

PostInvoicecXml (POST)

Overview

This POST API allows pushing Invoice posted in ERP into SMART by GEP for further processing.

URL Format: <https://<Instance>/SmartInterfaceAPI/api/Invoice /InvoiceDetails>

Request

```
{
  "basicDetails": {
    "documentName": "string",
    "documentNumber": "string",
    "documentStatus": "string",
    "documentDescription": "string",
    "documentCreator": "string",
    "createdOn": "string",
    "documentBu": [
      {
        "entityCode": "string",
        "isDefault": true,
        "entityType": "string",
        "lobEntityCode": "string"
      }
    ],
    "documentLobDetails": [
      {
        "entityCode": "string",
        "isDefault": true,
        "entityType": "string",
        "lobEntityCode": "string"
      }
    ]
  }
}
```

```
    }
  ],
  "operationName": "string"
},
"partnerInvoiceNumber": "string",
"clientPartnerCode": "string",
"supplierId": "string",
"businessUnitName": "string",
"partnerName": "string",
"partnerInvoiceDate": "2020-04-06T13:42:28.166Z",
"orderNumber": "string",
"shiptoLocation": {
  "locationName": "string",
  "locationNumber": "string",
  "address": {
    "addressline1": "string",
    "addressline2": "string",
    "addressline3": "string",
    "city": "string",
    "zipCode": "string",
    "stateInfo": {
      "stateAbbrevationCode": "string",
      "stateName": "string"
    },
    "countryInfo": {
      "countryCode": "string",
      "countryName": "string"
    },
  },
  "phoneNo1": "string",
  "extenstionNo1": "string",
  "phoneNo2": "string",
  "extenstionNo2": "string",
  "mobileNo": "string",
  "faxNo": "string",
}
```

```
    "county": "string",
    "poBoxNumber": "string",
    "isdCode": "string",
    "geoCode": "string",
    "areaCode": "string",
    "createdOn": "2020-04-06T13:42:28.166Z"
  },
  "clientLocationCode": "string"
},
"matchStatus": "string",
"billtoLocation": {
  "locationName": "string",
  "locationNumber": "string",
  "address": {
    "addressline1": "string",
    "addressline2": "string",
    "addressline3": "string",
    "city": "string",
    "zipCode": "string",
    "stateInfo": {
      "stateAbbrevationCode": "string",
      "stateName": "string"
    },
    "countryInfo": {
      "countryCode": "string",
      "countryName": "string"
    },
    "phoneNo1": "string",
    "extenstionNo1": "string",
    "phoneNo2": "string",
    "extenstionNo2": "string",
    "mobileNo": "string",
    "faxNo": "string",
    "county": "string",
```

```
    "poBoxNumber": "string",
    "isdCode": "string",
    "geoCode": "string",
    "areaCode": "string",
    "createdOn": "2020-04-06T13:42:28.166Z"
  },
  "clientLocationCode": "string"
},
"orderTotal": 0,
"fileDetail": {
  "fileName": "string",
  "fileUri": "string",
  "attachmentData": "string"
},
"headerEntities": [
  {
    "entityCode": "string",
    "isDefault": true,
    "entityType": "string",
    "lobEntityCode": "string"
  }
],
"invoiceOrigin": "string",
"receivedDate": "2020-04-06T13:42:28.166Z",
"invoiceTotalAmount": 0,
"orderContactDetails": {
  "clientContactCode": "string",
  "emailAddress": "string",
  "firstName": "string",
  "lastName": "string"
},
"orderingLocation": {
  "locationName": "string",
  "locationNumber": "string",
```

```
"address": {
  "addressline1": "string",
  "addressline2": "string",
  "addressline3": "string",
  "city": "string",
  "zipCode": "string",
  "stateInfo": {
    "stateAbbrevationCode": "string",
    "stateName": "string"
  },
  "countryInfo": {
    "countryCode": "string",
    "countryName": "string"
  },
  "phoneNo1": "string",
  "extenstionNo1": "string",
  "phoneNo2": "string",
  "extenstionNo2": "string",
  "mobileNo": "string",
  "faxNo": "string",
  "county": "string",
  "poBoxNumber": "string",
  "isdCode": "string",
  "geoCode": "string",
  "areaCode": "string",
  "createdOn": "2020-04-06T13:42:28.166Z"
},
"clientLocationCode": "string"
},
"isPCardSupported": true,
"invoiceType": "string",
"purchaseTypeDescription": "string",
"buyerVatNumber": "string",
"billable": true,
```

```
"totalAllowance": 0,
"isMultiDocInvoice": true,
"scheduledPaymentDate": "2020-04-06T13:42:28.166Z",
"currency": "string",
"itemTotalAmount": 0,
"tax": 0,
"shipping": 0,
"additionalCharges": 0,
"taxesAndCharges": [
  {
    "taxDescription": "string",
    "taxMode": "string",
    "taxValue": 0,
    "taxPercentage": 0,
    "taxCode": "string",
    "isAccrueTax": true,
    "defaultCurrencyCode": "string"
  }
],
"comments": [
  {
    "commentText": "string",
    "accessType": "string",
    "commentAttachment": [
      {
        "fileName": "string",
        "fileUri": "string"
      }
    ]
  }
],
"workOrderNumber": "string",
"erpOrderType": "string",
"budgetDescription": "string",
```

```
"paymentTermsDetails": {
  "noOfDays": 0,
  "discount": 0,
  "discountDays": 0,
  "paymentTermCode": "string",
  "paymentTermName": "string",
  "isDefault": true,
  "createdOn": "2020-04-06T13:42:28.166Z"
},
"supplierIdentificationValue": "string",
"customAttributes": [
  {
    "questionnaireTitle": "string",
    "questionnaireResponseValues": [
      {
        "childQuestionSets": [
          null
        ],
        "columnText": "string",
        "responseValue": "string",
        "rowId": "string"
      }
    ]
  }
],
"sourceSystemName": "string",
"totalAmount": 0,
"isMemo": true,
"remitToLocation": {
  "locationName": "string",
  "locationNumber": "string",
  "address": {
    "addressline1": "string",
    "addressline2": "string",
```

```
"addressline3": "string",
"city": "string",
"zipCode": "string",
"stateInfo": {
  "stateAbbrevationCode": "string",
  "stateName": "string"
},
"countryInfo": {
  "countryCode": "string",
  "countryName": "string"
},
"phoneNo1": "string",
"extenstionNo1": "string",
"phoneNo2": "string",
"extenstionNo2": "string",
"mobileNo": "string",
"faxNo": "string",
"county": "string",
"poBoxNumber": "string",
"isdCode": "string",
"geoCode": "string",
"areaCode": "string",
"createdOn": "2020-04-06T13:42:28.166Z"
},
"registrationDetails": [
  {
    "companyIdentificationDisplayName": "string",
    "companyIdentification": "string"
  }
]
},
"supplierContact": {
  "clientContactCode": "string",
  "emailAddress": "string",
```



```
    "firstName": "string",
    "lastName": "string"
  },
  "buyerContact": {
    "clientContactCode": "string",
