

**MOLDOVA: POLICY ADVICE AND SUPPORT IN LEGISLATIVE DRAFTING FOR EPROCUREMENT REFORM**

**TECHNICAL DOCUMENTATION for the development of the Networking Multi-Platform Electronic Public Procurement System – the MTender System**

February 2020

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List of abbreviations

|  |  |
| --- | --- |
| AA | European Union - Republic of Moldova Association Agreement |
| CDU | Central Database Unit |
| CPV | Common Procurement Vocabulary |
| DPS | Dynamic Purchasing Systems |
| EBRD | European Bank for Reconstruction and Development |
| EO | Economic operator |
| eProcurement | Electronic Procurement |
| ESPD | European Single Procurement Document |
| EU | European Union |
| EUPD | European Union Procurement Directives |
| GPA | Government Procurement Agreement |
| NCSA | National Complaints Settlement Agency |
| NEPP | Networking Electronic Procurement Platform |
| NGO | Non-Governmental Organisation |
| OJEU | Official Journal of the European Union |
| PP | Public Procurement |
| PPA | Public Procurement Agency, Ministry of Finance of the Republic of Moldova |
| PPL | Public Procurement Law |
| SME | Small to Medium Enterprises |

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# Introduction

This document describes the approach of the implementation of architecture, data models, data standard and environment of the Architecture of the OCDS Open Source Central Unit of the electronic public procurement system for the Electronic Public Procurement System of Republic of Moldova (MTender).

The document explains in detail:

* **Technical choice:**
  + OCDS standard;
  + Data formats used for formatting data used in the system;
  + Non-application services:
    - Infrastructure services;
    - Business services;
    - Enterprise services, including BPE (Business Process Engine)
* **Tutorial and system exploitation:**
  + Description of the System API and the processes to consume information from the system; description of system features to allow its use from endpoints (retrieving information, creating objects, updating information, etc.

# Technical choice

This section explains the technical options to implements the OCDS data and processes definitions.

## OCDS

OCDS is a standard that provides a detailed specification of the fields and data structures to use when publishing open data about contracting processes. MTender is based on this standard and you can read more about this in the section *2.1.1 OCDS structure* of the *\_ARCHITECTURE OF THE OCDS OPEN SOURCE CENTRAL UNIT OF THE ELECTRONIC PUBLIC PROCUREMENT SYSTEM - v3.0* document. Furthermore, inside each module specification in this document (section *4. Components’ management*) you could find the extended structure and functionalities of OCDS in order to adapt Moldova’s requirements.

## Technologies

This section describes the development framework and technologies by the MTender system. the Technology choice has been performed according to the MTender principle of Open source, open data, open contracting data standard. The MTender CDU is based on open source applications and foster transparency and accountability of public procurement by incorporating open data and Advanced Open Contracting Data Standards.

|  |  |
| --- | --- |
| Spring Framework |  |
| The Spring Framework provides a comprehensive programming and configuration model for modern Java-based enterprise applications - on any kind of deployment platform. Spring focuses on the "plumbing" of enterprise applications so that teams can focus on application-level business logic, without unnecessary ties to specific deployment environments. |
| Kotlin |  |
| Kotlin is a statically typed programming language that runs on the Java virtual machine and also can be compiled to JavaScript source code or use the LLVM compiler infrastructure. |
| Camunda |  |
| Camunda is an open source platform for workflow and business process management. You can model and execute BPMN 2.0, CMMN 1.1 and DMN 1.1. |
| Apache Kafka |  |
| Apache Kafka is an open-source stream processing platform developed by the Apache Software Foundation. The project aims to provide a unified, high-throughput, low-latency platform for handling real-time data feeds. |
| Cassandra DB |  |
| The Apache Cassandra is a database solution for scalability and high availability without compromising performance. Linear scalability and proven fault-tolerance on commodity hardware or cloud infrastructure make it the perfect platform for mission-critical data. |
| JSON Web Tokens |  |
| JSON Web Token (JWT) is an open standard ([RFC 7519](https://tools.ietf.org/html/rfc7519)) that defines a compact and self-contained way for securely transmitting information between parties as a JSON object. This information can be verified and trusted because it is digitally signed. |

## Data formats

This section describes the international standards used for formatting data used in the system. The aim of using this standards is facilitating the understanding of the data and guaranteeing data interoperability.

### Date

|  |  |
| --- | --- |
| **Date and time format -** [**ISO 8601**](https://www.iso.org/iso-8601-date-and-time-format.html) |  |

### Time

|  |  |
| --- | --- |
| **Date and time format -** [**ISO 8601**](https://www.iso.org/iso-8601-date-and-time-format.html) |  |

### Media Types

Per Section 3.1 of [RFC6838], Standards Tree requests made through IETF documents will be reviewed and approved by the IESG, while requests made by other recognized standards organizations will be reviewed by the Designated Expert in accordance with the Specification Required policy. IANA will verify that this organization is recognized as a standards organization by the IESG.

|  |  |
| --- | --- |
| **IANA Media Types -** [**RFC6838**](http://www.iana.org/assignments/media-types) |  |

### Languages

ISO 639 is a standardized nomenclature used to classify languages. Each language is assigned a two-letter (639-1) and three-letter (639-2 and 639-3), lowercase abbreviation, amended in later versions of the nomenclature. The system is highly useful for linguists and ethnographers to categorize the languages spoken on a regional basis, and to compute analysis in the field of lexicostatistics.

|  |  |
| --- | --- |
| **Language codes -** [**ISO 639**](https://www.iso.org/iso-639-language-codes.html) |  |

### Currencies

The currency for each amount should always be specified using the uppercase 3-letter currency code from ISO-4217.

|  |  |
| --- | --- |
| **Currency codes -** [**ISO 4217**](https://www.iso.org/iso-4217-currency-codes.html) |  |

## Services

This point explains the general and utility services that are used by the whole system.

### Infrastructure Services

These services give support to the following features:

* Virtualization
* Service discovery
* Capabilities of the system

#### Public point

Public Point is a service that displays records and data-sets in read-only mode. Only information allowed for publication by the current legislation is displayed (i.e. it does not show bids of the bidders until the opening session (disclosure) of the bids.

|  |  |
| --- | --- |
| **Quick test and definitions of endpoints with** [**Swagger**](http://public.eprocurement.systems/swagger-ui.html) |  |

##### AccessPoint

|  |
| --- |
| **https://sandbox.public.mtender.gov.md** |

###### Retrieving data

To retrieve a list of data or individual entity data-set use GET-request parameterized with one or more options sent to corresponding end-point.

* offset - timestamp of latest updates
* limit - quantity of elements per each package of data
* order - criteria for sorting results
* mode - params indicates that historical data requested

Getting list of all data

**Sorting**

By default all data returned from public point are sorted by modification time (from oldest to newest).

**Limiting number of Tenders returned**

You can control the number of data entries in the entity feed (batch size) with limit parameter. If not specified, data is being returned in batches of 100 elements.

|  |
| --- |
| **GET** /get/tenders?offset=...&limit=20&order=asc&mode=history |

**Example of Response**

|  |
| --- |
| {  "data": [  {  "ocid": "",  "date": ""  }  ],  "offset":"" } |

**Batching**

The response contains ‘offset’ element. This is the parameter that needs to be added to the original request made to get the next page. If the next page request returns no data (i.e. empty array) then there is no purpose in fetching for further pages.

**Synchronizing**

It is often necessary to be able to synchronize changes of Central Unit with the local database. The default sorting “by modification date” together with Batching mechanism allows one to implement synchronization effectively. The synchronization process can go page by page until there is no new data returned. Then the synchronizer has to pause for a while to let Central Unit register some changes and attempt fetching subsequent page.

|  |  |
| --- | --- |
| **The safe frequency of synchronization requests is once per 5 minutes** |  |

Getting individual entity information

To get an individual entity data set (as Record Package) provide your GET-request with unique ID of specific entity as depicted below:

|  |
| --- |
| **GET** /tenders/ocds-000-00001?offset=... |

Getting details of stage (part) of individual entity information

To get a detailed information about a stage of individual entity data set (as Release Package) provide your GET-request with unique ID of particular entity and unique ID of particular stage of the particular stage as depicted below:

|  |
| --- |
| **GET** /tenders/ocds-000-00001/ocds-000-00001-PIN?offset=... |

Getting list of documents

The document can be retrieved by requesting the URL returned in structures from document list request in data[\*].url. It is safe to provide the download URL to end user for download.Functionality

Retrieving budgets. EIs, FSs: lists and items

|  |
| --- |
| **POST** /budgets |

Retrieving tenders. PNs, PINs, CNs, ACs, CIs: lists and items

|  |
| --- |
| **POST** /tenders |

|  |  |
| --- | --- |
| Flow Description File to be registered  DS performs following actions:   1. The file size is checked - if the value is exceeded, the process is thrown 2. The file format is checked for a valid format 3. In case of a valid format, the file is saved:    1. description is stored in the database according to the model    2. Returns file descriptions to the client according to the attribute composition | Figure 8. Process Sequence Diagram |

#### Feed point

MTender use an Apache Kafka® platform to organize real-time communication between parties (including Platforms) for transferring a personalized data as a closed feed. Apache Kafka® is a distributed open-source stream processing platform developed by the Apache Software Foundation. The project aims to provide a unified, high-throughput, low-latency platform for handling real-time data feeds.

|  |  |
| --- | --- |
| **Learn more about** [**Apache Kafka**](https://kafka.apache.org) |  |

##### Handles Clients

Starting with the 0.8 release Apache Foundation maintaining all but the jvm client external to the main code base.

|  |  |  |
| --- | --- | --- |
| [C/C++](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-C/C++)  [Python](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-Python)  [Go (AKA golang)](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-Go(AKAgolang))  [Erlang](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-Erlang)  [.NET](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-.NET)  [Clojure](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-Clojure) | [Ruby](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-Ruby)  [Node.js](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-Node.js)  [Proxy (HTTP REST, etc)](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-Proxy(HTTPREST,etc))  [Perl](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-Perl)  [stdin/stdout](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-stdin/stdout)  [PHP](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-PHP) | [Rust](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-Rust)  [Alternative Java](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-AlternativeJava)  [Storm](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-Storm)  [Scala DSL](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-ScalaDSL)  [Clojure](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-Clojure.1)  [Swift](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-Swift) |

|  |  |
| --- | --- |
| **See previously supported** [**Client Libraries**](https://cwiki.apache.org/confluence/display/KAFKA/Clients#Clients-ClientLibrariesPreviouslySupported) |  |

##### AccessPoint

|  |
| --- |
| **https://sandbox.feed.mtender.gov.md** |

#### Respond Service

After processing BPE always provides response, reporting either success or failure and available details. In all cases, the BPE will return an [HTTP Status Code](http://en.wikipedia.org/wiki/List_of_HTTP_status_codes) that indicates the nature of the failure (see below), with a response body in JSON format containing additional information.

##### General responses

###### 2xx Success

This class of status codes indicates the action requested by the client was received, understood, accepted, and processed successfully

|  |  |
| --- | --- |
| **Code** | **Description** |
| **200 OK** | Standard response for successful HTTP requests. The actual response will depend on the request method used. |
| **201 Created** | The request has been fulfilled, resulting in the creation of a new resource. |
| **202 Accepted** | The request has been accepted for processing, but the processing has not been completed. |

###### 4xx Client Error

This class of status code is intended for situations in which the error seems to have been caused by the client. Except when responding to a HEAD request, the server should include an entity containing an explanation of the error situation, and whether it is a temporary or permanent condition. These status codes are applicable to any request method. User agents should display any included entity to the user

|  |  |
| --- | --- |
| **Code** | **Description** |
| **401 Unauthorized** | A valid API key was not provided with the request, so the API could not associate a user with the request. |
| **403 Forbidden** | The API key and request syntax was valid but the server is refusing to complete the request. This can happen if you are trying to read or write to objects or properties that you do not have access to. |
| **404 Not found** | Either the request method and path supplied do not specify a known action in the API, or the object specified by the request does not exist. |
| **409 Document conflict** | The request could not be completed due to a conflict with the current state of the target resource. Please repeat your request. |
| **410 Archived** | The resource requested is not and will not be available. |
| **412 Precondition failed** | See [Authentification](#_gpq0r5r3pjdz). |
| **422 Unprocessable Entity** | This status code means the server understands the content type of the request entity. For example, this error condition may occur if a JSON request body contains well-formed (i.e., syntactically correct), but semantically erroneous, JSON instructions. |
| **429 Rate Limit Enforced** | Rate Limit Enforced. See [Performance Recommendations](#_2i328pv4nld8). |

###### 500 Server Error

The server failed to fulfill a request. Response status codes beginning with the digit "5" indicate cases in which the server is aware that it has encountered an error or is otherwise incapable of performing the request.

#### MConnect

MTender uses a software daemon to retrieve needed data, available according to systems’ permissions in the Interoperability Governmental Platform MConnect which facilitates the exchange of data between the authorities to increase the efficiency and quality of delivery of public services. Through the interoperability platform, the public authorities exchange data in real time without requesting it from citizens and the business environment in the form of certificates, reports, etc.

|  |  |
| --- | --- |
| **Learn more about** [**M-Connect**](http://egov.md/en/projects/mconnect) |  |

##### AccessPoint

|  |
| --- |
| **https://sandbox.mconnect.mtender.gov.md** |

##### Functionality

###### IBANs

**Request parameters**

|  |  |
| --- | --- |
| **idno** | The IDNO if the Contracting Authority (whos budget will be spend under this tender) |
| **cpv** | Classification of the subject of procurement according to CPV (3rd digit) |
| **year** | The budget year of this contracting process |

**Example**

|  |
| --- |
| **GET** /budget/iban?idno=...&cpv=...&year=... HTTP/1.1 Host: sandbox.mconnect.mtender.gov.md  200 OK Content-Type: application/json; charset=UTF-8  {  "getIbanList\_response": {  "iban": [    ]  } } |

###### Amounts

**Request parameters**

|  |  |
| --- | --- |
| **iban** | IBAN code number according to Treasurys’ classification |
| **year** | The budget year of this contracting process |

**Example**

|  |
| --- |
| **GET** /budget/get?iban=...&year=... HTTP/1.1 Host: sandbox.mconnect.mtender.gov.md  200 OK Content-Type: application/json; charset=UTF-8  {  "sum":"90000.00"  } |

###### Validity of amounts

**Request parameters**

|  |  |
| --- | --- |
| **iban** | IBAN code number according to Treasurys’ classification |
| **year** | The budget year of this contracting process |
| **sum** | Amount of funds to be checked |

**Example**

|  |
| --- |
| **GET** /budget/check?iban=...&year=...&sum=... HTTP/1.1 Host: sandbox.mconnect.mtender.gov.md  200 OK Content-Type: application/json; charset=UTF-8  {  "result":"1"  } |

###### Contracting Authority Profile

**Request parameters**

|  |  |
| --- | --- |
| **idno** | The IDNO if the Contracting Authority |

**Example**

|  |
| --- |
| **GET** /organization/public?idno=... HTTP/1.1 Host: sandbox.mconnect.mtender.gov.md  200 OK Content-Type: application/json; charset=UTF-8  {  "IDNO": "",  "FiscalCode": "",  "Name": "",  "ShortName": "",  "LegalFormCode": "2" ,  "PropertyFormCode": "2",  "RegistrationDate": "",  "VATCode": "",  "BudgetDebt": "",  "Address": {  "Country": "",  "Region": "",  "Locality": "",  "LocalityCode": "",  "Street": "",  "House": "44",  "Block": "",  "Flat": ""  },  "Conductors": {  "Conductor": {  "PersonalData": {  "IDNP": "",  "LastName": "",  "FirstName": ""  },  "RoleCode": "18"  }  },  "ChefAccount": {  "PersonalData": {  "IDNP": "",  "LastName": "",  "FirstName": ""  }  } } |

###### Economic Operator Profile

**Request parameters**

|  |  |
| --- | --- |
| **idno** | The IDNO if the Economic Operator |

**Example**

|  |
| --- |
| **GET** /organization/private?idno=... HTTP/1.1 Host: sandbox.mconnect.mtender.gov.md  200 OK Content-Type: application/json; charset=UTF-8  {  "IDNO": "",  "FiscalCode": "",  "Name": "",  "ShortName": "",  "LegalFormCode": "",  "PropertyFormCode": "",  "RegistrationDate": "",  "VATCode": "",  "BudgetDebt": "",  "Address": {  "Country": "",  "Region": "",  "Locality": "",  "LocalityCode": "",  "Street": "",  "StreetCode": "",  "House": "",  "Block": "",  "Flat": ""  },  "Activities": {  "Activity": [  {  "ActivityCode": "",  "ActivityType": "",  "OrderNumber": ""  }  ]  },  "Founders": {  "Founder": {  "PersonType": "",  "PersonShortData": {  "IDNP": "",  "LastName": "",  "FirstName": ""  }  }  },  "Conductors": {  "Conductor": {  "PersonalData": {  "IDNP": "",  "LastName": "",  "FirstName": ""  },  "RoleCode": ""  }  },  "ChefAccount": {  "PersonalData": {  "IDNP": "",  "LastName": "",  "FirstName": ""  }  } } |

###### Responsible Person Profile

**Request parameters**

|  |  |
| --- | --- |
| idnp | The personal code of the individual |

**Example**

|  |
| --- |
| **GET** /citizen/get?idnp=... HTTP/1.1 Host: sandbox.mconnect.mtender.gov.md  200 OK Content-Type: application/json; charset=UTF-8  {  "IDNP": "",  "FirstName": "",  "LastName": "",  "SecondName": "",  "BirthDate": "",  "BirthDateStatus": "" } |

### Business Services

These services give support to the following features:

* Authentication and credentials.
* Authorization and permissions.
* Business logic.

#### Auth Service

MTender use a ‘JSON Web Token’ (JWT) open standard that defines a compact and self-contained way for securely transmitting information between parties as a JSON object. This information can be verified and trusted because it is digitally signed. JWTs can be signed using a secret (with the HMAC algorithm) or a public/private key pair using RSA.

|  |  |
| --- | --- |
| **Learn more about** [**JWT**](https://jwt.io) |  |

##### AccessPoint

|  |
| --- |
| [**https://sandbox.auth.mtender.gov.md**](https://sandbox.auth.mtender.gov.md)  auth.eprocurement.systems |

##### Functionality

##### ID Token

The ID token is a JWT that contains user profile information (like the user's name, email, and so forth), represented in the form of requests. These requests are statements about the user, which can be trusted if the consumer of the token (Auth Service) can verify its signature.

###### How to get an ID Token

Only authorized applications (Platforms) can obtain an ID Token from an Administrator of the MTender

##### Access Token

The Access Token is a credential that can be used by a application to access BPE. Its purpose is to inform the API that the bearer of this token has been authorized to access and perform specific actions (as specified by the scope that has been granted).

|  |  |
| --- | --- |
| **The Access Token should be used as a Bearer credential and transmitted in an HTTP Authorization header to the BPE** |  |

##### Refresh Token

A Refresh Token is a special kind of token that obtains a renewed Access Token — that allows to access a protected resource. You can request new Access Tokens until the Refresh Token is blacklisted. Refresh Tokens must be stored securely by an application because they essentially allow a user to remain authenticated forever. A Refresh Token is issued from the Auth Service endpoints along with the Access Token. When the Access Token expires, the Refresh Token can be used to obtain a fresh Access Token with the same permissions, without further involvement from a user.

|  |  |
| --- | --- |
| **Learn more in** [**Auth Service api-guide**](http://docs.eprocurement.systems/auth) |  |

#### Documents Service

Document Service is a System Environment Component responsible for registering, uploading, archiving, organising and controlling the access to all documents (files), enabling long-term preservation of them in a digital format and ensuring that they can be easily retrieved without conversions. The service also provides basic document management functionalities for reception, dispatch, storage and retrieval of documents.

##### Requirements

###### Supported Document Formats (Media Types)

According to the [Media Types Data standard](#_a988nm7fr4fs), the following formats are supported by the Document Service:

###### Images: jpg, png, gif, tif

###### Documents: doc, docx, xls, xlsx, pdf, rtf

###### Archives: rar, zip, 7s

###### Size restrictions

The common limit for file size is 52428800 bytes (50Mb)

##### Components

The Document Service consists of several components:

###### File Repository Management System - Document Service Gateway

Gateway managing the access to the file repository: controls access and reads the files from the repository.

###### File Repository - Storage

Storage of the files attached to the tender notices, offers, and complaints.

##### AccessPoint

All of the document uploading API endpoints follow the same set of rules and uses single access point.

|  |
| --- |
| [**https://sandbox.storage.mtender.gov.md**](https://sandbox.storage.mtender.gov.md)  storage.eprocurement.systems |

##### Functionality

###### Registration of Document

Registers a document that will be nested in an information entity and a backup location for uploading the document file to the file repository. To register any document hash of such, the document should be sent to the DS. The result of a document registration is its permanent link (URL) in the file repository, which will be returned within the respond of DS as part of a successful data-package. This link can be associated to other entities after a successful registration. Furthermore, a registered document with an identical hash must be [uploaded](#_d4ua97nd4pxo).

End-Point

|  |
| --- |
| **POST** /registration |

Flow Description

When a document is received to be registered, the DS performs the following actions:

1. The file size is checked - if the value is exceeded, the process is thrown.
2. The file format is checked for validity.
3. In case of a valid format, the file is saved:
   1. A description of the document is stored in the database according to the model.
   2. The system returns the file description to the client according to the attribute composition.

