distribution	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN013
8	Manufacturer	Gas Distribution	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN014
9	Manufacturer	Services	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN018, SN019
10	Manufacturer	Automobile	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN020
11	Manufacturer	CNG Stations	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN023
12	Manufacturer	Pharmaceuticals	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN025
13	Manufacturer	Wholesale / Retails	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN026, SN027, SN028, SN008
16	Importer	All Other Sectors	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024
17	Importer	Steel	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN003, SN004, SN011
18	Importer	FMCG	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN008
19	Importer	Textile	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN009
20	Importer	Telecom	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN010
21	Importer	Petroleum	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN012
22	Importer	Electricity Distribution	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN013



23	Importer	Gas Distribution	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN014
24	Importer	Services	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN018, SN019
25	Importer	Automobile	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN020
26	Importer	CNG Stations	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN023
27	Importer	Pharmaceuticals	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN025
28	Importer	Wholesale / Retails	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN026, SN027, SN028, SN008
31	Distributor	All Other Sectors	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN026, SN027, SN028, SN008
32	Distributor	Steel	SN003, SN004, SN011, SN026, SN027, SN028, SN008
33	Distributor	FMCG	SN008, SN026, SN027, SN028, SN008
34	Distributor	Textile	SN009, SN026, SN027, SN028, SN008
35	Distributor	Telecom	SN010, SN026, SN027, SN028, SN008
36	Distributor	Petroleum	SN012, SN026, SN027, SN028, SN008
37	Distributor	Electricity Distribution	SN013, SN026, SN027, SN028, SN008
38	Distributor	Gas Distribution	SN014, SN026, SN027, SN028, SN008
39	Distributor	Services	SN018, SN019, SN026, SN027, SN028, SN008
40	Distributor	Automobile	SN020, SN026, SN027, SN028, SN008
41	Distributor	CNG Stations	SN023, SN026, SN027, SN028, SN008
42	Distributor	Pharmaceuticals	SN025, SN026, SN027, SN028, SN008
43	Distributor	Wholesale / Retails	SN001, SN002, SN026, SN027, SN028, SN008
46	Wholesaler	All Other Sectors	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN026, SN027, SN028, SN008
47	Wholesaler	Steel	SN003, SN004, SN011, SN026, SN027, SN028, SN008
48	Wholesaler	FMCG	SN008, SN026, SN027, SN028, SN008
49	Wholesaler	Textile	SN009, SN026, SN027, SN028, SN008
50	Wholesaler	Telecom	SN010, SN026, SN027, SN028, SN008
51	Wholesaler	Petroleum	SN012, SN026, SN027, SN028, SN008
52	Wholesaler	Electricity Distribution	SN013, SN026, SN027, SN028, SN008
53	Wholesaler	Gas Distribution	SN014, SN026, SN027, SN028, SN008
54	Wholesaler	Services	SN018, SN019, SN026, SN027, SN028, SN008
55	Wholesaler	Automobile	SN020, SN026, SN027, SN028, SN008
56	Wholesaler	CNG Stations	SN023, SN026, SN027, SN028, SN008



57	Wholesaler	Pharmaceuticals	SN025, SN026, SN027, SN028, SN008
58	Wholesaler	Wholesale / Retails	SN001, SN002, SN026, SN027, SN028, SN008
61	Exporter	All Other Sectors	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024
62	Exporter	Steel	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN003, SN004, SN011
63	Exporter	FMCG	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN008
64	Exporter	Textile	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN009
65	Exporter	Telecom	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN010
66	Exporter	Petroleum	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN012
67	Exporter	Electricity Distribution	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN013
68	Exporter	Gas Distribution	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN014
69	Exporter	Services	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN018, SN019
70	Exporter	Automobile	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN020
71	Exporter	CNG Stations	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN023
72	Exporter	Pharmaceuticals	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN025
73	Exporter	Wholesale / Retails	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN026, SN027, SN028, SN008
76	Retailer	All Other Sectors	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN026, SN027, SN028, SN008
77	Retailer	Steel	SN003, SN004, SN011
78	Retailer	FMCG	SN026, SN027, SN028, SN008
79	Retailer	Textile	SN009, SN026, SN027, SN028, SN008
80	Retailer	Telecom	SN010, SN026, SN027, SN028, SN008
81	Retailer	Petroleum	SN012, SN026, SN027, SN028, SN008
82	Retailer	Electricity Distribution	SN013, SN026, SN027, SN028, SN008
83	Retailer	Gas Distribution	SN014, SN026, SN027, SN028, SN008
84	Retailer	Services	SN018, SN019, SN026, SN027, SN028, SN008
85	Retailer	Automobile	SN020, SN026, SN027, SN028, SN008
86	Retailer	CNG Stations	SN023, SN026, SN027, SN028, SN008



87	Retailer	Pharmaceuticals	SN025, SN026, SN027, SN028, SN008
88	Retailer	Wholesale / Retails	SN026, SN027, SN028, SN008
91	Service Provider	All Other Sectors	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN018, SN019
92	Service Provider	Steel	SN003, SN004, SN011, SN018, SN019
93	Service Provider	FMCG	SN008, SN018, SN019
94	Service Provider	Textile	SN009, SN018, SN019
95	Service Provider	Telecom	SN010, SN018, SN019
96	Service Provider	Petroleum	SN012, SN018, SN019
97	Service Provider	Electricity Distribution	SN013, SN018, SN019
98	Service Provider	Gas Distribution	SN014, SN018, SN019
99	Service Provider	Services	SN018, SN019
100	Service Provider	Automobile	SN020, SN018, SN019
101	Service Provider	CNG Stations	SN023, SN018, SN019
102	Service Provider	Pharmaceuticals	SN025, SN018, SN019
103	Service Provider	Wholesale / Retails	SN026, SN027, SN028, SN008, SN018, SN019
106	Other	All Other Sectors	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024
107	Other	Steel	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN003, SN004, SN011
108	Other	FMCG	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN008
109	Other	Textile	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN009
110	Other	Telecom	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN010
111	Other	Petroleum	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN012
112	Other	Electricity Distribution	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN013



113	Other	Gas Distribution	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN014
114	Other	Services	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN018, SN019
115	Other	Automobile	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN020
116	Other	CNG Stations	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN023
117	Other	Pharmaceuticals	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN025
118	Other	Wholesale / Retails	SN001, SN002, SN005, SN006, SN007, SN015, SN016, SN017, SN021, SN022, SN024, SN026, SN027, SN028, SN008