    "emailAddress": "string",
    "firstName": "string",
    "lastName": "string"
  },
  "isBackInvoice": true,
  "paymentType": "string",
  "invoiceItems": [
    {
      "itemLineNumber": 0,
      "poLineItemNumber": 0,
      "description": "string",
      "unitPrice": 0,
      "quantity": 0,
      "uom": "string",
      "standardUom": "string",
      "totalAllowance": 0,
      "orderNumber": "string",
      "orderingLocation": {
        "id": 0,
        "number": "string",
        "addressInfo": {
          "addressline1": "string",
          "addressline2": "string",
          "addressline3": "string",
          "city": "string",
          "zipCode": "string",
          "stateInfo": {
            "stateAbbreviationCode": "string",
            "stateName": "string"
          }
        }
      }
    }
  ]
}
```

```
    },
    "countryInfo": {
      "countryCode": "string",
      "countryName": "string"
    },
    "phoneNo1": "string",
    "extenstionNo1": "string",
    "phoneNo2": "string",
    "extenstionNo2": "string",
    "mobileNo": "string",
    "faxNo": "string",
    "county": "string",
    "poBoxNumber": "string",
    "isdCode": "string",
    "geoCode": "string",
    "areaCode": "string",
    "createdOn": "2020-04-06T13:42:28.166Z"
  }
},
"externalTax": 0,
"externalTaxes": [
  {
    "taxCode": "string",
    "taxType": "string",
    "taxMode": "string",
    "taxValue": 0,
    "taxRate": 0,
    "authorityName": "string",
    "taxAddress": {
      "addressline1": "string",
      "addressline2": "string",
      "addressline3": "string",
      "city": "string",
      "zipCode": "string",
```

```
    "stateInfo": {
      "stateAbbreviationCode": "string",
      "stateName": "string"
    },
    "countryInfo": {
      "countryCode": "string",
      "countryName": "string"
    },
    "phoneNo1": "string",
    "extenstionNo1": "string",
    "phoneNo2": "string",
    "extenstionNo2": "string",
    "mobileNo": "string",
    "faxNo": "string",
    "county": "string",
    "poBoxNumber": "string",
    "isdCode": "string",
    "geoCode": "string",
    "areaCode": "string",
    "createdOn": "2020-04-06T13:42:28.166Z"
  },
  "locationCode": "string",
  "taxRateCode": "string",
  "effectiveTaxLevel": "string",
  "officialName": "string",
  "taxBase": "string"
}
],
"manufacturerName": "string",
"manufacturerPartNumber": "string",
"itemType": "string",
"matchStatus": "string",
"itemExtendedType": "string",
"documentItemShippingDetails": [
```

```
{
  "shiptoLocation": {
    "locationName": "string",
    "locationNumber": "string",
    "address": {
      "addressline1": "string",
      "addressline2": "string",
      "addressline3": "string",
      "city": "string",
      "zipCode": "string",
      "stateInfo": {
        "stateAbbreviationCode": "string",
        "stateName": "string"
      },
      "countryInfo": {
        "countryCode": "string",
        "countryName": "string"
      },
      "phoneNo1": "string",
      "extensionNo1": "string",
      "phoneNo2": "string",
      "extensionNo2": "string",
      "mobileNo": "string",
      "faxNo": "string",
      "county": "string",
      "poBoxNumber": "string",
      "isdCode": "string",
      "geoCode": "string",
      "areaCode": "string",
      "createdOn": "2020-04-06T13:42:28.166Z"
    },
    "registrationDetails": [
      {
        "companyIdentificationDisplayName": "string",
```

```
        "companyIdentification": "string"
    }
]
},
"delivertoLocation": {
    "locationName": "string",
    "locationNumber": "string",
    "address": {
        "addressline1": "string",
        "addressline2": "string",
        "addressline3": "string",
        "city": "string",
        "zipCode": "string",
        "stateInfo": {
            "stateAbbreviationCode": "string",
            "stateName": "string"
        },
        "countryInfo": {
            "countryCode": "string",
            "countryName": "string"
        },
        "phoneNo1": "string",
        "extenstionNo1": "string",
        "phoneNo2": "string",
        "extenstionNo2": "string",
        "mobileNo": "string",
        "faxNo": "string",
        "county": "string",
        "poBoxNumber": "string",
        "isdCode": "string",
        "geoCode": "string",
        "areaCode": "string",
        "createdOn": "2020-04-06T13:42:28.166Z"
    },
}
```

```
        "registrationDetails": [
            {
                "companyIdentificationDisplayName": "string",
                "companyIdentification": "string"
            }
        ],
        "shippingMethod": "string"
    }
],
"efforts": 0,
"startDate": "2020-04-06T13:42:28.166Z",
"endDate": "2020-04-06T13:42:28.166Z",
"additionalCharges": 0,
"shippingCharges": 0,
"tax": 0,
"itemTotalAmount": 0,
"billable": "string",
"buyerItemNumber": "string",
"supplierPartId": "string",
"supplierPartAuxiliaryId": "string",
"taxes": [
    {
        "taxDescription": "string",
        "taxMode": "string",
        "taxValue": 0,
        "taxPercentage": 0,
        "taxCode": "string",
        "isAccrueTax": true,
        "defaultCurrencyCode": "string"
    }
],
"customAttributes": [
    {
```

```
"questionnaireTitle": "string",
"questionnaireResponseValues": [
  {
    "childQuestionSets": [
      null
    ],
    "columnText": "string",
    "responseValue": "string",
    "rowId": "string"
  }
],
"comments": [
  {
    "commentText": "string",
    "accessType": "string",
    "commentAttachment": [
      {
        "fileName": "string",
        "fileUri": "string"
      }
    ]
  }
],
"matchType": "string",
"isTaxExempt": true,
"fulfilmentDocumentNumber": "string",
"fulfilmentDocumentType": "string",
"fulfillmentDocumentLineNumber": "string",
"clientCategoryId": "string",
"adjustmentType": 0,
"itemSplitsDetails": [
  {
```

```
"documentSplitItemEntities": [
  {
    "entityType": "string",
    "entityCode": "string",
    "entityDisplayName": "string",
    "createdOn": "2020-01-21T07:59:48.046Z"
  }
],
"SplitItemTotal": 0,
"Tax": 0,
"ShippingCharges": 0,
"AdditionalCharges": 0,
"customAttributes": [
  {
    "questionnaireTitle": "string",
    "questionnaireResponseValues": [
      {
        "childQuestionSets": [
          null
        ],
        "columnText": "string",
        "responseValue": "string",
        "rowId": "string"
      }
    ]
  }
]
}
]
```