Example

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization:  Content-Length: 58 Content-Type: application/json Host: sandbox.storage.mtender.gov.md  {  "data": {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "fileName": "file.txt"  } }  201 Created Content-Type: application/json; charset=UTF-8  {  "data": {  "id": "9a0364b9e99bb480dd25e1f0284c8555",  "url": "https://sandbox.storage.mtender.gov.md/get/389684cc28c242b79c97c56be5142e25",  "dateModified": "2017-12-25T17:05:56.044677"  } } |

###### Upload of Registered Document

A previously registered Document could be uploaded into the File Repository (Storage).

End-Point

|  |
| --- |
| **POST** /upload |

Flow description

When document is received to be uploaded DS performs following actions:

1. The owner is checked for compliance with the one to whom the document registration URL was issued
2. The hash is calculated using the checksum algorithm.
3. The checksum of the received file is compared with the file stored in the reserve by reference. In case of mismatch, an exception is returned and the process is terminated.
4. The file format is checked for validity.
5. In case of a valid format, the file is saved.

Example

|  |
| --- |
| **POST** /upload/389684cc28c242b79c97c56be5142e25 HTTP/1.0 Authorization:  Content-Length: 58 Content-Type: multipart/form-data; boundary=----------a\_BoUnDaRy572732436472$ Host: sandbox.storage.mtender.gov.md  ------------a\_BoUnDaRy572732436472$ content ------------a\_BoUnDaRy572732436472$--  201 Created Content-Type: application/json; charset=UTF-8  {  "data": {  "url": "https://sandbox.storage.mtender.gov.md/get/389684cc28c242b79c97c56be5142e25"  } } |

###### Get Uploaded Document

If a document is registered and stored in the Document Service, it can be retrieved by any user after the publication date of the document is reached (the document is public and the relevant link is published via Public Point). To retrieve the file, a GET-request should be sent to the Document Service.

End-Point

|  |
| --- |
| **GET** /get/ |

Example

|  |
| --- |
| **GET** /get/389684cc28c242b79c97c56be5142e25 HTTP/1.0 Host: sandbox.storage.mtender.gov.md  200 OK Content-Disposition: attachment; filename=file.txt Content-Type: text/plain; charset=UTF-8 |

### Enterprise Services

These services give support to the following features:

* Scalability and flexibility
* Orchestration

#### Operation Service

BPE should always know what client is going to do before this action. Accordingly 'X-OPERATION-ID' is required when the POST-request is sent. 'X-OPERATION-ID' can be got via GET-request.

##### AccessPoint

|  |
| --- |
| [**https://sandbox.operations.mtender.gov.md**](https://sandbox.operations.mtender.gov.md)  operation.eprocurement.systems |

##### Functionality

###### X-OPERATION-ID

BPE should always know what client is going to do before this action. Accordingly 'X-OPERATION-ID' is required when the POST-request is sent. 'X-OPERATION-ID' can be got via GET-request..

Get X-OPERATION-ID

|  |
| --- |
| HTTP/1.1 200 OK Content-Type: application/json;charset=UTF-8 Content-Length: 99  {  "data" : {  "operationId" : "3a0a5d62-e460-4dc5-9b3e-ae06226c58b4"  } } |

Receive X-OPERATION-ID

|  |
| --- |
| HTTP/1.1 200 OK Content-Type: application/json;charset=UTF-8 Content-Length: 99  {  "data" : {  "operationId" : "3a0a5d62-e460-4dc5-9b3e-ae06226c58b4"  } } |

Also ‘X-OPERATION-ID’ provides a request identification. Therefore, the ‘X-OPERATION-ID’ should be used to identify and analyse the data received from the Feed-Point.

###### Form Service

The Form Service is an additional service that allows Platforms to get actual needed field-set together with existing related information and reference data within one single request to build UI-Form for producing specific type of data-entity by end-user on its side. Accordingly, the platform may not store on its side such information, and receive it in real-time when needed. The Form Service uses ‘Alpaca Forms’ as a UI-Processor for interpretation of Json-Schema of different models as online UI-forms. ‘Alpaca’ provides the easiest way to generate interactive forms for web and mobile applications.

|  |  |
| --- | --- |
| **Learn more about** [**Alpaca Forms**](http://www.alpacajs.org) |  |

Overview

To get needed information, relevant request should be sent to the Operation Service. The rules are below. In the case of successful requests, the service will provide a json-scheme of field-set, all available data taken from a public point, reference data for pre-defined fields and list of human-readable values of coded fields and data (such as list of available currencies, units of measure, etc) in a requested lang.

|  |  |
| --- | --- |
| **Service is used together with ‘X-OPERATION-ID’ functionality within single request** |  |

**Request**

All requests for Form Service are done through a POST-method (same as for parent Operation Service)

|  |
| --- |
| POST ?mainParams[...]&specificParams[...] Authorization: Basic QWxhZGRpbjpPcGVuU2VzYW1l Content-Length: 4359 Content-Type: application/json Host: sandbox.operations.mtender.gov.md |

**Main Params**

|  |  |
| --- | --- |
| **form** | Identifier of needed form (e.g. ‘EI’) according to [‘forms’ codelist](#_n843e3unuzkm) |
| **lang** | Identifier of needed localization (e.g. ‘EN’) according to [‘langs’ codelist](#_ww26dza878zr) |

**Specific Params**

Set of specific parameters required in a particular case. Described below.

**Response**

For all valid queries, the response will have a common structure:

|  |
| --- |
| 201 OK Content-Type: application/json; charset=UTF-8  {  "data": {  "operationId": "",  "form": {  "schema":{},  "data":{}  }  } } |

|  |  |
| --- | --- |
| **Objects "schema" and "data" will be present even if they are empty** |  |

For all invalid queries, the response will have a common structure:

|  |
| --- |
| 4XX Content-Type: application/json; charset=UTF-8 {  "errors":[  {  "code": "",  "description": ""  }  ] } |

Playground

Choose a JSON Form example below and check the generated form. Refer to this documentation for details and directions to extend the form.

|  |  |
| --- | --- |
| **Try it at** [**eProcurement.Forms playground**](http://forms-playground.eprocurement.systems) |  |

Functionality

All data-sets for each needed form are available in the Form-service and could be retrieved by Platforms:

* Expenditure Item form
* Funding Source form
* PN/CN form
* CNonPN form
* Tender/Lot cancellation form
* Enquiry form
* Answer form
* Bid form
* Award form
* Contract initiation form
* Contract activation form
* Contract registration form

**Next Steps**

* CNonPIN
* PINonCN
* Contract Amendment Form
* Contract Implementation/Transaction Form
* Contract termination

### 

###### How to get

All data-sets for each needed form are available in Form-service and could be retrieved by Platforms:

Expenditure Item Scheme

To get needed scheme for preparation of EI:

**Create-form request params**

|  |  |  |
| --- | --- | --- |
| **Title** | **Value** | **Description** |
| **form** | EI | Identifier of needed form according to [‘form’ codelist](#_n843e3unuzkm) |
| **country** | MD | Identifier of country of jurisdiction according to [‘country’ codelist](#_bs2kmvk44pui) |
| **identifierSchema** | MD-IDNO | Identifier according to [Organizations Identifier Schema](#_6v0rsvde2o5s) |
| **lang** | RO | Identifier of needed localization according to [‘langs’ codelist](#_ww26dza878zr) |

**Update-form request params**

To update existing EI different parameters should be set to indicate what exactly EI should be updated:

|  |  |  |
| --- | --- | --- |
| **Title** | **Value** | **Description** |
| **form** | UPDATE-EI | Identifier of needed form according to [‘form’ codelist](#_n843e3unuzkm) |
| **ocid** | OCID-... | OCID of EI to be updated |
| **lang** | RO | Identifier of needed localization according to [‘langs’ codelist](#_ww26dza878zr) |

Funding Source Scheme

To get the needed scheme for the preparation of FS:

**Create-form Request Params**

|  |  |  |
| --- | --- | --- |
| **Title** | **Value** | **Description** |
| **form** | FS | Identifier of needed form according to [‘form’ codelist](#_n843e3unuzkm) |
| **lang** | RO | Identifier of needed localization according to [‘langs’ codelist](#_ww26dza878zr) |
| **ocid** | OCID-... | OCID of parent EI |
| **funder** |  | Identifier of role according to [‘funder’ codelist](#_hkqd3j4uzz0y) |
| **payer** |  | Identifier of role according [‘payer’ codelist](#_8bfwhae07fc5) |
| isEuropeanUnionFunded |  | TRUE | FALSE value |

**Update-form request params**

To update FS different parameters should be set to indicate which specific FS should be updated:

|  |  |  |
| --- | --- | --- |
| **Title** | **Value** | **Description** |
| **form** | UPDATE-FS | Identifier of needed form |
| **ocid** | OCID-... | OCID of FS to be updated |
| **lang** | RO | Identifier of needed localization according to [‘langs’ codelist](#_ww26dza878zr) |

Planning Notice Scheme

To get the needed scheme for the preparation of PN:

**Create-form request params**

|  |  |  |
| --- | --- | --- |
| **Title** | **Value** | **Description** |
| **form** | PN | Identifier of needed form according to [‘form’ codelist](#_n843e3unuzkm) |
| **pmd** | OT | Identifier procurementMethodDetails according to [‘pmd’ codelist](#_aftn7smycjc5) |
| **lang** | RO | Identifier of needed localization according to [‘langs’ codelist](#_ww26dza878zr) |
| **ocid** | OCID-... | OCID of parent EI |
| **procuringEntity** |  | Identifier of role according to [‘procuringEntity’ codelist](#_2yvla4ggfwim) |
| **responsibleContactPerson** |  | Identifier of role according to [‘responsibleContactPersone’ codelist](#_cnef5pqaovsl) |

**Update-form request params**

To update PN different parameters should be set to indicate which specific PN should be updated:

|  |  |  |
| --- | --- | --- |
| **Title** | **Value** | **Description** |
| **form** | UPDATE-PN | Identifier of needed form according to [‘form’ codelist](#_n843e3unuzkm) |
| **ocid** | OCID-... | OCID of PN to be updated |
| **lang** | RO | Identifier of needed localization according to [‘langs’ codelist](#_ww26dza878zr) |

Contract Notice Scheme

**Create-form “from scratch” - request params**

To get the needed scheme for preparation of CN “from scratch” relevant request should be send to OS.

|  |  |  |
| --- | --- | --- |
| **Title** | **Value** | **Description** |
| **form** | CN | Identifier of needed form according to [‘form’ codelist](#_n843e3unuzkm) |
| **pmd** | OT | Identifier procurementMethodDetails according to [‘pmd’ codelist](#_aftn7smycjc5) |
| **lang** | RO | Identifier of needed localization according to [‘langs’ codelist](#_ww26dza878zr) |
| **ocid** | OCID-... | OCID of parent EI |
| **procuringEntity** |  | Identifier of role according to [‘procuringEntity’ codelist](#_2yvla4ggfwim) |
| **responsibleContactPerson** |  | Identifier of role according to [‘responsibleContactPersone’ codelist](#_cnef5pqaovsl) |

**Create-form “CNonPN”(“CNonPIN”) - request params**

To get needed scheme for preparation of CN based on PN/PIN relevant request should be send to OS.

|  |  |  |
| --- | --- | --- |
| **Title** | **Value** | **Description** |
| **form** | UPDATE-CN | Identifier of needed form according to [‘form’ codelist](#_n843e3unuzkm) |
| **ocid** | OCID-... | OCID of used PN/PIN to be used as a base for future CN |
| **lang** | RO | Identifier of needed localization according to [‘langs’ codelist](#_ww26dza878zr) |

**Update-form request params**

To update CN different parameters should be set to indicate which specific CN should be updated

|  |  |  |
| --- | --- | --- |
| **Title** | **Value** | **Description** |
| **form** | UPDATE-CN | Identifier of needed form according to [‘form’ codelist](#_n843e3unuzkm) |
| **ocid** | OCID-... | OCID of CN to be updated |
| **lang** | RO | Identifier of needed localization according to [‘langs’ codelist](#_ww26dza878zr) |

Tender Cancellation Scheme

To get the needed scheme for preparation of the tender cancellation amendment:

**Request params**

|  |  |  |
| --- | --- | --- |
| **Title** | **Value** | **Description** |
| **form** | CANCELLATION-TENDER | Identifier of needed form according to [‘form’ codelist](#_n843e3unuzkm) |
| **lang** |  | Identifier of needed localization according to [‘langs’ codelist](#_ww26dza878zr) |
| **ocid** | OCID-... |  |

Lot Cancellation Scheme

To get needed scheme for the preparation of the specific lot cancellation amendment:

**Request params**

|  |  |  |
| --- | --- | --- |
| **Title** | **Value** | **Description** |
| **form** | CANCELLATION-LOT | Identifier of needed form according to [‘form’ codelist](#_n843e3unuzkm) |
| **lang** |  | Identifier of needed localization according to [‘langs’ codelist](#_ww26dza878zr) |
| **ocid** | OCID-... |  |
| **lot-id** |  |  |

Enquiry Scheme

To get the needed scheme for the preparation of ENQUIRY:

**Request params**

|  |  |  |
| --- | --- | --- |
| **Title** | **Value** | **Description** |
| **form** | ENQUIRY | Identifier of needed form according to [‘form’ codelist](#_n843e3unuzkm) |
| **lang** |  | Identifier of needed localization according to [‘langs’ codelist](#_ww26dza878zr) |
| **lot-id** |  | identifier of lot if this enquiry relates to a specific lot |

Answer Scheme

To get the needed scheme for the preparation of ANSWER on ENQUIRY:

**Request params**

|  |  |  |
| --- | --- | --- |
| **Title** | **Value** | **Description** |
| **form** | ANSWER | Identifier of needed form according to [‘form’ codelist](#_n843e3unuzkm) |
| **lang** |  | Identifier of needed localization according to [‘langs’ codelist](#_ww26dza878zr) |

Bid Scheme

To get the needed scheme for the preparation of BID:

**Create-form Request params**

|  |  |  |
| --- | --- | --- |
| **Title** | **Value** | **Description** |
| **form** | BID | Identifier of needed form according to [‘form’ codelist](#_n843e3unuzkm) |
| **lang** |  | Identifier of needed localization according to [‘langs’ codelist](#_ww26dza878zr) |
| **ocid** |  |  |
| **lot-id** |  |  |

**Update-form request params**

To update BID, the same parameters should be set

|  |  |  |
| --- | --- | --- |
| **Title** | **Value** | **Description** |
| **form** | BID | Identifier of needed form according to [‘form’ codelist](#_n843e3unuzkm) |
| **lang** |  | Identifier of needed localization according to [‘langs’ codelist](#_ww26dza878zr) |
| **ocid** |  |  |
| **lot-id** |  |  |

Award Scheme

To get the needed scheme for the preparation of update of an auto-generated AWARD:

**Request params**

|  |  |  |
| --- | --- | --- |
| **Title** | **Value** | **Description** |
| **form** | AWARD | Identifier of needed form according to [‘form’ codelist](#_n843e3unuzkm) |
| **lang** |  | Identifier of needed localization according to [‘langs’ codelist](#_ww26dza878zr) |
| **lot-id** |  | identifier of lot |

Contract Preparation Scheme

To get needed scheme for preparation of update of auto-generated CONTRACT:

**Request params**

|  |  |  |
| --- | --- | --- |
| **Title** | **Value** | **Description** |
| **form** | CONTRACT | Identifier of needed form according to [‘form’ codelist](#_n843e3unuzkm) |
| **lang** |  | Identifier of needed localization according to [‘langs’ codelist](#_ww26dza878zr) |

###### 

###### Form Service Parameters

‘lang’ codes

|  |  |
| --- | --- |
| **EN** | English |
| **RU** | Russian |
| **RO** | Romanian |

‘country’ codes

|  |  |
| --- | --- |
| **MD** | Republic of Moldova |

‘form’ codes

|  |  |
| --- | --- |
| **EI** | Expenditure Item |
| **UPDATE-EI** | Update of existing EI |
| **FS** | Funding Source |
| **UPDATE-FS** | Update of existing FS |
| **PN** | Planning Notice |
| **UPDATE-PN** | Update of existing PN |
| **CN** | Contract Notice |
| **UPDATE-CN** | Update of existing CN |
| **BID** | Bid |
| **UPDATE-BID** | Update of existing bid |
| **ENQUIRY** | Enquiry |
| **ANSWER** | Answer for specific enquiry |
| **AWARD** | Award |
| **UPDATE-AC** | Update of automatically prepared draft of future contract |
| **CANCELLATION-TENDER** | Cancellation of contracting process |
| **CANCELLATION-LOT** | Cancellation of specific lot of contracting process |

‘funder’ codelist

|  |  |
| --- | --- |
| **BUYER** |  |
| **STATE** |  |
| **DONOR** |  |

‘payer’ codelist

|  |  |
| --- | --- |
| **BUYER** |  |
| **THIRDPARTY** |  |
| **FUNDER** |  |

‘procuringEntity’ codelist

|  |  |
| --- | --- |
| **BUYER** |  |
| **THIRDPARTY** |  |

‘responsibleContactPerson’ codelist

|  |  |  |
| --- | --- | --- |
| **BUYER** |  |  |
| **THIRDPARTY** |  |  |

‘pmd’ codelist

|  |  |
| --- | --- |
| **MV** | Micro Value Procedure |
| **SV** | Small Value Procedure |
| **OT** | Open Tender Procedure |

###### How to Convert to OCDS-ready payload

Receiving a form is just a first step in the preparation of the data-set (payload) to be processed by CDU. Then the form is completed by user, collected data should be transformed into command-model, described for each type of data-entity separately (see description in 'Data-models' section). To do that ocds-hints can be used. Such hints provided by form-service within json-schema for each form-row. Each hint contains a path (attribute 'ocds'). Collected data should be placed in prepared dataset according to this path for build a expected command model.

For this purposes next JavaScript scenario could be used:

|  |
| --- |
| **function** **convertJSONtoOCDS**(data, schema) {  **const** isObject = value => value && **typeof** value === "object" && value.constructor === Object;  **const** isArray = value => Array.isArray(value);  **const** path = [];  **const** paths = [];  **let** docIndex = 0;  **let** itemIndex = 0;  **const** OCDSJSON = {};  **function** **getOneOfIndex**(schema, arr) {  **const** testField = Object.keys(schema)[0];  **for** (**let** [testIndex, variant] **of** schema[testField]["oneOf"].entries()) {  **if** (variant["properties"].hasOwnProperty(arr[0])) {  **return** [testField, testIndex];  }  }  }  **function** **getPaths**(data) {  **for** (**let** key **in** data) {  **if** (isObject(data[key])) {  path.push(key);  getPaths(data[key]);  } **else** **if** (isArray(data[key]) && isObject(data[key][0])) {  path.push(key);  **for** (**let** [index,] **of** data[key].entries()) {  **if** (key === "documents") {  path.push(docIndex);  ++docIndex;  } **else** **if** (key === "items") {  path.push(itemIndex);  ++itemIndex;  } **else** {  path.push(index);  }  getPaths(data[key][index]);  path.pop();  }  } **else** **if** (!isObject(data[key])) {  path.push(key);  paths.push({  path: path.slice(),  value: data[key]  });  }  **if** (path.length > 0) {  path.pop();  }  }  }  **function** **getOCDS**(schema, arr) {  **for** (**let** item **of** arr) {  **if** (schema["properties"][item].hasOwnProperty("ocds") ||  (schema["properties"][item].hasOwnProperty("items") &&  schema["properties"][item]["items"].hasOwnProperty("ocds"))) {   **if** (schema["properties"][item].hasOwnProperty("ocds")) {  **return** schema["properties"][item]["ocds"];  } **else** {  **return** schema["properties"][item]["items"]["ocds"];  }  }  **if** (schema["properties"][item].hasOwnProperty("items") && !schema["properties"][item].hasOwnProperty("ocds")) {  **const** firstEl = arr[0];  arr.shift();  arr.shift();  **return** getOCDS(schema["properties"][firstEl]["items"], arr);  } **else** **if** (schema["properties"][item].hasOwnProperty("dependencies")) {  **const** firstEl = arr[0];  arr.shift();  **const** [testField, testIndex] = getOneOfIndex(schema["properties"][firstEl]["dependencies"], arr);  **return** getOCDS(schema["properties"][firstEl]["dependencies"][testField]["oneOf"][testIndex], arr);  } **else** **if** (isObject(schema["properties"][item])) {  **const** firstEl = arr[0];  arr.shift();  **return** getOCDS(schema["properties"][firstEl], arr);  }  }  }  **function** **getOCDSPath**(schema, path) {  **for** (**let** item **of** path) {  item["ocds"] = getOCDS(schema, item["path"].slice());  }  }  **function** **getItemIndex**(arr, key) {  **for** (**let** [index, item] **of** arr.entries()) {  **if** (item === key) {  **return** arr[index + 1];  }  }  }  **function** **fillOCDS**(formPath, pathsArr, value, obj) {  **const** [nodeName, type] = pathsArr[0].split("::");  **if** (type === "object") {  **if** (!obj.hasOwnProperty(nodeName)) {  obj[nodeName] = {};  }  pathsArr.shift();  fillOCDS(formPath, pathsArr, value, obj[nodeName]);  } **else** **if** (type === "array[object]") {  **if** (!obj.hasOwnProperty(nodeName)) {  obj[nodeName] = [];  }  **let** i = getItemIndex(formPath, nodeName);  **if** (obj[nodeName].length < i + 1) {  obj[nodeName][i] = {};  }  pathsArr.shift();  fillOCDS(formPath, pathsArr, value, obj[nodeName][i]);  } **else** **if** (type !== "object" && type !== "array[object]") {  obj[nodeName] = value;  }  }  getPaths(data);  getOCDSPath(schema, paths);  **for** (**let** item **of** paths) {  **if** (item.ocds) {  **const** ocdsPathArr = item.ocds.split("/");  fillOCDS(item.path, ocdsPathArr, item.value, OCDSJSON);  }  }  **return** OCDSJSON; } |

#### BPE

A Business Process Engine (BPE) is a software framework that enables the execution and maintenance of process workflows. It provides business process interaction and communication between different data/process. The framework used to link and manage all MTender processes is *Cassandra*. You can read more about this in the section 4*. Business Process Engine* of the *\_ARCHITECTURE OF THE OCDS OPEN SOURCE CENTRAL UNIT OF THE ELECTRONIC PUBLIC PROCUREMENT SYSTEM - v3.0* document.

MTender uses ‘Camunda’ as the main business process engine (BPE). ‘Camunda’ is an open-source flexible framework for workflow and process automation with a native BPMN 2.0. in its core that enables the execution and maintenance of process workflows. It provides business process interaction and communication between different data/process sources spread across one or more IT applications and services.

|  |  |
| --- | --- |
| **Learn more about** [**Camunda BPE**](https://camunda.org) |  |

##### Overview

###### AccessPoint

|  |
| --- |
| **https://sandbox.bpe.mtender.gov.md** |

###### Request

All requests for Form Service are use POST-method (same as for parent Operation Service)

|  |
| --- |
| **POST** endPoint?specificParams[...] HTTP/1.1 Authorization: Bearer ... X-OPERATION-ID: ... Content-Type: application/json Host: sandbox.bpe.mtender.gov.md |

Specific Params

Set of specific parameters required in particular case. Described below.

###### Response

For all valid queries, the response will have a common structure:

|  |
| --- |
| 202 Accepted Content-Type: application/json; charset=UTF-8 |

|  |  |
| --- | --- |
| **Objects "schema" and "data" will be present even if they are empty** |  |

For all invalid queries, the response will have a common structure:

|  |
| --- |
| 4XX Content-Type: application/json; charset=UTF-8 {  "errors":[  {  "code": "",  "description": ""  }  ] } |

###### Functionality

* Budgeting
  + Expenditure Item
  + Funding Source
* Planning
  + PN
* Announcement
  + CN
  + CNonPN
  + Tender/Lot cancellation
* Clarification
  + Enquiry
  + Answer
* Submission
  + Bidding
  + Withdrawing of bids
* Awarding
  + Awarding step
  + Awarding protocol
* Contracting
  + Contract preparation
  + Contract issuing
  + Contract signing
  + Contract activation

##### How to work with

###### Expenditure Item (EI)

Create ei

To create new entity of EI standard [POST data model](#_9wovobcqdvbf) should be used for preparation of POST-request for BPE. Such POST-request must be based on EI data-model and includes only required and optional data-fields.

|  |
| --- |
| **POST** /do/ei?country=... |

**Request parameters**

|  |  |
| --- | --- |
| **country** | Identifier of country of jurisdiction according to [‘country’ codelist](#_bs2kmvk44pui) |

Update ei

To update existing entity of EI existing [rules for update of EI](#_wl3zgfemys4) must be considered for preparation of request.

|  |
| --- |
| **POST** /do/ei/ocid |

**Request parameters**

|  |  |
| --- | --- |
| **ocid** | OCID of EI to be updated |

###### Funding Source (FS)

Create fs

To create new entity of FS standard [POST data model](#_egyw9rx6ncd2) should be used for preparation of POST-request for BPE. Such POST-request must be based on FS data-model and includes only required and optional data-fields.

|  |
| --- |
| **POST** /do/fs/ocid |

**Request parameters**

|  |  |
| --- | --- |
| **ocid** | OCID of parent EI |

Update fs

To update existing entity of FS existing [rules for update of FS](#_31t0d4z7xgm) must be considered for preparation of request.

|  |
| --- |
| **POST** /do/fs/ocid/fs-ocid |

**Request parameters**

|  |  |
| --- | --- |
| **ocid** | OCID of parent EI |
| **fs-ocid** | OCID of FS to be updated |

###### Planning Notice (PN)

Create pn

To create new entity of PN standard [POST data model](#_ivshjrn5snw7) should be used for preparation of POST-request

|  |
| --- |
| **POST** /do/pn?country=...&pmd=... |

**Request parameters**

|  |  |
| --- | --- |
| **country** | Identifier of country of jurisdiction according to [‘country’ codelist](#_bs2kmvk44pui) |
| **pmd** | Identifier procurementMethodDetails according to [‘pmd’ codelist](#_aftn7smycjc5) |

**Update *pn***

To update an existing entity of PN standard [Command Model](#_ivshjrn5snw7) should be used.

|  |
| --- |
| **POST** /do/pn/ocid/pn-ocid |

**Request parameters**

|  |  |
| --- | --- |
| **ocid** | OCID of parent Contracting Process |
| **pn-ocid** | OCID of PN to be updated |

###### Contract Notice (CN)

Create cn

To create new entity of CN standard [Command Model](#_ivshjrn5snw7) should be used.

|  |
| --- |
| **POST** /do/cn?country=...&pmd=... |

**Request parameters**

|  |  |
| --- | --- |
| **country** | Identifier of country of jurisdiction according to [‘country’ codelist](#_bs2kmvk44pui) |
| **pmd** | Identifier procurementMethodDetails according to [‘pmd’ codelist](#_aftn7smycjc5) |

Create cn based on pn

|  |
| --- |
| **POST** /do/pn/ocid/pn-ocid |

**Request parameters**

|  |  |
| --- | --- |
| **ocid** | OCID of parent Contracting Process |
| **pn-ocid** | OCID of PN to be updated |

Update cn

|  |
| --- |
| **POST** /do/cn/ocid/cn-ocid |

**Request parameters**

|  |  |
| --- | --- |
| **ocid** | OCID of parent Contracting Process |
| **cn-ocid** | OCID of CN to be updated |

###### Clarification

Create enquiry

|  |
| --- |
| **POST** /do/enquiry |

**Request parameters**

|  |  |
| --- | --- |
| **cpid** | OCID of parent Contracting Process |
| **ocid** | OCID of CN |

Create answer

|  |
| --- |
| **POST** /do/enquiry |

**Request parameters**

|  |  |
| --- | --- |
| **cpid** | OCID of parent Contracting Process |
| **ocid** | OCID of CN |
| **answer-id** | Identifier of enquiry |

###### Submission

Create bid

|  |
| --- |
| **POST** /do/bid |

**Request parameters**

|  |  |
| --- | --- |
| **cpid** | OCID of parent Contracting Process |
| **ocid** | OCID of CN |

Update bid

|  |
| --- |
| **POST** /do/bid |

**Request parameters**

|  |  |
| --- | --- |
| **cpid** | OCID of parent Contracting Process |
| **ocid** | OCID of CN |
| **bidid** | Identifier of bid |

Update winning bid

|  |
| --- |
| **POST** /do/bidDocs |

**Request parameters**

|  |  |
| --- | --- |
| **cpid** | OCID of parent Contracting Process |
| **ocid** | OCID of CN |
| **bidid** | Identifier of bid |

Withdraw bid

|  |
| --- |
| **POST** /cancel/bid |

**Request parameters**

|  |  |
| --- | --- |
| **cpid** | OCID of parent Contracting Process |
| **ocid** | OCID of CN |
| **bidid** | Identifier of bid |

###### Awarding

The award section is used to announce any awards issued for this tender. Releases can contain all, or a subset, of these awards. A related award block is required alongside every contract block, as the award contains information on the suppliers.

Update award

To update created ‘award’ standard data-model should be used for preparation of POST-request for BPE.

|  |
| --- |
| **POST** /do/award/ |

**Request parameters**

|  |  |
| --- | --- |
| **cpid** | OCID of parent Contracting Process |
| **ocid** | OCID of CN |
| **awardid** | Identifier of award |

Submit awarding protocol

Once winner is selected for each lot, CA submits the protocol which, in its turn, indicates the end of awarding process. To submit ‘protocol’ to particular stage CA should send related POST-request for BPE

|  |
| --- |
| **POST** /do/protocol |

**Request parameters**

|  |  |
| --- | --- |
| **cpid** | OCID of parent Contracting Process |
| **ocid** | OCID of CN |
| **lotid** | Identifier of lot |

###### Contracting

Update awarded contract

|  |
| --- |
| **POST** /do/contract/ocid/ac-ocid |

**Request parameters**

|  |  |
| --- | --- |
| **ocid** | OCID of parent Contracting Process |
| **ac-ocid** | OCID of the *contract* to be updated |

Issue contract to be approved

|  |
| --- |
| **POST** /issue/contract/ocid/ac-ocid |

**Request parameters**

|  |  |
| --- | --- |
| **ocid** | OCID of parent Contracting Process |
| **ac-ocid** | OCID of the *contract* to be issued |

Approve contract

|  |
| --- |
| **POST** /do/confirmation/ocid/ac-ocid/request-id |

**Request parameters**

|  |  |
| --- | --- |
| **ocid** | OCID of parent Contracting Process |
| **ac-ocid** | OCID of the *contract* to be approved |
| **request-id** |  |

Activate approved contract

|  |
| --- |
| **POST** /activate/contract/ocid/ac-ocid |

**Request parameters**

|  |  |
| --- | --- |
| **ocid** | OCID of parent Contracting Process |
| **ac-ocid** | OCID of the *contract* to be activated |

Cancel awarded contract

|  |
| --- |
| **POST** /cancel/contract/ocid/ac-ocid |

**Request parameters**

|  |  |
| --- | --- |
| **ocid** | OCID of parent Contracting Process |
| **ac-ocid** | OCID of the *contract* to be cancelled |

#### Master data service

##### AccessPoint

|  |
| --- |
| **https://sandbox.public.mtender.gov.md** |

##### Functionality

###### Common Procurement Vocabulary

Common codes

|  |
| --- |
| **GET** /mdm/cpv?lang=...&code=09000000-3 HTTP/1.1 Host: sandbox.public.mtender.gov.md |

Supplementary codes

|  |
| --- |
| **GET** /mdm/cpvs?lang=en HTTP/1.1 Host: sandbox.public.mtender.gov.md |

###### Units of Measure

Class

|  |
| --- |
| **GET** /mdm/units-class?lang=... HTTP/1.1 Host: sandbox.public.mtender.gov.md |

Units in class

|  |
| --- |
| **GET** /mdm/unit?lang=...&unitClass=... HTTP/1.1 Host: sandbox.public.mtender.gov.md |

###### Organizations Identifier Schema

|  |
| --- |
| **GET** /mdm/registration-scheme?country=...&lang=... HTTP/1.1 Host: sandbox.public.mtender.gov.md |

###### Geography

Countries

|  |
| --- |
| **GET** /mdm/country?lang=... HTTP/1.1 Host: sandbox.public.mtender.gov.md |

Regions

|  |
| --- |
| **GET** /mdm/region?lang=...?country=... HTTP/1.1 Host: sandbox.public.mtender.gov.md |

Locality

|  |
| --- |
| **GET** /mdm/locality?lang=...?country=...&region=... HTTP/1.1 Host: sandbox.public.mtender.gov.md |

###### Languages

|  |
| --- |
| **GET** /mdm/languages?lang=en HTTP/1.1 Host: sandbox.public.mtender.gov.md |

###### Currency

|  |
| --- |
| **GET** /mdm/currency?lang=...&country=... HTTP/1.1 Host: sandbox.public.mtender.gov.md |

###### Procurement Method Details

|  |
| --- |
| **GET** /mdm/pmd?lang=...&country=... HTTP/1.1 Host: sandbox.public.mtender.gov.md |

# Tutorial

## Operating Entities: CAs and EOs

eProcurement.System toolkit based on OCDS 1.1 and, according to standard, it is required (and enough) to describe any Legal Entity using standardized ‘[Organization](http://standard.open-contracting.org/latest/en/schema/reference/#organization)’ object. Such data-set permits to operate and create data by such organization. But since toolkit as such covers more wide range of process and needs more data to be collected for a range of different purposes (starting from pre-selection and, for example, prediction of conflicts of interest on the early stages up to issuing of valid electronic contract and its execution) it should be clarified that more data-fields for specific Legal Entity (either CA or EO) should be extracted on different stages of operating or once - centralized on registration stage.

### Extended ‘Organization’ model

For the needs of a more detailed identification of the organization, as well as the disclosure of data of such an organization for the purpose of global disclosure of information about the contract process or its parts, additional classification data, public registries data and so on shall be recorded. In particular, in the electronic procurement system in the Republic of Moldova for the preparation of an electronic contract, a whole set of such data for the selected supplier has to be provided along with standard data-set collected according to ‘Organization’ object.

#### For Economic Operator

##### Initial profile (registration of bid)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute** | | | | **OCDS attribute** | **Default** |
| A | Entity Role | | | roles | supplier, auto-generated |
| B | Entity Short Name | | | name |  |
| C | Entity National identifier | | | Identifier according to IDNO register |  |
| C | 1 | Register code | | identifier.scheme | MD-IDNO |
| C | 2 | Identifier | | identifier.id |  |
| C | 3 | Legal Name | | identifier.legalName |  |
| D | Entity Legal Address | | |  |  |
| D | 1 | Country | |  |  |
| D | 1 | 1 | Classifier code | address.addressDetails.country.scheme | iso-alpha2 |
| D | 1 | 2 | Identifier | address.addressDetails.country.id |  |
| D | 1 | 3 | Description | address.addressDetails.country.description |  |
| D | 2 | Locality | |  |  |
| D | 2 | 1 | Classifier code | address.addressDetails.locality.scheme | CUATM |
| D | 2 | 2 | Identifier | address.addressDetails.locality.id |  |
| D | 2 | 3 | Description | address.addressDetails.locality.description |  |
| D | 3 | Region | |  |  |
| D | 3 | 1 | Classifier code | address.addressDetails.region.scheme | MD-CUATM |
| D | 3 | 2 | Identifier | address.addressDetails.region.id |  |
| D | 3 | 3 | Description | address.addressDetails.region.description |  |
| D | 4 | Postal Code | | address.postalCode |  |
| D | 5 | Street Address | | address.streetAddress |  |

##### Complete profile (contract preparation)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Attribute** | | | | | | **OCDS attribute** | **Default** |
| E | Type of supplier | | | | | details.typeOfSupplier |  |
| F | Classification of scale | | | | | details.scale |  |
| H | Main economic activities | | | | | details.mainEconomicActivities[] |  |
| I | Legal form of organization | | | | |  |  |
| I | 1 | Classifier code | | | | details.legalForm.scheme | MD-CFOJ |
| I | 2 | Identifier | | | | details.legalForm.id |  |
| I | 3 | Description | | | | details.legalForm.description |  |
| J | State registration details | | | | |  |  |
| J | 1 | Date of registration | | | | details.permits.validityPeriod.startDate |  |
| J | 2 | State registry no | | | | details.permits.id |  |
| J | 3 | Register code | | | | details.permits.scheme | MD-SRLE |
| K | Related Entities | | | | |  |  |
| k | 1 | Parent Entities | | | |  |  |
| K | 1 | 1 | Register code | | |  |  |
| K | 1 | 2 | Identifier | | |  |  |
| k | 1 | 3 | Description | | |  |  |
| K | 2 | Branches | | | |  |  |
| K | 2 | 1 | Register code | | |  |  |
| K | 2 | 2 | Identifier | | |  |  |
| K | 2 | 3 | Description | | |  |  |
| K | 3 | Consortiums, Unions, etc | | | |  |  |
| K | 3 | 1 | Register code | | |  |  |
| K | 3 | 2 | Identifier | | |  |  |
| K | 3 | 3 | Description | | |  |  |
| L | Related Personnels | | | | |  |  |
| L | 1 | Authority | | | |  |  |
| L | 1 | 1 | Title | | | persone.title |  |
| L | 1 | 2 | Full Name | | | persone.name |  |
| L | 1 | 3 | Business function | | |  |  |
| L | 1 | 3 | 1 | Function | |  |  |
| L | 1 | 3 | 1 | 1 | code | persone.businessFunction.type | authority |
| L | 1 | 3 | 1 | 2 | description | persone.businessFunction.jobTitle |  |
| L | 1 | 3 | 2 | Period of validity | | persone.businessFunction.period |  |
| L | 1 | 3 | 3 | Proxy legal basis | |  |  |
| L | 1 | 3 | 3 | 1 | id | persone.businessFunction.document.id |  |
| L | 1 | 3 | 3 | 2 | url | persone.businessFunction.document.uri |  |
| L | 1 | 3 | 3 | 3 | name | persone.businessFunction.document.title |  |
| L | 1 | 4 | Identification number | | |  |  |
| L | 1 | 4 | 1 | Register code | | persone.identifier.scheme | MD-IDNP |
| L | 1 | 4 | 2 | Identifier | | persone.identifier.id |  |
| L | 1 | 4 | 3 | Description | | persone.identifier.description |  |
| L | 2 | Authorized Representative | | | |  |  |
| L | 2 | 1 | Full name | | | contactPoint.name |  |
| L | 2 | 2 | E-mail | | | contactPoint.email |  |
| L | 2 | 3 | Telephone | | | contactPoint.telephone |  |
| M | Permits and licenses | | | | |  |  |
| M | 1 | Register code | | | | details.permits.scheme | MD-SRL |
| M | 2 | Identifier | | | | details.permits.id |  |
| M | 3 | Description | | | | details.permits.description |  |
| M | 4 | Details | | | |  |  |
| M | 4 | 1 | Issued by | | | details.permits.permitDetails.issuedBy |  |
| M | 4 | 2 | Period of validity | | | details.permits.permitDetails.validityPeriod |  |
| M | 4 | 3 | Issued thought | | | details.permits.permitDetails.economicActivityReference |  |
| N | VAT status of organization | | | | |  |  |
| N | 1 | Register code | | | | additionalIdentifiers.scheme | MD-VAT |
| N | 2 | Identifier | | | | additionalIdentifiers.id |  |
| O | Bank Reference | | | | |  |  |
| O | 1 | Bank Name | | | | details.bankAccount.bankName |  |
| O | 2 | Bank code | | | |  |  |
| O | 2 | 1 | Register Code | | | details.bankAccount.identifier.scheme | MD-BNM |
| O | 2 | 2 | Identifier | | | details.bankAccount.identifier.id |  |
| O | 3 | Details (branch num, etc) | | | | details.bankAccount.description |  |
| O | 4 | Bank address | | | |  |  |
| O | 4 | 1 | Country | | |  |  |
| O | 4 | 1 | 1 | Classifier code | | details.bankAccount.address.addressDetails.country.scheme | iso-alpha2 |
| O | 4 | 1 | 2 | Identifier | | details.bankAccount.address.addressDetails.country.id |  |
| O | 4 | 1 | 3 | Description | | details.bankAccount.address.addressDetails.country.description |  |
| O | 4 | 2 | Locality | | |  |  |
| O | 4 | 2 | 1 | Classifier code | | details.bankAccount.address.addressDetails.locality.scheme | MD-CUATM |
| O | 4 | 2 | 2 | Identifier | | details.bankAccount.address.addressDetails.locality.id |  |
| O | 4 | 2 | 3 | Description | | details.bankAccount.address.addressDetails.locality.description |  |
| O | 4 | 3 | Region | | |  |  |
| O | 4 | 3 | 1 | Classifier code | | details.bankAccount.address.addressDetails.region.scheme | MD-CUATM |
| O | 4 | 3 | 2 | Identifier | | details.bankAccount.address.addressDetails.region.id |  |
| O | 4 | 3 | 3 | Description | | details.bankAccount.address.addressDetails.region.description |  |
| O | 4 | 4 | Postal Code | | | details.bankAccount.address.postalCode |  |
| O | 4 | 5 | Street Address | | | details.bankAccount.address.streetAddress |  |
| O | 5 | Settlement account | | | |  |  |
| O | 5 | 1 | Classifier code | | | accountIdentification.scheme | MD-IBAN |
| O | 5 | 2 | identifier | | | accountIdentification.id |  |

#### For Contracting Authority

##### Initial profile (registration of the contract notice)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute** | | | | **OCDS attribute** | **Default** |
| A | Entity Role | | |  |  |
| B | Entity Short Name | | |  |  |
| C | Entity National identifier | | |  |  |
| C | 1 | Register code | |  |  |
| C | 2 | Identifier | |  |  |
| C | 3 | Legal Name | |  |  |
| D | Entity Legal Address | | |  |  |
| D | 1 | Country | |  |  |
| D | 1 | 1 | Classifier code |  |  |
| D | 1 | 2 | Identifier |  |  |
| D | 1 | 3 | Description |  |  |
| D | 2 | Locality | |  |  |
| D | 2 | 1 | Classifier code |  |  |
| D | 2 | 2 | Identifier |  |  |
| D | 2 | 3 | Description |  |  |
| D | 3 | Region | |  |  |
| D | 3 | 1 | Classifier code |  |  |
| D | 3 | 2 | Identifier |  |  |
| D | 3 | 3 | Description |  |  |
| D | 4 | Postal Code | |  |  |
| D | 5 | Street Address | |  |  |
| E | Classification of type of organization | | |  |  |
| F | Main General Activity | | |  |  |
| G | Main Sectoral Activity | | |  |  |
| H | Classification according to GPA | | |  |  |
| I | 1 | GPA Annex | |  |  |
| I | 1 | 1 | Classifier code |  |  |
| I | 1 | 2 | Identifier |  |  |
| I | 1 | 3 | Description |  |  |
| J | 2 | GPA Sub-annex | |  |  |
| J | 2 | 1 | Classifier code |  |  |
| J | 2 | 2 | Identifier |  |  |
| J | 2 | 3 | Description |  |  |