Response

```
{
  "data": {},
  "statusCode": "string",
  "errorDetails": [
    {
      "key": "string",
      "errors": [
        {
          "errorCode": "string",
          "errorDescription": "string"
        }
      ]
    }
  ],
  "successDetails": [
    {
      "key": "string"
    }
  ]
}
```

Data Elements

BasicDetails				
Property	Required?	Data type	Description	Validations/Exceptions
DocumentName	No	String	DocumentName	
DocumentNumber	No	String	DocumentNumber	
DocumentStatus	No	String	DocumentStatus	
DocumentDescription	No	String	DocumentDescription	
DocumentCreator	Yes	String	Client Contact Code	<ul style="list-style-type: none"> Order and Invoice Vendor mismatch Invoice Vendor (Client Partner Code) (Source System Name) does not match with order vendor
CreatedOn	No	String	Date Time of Document	
DocumentBu	No	List of OrgEntity	DocumentBu	
DocumentLobDetails	No	List of OrgEntity	Document Lob Details	
operationName	Yes	String	New / Update	<ul style="list-style-type: none"> Operation is mandatory

Invoice				
Property	Required?	Data type	Description	Validations/Exceptions
IsMultiDocInvoice	No	Boolean	IsMultiDocInvoice	
ScheduledPaymentDate	No	DateTime	ScheduledPaymentDate	
Currency	Yes	String	Currency	<ul style="list-style-type: none"> Currency is mandatory Currency Code () is invalid Invoice currency code () does not match with order currency code
ItemTotalAmount	yes	Decimal	ItemTotalAmount	<ul style="list-style-type: none"> Charge Amount () cannot be greater than or equal to Invoice Total Amount
Tax	Yes	Decimal	Tax	<ul style="list-style-type: none"> Tax cannot be negative
Shipping	Yes	String	Shipping	<ul style="list-style-type: none"> Shipping charges cannot be negative
AdditionalCharges	Yes	DateTime	AdditionalCharges	<ul style="list-style-type: none"> Additional charges cannot be negative

TaxesAndCharges	Yes	List of TaxesandCharge object	TaxesAndCharges	<ul style="list-style-type: none"> Tax Values are not matching at Line Item Number
Comments	No	List of InterfaceComment object	Comments	
WorkOrderNumber	No	String	WorkOrderNumber	
ErpOrderType	No	String	ErpOrderType	
BudgetDescription	No	String	BudgetDescription	
PaymentTermsDetails	No	List of PaymentTermsDetails object	PaymentTermsDetails	
SupplierIdentificationValue	No	String	SupplierIdentificationValue	
CustomAttributes	Yes	List of CustomAttribute object	CustomAttributes	
SourceSystemName	No	String	SourceSystemName	
TotalAmount	No	Long	TotalAmount	
TotalAllowance	No	Decimal	TotalAllowance	
Billable	No	Boolean	Billable	
PartnerInvoiceNumber	Yes	String	PartnerInvoiceNumber	<ul style="list-style-type: none"> Invoice Number is mandatory Partner Invoice Number is duplicate Partner Invoice Number is mandatory
PartnerName	No	String	PartnerName	<ul style="list-style-type: none">
PartnerInvoiceDate	Yes	Datetime	PartnerInvoiceDate	<ul style="list-style-type: none"> Partner Invoice Date is invalid Partner Invoice Date () is invalid
OrderNumber	Yes	String	OrderNumber	<ul style="list-style-type: none"> Invalid Order
ShiptoLocation	No	List of InterfaceShiptoLocation object	ShiptoLocation	<ul style="list-style-type: none"> Ship to Location is not sent
MatchStatus	No	String	MatchStatus	
BilltoLocation	No	List of InterfaceBilltoLocation object	BilltoLocation	
InvoiceItems	Yes	List of InterfaceInvoiceItem object	InvoiceItems	
supplierId	No	String	supplierId	
OrderTotal	No	Decimal	OrderTotal	
FileDetail	No	List of FileDetail object	FileDetail	
InvoiceOrigin	Yes	String	InvoiceOrigin	<ul style="list-style-type: none"> Invoice Origin is mandatory
ReceivedDate	No	Datetime	ReceivedDate	<ul style="list-style-type: none"> Invoice received date () is invalid
InvoiceTotalAmount	Yes	Decimal	InvoiceTotalAmount	<ul style="list-style-type: none"> Total calculation is incorrect Invoice Total is not sent

				<ul style="list-style-type: none"> Zero Dollar Invoice
OrderContactDetails	No	List of InterfaceBuyerContact object	OrderContactDetails	
OrderingLocation	No	List of InterfaceLocation object	OrderingLocation	
IsPCardSupported	No	Boolean	IsPCardSupported	
InvoiceType	No	String	InvoiceType	
PurchaseTypeDescription	No	String	PurchaseTypeDescription	
BuyerVatNumber	No	String	BuyerVatNumber	
IsMemo	No	Boolean	IsMemo	
RemitToLocation	Yes	List of InterfaceLocation object	RemitToLocation	<ul style="list-style-type: none"> Invoice Remit to Location is mandatory
SupplierContact	Yes	List of InterfaceBuyerContact object	SupplierContact	
BuyerContact		List of InterfaceBuyerContact object	BuyerContact	
ClientPartnerCode	yes	String	ClientPartnerCode	<ul style="list-style-type: none"> Supplier (Client Partner Code) does not exists No Vendor sent Vendor is mandatory Vendor () is invalid
IsBackInvoice	No	Boolean	IsBackInvoice	
IsLineLevelUpdate	No	Boolean	IsLineLevelUpdate	
PaymentType	No	String	PaymentType	