###### 

##### Complete profile (contract preparation)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Attribute** | | | | | | **OCDS attribute** | **Default** |
| K | Legal form of organization | | | | |  |  |
| K | 1 | Classifier code | | | |  |  |
| K | 2 | Identifier | | | |  |  |
| K | 3 | Description | | | |  |  |
| L | State registration details | | | | |  |  |
| L | 1 | Date of registration in registry | | | |  |  |
| L | 2 | State registry no | | | |  |  |
| L | 3 | Branch (subsidiary) unit code | | | |  |  |
| L | 4 | Authorization number | | | |  |  |
| M | Related Entities | | | | |  |  |
| M | 1 | Parent Entities | | | |  |  |
| M | 1 | 1 | Register code | | |  |  |
| M | 1 | 2 | Identifier | | |  |  |
| M | 1 | 3 | Description | | |  |  |
| M | 2 | Branches | | | |  |  |
| M | 2 | 1 | Register code | | |  |  |
| M | 2 | 2 | Identifier | | |  |  |
| M | 2 | 3 | Description | | |  |  |
| M | 3 | Consortiums, Unions, etc | | | |  |  |
| M | 3 | 1 | Register code | | |  |  |
| M | 3 | 2 | Identifier | | |  |  |
| M | 3 | 3 | Description | | |  |  |
| N | Related Personnels | | | | |  |  |
| N | 1 | Contracting Authority | | | |  |  |
| N | 1 | 1 | Title | | |  |  |
| N | 1 | 2 | Full Name | | |  |  |
| N | 1 | 3 | Business function / role | | |  |  |
| N | 1 | 3 | 1 | Function | |  |  |
| N | 1 | 3 | 1 | 1 | Classifier code |  |  |
| N | 1 | 3 | 1 | 2 | Identifier |  |  |
| N | 1 | 3 | 1 | 3 | Description | Job title |  |
| N | 1 | 3 | 2 | Period of validity | |  |  |
| N | 1 | 3 | 3 | Proxy legal basis | |  |  |
| N | 1 | 4 | Identification number of person | | |  |  |
| N | 1 | 4 | 1 | Register code | |  |  |
| N | 1 | 4 | 2 | Identifier | |  |  |
| N | 1 | 4 | 3 | Description | |  |  |
| N | 2 | Procurement Officer | | | |  |  |
| N | 2 | 1 | Full name | | |  |  |
| N | 2 | 2 | E-mail | | |  |  |
| N | 2 | 3 | Telephone | | |  |  |
| O | VAT status of organization | | | | |  |  |
| O | 1 | VAT code if applicable | | | |  |  |
| P | Bank Reference of organization | | | | |  |  |
| P | 1 | Bank Name | | | |  |  |
| P | 2 | Bank code | | | |  |  |
| P | 2 | 1 | Register Code | | |  |  |
| P | 2 | 2 | Identifier | | |  |  |
| P | 2 | 3 | Reference description | | |  |  |
| P | 2 | 4 | Bank address | | |  |  |
| P | 2 | 4 | 1 | Country | |  |  |
| P | 2 | 4 | 1 | 1 | Classifier code |  |  |
| P | 2 | 4 | 1 | 2 | Identifier |  |  |
| P | 2 | 4 | 1 | 3 | Description |  |  |
| P | 2 | 4 | 2 | Locality | |  |  |
| P | 2 | 4 | 2 | 1 | Classifier code |  |  |
| P | 2 | 4 | 2 | 2 | Identifier |  |  |
| P | 2 | 4 | 2 | 3 | Description |  |  |
| P | 2 | 4 | 2 | 4 | Region |  |  |
| P | 2 | 4 | 2 | 5 | Classifier code |  |  |
| P | 2 | 4 | 2 | 6 | Identifier |  |  |
| P | 2 | 4 | 2 | 7 | Description |  |  |
| P | 2 | 4 | 3 | Postal Code | |  |  |
| P | 2 | 4 | 4 | Street Address | |  |  |
| P | 3 | Settlement account | | | |  |  |

## ESPD in MTender

1. The below MTender ESPD self-declaration form replaces the requirement for the candidates and

* the tenderers to provide up-front evidence or certificates by allowing EOs to self-declare that they:
* do not fall within a ground for exclusion from procurement procedure (min qualification requirements);
* meet the relevant contract-specific qualification requirements;
* fulfil the objective selection criteria and rules set up by the CA in order to reduce the number of candidates in procurement procedure by preselecting best candidates among all candidates qualified in accordance to qualification requirements as prescribed in the contract notice.

1. A set of standardised minimum qualification requirements aligned to the relevant sections of the MTender ESPD form shall be used to define minimum qualification requirements in the contract notices.
2. The MTender ESPD form consist of the following sections:

### Part I

Information concerning the procurement procedure and the contracting authority – Registration Form of the contracting entity

### Part II

Information concerning the economic operator – Registration Form of the economic operator

1. Information about the economic operator.
2. Information about representatives of the economic operator
3. Information about reliance on the capacities of other entities, including members of consortium, subcontractors or other third parties
4. Information concerning subcontractors on whose capacity the economic operator does not rely

### Part III

Minimum qualification requirements (eligibility and exclusion grounds):

1. Grounds relating to criminal convictions.
2. Grounds relating to the payment of taxes or social security contributions.
3. Blacklisting.
4. Grounds relating to insolvency, conflicts of interests or professional misconduct.

### Part IV

Contract-specific qualification requirements (selection criteria). Prescribed by CA in the contract notice, may be answered in the Tender Form

1. Suitability
2. Economic and financial standing
3. Technical and professional ability
4. Quality assurance schemes and environmental management standards
5. Global indication for all selection criteria

### Part V

Reduction of the number of qualified candidates – Pre-selection (restricted tender and other procurement methods with scoring of qualified candidates). Prescribed by CA in the contract notice, may be answered in the Tender Form

### Part VI

Legal Statements

## Documents of ‘bid’: what “envelopes” means

Electronic bids shall be submitted to the MTender with a content and form as prescribed in the Contract Notice and in the Tender Documents, following standard forms and online submission procedure as prescribed in the terms of use of the MTender. The Economic Operator may be required to submit the Electronic bid packaged into one or several, together or subsequently, submitted specific electronic documents (the MTender ESPD Declaration for: minimum qualification requirements (ESPD I-III), contract-specific qualification requirements (ESPD IV), and selectrion criteria (ESPD V), Tender Form, Technical offer and Financial offer). In particular, the MTender ESPD Declaration may be required to be submitted as a separate Electronic document, if automated verification is possible. If required by the Client in the Contract Notice, electronic catalogues shall be submitted comprising together the Technical and Financial offer.

### Envelopes

#### a. Submission Documents

* Tender Form
* If applicable, Tender Security
* If applicable, Manufacturer’s Authorisation
* If applicable, Professional Insurer
* If applicable, Bank Guarantee for Advance Payment

#### b. Commercial offer (technical)

* Letter of Acceptance of Technical Specifications
* List of proposed subcontractors (NOT in the ESPD)
* Letter of Acceptance of Contract Terms and Conditions
* If applicable, Contract Performance Security
* If applicable, Preliminary Programme of Works, Services or Delivery of Goods
* If applicable, Site Organisation and Method Statement for Works

#### c. Commercial offer (financial)

* Price Schedules
* Bill of Quantities
* If applicable, Electronic catalogue

#### d. Eligibility documents

* Eligibility Information Sheet – ESPD I-III
* If applicable, Consortium Information Sheet – ESPD I-III for each member of consortium
* If applicable, Third Parties Information Sheet – ESPD I-III for each third party

#### e. Qualification documents

* Economic Operator Qualification Forms - ESPD IV-VI
* Financial Situation
* Financial Resources
* Average Annual Turnover
* Average Annual Contract Specific Turnover
* General Experience
* Contract Specific Experience
* Equipment
* Personnel
* Managerial Personnel

### Disclosure rules

1. Upon expiry of submission deadlines, the MTender shall generate automatically an electronic document with a record of opening of Electronic bids in the electronic tendering procedure (1.Submission Documents and 4.Eligibility Documents), disclosure Tender Forms in accordance to Article 62 of the Law and release Electronic bids for examination by the Tender Committee, except for cases of unsuccessful electronic tendering procedures, where no bids or no minimum number of bids required by the Law were submitted
2. An electronic tendering procedures with award criteria of lowest price, lowest cost or price and quality ratio where award of contract has been made with electronic auction, the Electronic documents of the Electronic bid other than disclosed during the bid opening session (2.Commercial offer\_Technical, 3.Commercial offer\_Financial, 5. Qualification documents) shall be initially disclosed only for the Economic Operator who submitted the winning bid in the electronic reverse auction
3. Upon completion of the electronic auction, the MTender shall disclosure online the Electronic documents of the Electronic bid of the Economic Operator who submitted the winning bid in the electronic auction. In the event that this Economic Operator is not determined to be qualified to perform the Contract (failed on 5. Qualification documents) or the Technical Offer is determined to be substantially non-responsive to the Tender Documents and the Electronic bid has been rejected by the decision of the Tender Committee (failed on 2.Commercial offer\_Technical), the MTender shall disclosure for the evaluation the second ranked bid from the auction, and so forth
4. In electronic tendering procedures with award criteria of lowest price and lowest cost without electronic auction to award the Contract, the MTender shall initially disclosure the Electronic documents (2.Commercial offer\_Technical, 3.Commercial offer\_Financial, 5.Qualification documents) of the Electronic bid of the Economic Operator with the lowest price or the lowest cost provided for in the Tender Form. In the event that the Economic Operator that has submitted the lowest price or the lowest cost is not determined to be qualified to perform the Contract (failed on 5. Qualification documents) or the Technical Offer is determined to be substantially non-responsive to the Tender Documents (2.Commercial offer\_Technical, 3.Commercial offer\_Financial) and has been rejected by the final decision of the Tender Committee, subject to the right of complaint of the Economic Operator, the MTender shall unlock for the evaluation the second ranked bid and so forth
5. In electronic tendering procedures with award criteria of price and quality ratio and without the electronic reverse auction to award the Contract, upon expiry of the submission deadlines the MTender shall initially disclosure for examination the MTender ESPD Declarations of the Economic Operators who submitted bids (5.Qualification documents), which should be, whenever possible, supported by automated services of the MTender. In the event that any ESPD declaration is identified as containing mandatory grounds for the exclusion of the Economic Operator, the Economic Operator shall be disqualified, unless clarifications are furnished in due course in accordance to procedure provided in the Tender Documents. When decision of the Client on qualification and disqualification is recorded and notified on the system, the MTender shall simultaneously disclosure the Electronic documents of all Electronic bids submitted by qualified Economic Operators for evaluation of Technical and Financial Offers (2.Commercial offer\_Technical, 3.Commercial offer\_Financial)

## Evaluation Committee

The process of evaluation of tenders is generally carried out by a suitably competent evaluation panel. A chairperson is usually appointed to lead, coordinate, give guidance and control the process of evaluation of tenders. The chairperson is responsible, inter alia, for ensuring that the process of evaluation of tenders is carried out in accordance with the general law and Treaty principles as well as local requirements. A secretary to the evaluation panel, generally with non-voting powers, is often appointed for the purposes of providing support to the chairperson, carrying out the administrative tasks linked to the evaluation process, and keeping the minutes of each meeting.

The way in which the members of the evaluation panel operate - for example whether they assess the tenders independently or jointly - depends on local legislation or local practice.

In principle, the evaluation panel normally has only the mandate to identify the best tender and to make a recommendation as to the award of the contract to the contracting authority.

In order to declare an evaluation panel member, PE while preparing a Contract Notice can add specific information about each person to be included into evaluation panel.

### Declaration of absence of conflict of interests

*"Member States shall ensure that contracting authorities take appropriate measures to effectively prevent, identify and remedy conflicts of interest arising in the conduct of procurement procedures so as to avoid any distortion of competition and to ensure equal treatment of all economic operators. The concept of conflicts of interest shall at least cover any situation where staff members of the contracting authority or of a procurement service provider acting on behalf of the contracting authority who are involved in the conduct of the procurement procedure or may influence the outcome of that procedure have, directly or indirectly, a financial, economic or other personal interest which might be perceived to compromise their impartiality and independence in the context of the procurement procedure."*

EU24/2014 Article 24. Conflicts of interest

#### Types of conflict

* "Conflict of interest" means any situation where an individual has an interest that may compromise or be reasonably perceived to compromise the individual’s capacity to act independently and in the public interest when providing advice to the Commission in relation to the subject of the work performed by the expert group or sub-group in question.
* "Immediate family member" means the individual’s spouse, children and parents.
* "Spouse" includes a partner with whom the individual has a registered non marital regime.
* "Children" means the child(ren) the individual and the spouse have in common, the own child(ren) of the individual and the own child(ren) of the spouse.
* "Legal entity" means any commercial business, industry association, consultancy, research institution or other enterprise whose funding is significantly derived from commercial sources. It also includes independent own commercial businesses, law offices, consultancies or similar.
* "Body" means a governmental, international or non-profit organisation.
* "Meeting" includes a series or cycle of meetings.

#### References

* [Standard declaration of interests (DOI) form for individuals applying to be appointed as members of Scientific Committees' Working Groups in a personal capacity](https://ec.europa.eu/health/scientific_committees/docs/declaration_interest_wg_en.pdf)
* [Template declaration of absence of conflict of interest and confidentiality](https://ec.europa.eu/regional_policy/sources/docgener/guides/public_procurement/2018/guidance_public_procurement_2018_en.pdf) (6.5)
* [Identifying conflicts of interests in public procurement procedures for structural actions](https://www.esfondi.lv/upload/02-kohezijas_fonds/Lielie_projekti/EK_vadl_par_interesu_konflikta_identif_publ_iepirk_EN.pdf)
* [Conflicts of Interest under EU procurement law](https://www.procurementanalysis.eu/app/download/5804183007/Presentation%2B27.pdf)

## Scoring function - structured criteria of evaluation

To achieve MEAT, the buyer can use a scoring function by defining a set of criteria, its available options and values of such options to determine the total available weight of all components of bid and background of evaluation.

The scoring function enables the buyer to articulate its preferences regarding the various attributes which are made public to all tenderers within Contract Notice published. And the Tenderers use this scoring function to value specific configurations and thus can understand how changes to the various attributes will affect the overall desirability of the bid.

Scoring function is a combination of the applied requirements together with conversions (group of coefficients related to each predefined or allowed valueof each requirement) for the Procurement Process under Contract Notice plus redefined formula which will be applied (automatically or manually) to calculate *normalized* price.

Creating a tender, Procuring Entity determines key fields of the yet-to-be announced procurement, uploads tender documentation, with the requirements to the subject of procurement indicated as that which determines winner evaluation criteria. Within such criteria in case of using of scoring function Procuring Entity defines:

* set of criteria
* set of values available for each defined criterion
* set of coefficients for available values, applicable once specific value is selected
* mathematical formula to be used in the electronic auction to determine automatic re-rankings on the basis of the new prices and/or new values submitted

### Criteria

Set of criteria may include different types of requirements, used in different ways and for different reasons. Moreover, some used criteria may be prescribed by the legal basis “by default” (exclusion grounds of ESPD or particular chapters of selection grounds from ESPD, like General yearly turnover).

#### Types of criteria

Under each Contracting Process Procuring Entity may define and apply various types of criteria for the scoring function. These different types are the following:

##### Exclusion grounds

A group of these criteria are eligibility criteria put forward by the Procuring Entity to the candidates - all of them are published in the Contract Notice and relate to the whole procedure.

|  |  |
| --- | --- |
| Full list of applicable exclusion ground described by [ESPD part III](#_ays3q1vk0tcz) |  |

##### Selection criteria and minimum requirements

The group of these criteria is also eligibility criteria, but it is optional for the Procuring Organization to apply for the tender. The criteria allow determining the quantitative and qualitative criteria for candidates for participation in the procedure.

|  |  |
| --- | --- |
| Full list of applicable exclusion ground described by [ESPD part IV](#_92dty72r9jtx) |  |

##### Allowances

The group of these criteria is the award criteria and should be taken into account by the Procuring Organization in cases determined by the relevant law, which also defines a set of such criteria and their values. Examples include the following criteria:

* The proposal of the candidate-resident of the country of jurisdiction receives a reduction factor
* The proposal of a candidate-resident of the country of jurisdiction if such candidate is an organization in the category of SMEs receives a reduction factor of price.

##### Non-price criteria

The group of these criteria is the award criteria and can be applied by the PEn in the case of the Most Economic Advantages Tender strategy. MEAT is recognized as winning according to the following criteria:

* in case of contracts for public procurement of goods - the price, delivery time, payment terms, profitability, quality, aesthetic, functional and technical characteristics, capabilities and cost of technical assistance and maintenance;
* in the case of contracts for public procurement of works - the proposed quality, the cost per unit of product of the bidder by the end of the work, the total price, the experience of the bidder, etc. The share of the price in the total evaluation of the offers should not be less than 80 per cent;
* in the case of contracts for public procurement of services - the proposed quality, the cost per unit of the offeror’s products, the total price, the experience of the bidder, etc. The price share in the total evaluation of the offers should not be less than 40 per cent.

So depending on the category of procurement, the PE can determine a set of non-price criteria (quantitative and qualitative) which will be taken into account along with the price part of the offer and affect the absolute economic value of the entire tender proposal of the participant, increasing his chances to win the tender, do not lower the price (suggesting the most favorable economic conditions).

#### Criterion values

Each of the described requirements may or may not be associated with a set of available values. For example, *Exclusion Grounds* available as ‘true/false’ flags and no other options. And *Selection* or *Non-price criteria* usually contains not only default or minimum requirements but also other values, available for the tenderers’ choice.

Where this is the case, Procuring Entity obliged to specify in advance:

1. values and the coefficients which will be the subject of electronic auction, provided that such values are quantifiable and can be expressed in figures or percentages
2. limits on the values which may be submitted, as they result from the specifications relating to the subject of the contract
3. mathematical formula to be used to determine automatic rankings of bids received

### Conversions

For those requirements associated with a set of available values, each value from a predefined set (or available according to described pattern) has to be associated with related weighting coefficient. This coefficient is a numeric value which will be applied under math formula of the scoring function of evaluation used under this contracting process to calculate an absolute economic value of each offer received.

### Formulation of the offer according to defined scoring function: structured bid

Having a set of requirements defined by Procuring Entity and a number of values available, tenderers by preparing their offers, include the values for each requirement, reflecting the substance of the offer and fulfilling general corporate profiles’ data requested by Procuring Entity or required by the Legal Framework of particular jurisdiction. While submitting their proposal tenderers also fill the non-price parameters — values for specific verifiable tenderer attributes of the offer.

During the following evaluation all these specified values will become the subject of competition, provided that such features are quantifiable and can be expressed in figures or percentages.

Each submitted offer includes:

* organization profile according to the extended ‘organization’ model
* absolute value of the amount of price offer
* decomposed set of unit prices (if requested by Procuring Entity)
* set of documents of the offer, specified with relevant types of documents for their future splitting into the different "envelopes"
* set of requirement responses according to criteria specified by Procuring Entity within Contract Notice:
  + commitment on exclusion grounds
  + commitment on selection criteria (including absolute values if applicable)
  + commitment on minimum technical requirements (including absolute values if applicable)
  + set of values for non-price criteria (if applicable)
  + set of values for subject specification (if applicable)

### Ranking for evaluation

As it's shown in the table below, automated ranking can be undertaken using a set of criteria and the relevant conversions applied by PE for each available value of each applied requirement and published in a Contract Notice on one hand. And the requirement responses submitted by each EO against published criteria on another hand. These two data-sets allows to calculate normalized value for each bid based on the same approach.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **price only** | **cost only** | **quality only** | **rated criteria** |
| **scoring function applied** | ranking based  on absolute value of the amount of price offer | ranking based  on absolute value of the amount of price offer considering set of values for quantifiable criteria by Procuring Entity (non-price criteria) | ranking based on  values for quantifiable and qualifiable criteria by Procuring Entity (technical requirements, non-price criteria, criteria on a subject specification) | ranking based on absolute value of the amount of price considering set of values for quantifiable and qualifiable criteria by Procuring Entity (technical requirements, non-price criteria, criteria on a subject specification) |
| **scoring function not applied** | - | - | - | - |

#### Normalized price

Where normalized price to be calculated - the following formula to be applied for each offer in order to identify most suitable by normalized price:

*Pn = P \* C1 \* C2 \* ... Cn*

where:

* Pn - value of normalized price
* P - basic price taken from bid received for specific lotor equal to '1' in case of ‘cost only’ and ‘quality only’ award criteria
* C1 ... Cn - values of the coefficients to be applied (related with a values of requirements, available for EO and indicated in requirement responses inside each particular bid)

#### Ranking approach

Depending on award criteria and availability of scoring function initial automated ranking can or can not be done:

##### price only

Where *awardCriteria: priceOnly* - only bid.value to be compared in order to identify most suitable offer - cheapest goes first

##### cost only

Where *awardCriteria: costOnly* - assumption is that all the tenderers have the same *bid.value* equal to lot.value. It means that the *normalized price* needs to be calculated for each bid received based on *lot.value* as a basis. Cheapest goes first

##### quality Only

Where *awardCriteria: qualityOnly* - assumption is that the price doesn't matter and the only valuable part of the bid is a quality - meaning set of values of criteria, selected by EO while submitting a bib. It means that the *normalized price* needs to be calculated for each bid received based on '1' as a basis. Cheapest goes first

##### rated criteria

Where *awardCriteria: ratedCriteria* - assumption is that both price and valuable part of the bid are matters. It means that the *normalized price* needs to be calculated for each bid received based on 'bid.value' as a basis. Cheapest goes first

### 

## Background functionality

### Main Procurement category identifying

In order to determine whether the subject matter of the procurement are goods, services or works you need to check the first two digits from the CPV code. As described above the CPV consists of nine digits. The first two digits identify the divisions (XX000000-Y). The identification of procurement whether it is goods, services or works is based on the first two digits of the CPV (which identify the division).

* If the CPV’s first two digits are from 03-44, 48 it means that the subject of procurement are supplies.
* If the CPV’s first two digits is 45 it means that the subject of procurement are works.
* If the CPV’s first two digits are from 50-98 it means that the subject of procurement are services.

### Initial budget validation

To be provided

### Automated eligibility check

To be provided

#### 

## Brief processes overview

### Budgeting

Budgeting phase is a stage where CA should assess and define the scope of his needs as well as disclose and describe existing fundings for each defined need. With this description CA will allow system to validate all future contracting processes from assessed needs and available funding perspective as well as control and disclose the progress of execution of this or that expenditure item, analyzing planned and announced procedures, conducted and executed or/and terminated contracts and made transactions.

#### Definition of needs

All needs could be divided into separate expenditure items - groups of needs united under common classification and procuring period for each specific buyer. For example: buyer needs to procure 25 different kinds of furniture (on this stage - doesn't matter which exactly) during the next year - all these needs are expenditure item «Furniture» under CPV-code 391. Thus, from a technical point of view such groups, expenditure items, are aggregated data-sets, based on common CPV-code and budget period (most often - year)

Each defined expenditure item, on an annual financial plans’ level, has available fundings. Thus, the next step of budgeting is a description of such available fundings. The ‘amount’ available under this expenditure item for this period is the sum of all sources of funding and its amounts, identified for this expenditure item.

#### Budget allocation

Either CA is funded via Treasury or has own funds, all these funds could be described with a unified model: funding source itself is a set of meta-data and quantitative values describe its volume, period of availability, source of fundings, rules of spending, responsible entities and so on as well as permitted target area - the classification of subject for which this specific budget can be spent.

This classification of subject together with period of availability of fundings could be used as a reference for parent expenditure item - their common indicative attributes that allow CA to «connect» set of funding sources under single expenditure item for some predefined period (budget period of EI that should cover all periods of availability of all joined FSs).

#### Differentiation of funding from source perspective

To be provided

#### Initial budget validation

To be provided

##### 

### Planning

Once the EI and its FSs defined and described, CA is able to plan and schedule needed procurements - contracting processes for this subject classification - CPV group. Particular EI should be indicated as a ground (meta-parent) of future contracting process.

Depending on CAs procurement strategy, Periodic Notice (PN) or Prior Information Notice (PIN) could be prepared and published. Within this notice (PN or PIN) allocated by CA himself budget must be specified as a set of identified from the list of available under used EI funding sources together with allocated amounts - separate for each selected FS. The sum of all specified amounts of all indicated funding sources is a maximum available budget of future contract that will be conducted under this contracting process.

#### Provisional evaluation panel

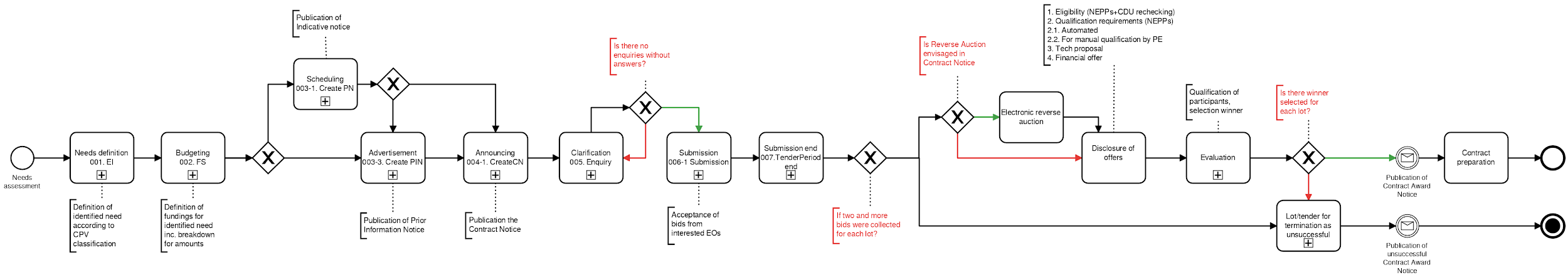
Provisional set of Procuring Entity evaluation panel could be announced on the planning level. This set can be changed later on a Contract Notice preparation level.

### 

### One-stage competitive procedure (Micro, RPQ, Open)

Depending on the type of procedure, method of procurement, geography and the legal basis, the attribute composition of the model can be adjusted, but its general logic remains unchanged for all types of procedures.

The contracting process based on competitive procedure is commonly carried out in the following sequence:



*Business Process Diagram (go to* [*https://goo.gl/bdUhh6*](https://goo.gl/bdUhh6)*)*

#### Announce a tender

Creating a tender, CA determines key fields of the yet-to-be announced procurement, uploads tender documentation, with the requirements to the procurement object indicated as that which determines winner evaluation criteria.

##### Scoring function implementation

To achieve MEAT, Procuring Entity can use a scoring function by defining together with a regular common information a set of criteria, its available options and coefficients of such options to determine the total available weight of all components of bid and background of evaluation.

**Criteria**

Set of criteria may include different types of requirements, used in different ways and for different reasons. Moreover, some used criteria may be prescribed by the legal basis “by default” (exclusion grounds of ESPD or particular chapters of selection grounds from ESPD, like General yearly turnover).

|  |  |
| --- | --- |
| Read more about [criteria under scoring function](#_4htzhyc7eu0x) |  |

**Conversions**

Where scoring function to be applied, a set of verifiable conversions needed for future ranking and evaluation.

|  |  |
| --- | --- |
| Read more about [conversions for scoring function](#_9z8lhccovxki) |  |

##### Evaluation panel

Set of Procuring Entity evaluation panel could be announced or updated (if some changes or replacements took place since PN for this contracting process was published and evaluation panel was expressed there).

|  |  |
| --- | --- |
| Read more about [PEs' evaluation committee](#_e04trngn7rjx) |  |

##### 

#### Clarification period

Clarification period is separately distinguished in the procurement procedure during which participants can ask questions regarding the procurement requirements, demand issue resolution, and submit a claims, while CA can provide answers to questions and introduce changes into the procurement conditions (according to the [rules and limitations](#_5wyvi3h9sxew) below). The duration of the clarification period and offer submission is determined by CA but in any case can not be less than those prescribed by Law.

##### Suspending of procedure

Any accepted enquiries which have no relevant clarification provided by CA before ‘enquiryPeriod.endDate’ suspend the start of next phase of contracting process - submission period.

##### Unsuspending of procedure

After the publication of the CAs’ clarifications, procedure is unsuspended automatically with prolongation of ‘enquiryPeriod’ according to the rules, prescribed by Law.

|  |
| --- |
| **Future steps**  In addition to existing opportunity to ask questions about the procurement procedure, any user in the system (except Procuring entity) can contact Procuring entity and make a Violation elimination claim about the tender conditions. The Procuring entity has prescribed period to review the claim and make a decision on it. During this period the Procuring entity must publish a response to the claim and (in the case of complaint satisfaction) amend the appropriate procurement conditions or awarding procedure results.  **Complaint submission**  Complaints on conditions received during clarification period transfer to the official Review body. After the complaint submission, a representative of the Review Body checks whether all requirements are fulfilled and carried out. If so, complaint is accepted for review. Otherwise, it is rejected.  **Complaint withdrawal**  At any time before the publication of the Review body’s decision, the complainant can withdraw his complaint.  **Standstill period**  The duration of the applicable standstill period following a challenge or complaint of tenders’ conditions or actions taken by the Procuring Entity that are allegedly not in compliance with the provisions of the Law.  **Reviewing**  To indicate the results of review of accepted complaint, representative of Review Body must specify the results via changing of status of reviewed complaint together with contribution of additional needed information.   * If the complaint was dismissed by Review body, standstill period of such complaint ends * If the complaint was satisfied by Review body, the Procuring entity carries out the decision under its own responsibility, there are no additional automatic control means. Carried out decision marked with ‘satisfied’ state by CA himself indicates that prescribed judgments of Review Body are satisfied and complaint is complete. |

##### 

#### Amendments or additional information

The Public Sector Directive in its introduction regulates the circumstances where modifications to a contract notice while it is being carried out are possible without a requirement to start a new tender process.

|  |
| --- |
| **Introduction 82:**  It should be clarified that the need to ensure that economic operators have sufficient time in which to draw up responsive tenders may entail that the time limits which were set initially may have to be extended. This would, in particular, be the case where significant changes are made to the procurement documents. It should also be specified that, in that case, significant changes should be understood as covering changes, in particular to the technical specifications, in respect of which economic operators would need additional time in order to understand and respond appropriately. It should, however, be clarified that such changes should not be so substantial that the admission of candidates other than those initially selected would have been allowed for or additional participants in the procurement procedure would have been attracted. That could, in particular, be the case where the changes render the contract or framework agreement materially different in character from the one initially set out in the procurement documents. |

**Permitted or non-significant modifications of contract notice during their term – then new procurement procedure is not required**

To be provided

**Prohibited or substantial modifications of contract notice during their term – new procurement procedure required**

To be provided

**How to handle contract modifications**

To be provided

##### 

#### Submission of the offers

Once the clarification period is over the CA can no longer introduce changes into the Contract Notice. Economic Operators submit offers that are confidential.

##### Requirement responses for automated ranking and evaluation

Having a set of requirements defined by Procuring Entity and a number of values available, tenderers by preparing their offers, include a values for each requirement, reflecting the substance of the offer and fulfilling general corporate profiles’ data requested by Procuring Entity or required by the Legal Framework of particular jurisdiction. While submitting their proposal tenderers also fill the non-price parameters — values for specific verifiable tenderer attributes of the offer.

|  |  |
| --- | --- |
| Read more about [structured bids](#_96hlwfd5nipf) |  |

##### Modifications

An Economic Operator may modify its electronic bid by submitting online within submission deadlines a new information regarding previously submitted offer in accordance to the electronic submission procedures.

##### Withdrawal

An Economic Operator may withdraw his electronic bid by submitting online within submission deadlines a request for cancellation of previously submitted offer.

##### Substitution

An Economic Operator may substitute his electronic bid by submitting online within submission deadlines a request for cancellation of previously submitted offer and the new electronic bid in accordance to the electronic submission procedures.

##### 

#### Reverse Auction

Single unique link for each scheduled electronic auction will be available in Public Point. Depending on access-mode (with or without token) this link might work as:

* individual link of the participant, who accesses his personal page via this link and participates in the auction.
* public link to the auction which can be published anywhere for viewers, who use this link to observe.

##### Preparation of the auction

Date and time of the auction are determined by the BPE automatically, once the Contract Notice is published. Platforms have to inform their users about the upcoming auction beginning date. If no participant is registered (or only one bid received) after the end of the tender period, the system automatically changes the process status to ‘unsuccessful’.

|  |  |
| --- | --- |
| Note that electronic auctions (if included) are held for each lot separately |  |

If more than one participant is registered, the system activates the e-Auction module. Those participants who registered their offers for this particular procurement can participate in the auction. All the other users, including the CA of this process, can observe how the auction develops. Once the Auction is established, the NEPPs are granted access to the auction web-page for participant access provision to the auction.

##### Then the auction-phase ends

Once all established under single submission stage electronic auctions end partially disclosure of all the Information on tenderers and their bids occur. Such partially disclosed information includes all the data except financial offer digitalization (financial envelope). This granularity will be disclosed only for single qualified offer during the evaluation process.

|  |  |
| --- | --- |
| Information disclosure on tenderers occurs once the last auction in this process is completed |  |

##### 

#### Evaluation and identification of the procurement winner

Once the submission period is over and participants can no longer submit or update their bids, the system will disclose all submitted bids.

In case if after submission period end there is nothing to disclose (no bids were submitted) or all submitted bids failed, the system will automatically change this specific lot of this contracting process to status “unsuccessful”.

Where enough number of bids received during the tendering period, the system will generate a set of qualification envelopes (awards) and launch the awarding period for this contracting process.

##### Eligibility check

**Automated check**

System will automatically verify eligibility (based on data available via external bus) of each tenderer whose bid was disclosed according to rules of dispatch under the current procurement method.

|  |  |
| --- | --- |
| Read more about [automated eligibility check](#_zdwfmbsdrv84) |  |

**Manual check**

Where automated check is not available, Procuring entity shall provide an eligibility check manually. Depending on award criteria applied, the system will disclose either eligibility documents only or full package of documents submitted by EOs within their bids.

|  |  |
| --- | --- |
| Read more about [envelopes disclosure rules](#_37ufm3lia1nu) |  |

System will allow PE to check eligibility of the candidates against initially announced criteria in any order.

The financial part of bids of those candidates who passed eligibility check will go to the technical evaluation. All the others who failed eligibility check are excluded from evaluation.

##### Initial ranking for evaluation

Depending on award criteria applied system will rank eligible bids and suggest them in order of admissibility: from the most to the least acceptable by applicable criteria. This automated ranking is undertaken using a set of criteria and the relevant conversions applied by PE for each available value of each applied requirement and published in a Contract Notice on one hand. And the requirement responses submitted by each EO against published criteria on another hand.

|  |  |
| --- | --- |
| Read more about [initial ranking according to the scoring function](#_e0erzljhx23l) |  |

##### Technical evaluation

CA sequentially reviews bids that are eligible starting with declaration of non conflict of interest beginning with first ranked by the system.

**Declaration of non-conflict of interests**

Due to requirements of declaration of non conflict of interest by evaluation panel members against each tenderer for each bid to be evaluated, the system will generate relevant requests for each evaluation panel member declared by Procuring Entity within Contact Notice.

Each initial or new (in case of replacement) member of the evaluation panel shall submit relevant responses in order to confirm an absence of conflict of interest for each tenderer (legal entity) in each bid received for evaluation by panel.

|  |  |
| --- | --- |
| Since this is a declaration following Open Government Principles, this action does not block the evaluation process. It means that technically Procuring Entity can pass this stage and start the evaluation without declarations by evaluation panel members. But this PEs decision will be reflected in the system and published for public access. |  |

**Technical consideration**

Evaluation panel considers technical compliance according to the award criteria methodology applied and a scoring function (where included). If the most acceptable bid is in compliance with the CA’s technical requirements, PE determines this offer as a qualified and goes to the next step - financial evaluation. If it is not, PE confirms his decision to disqualify the participant and declines such an offer. Then the system suggests to qualify the next offer from the acceptance perspective.

**Financial consideration**

Evaluation panel considers financial compliance according to the award criteria methodology applied and a scoring function (where included). If a qualified offer is in compliance with the CA’s financial requirements, PE determines this offer as a winner. If it is not in compliance, CA confirms his decision to disqualify the offer on this (evaluation) stage, and declines such an offer. Then the system suggests to qualify the next offer from the acceptance perspective.

If all the offers were declined by PE either on qualification step or on evaluation and upon the completion of complaining process (review period) this specific lot of this contracting process automatically changes to ‘unsuccessful’.

##### Evaluation Protocol

Once a winner is selected for each lot, CA submits the evaluation protocol which, in its turn, indicates the end of the awarding process. As a result of submission of evaluation protocol, the system will automatically generate a set of Contract Award Notices for each awarded lot, change evaluation stage to ‘awarded’ and launch the complaining process - review period.

#### Tender/lot cancellation

According to [Public procurement standard forms guidance 2017-06-23](http://ec.europa.eu/DocsRoom/documents/24191/attachments/1/translations/en/renditions/pdf) (version 1.1) Corrigendum is no longer used to inform about cancelled\* (i.e. incomplete or unsuccessful) procedures. This is done by using the [contract award notice](http://simap.ted.europa.eu/documents/10184/99173/EN_F03.pdf), where non-award can be indicated, per lot, in section V.1.

If contracting bodies wish to inform the market about their plan to cancel a procedure beforehand then they can advertise this at EU level using a [сorrigendum notice](http://simap.ted.europa.eu/documents/10184/99173/EN_F14.pdf). In this case, they should add a text announcing the intent to cancel ("The contracting authority or entity intends to repeal this notice.") in the "Other additional information field" (VII.2) and explain the reasons. After the standstill period has elapsed, they should announce the formal cancelation through the [contract award notice](http://simap.ted.europa.eu/documents/10184/99173/EN_F03.pdf) as usual (with possibly repeating the reasons for the cancellation in the "Additional information field" (VI.3)).

|  |  |
| --- | --- |
| **CA can cancel either procedure or separate lot anytime before its completion** |  |

### 

#### Review period

Review period is a time-slot during which the decision of the procuring entity to award a contract or cancel competition under separate lot or all the contracting process can be challenged. All the tenderers whose offers were reviewed by PE are able to claim on such made decisions. This review period is the same for all the tenderers.

|  |
| --- |
| **Future steps**  If any complaints were received and accepted for review during the review period, the system automatically establishes standstill period for each received complaint separately.  **Complaint submission**  Complaints on made decisions received during the review period transfer to the official Review body. After the complaint submission, a representative of the Review Body checks whether all requirements are fulfilled and carried out. If so, complaint is accepted for review. Otherwise, it is rejected.  **Complaint withdrawal**  At any time before the publication of the Review body’s decision, the complainant can withdraw his complaint.  **Suspending of procedure**  Such accepted complaints block the opportunity to run contracting step (publish a contract with the winner) and suspend all evaluation stage via establishing of special time-slot: system automatically establishes standstill period for each complaint received and accepted for review.  **Standstill period**  The duration of the applicable standstill period following a challenge or complaint of decisions or actions taken by the Procuring Entity that are allegedly not in compliance with the provisions of the Law.  **Reviewing**  To indicate the results of review of accepted complaint, representative of Review Body must specify the results via changing of status of reviewed complaint together with contribution of additional needed information.   * If the complaint was dismissed by Review body, standstill period of such complaint ends * If the complaint was satisfied by Review body, the Procuring entity carries out the decision under its own responsibility, there are no additional automatic control means. Carried out decision marked with ‘satisfied’ state by CA himself indicates that prescribed judgments of Review Body are satisfied and complaint is complete.   **Unsuspending of procedure**  After the publication of the Review body’s decision with the status “dismissed” procedure is unsuspended automatically. Satisfied complaints should be changed by CA to ‘complete’ state. |

#### Concluding an agreement

As soon as either *review period* or all established *standstill periods* expired, CA will prepare and publish the concluded agreement for signing and verification.

##### Preparation

Once r*eview period* ends, the system automatically generates a set of drafts of future awarded contracts (AC) - separate draft for each determined winner. CA updates these drafts with actual needed data (required according to local rules) and, once all such updates are done, CA indicates this contract is fully prepared for signing. System automatically generates PDF of needed contract based on received data and standardized template. Such pdf-document will be put to the ‘documents’ section of specific contract and all this contract will be switched to ‘ready for signing’ state. Thereafter, signing and validation process starts

##### Signing

##### Validation

##### Activation

At this point, the awarding process is completed, and no further actions are required. The evaluation phase goes to ‘complete’ state and all the contracting process goes to ‘execution’.