TaxesandCharges				
Property	Required?	Data type	Description	Validations/Exceptions
TaxDescription	No	String	TaxDescription	
TaxMode	No	Boolean	TaxMode	<ul style="list-style-type: none"> Invalid tax mode for Item No: ()
TaxValue	No	String	TaxValue	
TaxPercentage	No	String	TaxPercentage	
TaxCode	No	String	TaxCode	<ul style="list-style-type: none"> The tax code(s) are not Valid Tax is available at line level
IsAccrueTax	No	String	IsAccrueTax	
DefaultCurrencyCode	No	String	DefaultCurrencyCode	

Comments				
Property	Required?	Data type	Description	Validations/Exceptions
CommentText	No	String	CommentText	

CommentAttachment	No	List of InterfaceCommentAttachment object	CommentAttachment	
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CommentAttachment				
Property	Required?	Data type	Description	Validations/Exceptions
FileName	No	String	FileName	
FileUri	No	String	FileUri	

PaymentTermsDetails				
Property	Required?	Data type	Description	Validations/Exceptions
NoOfDays	No	Long	NoOfDays	
Discount	No	Decimal	Discount	
DiscountDays	No	Long	DiscountDays	
PaymentTermCode	No	String	PaymentTermCode	<ul style="list-style-type: none"> Payment Term (Payment Term Code) is invalid Invoice Payment Term does not match with orders Payment Term
PaymentTermName	No	String	PaymentTermName	
IsDefault	No	Boolean	IsDefault	

DocumentLobDetails				
Property	Required?	Data type	Description	Validations/Exceptions
EntityDetailCode	No	String	EntityDetailCode	
EntityCode	No	Boolean	EntityCode	
EntityDisplayName	No	String	EntityDisplayName	
EntityId	No	String	EntityId	

ItemSplitsDetails				
Property	Required?	Data type	Description	Validations/Exceptions
DocumentSplitItemEntities	No	List of InterfaceDocumentSplitItemEntity object	DocumentSplitItemEntities	
SplitItemTotal	Yes	Decimal	SplitItemTotal	Split Total for Item No: () cannot be negative
Tax	No	Decimal	Tax	
ShippingCharges	yes	Decimal	ShippingCharges	Shipping Charges cannot be negative

AdditionalCharges	Yes	Decimal	AdditionalCharges	Additional Charges cannot be negative
CustomAttributes	No	List of CustomAttribute object	CustomAttributes	

DocumentSplitItemEntities				
Property	Required?	Data type	Description	Validations/Exceptions
EntityType	No	String	EntityType	<ul style="list-style-type: none"> It has duplicate Accounting entity for Item No:
EntityCode	No	String	EntityCode	<ul style="list-style-type: none"> There was an error in processing the Invoice as the item(s) :() has invalid Accounting entity code
EntityDisplayName	No	String	EntityDisplayName	

CustomAttributes				
Property	Required?	Data type	Description	Validations/Exceptions
QuestionnaireTitle	No	String	QuestionnaireTitle	<ul style="list-style-type: none"> Custom Fields Key text is empty at header
QuestionnaireResponseValues	No	List of QuestionnaireResponse Value object	QuestionnaireResponseValues	<ul style="list-style-type: none"> Custom Fields Key-Value's Row Id and Column text is missing at header

QuestionNaireResponseValue				
Property	Required?	Data type	Description	Validations/Exceptions
ChildQuestionSets	No	List of CustomAttribute object	ChildQuestionSets	
ColumnText	No	String	ColumnText	<ul style="list-style-type: none"> Custom Fields Key text is empty at header Custom Fields Key-Value's Column Text is missing at header
ResponseValue	No	String	ResponseValue	
RowId	No	String	RowId	<ul style="list-style-type: none"> Custom Fields Key-Value's Row Id and Column text is missing at header Custom Fields Key-Value's Row Id is missing at header Custom Fields Key-Value's Row Id is missing/ invalid at header

ChargeDetails				
Property	Required?	Data type	Description	Validations/Exceptions
ChargeName	No	String	ChargeName	<ul style="list-style-type: none"> Invalid Items Invalid Charge Name for Charge Amount () Invalid Items: Invalid Charge Name For below line items
ChargeDescription	No	String	ChargeDescription	
IsAllowance	No	Boolean	IsAllowance	
IsIncludeForTax	No	Boolean	IsIncludeForTax	
IsEditableOnInvoice	No	Boolean	IsEditableOnInvoice	

ShiptoLocation				
Property	Required?	Data type	Description	Validations/Exceptions
ShiptoLocationName	No	String	ShiptoLocationName	<ul style="list-style-type: none"> Invalid Ship to Location
ShiptoLocationNumber	No	String	ShiptoLocationNumber	<ul style="list-style-type: none"> Ship To Location () is invalid
Address	No	List of InterfaceAddress object	Address	
TelephoneNumber	No		TelephoneNumber	
RegistrationDetails	No	List of PartnerWiseldentification Detail object	RegistrationDetails	

Address				
Property	Required?	Data type	Description	Validations/Exceptions
IsdCode	No	String	IsdCode	
PoBoxNumber	No	String	PoBoxNumber	
County	No	String	County	
FaxNo	No	String	FaxNo	
MobileNo	No	String	MobileNo	
ExtensionNo2	No	String	ExtensionNo2	
PhoneNo2	No	String	PhoneNo2	
GeoCode	No	String	GeoCode	
ExtensionNo1	No	String	ExtensionNo1	
CountryInfo	No	List of InterfaceCountryInfo object	CountryInfo	
StateInfo	No	List of InterfaceStateInfo object	StateInfo	
ZipCode	No	String	ZipCode	

City	No	String	City	
Addressline3	No	String	Addressline3	
Addressline2	No	String	Addressline2	
Addressline1	No	String	Addressline1	
PhoneNo1	No	String	PhoneNo1	
AreaCode	No	String	AreaCode	