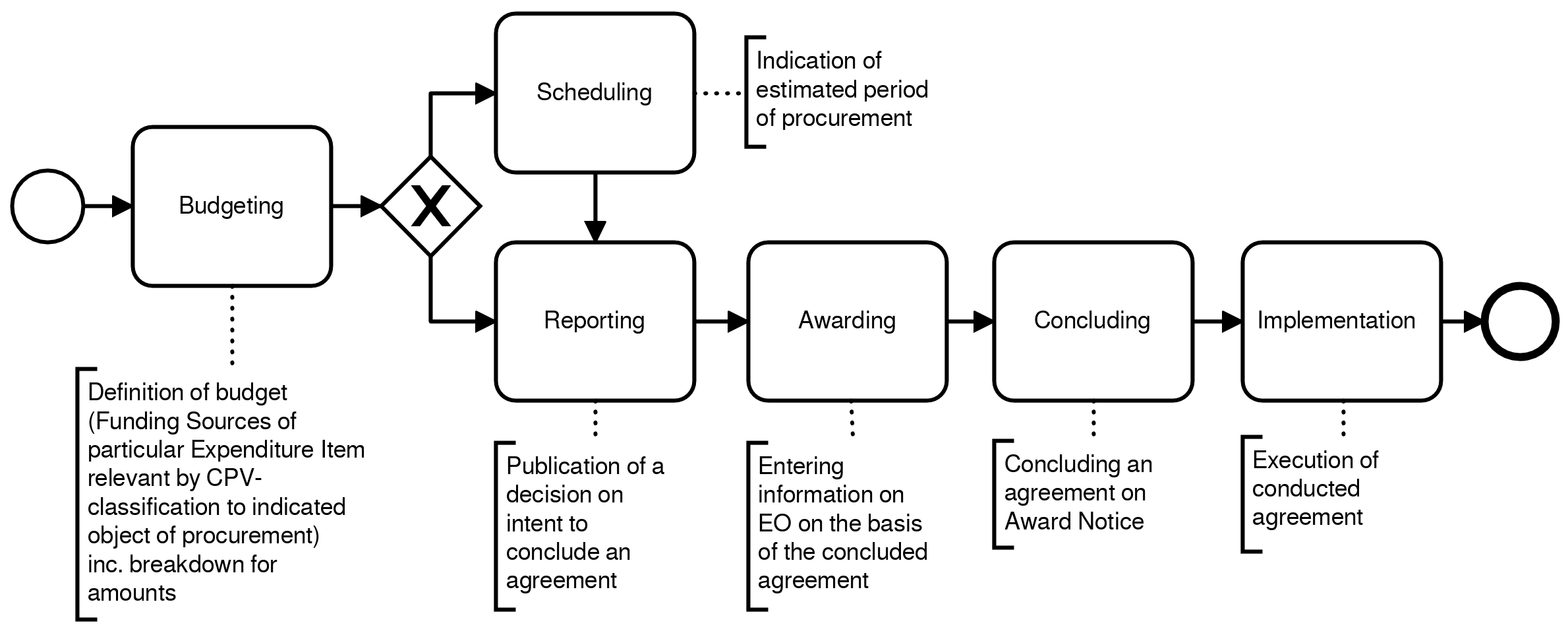
|  |
| --- |
| **Future steps**  **Implementation**  To be provided  **Transactions**  To be provided |

### 

### Direct Award

CA is able to maintain the registration of information regarding single source procedures carried out of the eProcurement system and the execution of the process inside the system as well. Having entered the information regarding the procedure, CA enters information on the winner and the agreement.

The procurement process is carried out in the following sequence:



*Business Process Diagram (go to* [*https://goo.gl/kLQ58b*](https://goo.gl/kLQ58b)*)*

#### Publication of a decision on intent to conclude an agreement

CA publishes the concluded agreement and enters information regarding the EO immediately. This information is published as a report on the concluded agreement. It is not possible to submit a complaint at this point.

#### Entering information on EO on the basis of the concluded agreement

CA enters information on EO on the basis of the concluded agreement. Editing is possible only until the report activation made by CA. Additionally CA notes compliance with qualification criteria for a certain EO on the agreement. Once the EO is determined, no further actions are performed by the CA.

#### Concluding an agreement

Once the EO information is entered, CA can publish the concluded agreement. Conclusion of agreement, report on the introduced changes into the agreement, and execution of agreement are executed in the following way:

1. Changes of the agreement’s status to active or terminated, should be certified with EDS as a matter of course.
2. Entering information on the agreement is optional. Upon affixation of EDS, CA can finish the procedure (complete).

#### Procedure completion

Once the agreement was uploaded and EDS added, the procedure automatically changes to ‘complete’ status.

### 

### Contract execution

#### Amendments and extensions

Contracting parties that are not subject to the public procurement rules enjoy the freedom to modify contracts. As long as they are able to reach an agreement, the contract may be amended as they see fit. Contracting authorities subject to the public procurement rules are in a different position. When a public contract needs to be modified, the starting assumption is that the modification will trigger the requirement for a new competitive public tender process.

It is not generally permitted for a contracting authority and an economic operator to agree to change an existing contract. The terms of the concluded contract should reflect the commitments made in the offer that was selected as the most economically advantageous. Ideally, if contracts are well founded, they should be performed without modifications. Where an existing contract is altered by an agreement, there is a risk that other economic operators lose an opportunity to compete for what is effectively a new opportunity. The agreement to change the contract will be a breach of the principles of transparency and equal treatment. The procurement rules seek to prevent this type of behaviour, which can distort the market.

In practice, however, the limited modification of an existing public contract can be necessary. Contracting authorities and economic operators might be faced with legitimate situations that require changes in the contract. Practical examples include situations where price indexes have changed, genuine unforeseeable circumstances have occurred, or technical difficulties have arisen during the operation or maintenance phase of a contract.

The Public Sector Directive explicitly regulates the circumstances where modifications to a contract or framework agreement while it is being carried out are possible without a requirement to start a new tender process.

##### Permitted or non-substantial modifications of contract notice during their term – then new procurement procedure is not required

Under the Directive, modifications of the contract (or framework agreement) are permitted without having to conduct a new procurement procedure, but within very strict boundaries and only in specified situations. In general, contracts may be modified when the modifications are not substantial. What constitutes a substantial modification is explained below. In Article 72, the Directive sets out six permitted, or non-substantial, modifications of a contract during its term.

1. **Modifications expressly provided for in the initial procurement documents**

Modification is permitted where it is expressly provided for in review clauses set out in the initial procurement documents. Review clauses can provide a certain degree of flexibility in the terms of the contract. Modifications to the contract cannot be permitted simply because they were mentioned in the procurement documents in advance.

* Review clauses in procurement documents must be clear, precise and unequivocal
* Review clauses must not alter the overall nature of the contract
* The monetary value of modifications made under this provision is irrelevant
* Review clauses must specify the scope and nature of possible modifications or options as well as the conditions under which they may be used

1. **Additional works, services or supplies**

The above provision applies when the circumstances requiring a modification were foreseeable, but the contracting authority failed to foresee them or failed to provide for them for other reasons.

* Cumulative conditions apply to these modifications for additional works, services or supplies
* Any increase in costs should not exceed 50% of the value of the original contract
* A transparency requirement applies to this type of modification

1. **Modifications due to unforeseen circumstances**

When an unforeseeable event occurs that requires a modification of the contract that would be disproportionate in terms of the continuation of the contract concerned and the costs associated with a procedure to award a new contract, the existing contract can be modified without a new procurement procedure.

* Circumstances that a diligent contracting authority could not foresee could justify a modification of contract
* The modification must not alter the overall nature of the contract
* A transparency requirement applies to modifications made under this provision
* The modification does not involve a price increase of more than 50% of the value of the original contract

1. **Replacement of a contractual partner**

As a general rule, the replacement of a contractual partner constitutes a substantial modification of the contract. In line with the principles of equal treatment and transparency, another economic operator should not replace the successful tenderer without the contract being reopened to competition. However, the Directive treats the change of contractor as a non-substantial modification in three specific situations.

1. **Low value (non-substantial) modifications**
2. **Other non-substantial modification**

#### Termination

## 

## Getting Started

### Performance recommendations

To be provided

### Authentification

Authentication process follows according to general Authentication mechanisms of [Auth Service](#_3ockbuijiei2)

### Retrieving data

Retrieving process follows according to general [data retrieving mechanism](#_17m40stajgqe)

### Creating data

#### ‘X-OPERATION-ID’ mechanism

BPE should always know what client is going to do before this action. Accordingly 'X-OPERATION-ID' is required when the POST-request is sent. 'X-OPERATION-ID' can be got via GET-request..

|  |
| --- |
| POST HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems |

Also ‘X-OPERATION-ID’ provides request identification. So use your ‘X-OPERATION-ID’ to identify and analyze data received from Feed-Point

|  |  |
| --- | --- |
| **Learn more about X-OPERATION-ID of** [**Operation Service**](#_9yzaduwk2t30) |  |

# Let’s go!

## Budgets, Funding and Plans

**Endpoint**

|  |
| --- |
| **GET** /get/budgets |

### 01. Expenditure Items (EIs)

‘Expenditure Item’ is a model describing a group of goods, services or works that CA plans to procure over a certain period, as well as the amount allocated by the CA to finance the purchases of the subject of this group during the specified period.

#### 01.1. Retrieving a list of existing EIs

Retrieving process follows according to general [data retrieving mechanism](#_n97bl98gm99j)

##### Retrieving conducted EIs and related information

All operations of reading and displaying of content of conducted ‘Expenditure Items’ are based on [EI transport-model](#_1k0dud195fm1). Use of this structure allows to read hi-level data for each conducted EI as well as lists of related data (such us FSs, PNs, PINs, CNs, ACs).

**Example**

Let’s try exploring the /budgets endpoint:

|  |
| --- |
| **GET** /get/budgets?offset= HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8  {  "offset": ""  "data": [  {  "ocid":"ocds-t1s2t3-UA-1513094593", // ocid of founded EI-Entity  "date":"2018-06-23T00:00:00Z" // date of newest release in founded record  }   ] } |

Let’s access the URL of one of retrieved EI-entities:

|  |
| --- |
| **GET** /get/budgets/ocds-001-00000-ei?offset=2018-06-23T00:00:00Z HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8   {} // data set based on EI transport model |

|  |  |
| --- | --- |
| **EI with hi-level details and list of related FSs**  The ‘EI’ transport-model allows to display an item of expenditure with detailed information about the object of procurement, future consumer, planned budget and other information, as well as a list of related processes |  |
| **List of related FSs**  Use of ‘EI’ data-model allows to display a list of related to particular EI sources of funding.  Links to such related FSs described in a ‘relatedProcesses’ array as items with relationship-code 'x\_FinanceSource'. |  |
| **List of related Tenders**  Use of ‘EI’ data-model allows to display a list of ‘PNs’, ‘PINs’, ‘CNs’ related to this ‘EI’.  Links to such related Tenders described in a ‘relatedProcesses’ array as items with relationship-code 'x\_execution'. |  |
| **List of related Contracts**  Use of ‘EI’ data-model allows to display a list of ‘ACs’ related to this EI.  Links to such related FSs described in a ‘relatedProcesses’ array as items with relationship-code 'x\_contract'. |  |

|  |  |
| --- | --- |
| **The same could be used to retrieve a list of e.g. ‘Tenders’ or details of such entities** |  |

#### 01.2. Create EI

To create new entity of EI standard [Command Model](#_3cpnrrrlwaia) should be used for preparation of POST-request.

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=ei&country=...&identifierSchema=...&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operations.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Send Request

|  |
| --- |
| **POST** /do/ei?country=MD HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb Content-Type: application/json Host: bpe.eprocurement.systems  {} //data set according to EI command model  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-t1s2t3-TEST-EI"  "url": "http://public.eprocurement.systems/budgets/ocds-000-00001-ei",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "ei": [  {  "id": "ocds-000-00001-ei",  "X-TOKEN": "2ef61fa89e8a451ba4149d2f8e31173b"  }  ]  }  } } |

##### Request for full Result

Public Point will respond with Record Package of just created EI according to the [Transport Model](#_1k0dud195fm1)

|  |
| --- |
| **GET** /get/budgets/ocds-000-00001-ei?offset= HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8  {} // data set based on EI transport-model |

#### 01.3. Update EI

To update existing entity of EI existing [rules for update of EI](#_wl3zgfemys4) must be considered for preparation of request.

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=update-ei&oсid=ocds-000-00001-ei&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operations.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Send Request with updates

|  |
| --- |
| **POST** /do/ei/ocds-000-00001-ei HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: 2ef61fa89e8a451ba4149d2f8e31173b Content-Type: application/json Host: bpe.eprocurement.systems  {} // data set according to EI command model   202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-ei",  "url": "http://public.eprocurement.systems/budgets/ocds-000-00001-ei",  "operationDate": "2018-08-14T13:51:06Z"  } } |

##### Request for result

Public Point will respond with Record Package of just created EI according to the [Transport Model](#_1k0dud195fm1):

|  |
| --- |
| **GET** /get/budgets/ocds-000-00001-ei/?offset= HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8  {} // data set based on EI transport-model |

#### 01.4. Retrieving a list of available budget lines (IBANs) for EI

In case if CA or his separate specific need is funded via Treasury, for each identified need (Expenditure Item) a list of available budget lines (IBANs) can be received. To receive a list, parametrized GET-request must be sent to the BPE.

|  |
| --- |
| **GET** /budget/iban?idno=...&cpv=...-5&year=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: mconnect.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8  {  "getIbanList\_response": {  "iban": [  "MD10TRPCBW518430A00362AA",  "MD05AGPEAT518430A00362AA",  "MD05AGPGAB518430A00362AA",  "MD62TRPCBW518430B00362AA"  ]  } } |

### 02. Funding Source (FS)

‘Funding Source’ is a model describing a specific source of funding for procurement of goods, services or works from the parent Expenditure Item. Description contains information on both the amount and the organization that provides the funds, as well as other organizations involved in the disposal of this particular budget: payer, donor.

#### 02.1. Retrieving a list of existing FS

Retrieving process follows according to general [data retrieving mechanism](#_n97bl98gm99j) beginning from step 2: “Getting individual entity information” because there is no need to keep or work with FS without parent EI

##### Retrieving conducted FSs and detailed information

All operations of reading and displaying of content of used ‘Funding Sources’ are based on FS data-model.

**Example**

Let’s access the URL of specific FS-entity:

|  |
| --- |
| **GET** /get/budgets/ocds-000-00001-ei/ocds-000-00001-fs?offset=... HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8   {} // data set based on FS query model |

|  |  |
| --- | --- |
| **Details of selected related FS**  Use of [‘FS’ query-model](#_sdwccebsj93g) allows to display details of particular chosen ‘FS’ conducted for ‘Expenditure Item’ (Tender, Contract) with all information about params describing such ‘FS’.  To do that, defined link to needed FS should be used to retrieve all details as Release Package. |  |

|  |  |
| --- | --- |
| **The same mechanisms could be used to retrieve a list of ‘FSs’ of ‘Tender’ or ‘Contract’ or details of any of such ‘FSs’** |  |

##### 

#### 02.2. Create FS

To create new entity of FS standard [Command Model](#_egyw9rx6ncd2) should be used for preparation of POST-request.

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=fs&ocid=ocds-000-00001-ei&funder=...&payer=...&lang=...&isEuropeanUnionFunded=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operations.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Send Request

|  |
| --- |
| **POST** /do/fs/ocds-000-00001-ei HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb  Content-Type: application/json Host: bpe.eprocurement.systems  {} //data set according to FS command model  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-fs",  "url": "http://public.eprocurement.systems/budgets/ocds-000-00001-ei/ocds-000-00001-fs",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "fs": [  {  "id": "ocds-t1s2t3-TEST-FS",  "X-TOKEN": "2ef61fa89e8a451ba4149d2f8e31173b"  }  ]  }  } } |

##### Request for Result

Public Point will respond with Release Package of just created FS according to the [Query Model](#_mpbolgrm1y2x):

|  |
| --- |
| **GET** /get/budgets/ocds-000-00001-ei/ocds-000-00001-fs?offset= HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8  {} // data set based on FS query model |

#### 02.3. Update FS

To update existing entity of FS existing [rules for update of FS](#_31t0d4z7xgm) must be considered for preparation of request.

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=update-fs&ocid=ocds-000-00001-fs&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Send Request

|  |
| --- |
| **POST** /do/fs/ocds-000-00001-ei/ocds-000-00001-fs HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: 2ef61fa89e8a451ba4149d2f8e31173b Content-Type: application/json Host: bpe.eprocurement.systems  {} // data set based on FS command model  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-fs",  "url": "http://public.eprocurement.systems/budgets/ocds-000-00001-ei/ocds-000-00001-fs",  "operationDate": "2018-08-14T13:51:06Z"  } } |

##### Request full result

Public Point will respond with Release Package of newly updated FS according to the [Query Model](#_mpbolgrm1y2x):

|  |
| --- |
| **GET** /get/budgets/ocds-000-00001-ei/ocds-000-00001-fs?offset= HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8  {} // data set based on FS query model |

##### 

#### 02.4. Retrieving an amount of available value for specific IBAN

To be provided

|  |
| --- |
| **GET** /budget/get?iban=...&year=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: mconnect.mtender.gov.md  200 OK Content-Type: application/json; charset=UTF-8  {  "sum":"90000.00" // the amount of available funds  } |

#### 02.5. Validation of amount for specific IBAN

To be provided

|  |
| --- |
| **GET** /budget/check?iban=...&year=...&sum=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: http://mconnect.mtender.gov.md  200 OK Content-Type: application/json; charset=UTF-8  {  "result":"1" // 0 - if false  } |

## Scheduled or announced Tenders: PN, PIN, CN

‘CN’ is a model describing a specific contract process - the procurement procedure announced by the CA. Depending on the type of procedure, method of procurement, geography and the legal basis, the attribute composition of the model can be adjusted, but its general logic remains unchanged for all types of procedures.

**Endpoint**

|  |
| --- |
| **GET** /get/tenders |

#### 03.1. Retrieving scheduled or announced CNs and related information

All operations of reading and displaying of content of conducted ‘Expenditure Items’ are based on [CN transport-model](#_n371a5v6j4td). Use of these structures allows to read hi-level data for each conducted EI as well as lists of related data (such us FSs, PNs, PINs, CNs, ACs).

**Example**

Let’s try exploring the /tenders endpoint:

|  |
| --- |
| **GET** /get/tenders?offset= HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8  {  "offset": ""  "data": [  {  "ocid":"ocds-000-00001", // ocid of founded entity  "date":"2018-06-23T00:00:00Z" // date of newest release in founded record  }   ] } |

Let’s access the URL of one of retrieved EI-entity:

|  |
| --- |
| **GET** /get/tenders/ocds-000-00001?offset=2018-06-23T00:00:00Z HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8   {} // data set based on CN transport model |

#### Preparing a notice

To launch a tender CA prepares a notice: determines key fields of the yet-to-be announced procurement, uploads tender documentation with the requirements to the subject indicated as that which determines winner evaluation criteria. Depending on CA’s procurement strategy such a Notice (CN) may include data in three different consistencies:

* *Planning Notice* (planningNotice) - using this kind of notice means that CA has an intention to conduct a tender in some date during procurement year
* *Prior Information Notice* (priorNotice) - using this kind of notice means that CA has an intention to conduct a tender in particular date (date, month or quarter) of procurement year
* *Contract Notice* (contractNotice) - using this kind of notice means that CA has an intention to conduct a tender and start to collect bids right after publication date

### Planning Notice

Planning notice is an announcement of intention to conduct a tender. On this stage just hi-level params of future procedure should be indicated including estimated period of start (month or quarter). Specification of subject of procurement, detailed eligibility, award and non-price criteria etc could be announced within Prior Information Notice or Contract Notice.

#### 03.2. Create PN

To create new entity of PN standard [Command Model](#_ivshjrn5snw7) should be used.

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=pn&ocid=...&procuringEntity=...&responsibleContactPerson=...&pmd=...&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Registration Documentation

Procuring entity can [register files](#_84vptoez2wll) for the future CN before such CN is created. Document registration is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z",  "datePublished": null  } } |

###### 

##### Send Request

|  |
| --- |
| **POST** /do/pn?country=...&pmd=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb Content-Type: application/json Host: bpe.eprocurement.systems  {} // data set based on СN command-model  202 Accepted Content-Type: application/json; charset=UTF-8 |

|  |  |
| --- | --- |
| **Evaluation panel provisional declaration**  Within PN command model a set of Procuring Entity evaluation panel could be announced on the PN level. For this array of [Persone](#_pnrv7hwm1g5v) to be included into [Organization](#_s7nv0xb3vq2z) block of a role:procuringEntity of the request as follows:  {  ...  "procuringEntity":{  "id":"",  "persones":[  {  "title":"",  "name":"",  "identifier":{},  "businessFunctions":[  {  "id":"",  "type":"authority",  "jobTitle":"",  "period":{},  "documents":[]  }  ]  }  }  ...  }  **Note that in case of ‘persones’ array is applied, at least one element with a *businessFunction.type: authority* shall be included**  In the future steps this information will be used for the establishment of the automated evaluation flow.  Read more about [evaluation panel declaration business process](#_x3a1dxguszc2) |  |

###### 

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-pn",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "pn": [  {  "id": "ocds-t1s2t3-TEST-PN",  "X-TOKEN": "c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4"  }  ]  }  } } |

##### Uploading Documentation

Procuring entity can [upload files](#_s7afjbttzkad) for the future CN. Document uploading is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /upload/389684cc28c242b79c97c56be5142e25 HTTP/1.0 Authorization:  Content-Length: 58 Content-Type: multipart/form-data; boundary=----------a\_BoUnDaRy572732436472$ Host: storage.eprocurement.systems  ------------a\_BoUnDaRy572732436472$ content ------------a\_BoUnDaRy572732436472$--  201 Created Content-Type: application/json; charset=UTF-8  {  "data": {  "url": ".../get/389684cc28c242b79c97c56be5142e25"  } } |

##### Request full result

|  |
| --- |
| **GET** /get/tenders/ocds-000-00001/ocds-000-00001-pn?offset= HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8  {} // data set based on PN query-model |

##### 

#### 03.3. Update PN

To update an existing entity of PN standard [Command Model](#_ivshjrn5snw7) should be used.