CountryInfo				
Property	Required?	Data type	Description	Validations/Exceptions
CountryCode	No	String	CountryCode	
CountryName	No	String	CountryName	

StateInfo				
Property	Required?	Data type	Description	Validations/Exceptions
StateAbbrevationCode	No	String	StateAbbrevationCode	
StateName	No	String	StateName	

RegistrationDetails				
Property	Required?	Data type	Description	Validations/Exceptions
CompanyIdentificationDisplayname	No	String	CompanyIdentificationDisplayName	
CompanyIdentification	No	String	CompanyIdentification	

BilltoLocation				
Property	Required?	Data type	Description	Validations/Exceptions
BilltoLocationName	No	String	BilltoLocationName	
BilltoLocationNumber	No	String	BilltoLocationNumber	
Address	No	List of InterfaceAddress object	Address	
IsAdhoc	No	Boolean	IsAdhoc	
RegistrationDetails	No	List of PartnerWiseldentification Detail object	RegistrationDetails	

Invoiceltems				
Property	Required?	Data type	Description	Validations/Exceptions
ShippingCharges	No	Decimal	ShippingCharges	

Tax	No	Decimal	Tax	<ul style="list-style-type: none"> Tax for Item No: () cannot be negative
ItemTotalAmount	No	Decimal	ItemTotalAmount	<ul style="list-style-type: none"> Sub total Amount for Item No: () cannot be of zero value Invalid Items Charge Amount cannot be greater than or equal to Invoice Line Item total for below line Number(s): ()
Billable	No	String	Billable	<ul style="list-style-type: none">
ItemLineNumber	No	Long	ItemLineNumber	<ul style="list-style-type: none"> Invoice Line Number for Item No: () is not a unique Invoice Line Number length is greater than 9 digits for Item No: () Invoice item () is closed for invoicing Length of item line number cannot be greater than 9 digits
SupplierPartId	No	String	SupplierPartId	
SupplierPartAuxiliaryId	No	String	SupplierPartAuxiliaryId	
Taxes	No	List of TaxesandCharge object	Taxes	
CustomAttributes	No	List of CustomAttribute object	CustomAttributes	
Comments	No	List of InterfaceComment object	Comments	
MatchType	No	String	MatchType	
IsTaxExempt	No	Boolean	IsTaxExempt	
FulfilmentDocumentNumber	No	String	FulfilmentDocumentNumber	
FulfilmentDocumentType	No	String	FulfilmentDocumentType	
FulfilmentDocumentLineNumber	No	String	FulfilmentDocumentLineNumber	
AdditionalCharges	No	Decimal	AdditionalCharges	<ul style="list-style-type: none"> Additional charges cannot be negative for item
ClientCategoryId	No	String	ClientCategoryId	<ul style="list-style-type: none"> Invalid Items () has invalid Client Category Code
EndDate	No	DateTime	EndDate	
Efforts	No	Decimal	Efforts	
ItemStatus	No	String	ItemStatus	<ul style="list-style-type: none"> Invalid Status for Item Line Number(s): ()
ItemSplitsDetails	No	List of ItemSplitsDetail object	ItemSplitsDetails	
PoLineItemNumber	No	Long	PoLineItemNumber	

TotalAllowance	No	Decimal	TotalAllowance	
OrderNumber	No	String	OrderNumber	<ul style="list-style-type: none"> Order is not in valid status for invoicing
OrderingLocation	No	OrderingLocation object	OrderingLocation	
ExternalTax	No	Decimal	ExternalTax	
ExternalTaxes	No	List of ExternalTax object	ExternalTaxes	
Description		String	Description	
UnitPrice	Yes	Decimal	UnitPrice	<ul style="list-style-type: none"> Unit Price is mandatory for Item No: () Unit Price sign cannot be changed for Item
Quantity	Yes	Decimal	Quantity	<ul style="list-style-type: none"> Quantity is mandatory for Item No: () Quantity cannot be of Zero Value for Item No: () Quantity sign cannot be changed for Item
Uom	Yes	String	Uom	<ul style="list-style-type: none"> UOM is mandatory for Item No: () Invoice line number () AS VARCHAR (20)) + ' has invalid UOM code
StandardUom	No	String	StandardUom	
ManufacturerName	No	String	ManufacturerName	
ManufacturerPartNumber	No	String	ManufacturerPartNumber	
ItemType	No	String	ItemType	<ul style="list-style-type: none"> ItemType For Item No: () is not a valid Item Type
ItemExtendedType	No	String	ItemExtendedType	<ul style="list-style-type: none"> Item Extended Type for Item No: () cannot be other than Fixed or Variable Item Extended Type for Item No:()is not valid for Service Line Item Item Extended Type for Item No () is not valid for Material Line Item
DocumentItemShippingDetails	No	List of InterfaceDocumentItemShippingDetail object	DocumentItemShippingDetails	
StartDate	No	DateTime	StartDate	
AdjustmentType	No	Int	AdjustmentType	

ExternalTaxes				
Property	Required?	Data type	Description	Validations/Exceptions
TaxCode	No	String	TaxCode	
TaxType	No	String	TaxType	
TaxMode	No	String	TaxMode	
TaxValue	No	Decimal	TaxValue	
TaxRate	No	Decimal	TaxRate	
AuthorityName	No	String	AuthorityName	
Address	No	InterfaceAddress object	TaxAddress	
LocationCode	No	String	LocationCode	
TaxRateCode	No	String	TaxRateCode	
EffectiveTaxLevel	No	String	EffectiveTaxLevel	
OfficialName	No	String	OfficialName	
TaxBase	No	String	TaxBase	

DocumentItemShippingDetail				
Property	Required?	Data type	Description	Validations/Exceptions
ShiptoLocation	No	InterfaceShiptoLocation object	ShiptoLocation	
DelivertoLocation	No	InterfaceDelivertoLocation object	DelivertoLocation	
ShippingMethod	No	string	ShippingMethod	

DelivertoLocation				
Property	Required?	Data type	Description	Validations/Exceptions
DelivertoLocationName	No	string	DelivertoLocationName	
DelivertoLocationNumber	No	string	DelivertoLocationNumber	
Address	No	InterfaceAddress Object	Address	
DeliverTo	No	string	DeliverTo	
RegistrationDetails	No	List of PartnerWiseldentification Detail object	RegistrationDetails	

FileDetail				
Property	Required?	Data type	Description	Validations/Exceptions
FileName	No	String	FileName	
FileUri	No	String	FileUri	
AttachmentData	No	String	AttachmentData	

OrderContactDetails				
Property	Required?	Data type	Description	Validations/Exceptions
Address	No	InterfaceAddress object	Address	
ClientContactCode	No	String	ClientContactCode	<ul style="list-style-type: none"> The Invoice Header Entity and Contact Code () should be mapped to same LOB. Requester () is invalid
EmailAddress	No	String	EmailAddress	
FirstName	No	String	FirstName	
LastName	No	String	LastName	

OrderingLocation				
Property	Required?	Data type	Description	Validations/Exceptions
LocationName	No	String	LocationName	
Address	No	Interface Address Object	Address	
ClientLocationCode	No	String	ClientLocationCode	

Examples

Success Scenario - Request

Request below describes that this contains only the mandatory attributes:

```
{
  "BasicDetails": {
    "DocumentCreator": "USKJXK93",
    "CreatedOn": "2020-04-01T18:48:32.653+00:00",
    "DocumentBu": [],
    "DocumentLobDetails": [
      {
        "EntityCode": "KNA-SAP",
        "IsDefault": false
      }
    ]
  }
}
```

```
    ],
    "OperationName": "new"
  },
  "PartnerInvoiceNumber": "INV_170420_AK1_Accounting3",
  "ClientPartnerCode": "0080005119",
  "PartnerName": "SOUND RESEARCH",
  "PartnerInvoiceDate": "2020-04-01T18:48:32.807+00:00",
  "OrderNumber": "PO75772655-001",
  "ShiptoLocation": {
    "LocationNumber": "0000023617"
  },
  "BilltoLocation": {
    "LocationName": "GBS Center",
    "LocationNumber": "NUNA",
    "Address": {
      "Addressline1": "PO Box 8881011",
      "City": "Grand Rapids",
      "ZipCode": "49588",
      "StateInfo": {
        "StateAbbrevationCode": "MI"
      },
      "CountryInfo": {
        "CountryCode": "US",
        "CountryName": "United States"
      },
      "CreatedOn": "0001-01-01T00:00:00"
    }
  },
  "OrderTotal": 0,
  "HeaderEntities": [
    {
      "EntityCode": "NUNA",
      "IsDefault": false
    }
  ]
}
```

```
],
"InvoiceOrigin": "buyer",
"ReceivedDate": "2020-04-01T18:48:32.807+00:00",
"InvoiceTotalAmount": 460,
"OrderContactDetails": {
  "EmailAddress": "123@gep.com",
  "FirstName": "Kellogg",
  "LastName": "Admin"
},
"OrderingLocation": {
  "LocationName": "SOUND RESEARCH",
  "Address": {
    "Addressline1": "250-49 DUNLEVY AVENUE",
    "Addressline2": "",
    "Addressline3": "",
    "City": "VANCOUVER",
    "ZipCode": "V6A 3A3",
    "StateInfo": {
      "StateAbbrevationCode": "BC"
    },
    "CountryInfo": {
      "CountryCode": "CA"
    },
    "CreatedOn": "0001-01-01T00:00:00"
  },
  "ClientLocationCode": "0080000010-0080000010"
},
"IsPCardSupported": false,
"InvoiceType": "Normal",
"PurchaseTypeDescription": "Standard",
"Billable": false,
"TotalAllowance": 0,
"IsMultiDocInvoice": false,
"ScheduledPaymentDate": "0001-01-01T00:00:00",
```

```
"Currency": "USD",
"ItemTotalAmount": 360,
"Tax": 100,
"Shipping": 0,
"AdditionalCharges": 0,
"TaxesAndCharges": [],
"Comments": [],
"WorkOrderNumber": "0",
"PaymentTermsDetails": {
  "NoOfDays": 0,
  "Discount": 0,
  "DiscountDays": 0,
  "PaymentTermCode": "NT75",
  "IsDefault": false,
  "CreatedOn": "0001-01-01T00:00:00"
},
"CustomAttributes": [],
"SourceSystemName": "KNA-SAP",
"TotalAmount": 0,
"IsMemo": false,
"RemitToLocation": {
  "LocationName": "SOUND RESEARCH",
  "LocationNumber": "0080005119-0050003639",
  "Address": {
    "Addressline1": "250-49 DUNLEVY AVENUE",
    "City": "VANCOUVER",
    "ZipCode": "V6A 3A3",
    "StateInfo": {
      "StateAbbreviationCode": "BC"
    },
  },
  "CountryInfo": {
    "CountryCode": "CA",
    "CountryName": "Canada"
  },
},
```

```
    "PhoneNo1": "(604) 732-1090",
    "PhoneNo2": "",
    "FaxNo": "(604) 732-1096",
    "CreatedOn": "0001-01-01T00:00:00"
  },
  "RegistrationDetails": []
},