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=update-pn&ocid=ocds-000-00001-pn&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Registration Documentation

Procuring entity can [register files](#_84vptoez2wll) for the future updated CN before such CN is updated. Document registration is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z",  "datePublished": null  } } |

##### Send Request

|  |
| --- |
| **POST** /do/pn/ocds-000-00001/ocds-000-00001-pn HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: 2ef61fa89e8a451ba4149d2f8e31173b Content-Type: application/json Host: bpe.eprocurement.systems  {} // data set based on CN command-model  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-pn",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-pn",  "operationDate": "2018-08-14T13:51:06Z"  } } |

##### Uploading Documentation

Procuring entity can [upload files](#_s7afjbttzkad) for the updated CN. Document uploading is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /upload/389684cc28c242b79c97c56be5142e25 HTTP/1.0 Authorization:  Content-Length: 58 Content-Type: multipart/form-data; boundary=----------a\_BoUnDaRy572732436472$ Host: storage.eprocurement.systems  ------------a\_BoUnDaRy572732436472$ content ------------a\_BoUnDaRy572732436472$--  201 Created Content-Type: application/json; charset=UTF-8  {  "data": {  "url": ".../get/389684cc28c242b79c97c56be5142e25"  } } |

##### Request full result

|  |
| --- |
| **GET** /get/tenders/ocds-000-00001/ocds-000-00001-pn?offset= HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8  {} // data set based on PN query-model |

### Prior Information Notice (PIN)

Prior Information Notice - using this kind of notice means that CA has an intention to conduct a tender in particular date of procurement year. As mentioned above, PIN may be created in one of two ways (depending on CAs procurement strategy):

* Prior Information Notice as such - PIN from scratch
* Prior Information Notice based on Planning Notice - PIN on PN

These approaches executed in a different way from BPE perspective

#### 03.4. Create PIN

To create new entity of PN standard [Command Model](#_ivshjrn5snw7) should be used.

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=pin&ei-ocid=...&procuringEntity=...&responsibleContactPerson=...&pmd=...&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Registration Documentation

Procuring entity can [register files](#_84vptoez2wll) for the future CN before such CN is created. Document registration is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z",  "datePublished": null  } } |

##### Send Request

|  |
| --- |
| **POST** /do/pin?country=...&pmd=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: 1a6350b26a094a39adf455ee9a495f6c Content-Type: application/json Host: bpe.eprocurement.systems  {} // data set based on CN command-model  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-pin",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "pin": [  {  "id": "ocds-t1s2t3-TEST-PN",  "X-TOKEN": "c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4"  }  ]  }  } } |

##### Uploading Documentation

Procuring entity can [upload files](#_s7afjbttzkad) for the future CN. Document uploading is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /upload/389684cc28c242b79c97c56be5142e25 HTTP/1.0 Authorization:  Content-Length: 58 Content-Type: multipart/form-data; boundary=----------a\_BoUnDaRy572732436472$ Host: storage.eprocurement.systems  ------------a\_BoUnDaRy572732436472$ content ------------a\_BoUnDaRy572732436472$--  201 Created Content-Type: application/json; charset=UTF-8  {  "data": {  "url": ".../get/389684cc28c242b79c97c56be5142e25"  } } |

##### Request full result

|  |
| --- |
| **GET** /get/tenders/ocds-000-00001/ocds-000-00001-pin?offset= HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8  {} // data set based on CN query-model |

#### 03.5. PIN on PN

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
|  |

##### Send Request

|  |
| --- |
|  |

##### Feed Point Response

|  |
| --- |
|  |

##### Request full result

|  |
| --- |
|  |

##### 

#### 03.6. Update PIN

To update an existing entity of PIN standard [Command Model](#_ivshjrn5snw7) should be used.

##### Get X-OPERATION-ID

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=update-pin&ocid=ocds-000-00001-pin&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Registration Documentation

Procuring entity can [register files](#_84vptoez2wll) for the future updated CN before such CN is updated. Document registration is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z",  "datePublished": null  } } |

##### Send Request

|  |
| --- |
| **POST** /do/pin/ocds-000-00001/ocds-000-00001-pin HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: 2ef61fa89e8a451ba4149d2f8e31173b Content-Type: application/json Host: bpe.eprocurement.systems  {} // data set based on CN command-model  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-pin",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-pin",  "operationDate": "2018-08-14T13:51:06Z"  } } |

##### Uploading Documentation

Procuring entity can [upload files](#_s7afjbttzkad) for the updated CN. Document uploading is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /upload/389684cc28c242b79c97c56be5142e25 HTTP/1.0 Authorization:  Content-Length: 58 Content-Type: multipart/form-data; boundary=----------a\_BoUnDaRy572732436472$ Host: storage.eprocurement.systems  ------------a\_BoUnDaRy572732436472$ content ------------a\_BoUnDaRy572732436472$--  201 Created Content-Type: application/json; charset=UTF-8  {  "data": {  "url": ".../get/389684cc28c242b79c97c56be5142e25"  } } |

##### Request full result

|  |
| --- |
| **GET** /get/tenders/ocds-000-00001/ocds-000-00001-pin?offset= HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8  {} // data set based on CN query-model |

#### 

### Contract Notice (CN)

Contract Notice - using this kind of notice means that CA has an intention to conduct a tender and start to collect bids right after publication date. As mentioned above, CN may be created in one of three ways (depending on CAs procurement strategy):

* Contract Notice as such - from scratch
* Contract Notice based on Prior Information Notice - CN on PIN
* Contract Notice based on Planning Notice - CN on PN

These approaches executed in a different way from BPEs’ perspective.

#### 03.7. Create CN

To create new entity of CN standard [Command Model](#_ivshjrn5snw7) should be used.

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=cn&ocid=...&procuringEntity=...&responsibleContactPerson=...&pmd=...&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Registration Documentation

Procuring entity can [register files](#_84vptoez2wll) for the future CN before such CN is created. Document registration is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z",  "datePublished": null  } } |

##### Send Request

|  |
| --- |
| **POST** /do/cn?country=...&pmd=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb Content-Type: application/json Host: bpe.eprocurement.systems  {} // data set based on CN command-model  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-cn",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "ev": [  {  "id": "ocds-000-00001-cn",  "X-TOKEN": "2ef61fa89e8a451ba4149d2f8e31173b"  }  ]  }  } } |

##### Uploading Documentation

Procuring entity can [upload files](#_s7afjbttzkad) for the future CN. Document uploading is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /upload/389684cc28c242b79c97c56be5142e25 HTTP/1.0 Authorization:  Content-Length: 58 Content-Type: multipart/form-data; boundary=----------a\_BoUnDaRy572732436472$ Host: storage.eprocurement.systems  ------------a\_BoUnDaRy572732436472$ content ------------a\_BoUnDaRy572732436472$--  201 Created Content-Type: application/json; charset=UTF-8  {  "data": {  "url": ".../get/389684cc28c242b79c97c56be5142e25"  } } |

##### Request full result

|  |
| --- |
| **GET** /get/tenders/ocds-000-00001/ocds-000-00001-cn?offset= HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8  {} // data set based on CN query-model |

#### 03.8. CN on PIN

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
|  |

##### Send Request

|  |
| --- |
|  |

##### Feed Point Response

|  |
| --- |
|  |

##### Request full result

|  |
| --- |
|  |

##### 

#### 03.9. CN on PN

To update an existing entity of PN to CN, standard [Command Model](#_ivshjrn5snw7) should be used for preparation request

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=update-cn&ocid=...&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Registration Documentation

Procuring entity can [register files](#_84vptoez2wll) for the future CN before such CN is created. Document registration is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z",  "datePublished": null  } } |

##### Send Request

|  |
| --- |
| **POST** /do/cn/ocds-000-00001/ocds-000-00001-pn HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb  X-TOKEN: 2ef61fa89e8a451ba4149d2f8e31173b Content-Type: application/json Host: bpe.eprocurement.systems  {} // data set based on СN command-model  202 Accepted Content-Type: application/json; charset=UTF-8 |

|  |  |
| --- | --- |
| Within CNonPN command a number of information needed for future automated evaluation can be expressed:  **Evaluation panel declaration**  A set of Procuring Entity evaluation panel could be announced or updated (if some changes or replacements took place since PN for this contracting process was published). For this array of [Persone](#_pnrv7hwm1g5v) to be included into the [Organization](#_s7nv0xb3vq2z) block of a role:procuringEntity of the request in the same way as it is in a ‘Create PN’ request In the future steps this information will be used for the establishment of the automated evaluation flow.  **Criteria**  Set of criteria may include different types of requirements, used in different ways and for different reasons.  Read more about [criteria in a Contract Notice](#_4htzhyc7eu0x)  **Conversions**  Where scoring function to be applied, a set of verifiable conversions needed for future ranking and evaluation.  Read more about [conversions for scoring function](#_9z8lhccovxki)  **Scoring function**  Where criteria for future evaluation of the bids received and the relevant conversions are applied, PE shall also indicate its intention to apply a scoring function. To do that an *‘awardCriteriaDetails’* attribute to be set as ‘automated’ in a request for BPE.  Read more about [how scoring function works](#_e0erzljhx23l) |  |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-t1s2t3-TEST",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-ev",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "ev": [  {  "id": "ocds-000-00001-cn"  }  ]  }  } } |

###### 

##### Uploading Documentation

Procuring entity can [upload files](#_s7afjbttzkad) for the future CN. Document uploading is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /upload/389684cc28c242b79c97c56be5142e25 HTTP/1.0 Authorization:  Content-Length: 58 Content-Type: multipart/form-data; boundary=----------a\_BoUnDaRy572732436472$ Host: storage.eprocurement.systems  ------------a\_BoUnDaRy572732436472$ content ------------a\_BoUnDaRy572732436472$--  201 Created Content-Type: application/json; charset=UTF-8  {  "data": {  "url": ".../get/389684cc28c242b79c97c56be5142e25"  } } |

##### Request full result

|  |
| --- |
| **GET** /get/tenders/ocds-000-00001/ocds-000-00001-cn?offset= HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8  {} // data set based on CN query-model |

##### 

#### 03.10. Update CN

Once Contract Notice is published, there only [non-significant changes](#_h6cuddatgi4p) and amendments are available. To update an existing entity of CN standard [Command Model](#_ivshjrn5snw7) should be used for preparation request.

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=update-cn&ocid=ocds-000-00001-cn&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Registration Documentation

Procuring entity can [register files](#_84vptoez2wll) for the future updated CN before such CN is updated. Document registration is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z",  "datePublished": null  } } |

##### Send Request

|  |
| --- |
| **POST** /do/cn/ocds-000-00001/ocds-000-00001-cn HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: 2ef61fa89e8a451ba4149d2f8e31173b Content-Type: application/json Host: bpe.eprocurement.systems  {} // data set based on CN command-model  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-cn",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-0000-cn",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "amendment": [  {  "id": "ocds-000-00001-cn-amendment-1"  }  ]  }  } } |

##### Uploading Documentation

Procuring entity can [upload files](#_s7afjbttzkad) for the updated CN. Document uploading is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /upload/389684cc28c242b79c97c56be5142e25 HTTP/1.0 Authorization:  Content-Length: 58 Content-Type: multipart/form-data; boundary=----------a\_BoUnDaRy572732436472$ Host: storage.eprocurement.systems  ------------a\_BoUnDaRy572732436472$ content ------------a\_BoUnDaRy572732436472$--  201 Created Content-Type: application/json; charset=UTF-8  {  "data": {  "url": ".../get/389684cc28c242b79c97c56be5142e25"  } } |

##### Request full result

|  |
| --- |
| **GET** /get/tenders/ocds-000-00001/ocds-000-00001-cn?offset= HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8  {} // data set based on CN transport model |

### 

## Clarification

Clarification period (enquiryPeriod) is separately distinguished in the procurement procedure during which any user can ask questions regarding the procurement requirements, demand issue resolution, and submit a complaint, while CA can provide answers to questions and introduce changes into the procurement conditions.

#### 04.1. Submit a Questions

To create new Enquiry standard [Command Model](#_oa2gc15hwkxs) should be used.

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=enquiry&lot-id...&&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 Ok Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Send Request

|  |
| --- |
| **POST** /do/enquiry/ocds-000-00001/ocds-000-00001-cn HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb  Content-Type: application/json Host: bpe.eprocurement.systems  {} //data set according to Enquiry command model  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

Since ‘enquiry’ object requests a response from Procuring Entity who might be registered and use another NEPP, feed-point will generate 2 messages: one for NEPP whose user submitted the enquiry (EO topic) and another one - for NEPP whose user is owner of this Contracting Process (CA topic)

**Message for CA topic**

|  |
| --- |
| {  "initiator": "bpe",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-cn",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-cn",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "enquiries": [  {  "id": "ocds-000-00001-cn-enquiry-1",  "X-TOKEN": "c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4",  }  ]  }   } } |

**Message for CA topic**

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-cn",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-cn",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "enquiries": [  {  "id": "ocds-000-00001-cn"  }  ]  }   } } |

##### Request full result

|  |
| --- |
| **GET** /get/tenders/ocds-000-00001/ocds-000-00001-cn?offset= HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8  {} // data set based on CN query-model including ENQUIRY-extension |

##### 

#### 04.2. Post an answer

To put an answer to Enquiry standard [Command Model](#_mizwxp56zops) should be used.

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=answer&enquiry-id=...&lang=... HTTP/1.1 Authorization: Basic QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 Ok Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Send Request

|  |
| --- |
| **POST** /do/enquiry/ocds-000-00001-cn/ocds-000-00001-cn/ocds-000-00001-enquiry-1 HTTP/1.1 Authorization: Basic QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb  X-TOKEN: 2645b26a094a39adf455ee9a495f6c Content-Type: application/json Host: bpe.eprocurement.systems  {} //data set according to Answer command model  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-cn",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-cn",  "operationDate": "2018-08-14T13:51:06Z",  } } |

##### Request full result

|  |
| --- |
| **GET** /get/tenders/ocds-000-00001/ocds-000-00001-cn?offset= HTTP/1.1 Host: public.eprocurement.systems  200 OK Content-Type: application/json; charset=UTF-8  {} // data set based on CN query model including model extension |

#### 

#### 04.3. Suspension of procedure

Any accepted enquiries which have no relevant clarification provided by CA before ‘enquiryPeriod.endDate’ suspend the start of next phase of contracting process - submission period. Such suspending implemented by setting *tender.statusDetails:suspended* for current active stage (EV)

|  |
| --- |
| {  "tender": {  "statusDetails": "suspended"  } |

#### 04.4. Unsuspending of the procedure

After the publication of the CAs’ clarifications for each registered enquiry, procedure is unsuspended automatically with prolongation of ‘enquiryPeriod’ according to the rules, prescribed by Law.

### 

## Submission

During tenderPeriod interested parties can submit and update submitted bids.

#### 05.1. Submit bid

To submit a new bid to CN standard [Command Model](#_ljyzt1bjh8j) should be used.

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=bid&ocid=...&lot-id=...&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Registration Documentation

Tenderer can [register files](#_84vptoez2wll) for the future BID before such BID is created. Document registration is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z",  "datePublished": null  } } |

##### Send Request

|  |
| --- |
| **POST** /do/bid/ocds-000-00001/ocds-000-00001-cn HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb Content-Type: application/json Host: bpe.eprocurement.systems  {}  202 Accepted Content-Type: application/json; charset=UTF-8 |

|  |  |
| --- | --- |
| **Requirement Responses**  For each requirement expressed by Procuring Entity within ‘criteria’ for the bidders (all the criteria where *criterion.source* is not specified) each bid shall include a relevant requirement response, expressing a value proposed within this bid against specific requirement.  Read more about [requirement responses for automated ranking and evaluation](#_h30oqui81uz8) |  |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-cn",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-cn",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "bids": [  {  "id": "ocds-000-00001-cn-bid-1",  "X-TOKEN": "c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4",  }  ]  }  } } |

##### Uploading Documentation

Tenderer can [upload files](#_s7afjbttzkad) for the newly created BID. Document uploading is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z",  "datePublished": null  } } |

|  |  |
| --- | --- |
| **Note that:** there will be no updated information in a public point after submission of a bid since all the bids remain confidential until deadline for submission (tender.tenderPeriod.endDate) |  |

#### 05.2. Update bid

To update an existing BID standard [Command Model](#_ljyzt1bjh8j) should be used.

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=update-bid&ocid=...&lot-id=...&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Registration Documentation

Tenderer can [register files](#_84vptoez2wll) for the future updated BID before such BID is updated. Document registration is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z",  "datePublished": null  } } |

##### Send Request

|  |
| --- |
| **POST** /do/bid/ocds-000-00001/ocds-000-00001-cn/ocds-000-00001-bid-1 HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: 98798f26a094a39adf455ee9a495f6c Content-Type: application/json Host: bpe.eprocurement.systems  {}  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-cn",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-cn/",  "operationDate": "2018-08-14T13:51:06Z",  } } |

##### Uploading Documentation

Tenderer can [upload files](#_s7afjbttzkad) for the newly updated BID. Document uploading is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z",  "datePublished": null  } } |

#### 05.2. Withdraw bid

To be provided

## Electronic Auction

Date of the auction is determined by the BPE automatically, once the CN is published. NEPPs have to inform their users about the upcoming auction start date. If no participant is registered before *tenderPeriod.endDate*, the system automatically changes the process status for separate lot to *unsuccessful*.

#### Scheduling of the auction

Public link to the auction will be published for each *lot.status.active* once *tenderPeriod.endDate* achieved and contracting process switched to *statusDetails:auction*

|  |
| --- |
| {  "tender": {  "electronicAuctions": {  "details": [  {  "electronicAuctionModalities": [  {  "url": ""  }  ]  }  ]  }  } } |

#### Access-links for tenderers

If more than one bid is registered for a separate lot, the system activates the e-Auction module. Those participants who registered their offers can participate in the auction. All the other users, including the CA, can observe how the auction develops. The set of unique private links for each registered *bid.status:pending* will be transferred via feed-point to NEPPs who operating bid-owner (tenderer)

|  |
| --- |
| {  "X-OPERATION-ID": "95945400-d5d0-11e8-b646-791d6894bd79",  "X-RESPONSE-ID": "50c50350-d5d1-11e8-b646-791d6894bd79",  "initiator": "bpe",  "data": {  "ocid": "ocds-000-00001-cn",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-cn",  "operationDate": "2018-10-22T08:06:00Z",  "outcomes": {  "awards": [  { "id": "509f04c0-d5d1-11e8-85b1-337a681d86a2" }  ],  "links": [  {  "relatedBid": "a80b61e0-c348-11e8-b9a8-dd319bd9bbdf",  "url": "http://eauction.eprocurement.systems/ocds-000-00001/lot-id?bid\_id=...&amp;sign=..."  }  ]  }  } } |

|  |  |
| --- | --- |
| **Note that:**   1. Auctions are held for each lot separately 2. Information disclosure on participants occurs once the last auction is completed |  |

## Evaluation of the offers received

Once the submission period (tenderPeriod) is over and participants can no longer submit or update their bids or or electronic auction is over, the system will initiate an evaluation phase of this contracting process.

### Disclosure of the offers

System will disclose all submitted bids and execute following actions:

#### 06.1. Generation of negative Contract Award Notices

System will automatically generate and add to initial query-model of the stage set of Contract Award Notices (CANs) for all *lots* where:

1. no offers were received during tender period
2. CAs decision on lot cancellation was received during valid period

CANs will be published in a terminal state (*status:unsuccessful*)

|  |
| --- |
| {  "initiator": "BPE",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-cn",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-cn",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "cans": [  {  "id": "ocds-000-00001-can-1", // CAN for lot with no offers received  "status": "unsuccessful",  "statusDetails": "noOffersReceived",  "relatedLot": "1"  },  {  "id": "ocds-000-00001-can-2", // CAN for previously cancelled lot  "status": "unsuccessful",  "statusDetails": "lotCancelled",  "relatedLot": "2"  }  ]  }  } } |

|  |  |
| --- | --- |
| **In case if after submission period end there is nothing to disclose (no bids were submitted) or all submitted bids failed, the system will automatically change this specific lot of this contracting process to status “unsuccessful”.** |  |

#### 06.2. Preparation for the evaluation by Procuring Entity

For all the disclosed bids system will automatically generate a set of qualification envelopes (awards) and launch the awarding period (*tender.awardPeriod*) for this contracting process.

##### Automated eligibility check

Where it is applicable, the system will automatically verify eligibility based on actual official data available via external bus (Mconnect) for each tenderer whose bid was disclosed according to rules of dispatch under the current procurement method. Those bids that passed eligibility check, will go to the technical qualification by Procuring Entity. All the others that failed - go to automatic exclusion.

##### Automated ranking based on award criteria

Depending on the award criteria and the method of the initial evaluation applied by PE (*awardCriteriaDetails*) system will rank eligible bids and suggest them in order of admissibility: from most to least acceptable by applicable criteria.

|  |  |
| --- | --- |
| Read more about [initial automated ranking](#_e0erzljhx23l) for evaluation by the system |  |

As it's shown in the table below, automated ranking can be undertaken using a set of criteria and the relevant conversions applied by PE for each available value of each applied requirement and published in a Contract Notice on one hand and the requirement responses submitted by each EO against published criteria on another hand. These two data-sets allow to calculate normalized value for each bid based on the same approach.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **awardCriteria**  **awardCriteriaDetails** | **priceOnly** | **costOnly** | **qualityOnly** | **ratedCriteria** |
| **automated** | ranking based  on absolute value of the amount of price offer | ranking based  on absolute value of the amount of price offer considering set of values for quantifiable criteria by Procuring Entity (non-price criteria) | ranking based on  values for quantifiable and qualifiable criteria by Procuring Entity (technical requirements, non-price criteria, criteria on a subject specification) | ranking based on absolute value of the amount of price considering set of values for quantifiable and qualifiable criteria by Procuring Entity (technical requirements, non-price criteria, criteria on a subject specification) |
| **manual** | no ranking | no ranking | no ranking | no ranking |

*Award* of most acceptable offer will be marked with *statusDetails:awaiting.*

#### 06.3. Publication of qualification envelopes (awards)

*‘Awards‘* section will be added to the initial query-model of the stage and will include all awards that were generated for all disclosed ‘bids’. Initial status of awards will be ‘pending’.

|  |
| --- |
| {  "awards": [  {  "id": "ocds-000-00001-award-1", // automatically excluded bid  "status": "unsuccessful",  "statusDetails": "excluded"  },  {  "id": "ocds-000-00001-award-2", // most acceptable eligible bid  "status": "pending",  "statusDetails": "awaiting"  },  {  "id": "ocds-000-00001-award-3", // acceptable bid in the line for review  "status": "pending"  }  ] } |

#### 06.4. Award for manual evaluation in offline procedure

*‘Awards‘* section will be added to initial query-model of the stage and will include all awards that were introduced by the CA. Initial status of awards will be *‘pending’*.

|  |
| --- |
| {  "awards": [  {  "id": "ocds-000-00001-award-2",   "status": "pending",  "statusDetails": "empty"  }  ] } |

#### 

### Evaluation by Procuring Entity

Once set of awards for manual qualification and evaluation established, feed point will inform operating NEPP with a list of such awards and its tokens. NEPP shall notify its user (CA) and share received master-data (tokens) with him to be able to operate and provide manual qualification and evaluation.