"SupplierContact": {
  "EmailAddress": "123@gep.com",
  "FirstName": "David",
  "LastName": "Katz"
},
"BuyerContact": {
  "EmailAddress": "123@gep.com"
},
"IsBackInvoice": false,
"InvoiceItems": [
  {
    "ItemLineNumber": 1,
    "PoLineItemNumber": 1,
    "Description": "wiufhiu",
    "UnitPrice": 120,
    "Quantity": 1,
    "Uom": "EA",
    "TotalAllowance": 0,
    "OrderingLocation": {
      "Id": 0,
      "Number": ""
    },
    "ExternalTax": 0,
    "ExternalTaxes": [],
    "ItemType": "Material",
    "ItemExtendedType": "Material",
    "DocumentItemShippingDetails": [
```



```
{
  "ShiptoLocation": {
    "LocationNumber": "0000023617",
    "Address": {
      "Addressline1": "1 Trade ST",
      "City": "Mariemont",
      "ZipCode": "45227-4509",
      "StateInfo": {
        "StateName": "OH"
      },
      "CountryInfo": {
        "CountryCode": "1",
        "CountryName": "United States"
      },
      "CreatedOn": "0001-01-01T00:00:00"
    },
    "RegistrationDetails": []
  },
  "DelivertoLocation": {
    "RegistrationDetails": []
  }
},
"Efforts": 0,
"StartDate": "0001-01-01T00:00:00",
"EndDate": "0001-01-01T00:00:00",
"AdditionalCharges": 0,
"ShippingCharges": 0,
"Tax": 50,
"ItemTotalAmount": 120,
"SupplierPartId": "",
"Taxes": [],
"CustomAttributes": [],
"Comments": [
```

```
    {
      "CommentAttachment": []
    }
  ],
  "IsTaxExempt": false,
  "AdjustmentType": 0,
  "itemSplitsDetails": [
    {
      "documentSplitItemEntities": [
        {
          "EntityCode": "1460",
          "EntityType": "Plant"
        },
        {
          "EntityCode": "700",
          "EntityType": "Material Group Level 1"
        },
        {
          "EntityCode": "8202440",
          "EntityType": "Material Group Level 2"
        },
        {
          "EntityCode": "735450025",
          "EntityType": "Material Group Level 3"
        }
      ],
      "SplitItemTotal": 240,
      "Tax": 0,
      "ShippingCharges": 0,
      "AdditionalCharges": 0,
      "CustomAttributes": []
    }
  ]
},
```

```
{
  "ItemLineNumber": 2,
  "PoLineItemNumber": 2,
  "Description": "wiufhiu",
  "UnitPrice": 120,
  "Quantity": 2,
  "Uom": "EA",
  "TotalAllowance": 0,
  "OrderingLocation": {
    "Id": 0,
    "Number": ""
  },
  "ExternalTax": 0,
  "ExternalTaxes": [],
  "ItemType": "Material",
  "ItemExtendedType": "Material",
  "DocumentItemShippingDetails": [
    {
      "ShiptoLocation": {
        "LocationNumber": "0000023617",
        "Address": {
          "Addressline1": "1 Trade ST",
          "City": "Mariemont",
          "ZipCode": "45227-4509",
          "StateInfo": {
            "StateName": "OH"
          },
        },
        "CountryInfo": {
          "CountryCode": "1",
          "CountryName": "United States"
        },
        "CreatedOn": "0001-01-01T00:00:00"
      },
      "RegistrationDetails": []
    }
  ]
}
```

```
    },
    "DelivertoLocation": {
      "RegistrationDetails": []
    }
  ],
  "Efforts": 0,
  "StartDate": "0001-01-01T00:00:00",
  "EndDate": "0001-01-01T00:00:00",
  "AdditionalCharges": 0,
  "ShippingCharges": 0,
  "Tax": 50,
  "ItemTotalAmount": 240,
  "SupplierPartId": "",
  "Taxes": [],
  "CustomAttributes": [],
  "Comments": [
    {
      "CommentAttachment": []
    }
  ],
  "IsTaxExempt": false,
  "AdjustmentType": 0,
  "itemSplitsDetails": [
    {
      "documentSplitItemEntities": [
        {
          "EntityCode": "1460",
          "EntityType": "Plant"
        },
        {
          "EntityCode": "700",
          "EntityType": "Material Group Level 1"
        }
      ]
    }
  ]
}
```

```
{
  "EntityCode": "8202440",
  "EntityType": "Material Group Level 2"
},
{
  "EntityCode": "735450025",
  "EntityType": "Material Group Level 3"
}
],
"SplitItemTotal": 240,
"Tax": 0,
"ShippingCharges": 0,
"AdditionalCharges": 0,
"CustomAttributes": []
}
]
}
]
```

Success Scenario - Response

```
{
  "data": null,
  "statusCode": "200",
  "errorDetails": [],
  "successDetails": [
    {
      "key": " INV_170420_AK1_Accounting3"
    }
  ]
}
```

Error Scenario - Request

```
{
  "BasicDetails": {
    "DocumentCreator": "USKJXK93",
    "CreatedOn": "2020-04-01T18:48:32.653+00:00",
    "DocumentBu": [],
    "DocumentLobDetails": [
      {
        "EntityCode": "KNA-SAP",
        "IsDefault": false
      }
    ],
    "OperationName": ""
  },
  "PartnerInvoiceNumber": "INV_170420_AK1_Accounting3",
  "ClientPartnerCode": "0080005119",
  "PartnerName": "SOUND RESEARCH",
  "PartnerInvoiceDate": "2020-04-01T18:48:32.807+00:00",
  "OrderNumber": "PO75772655-001",
}
```

```
"ShiptoLocation": {
  "LocationNumber": "0000023617"
},
"BilltoLocation": {
  "LocationName": "GBS Center",
  "LocationNumber": "NUNA",
  "Address": {
    "Addressline1": "PO Box 8881011",
    "City": "Grand Rapids",
    "ZipCode": "49588",
    "StateInfo": {
      "StateAbbrevationCode": "MI"
    },
    "CountryInfo": {
      "CountryCode": "US",
      "CountryName": "United States"
    },
    "CreatedOn": "0001-01-01T00:00:00"
  }
},
"OrderTotal": 0,
"HeaderEntities": [
  {
    "EntityCode": "NUNA",
    "IsDefault": false
  }
],
"InvoiceOrigin": "buyer",
"ReceivedDate": "2020-04-01T18:48:32.807+00:00",
"InvoiceTotalAmount": 460,
"OrderContactDetails": {
  "EmailAddress": "123@gep.com",
  "FirstName": "Kellogg",
  "LastName": "Admin"
```

```
},
"OrderingLocation": {
  "LocationName": "SOUND RESEARCH",
  "Address": {
    "Addressline1": "250-49 DUNLEVY AVENUE",
    "Addressline2": "",
    "Addressline3": "",
    "City": "VANCOUVER",
    "ZipCode": "V6A 3A3",
    "StateInfo": {
      "StateAbbreviationCode": "BC"
    },
    "CountryInfo": {
      "CountryCode": "CA"
    },
    "CreatedOn": "0001-01-01T00:00:00"
  },
  "ClientLocationCode": "0080000010-0080000010"
},
"IsPCardSupported": false,
"InvoiceType": "Normal",
"PurchaseTypeDescription": "Standard",
"Billable": false,
"TotalAllowance": 0,
"IsMultiDocInvoice": false,
"ScheduledPaymentDate": "0001-01-01T00:00:00",
"Currency": "USD",
"ItemTotalAmount": 360,
"Tax": 100,
"Shipping": 0,
"AdditionalCharges": 0,
"TaxesAndCharges": [],
"Comments": [],
"WorkOrderNumber": "0",
```



```
"PaymentTermsDetails": {
  "NoOfDays": 0,
  "Discount": 0,
  "DiscountDays": 0,
  "PaymentTermCode": "NT75",
  "IsDefault": false,
  "CreatedOn": "0001-01-01T00:00:00"
},
"CustomAttributes": [],
"SourceSystemName": "KNA-SAP",
"TotalAmount": 0,
"IsMemo": false,
"RemitToLocation": {
  "LocationName": "SOUND RESEARCH",
  "LocationNumber": "0080005119-0050003639",
  "Address": {
    "Addressline1": "250-49 DUNLEVY AVENUE",
    "City": "VANCOUVER",
    "ZipCode": "V6A 3A3",
    "StateInfo": {
      "StateAbbreviationCode": "BC"
    },
    "CountryInfo": {
      "CountryCode": "CA",
      "CountryName": "Canada"
    },
    "PhoneNo1": "(604) 732-1090",
    "PhoneNo2": "",
    "FaxNo": "(604) 732-1096",
    "CreatedOn": "0001-01-01T00:00:00"
  },
  "RegistrationDetails": []
},
"SupplierContact": {
```

```
"EmailAddress": "123@gep.com",
"FirstName": "David",
"LastName": "Katz"
},
"BuyerContact": {
  "EmailAddress": "123@gep.com"
},
"IsBackInvoice": false,
"InvoiceItems": [
  {
    "ItemLineNumber": 1,
    "PoLineItemNumber": 1,
    "Description": "wiufhiu",
    "UnitPrice": 120,
    "Quantity": 1,
    "Uom": "EA",
    "TotalAllowance": 0,
    "OrderingLocation": {
      "Id": 0,
      "Number": ""
    },
    "ExternalTax": 0,
    "ExternalTaxes": [],
    "ItemType": "Material",
    "ItemExtendedType": "Material",
    "DocumentItemShippingDetails": [
      {
        "ShiptoLocation": {
          "LocationNumber": "0000023617",
          "Address": {
            "Addressline1": "1 Trade ST",
            "City": "Mariemont",
            "ZipCode": "45227-4509",
            "StateInfo": {
```

```
        "StateName": "OH"
      },
      "CountryInfo": {
        "CountryCode": "1",
        "CountryName": "United States"
      },
      "CreatedOn": "0001-01-01T00:00:00"
    },
    "RegistrationDetails": []
  },
  "DelivertoLocation": {
    "RegistrationDetails": []
  }
}
],
"Efforts": 0,
"StartDate": "0001-01-01T00:00:00",
"EndDate": "0001-01-01T00:00:00",
"AdditionalCharges": 0,
"ShippingCharges": 0,
"Tax": 50,
"ItemTotalAmount": 120,
"SupplierPartId": "",
"Taxes": [],
"CustomAttributes": [],
"Comments": [
  {
    "CommentAttachment": []
  }
],
"IsTaxExempt": false,
"AdjustmentType": 0,
"itemSplitsDetails": [
  {
```

```
"documentSplitItemEntities": [  
  {  
    "EntityCode": "1460",  
    "EntityType": "Plant"  
  },  
  {  
    "EntityCode": "700",  
    "EntityType": "Material Group Level 1"  
  },  
  {  
    "EntityCode": "8202440",  
    "EntityType": "Material Group Level 2"  
  },  
  {  
    "EntityCode": "735450025",  
    "EntityType": "Material Group Level 3"  
  }  
],  
"SplitItemTotal": 240,  
"Tax": 0,  
"ShippingCharges": 0,  
"AdditionalCharges": 0,  
"CustomAttributes": []  
}  
],  
{  
  "ItemLineNumber": 2,  
  "PoLineItemNumber": 2,  
  "Description": "wiufhiu",  
  "UnitPrice": 120,  
  "Quantity": 2,  
  "Uom": "EA",  
  "TotalAllowance": 0,  
}
```

```
"OrderingLocation": {
  "Id": 0,
  "Number": ""
},
"ExternalTax": 0,
"ExternalTaxes": [],
"ItemType": "Material",
"ItemExtendedType": "Material",
"DocumentItemShippingDetails": [
  {
    "ShiptoLocation": {
      "LocationNumber": "0000023617",
      "Address": {
        "Addressline1": "1 Trade ST",
        "City": "Mariemont",
        "ZipCode": "45227-4509",
        "StateInfo": {
          "StateName": "OH"
        },
      },
      "CountryInfo": {
        "CountryCode": "1",
        "CountryName": "United States"
      },
      "CreatedOn": "0001-01-01T00:00:00"
    },
    "RegistrationDetails": []
  },
  {
    "DelivertoLocation": {
      "RegistrationDetails": []
    }
  }
],
"Efforts": 0,
"StartDate": "0001-01-01T00:00:00",
```

```
"EndDate": "0001-01-01T00:00:00",
"AdditionalCharges": 0,
"ShippingCharges": 0,
"Tax": 50,
"ItemTotalAmount": 240,
"SupplierPartId": "",
"Taxes": [],
"CustomAttributes": [],
"Comments": [
  {
    "CommentAttachment": []
  }
],
"IsTaxExempt": false,
"AdjustmentType": 0,
"itemSplitsDetails": [
  {
    "documentSplitItemEntities": [
      {
        "EntityCode": "1460",
        "EntityType": "Plant"
      },
      {
        "EntityCode": "700",
        "EntityType": "Material Group Level 1"
      },
      {
        "EntityCode": "8202440",
        "EntityType": "Material Group Level 2"
      },
      {
        "EntityCode": "735450025",
        "EntityType": "Material Group Level 3"
      }
    ]
  }
]
```

```
    ],
    "SplitItemTotal": 240,
    "Tax": 0,
    "ShippingCharges": 0,
    "AdditionalCharges": 0,
    "CustomAttributes": []
  }
]
}
}
```

Error Scenario - Response

```
{
  "data": null,
  "statusCode": "400",
  "errorDetails": [
    {
      "key": "",
      "errors": [
        {
          "errorCode": "MandatoryException",
          "errorDescription": "There was an error in processing the Invoice as Operation is mandatory."
        }
      ]
    }
  ],
  "successDetails": []
}
```