##### Feed Point notification about ‘awards’ generated

|  |
| --- |
| {  "initiator": "BPE",  "X-OPERATION-ID": "gbrt56yu-5ff8-463f-fdgr-rghnh56yh45",  "data": {  "ocid": "ocds-t1s2t3-TEST-1528370112857",  "url": "public.eprocurement.systems/get/ocds-000-00001/ocds-000-00001-cn",  "operationDate": "",  "outcomes": [  {  "id": "ocds-000-00001-award-1",  "X-TOKEN": "c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4"  },  {  "id": "ocds-000-00001-award-2",  "X-TOKEN": "vbgtr5497-ac2d-4e25-bd7f-cd55dg456dhf"  },  {  "id": "ocds-000-00001-award-3",  "X-TOKEN": "1234d497-ac2d-4e25-bd7f-cd55111aa7b4"  }  ]  }  } |

CA shall sequentially review the bids that are eligible considering its compliance to eligibility criteria automatically checked by the system (if applicable), starting with first ranked by the system (*award.statusDetails:awaiting*).

#### 07.1. Declaration of non conflict of interests by evaluation panel

Due to requirements of declaration of non conflict of interest by evaluation panel members against each tenderer for each bid to be evaluated, the system will generate relevant requests for each member declared by PE within CN. These requests are elements of the ‘criteria’ array related to procuringEntity (*criterion.source:procuringEntity*)

|  |
| --- |
| {  "tender": {  "criteria": [  {  "id": "nonConflictOfInterest",  "source":"procuringEntity",  "requirementGroups": [  {  "id": "nonConflictOfInterest-1",  "requirements": [  {  "id": "nonConflictOfInterest-1-1",  "description": "Text of the declaration",  "dataType": "boolean"  },  {  "id": "nonConflictOfInterest-1-2",  "description": "Text of the confirmation of confidentiality",  "dataType": "boolean"  }  ]  }  ]  }  ]  } } |

Each initial or new (in case of replacement) member of the evaluation panel shall submit relevant responses in order to confirm an absence of conflict of interest for each tenderer (legal entity) in bid received for evaluation by panel and currently associated with an ‘*award.statusDetails: awaiting’*.

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=declaration&lot-id=...&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Send Request

A standard [command model](#_frppn5nsptpx) of declaration of non conflict of interest to be used for the preparation of a request for BPE (for each evaluation panel member against each tenderer from the award.tenderers[])

|  |
| --- |
| **POST** /do/declaration/ocds-000-00001/ocds-000-00001-cn/ocds-000-00001-award-2?tendererId=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4 Content-Type: application/json Host: bpe.eprocurement.systems  {}  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-cn",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-cn",  "operationDate": "2018-08-14T13:51:06Z",  } } |

Once all the evaluation panel members declared a non conflict of interest against each tenderer from the ranked bid, such bidcan be switched to the following step of evaluation. For this a related *‘award*’ to be switched into the following state - consideration*.*

##### 

#### 07.2. Switch to consideration

The ‘award’ associated with an offer (bid) covered by a declarations of non conflict of interest by evaluation panel shall be switched into following specific state which allows PE to evaluate it - *‘award.statusDetails: consideration’:*

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Send Request

|  |
| --- |
| **POST** /do/consideration/ocds-000-00001/ocds-000-00001-cn/ocds-000-00001-award-2 HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4 Content-Type: application/json Host: bpe.eprocurement.systems  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

As a result of the request targeted *‘award’* will be switched into *‘statusDetails:consideration’* and all the related documents (captured with a document type prescribed by the ESPD model) will be disclosed for the PE review.

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-cn",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-cn",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "awards": [  {  "id": "ocds-000-00001-award-2",   "status": "pending",  "statusDetails": "consideration",  "documents": []   }  ]  }  } } |

Such ‘award’ now can be reviewed by an evaluation panel.

##### 

#### 07.3. Eligibility check and qualification

Depending on the award criteria applied and availability of the scoring function, the system will disclose either eligibility documents only for all *bids* where related award is not in *statusDetails:consideration* and full package of documents submitted by EOs within *bid* for *award.statusDetails: consideration* or full package of submitted documents for all the offers submitted for manual review by Procuring Entity.

Where automated eligibility check is not applicable, Procuring Entity shall provide an eligibility check manually during evaluation. The financial part of bids of those candidates who passed eligibility check will go to the technical evaluation. All the others who failed eligibility check are excluded from evaluation.

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=update-award&lot-id=...&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Registration Documentation

Procuring Entity can [register files](#_84vptoez2wll) for the future updated award before such award is updated. Document registration is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z"  } } |

##### Send Request

If the most acceptable bid is in compliance with the eligibility criteria and CAs’ requirements (both technical and financial), CA determines this offer as a qualified by sending ‘*award.statusDetails:active*’. If it is not, CA confirms his decision to disqualify the participant by sending *award:statusDetails:unsuccessful*, and declines such an offer.

|  |
| --- |
| **POST** /do/award/ocds-000-00001/ocds-000-00001-cn/ocds-000-00001-award-2 HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4 Content-Type: application/json Host: bpe.eprocurement.systems  {  "award":{  "description": "",  "statusDetails": "active",  "documents": []  } }  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-cn",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-cn",  "operationDate": "2018-08-14T13:51:06Z",  } } |

##### Uploading Documentation

Tenderer can [upload files](#_s7afjbttzkad) for the newly updated award. Document uploading is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z",  "datePublished": null  } } |

|  |  |
| --- | --- |
| **Before selection step is confirmed as ended CA is able to change his decisions regarding most acceptable offer as many time as needed** |  |

If the most acceptable offer was rejected by CA the system suggests to qualify the next offer from the acceptance perspective. If all the offers for specific lot were declined by CA, this specific lot of this contracting process automatically changes its statusDetails to ‘unsuccessful’ and, upon the completion of the complaining process - to status ‘unsuccessful’.

#### 06.2. Submission of evaluation protocol (completion of evaluation in lot)

Once a winner is selected or all existing offers rejected for a specific lot, CA submits the evaluation protocol which, in its turn, indicates the publication of decision. Such evaluation protocol has to be submitted for each evaluated lot separately.

##### Get X-OPERATION-ID

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb", } |

##### Send Request

|  |
| --- |
| **POST** /do/protocol/ocds-000-00001/ocds-000-00001-cn/lotID HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4 Content-Type: application/json Host: bpe.eprocurement.systems  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

As a result of the decision under each separate lot (submission of evaluation protocol) Contract Award Notice associated with particular lot will be automatically generated and published as an object inside "contracts" section. Depending on the decision of CA, different values of *statusDetails* attribute will be set for generated CANs:

* for CAN under lot where supplier was determined - *statusDetails:active*
* for CAN under lot where supplier was not selected (al bids were rejected) - *statusDetails:unsuccessful*

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-cn",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-cn",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "contracts": [  {  "id": "ocds-000-00001-can-3", // CAN for lot with selected supplier  "status": "pending",  "statusDetails": "active"   },  {  "id": "ocds-000-00001-can-4", // CAN for lot with all offers rejected  "status": "pending",  "statusDetails": "unsuccessful"  }  ]  }  } } |

|  |  |
| --- | --- |
| **Future steps** 06.3. Review period Review period is a time-slot during which the decision of the procuring entity to award a contract can be challenged. All tenderers whose offers were reviewed by PE are able to claim on such made decisions. This review period is the same for all tenderers.   |  | | --- | | {  "contracts": [  {  "reviewPeriod":{  "startDate":"",  "endDate":""  }  }  ] } |   If any complaints were received and accepted for review during the review period, the system automatically establishes standstill period for each received complaint separately.  **Complaint submission**  Complaints on made decisions received during the review period and accepted for review transfer to the official Review body. After the Complaint submission, a representative of the Review Body checks whether all requirements are fulfilled and carried out. If so, a complaint is accepted for review. Otherwise, it is rejected.  **Suspending of procedure**  Such accepted complaints block the opportunity to run a contracting step (publish a contract with the winner) and suspend all evaluation stage via establishing a special time-slot: system automatically establishes standstill period for each complaint received and accepted for review.  **Standstill period**  The duration of the applicable standstill period following a challenge or complaint of decisions or actions taken by the Procuring Entity that are allegedly not in compliance with the provisions of the Law.  **Reviewing**  To indicate the results of review of accepted complaint, representative of Review Body shall specify the results via changing of status of reviewed complaint together with contribution of additional needed information.   * f the complaint was dismissed by Review body, standstill period of such complaint ends * If the complaint was satisfied by the Review body, the Procuring entity carries out the decision under its own responsibility, there are no additional automatic control means. Carried out decision marked with ‘satisfied’ state by CA himself indicates that prescribed judgments of Review Body are satisfied and complaint is complete.   **Resumption of procedure**  After the publication of the Review body’s decision with the status “dismissed” procedure is unsuspended automatically. Satisfied complaints should be changed by CA to ‘complete”. |

### 

#### 06.4. Update of the bid selected as winning offer

Once the Procuring Entity has selected a particular bid as a winning (relevant *award:statusDetails:active* is set for the related *award*) and before the Awarded Contract is issued, Economic Operator is able to update his previously submitted *bid* with any required *documents*, requested by Procuring Entity or prescribed by the Law.

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** **POST** ?form=update-bid&ocid=...&lot-id=...&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Registration Documentation

Procuring entity can [register files](#_84vptoez2wll) for the future updated award before such award is updated. Document registration is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z"  } } |

##### Send Request

|  |
| --- |
| **POST** /do/document/bid/ocds-000-00001/ocds-000-00001-cn/ocds-000-0001-bid-1 HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4 Content-Type: application/json Host: bpe.eprocurement.systems  {}  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-cn",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-cn/",  "operationDate": "2018-08-14T13:51:06Z",  } } |

##### Uploading Documentation

Tenderer can [upload files](#_s7afjbttzkad) for the newly updated BID. Document uploading is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z",  "datePublished": null  } } |

##### 

#### 06.5. Update prepared CAN with document

Once CAN is published and before CAN is confirmed Procuring Entity able to update such CAN with any additionally required or prescribed documents (e.g. report on procedure or signed decision of evaluation panel):

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** **POST** ?form=update-can&ocid=...&lot-id=...&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Registration Documentation

Procuring Entity can [register files](#_84vptoez2wll) for the future updated award before such award is updated. Document registration is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z"  } } |

##### Send Request

|  |
| --- |
| **POST** /do/document/can/ocds-000-00001/ocds-000-00001-cn/ocds-000-0001-can-1 HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4 Content-Type: application/json Host: bpe.eprocurement.systems  {}  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-cn",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-cn/",  "operationDate": "2018-08-14T13:51:06Z",  } } |

##### Uploading Documentation

CA can [upload files](#_s7afjbttzkad) for the newly updated CAN. Document uploading is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z",  "datePublished": null  } } |

|  |
| --- |
| **Future steps** 06.6. Signing of the decision made by TC To be provided |

##### 

#### 06.7. CAN confirmation

CANs with *statusDetails:active* (positive) or *statusDetails:unsuccessful* (negative)has to be confirmed by the Procuring Entity once review period for these decisions expired. Such confirmation executes in a different way for different cases:

##### Confirmation of positive CAN

Once the review period expires for specific CAN and there are no complaints received or satisfied, positive CAN can be confirmed by Procuring Entity with [initiation of generation of draft for awarded contract](#_1rhfzod6owr6).

##### Confirmation of negative CAN

Confirmation of negative CAN requires additional action. Such action can be executed within submitting of separate request to BPE:

**Get X-OPERATION-ID**

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

**Send Request**

|  |
| --- |
| **POST** /do/confirmation/can/ocds-000-00001/ocds-000-00001-cn/ocds-000-00001-can-4/ HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4 Content-Type: application/json Host: bpe.eprocurement.systems  202 Accepted Content-Type: application/json; charset=UTF-8 |

As a result of confirmation of negative CAN, this CAN will be switched by the system automatically to the terminal state with an indication of details of negative outcome through *statusDetails* attribute:

|  |
| --- |
| {  "contracts": [  {  "id": "ocds-000-00001-can-4",   "status": "unsuccessful",  "statusDetails": "allOffersRejected"   }  ] } |

##### 

#### 06.8. CAN cancellation

In case of a limited list of reasons published Contract Award Notice can be cancelled by Procuring Entity. Such cancellation can be executed within submitting of separate object - amendment, contains all the information needed to execute and publish such cancellation.

**Get X-OPERATION-ID**

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=cancel-can&ocid=...&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

**Send Request**

|  |
| --- |
| **POST** /cancel/can/ocds-000-00001/ocds-000-00001-cn/ocds-000-00001-can-3/ HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4 Content-Type: application/json Host: bpe.eprocurement.systems  {}  202 Accepted Content-Type: application/json; charset=UTF-8 |

As a result of cancellation of CAN, this CAN will be switched by system automatically to the terminal state ‘cancelled’, lot will be moved back to evaluation phase and all previous decisions of CA under cancelled CAN will be cancelled. So CA will be able to proceed with [evaluation of *awards* of this lot from very beginning](#_rz8lqv5d1zx9)

|  |
| --- |
| {  "contracts": [  {  "id": "ocds-000-00001-can-3",   "status": "cancelled"  }  ] } |

|  |
| --- |
| **Future steps**  **Signing of the decision on cancellation made by TC**  To be provided |

## Contracting

Since awarded contract shall be generated as a single AC for several lots, either single or several CANs’ IDs can be put under one AC-initiation request depending on decision of Procuring Entity to have separate contract concluded per each awarded lot or one single ‘merged’ contract concluded for the set of awarded lots where selected winner is the same legal entity.

#### 8.1. Awarded contract initiation

Once the established review period expires, a set of *awarded contracts* for manual update and issuing of the contract to be signed and validated by Treasury can be generated by initiation from Procuring Entity.

##### Get X-OPERATION-ID

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=ac&ocid=...&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Send Request

|  |
| --- |
| **POST** /do/contract/ocds-000-00001/ocds-000-00001-cn HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4 Content-Type: application/json Host: bpe.eprocurement.systems  {}   202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point notification about ‘awarded contracts’ generated

Feed point will inform operating NEPP with such *awarded contracts* and its tokens. NEPP must notify its user (CA) and share received master-data (tokens) with him to be able to operate and provide manual qualification and evaluation.

|  |
| --- |
| {  "initiator": "bpe",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "ac": [  {  "id": "ocds-000-00001-ac-1",  "X-TOKEN": "c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4"  }  ]  }  } } |

Each generated ‘awarded contract’ is now related to each ‘award:active’. Such relation described within ‘RelatedProcesses’ object as attribute of specific item of ‘contracts’ array in evaluation part included by the system once ‘awarded contracts’ are generated.

##### Updates of parent Contract Award Notices

|  |
| --- |
| {  "initiator": "bpe",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-cn",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-cn",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "cans":[  {  "id": "ocds-000-00001-can-1",  "relatedProcesses": [  {  "id": "1",  "identifier": "ocds-000-00001-ac-1",  "relationship": "x\_contracting",  "scheme": "ocds",  "uri": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-ac-1"  }  ]  }  ]  }  } } |

Thereafter, CA prepares each draft for signing with updates with actual needed data.

##### 

#### 8.2. Contract preparation

CA shall complete data required for issuing of the contract (its PDF version) based on prescribed template: separate for different procurement categories (goods, works or service). Set of such required date is described by auto-generated draft of the contract.

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=update-ac&ocid=...&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Registration Documentation

Tenderer can [register files](#_84vptoez2wll) for the future updated *contract* before such *contract* is updated. Document registration is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z"  } } |

##### Send Request

|  |
| --- |
| **POST** /do/contract/ocds-000-00001/ocds-000-00001-ac-1/ocds-000-00001-ac-1 HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4 Content-Type: application/json Host: bpe.eprocurement.systems  {}  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-ac-1",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-ac-1",  "operationDate": "2018-08-14T13:51:06Z",  } } |

##### Uploading Documentation

Tenderer can [upload files](#_s7afjbttzkad) for the newly updated *awarded contract.* Document uploading is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z",  "datePublished": null  } } |

|  |  |
| --- | --- |
| **Before prepared contract is issued CA is able to update AC as many time as needed** |  |

##### 

#### 08.3. Issuing of prepared contract

Once all updates are done, CA indicates this contract is fully prepared for signing.

##### Get X-OPERATION-ID

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb" } |

##### Send Request

|  |
| --- |
| **POST** /issue/contract/ocds-000-00001/ocds-000-00001-ac-1 HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4 Content-Type: application/json Host: bpe.eprocurement.systems  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-ac-1",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-ac-1",  "operationDate": "2018-08-14T13:51:06Z",  } } |

|  |  |
| --- | --- |
| * System automatically generates PDF document of needed contract based on received data and standardized template. Such document will be put as a *docType:contractSigned* to the ‘documents’ section of specific contract and all this contract will be switched to ‘*statusDetails:approvement*’. Thereafter, signing and validation process starts. * Also system will include description of required confirmations via adding a *‘confirmationRequests’* array of object to the *‘contract’* |  |

##### 

#### 08.4. Signing

Once contract is issued and PDF version is generated and added to the contract.documents by the system, contract will go to ‘*statusDetails:approvement*’ and will be ready to signed by Contracting Authority. To confirm that contract signed by CA:

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operation.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Registration Documentation

Tenderer can [register files](#_84vptoez2wll) for the future updated *contract* before such *contract* is updated. Document registration is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z"  } } |

##### Send Request

|  |
| --- |
| **POST** /do/confirmation/buyer/ocds-000-00001/ocds-000-00001-ac-1/confirmationRequestID HTTP/1.1  **POST** /do/confirmation/supplier/ocds-000-00001/ocds-000-00001-ac-1/confirmationRequestID HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4 Content-Type: application/json Host: bpe.eprocurement.systems  {}  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-ac-1",  "url": "http://public.eprocurement.systems/tenders/ocds-000-00001/ocds-000-00001-ac-1",  "operationDate": "2018-08-14T13:51:06Z",  } } |

##### Uploading Documentation

Tenderer can [upload files](#_s7afjbttzkad) for the newly updated *awarded contract.* Document uploading is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z",  "datePublished": null  } } |

|  |  |
| --- | --- |
| **The signing of generated contract and any other documents that must be signed according to confirmation requests is completely on the NEPPs side through M-Sign** |  |

##### 

#### 08.5. Validation

#### 08.6. Activation

|  |
| --- |
| **Future steps** 08.7. Execution To be provided during next phase 08.8. Amendments and extensions To be provided during next phase 08.9. Termination To be provided during next phase |

### 

## Tender/lot cancellation

The cancellation mechanism technically implemented in a different way for all tender and separate lot:

#### 09.1. Cancellation of procedure

Any time before first AC is concluded, issued, signed and activated, CA is able to cancel procedure by his own decision based on one or several of pre-defined reasons. After at least one AC passed preparation phase and activated - there is no more way to cancel all procedure. It is only lots can be canceled in case if such lots still in ‘active’ status and there is no activated AC related with this lot (see details bellow).

##### Get X-OPERATION-ID and needed data set from Form Service

Learn more about [mechanism and what is ‘X-OPERATION-ID’ is](#_uaoi4wq6ra25)

|  |
| --- |
| **POST** ?form=cancellation-tender&ocid=...&lang=... HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Host: operations.eprocurement.systems  201 OK Content-Type: application/json; charset=UTF-8  {  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "schema": {},  "data": {} } |

##### Registration Documentation

Procuring entity can [register files](#_84vptoez2wll) for the future amendment for contracting process before such amendment is updated. Document registration is an iterative process.

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z"  } } |

##### Send Request

|  |
| --- |
| **POST** /cancel/cn/ocds-000-00001/ocds-000-00001-cn HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb X-TOKEN: c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4 Content-Type: application/json Host: bpe.eprocurement.systems  {}  202 Accepted Content-Type: application/json; charset=UTF-8 |

##### Feed Point Response

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-cn",  "url": "http://public.eprocurement.systems/tenders/ocds-000-0000/ocds-000-00001-cn",  "operationDate": "2018-08-14T13:51:06Z",  } } |

##### Uploading Documentation

Tenderer can [upload files](#_s7afjbttzkad) for the newly created amendment. Document uploading is an iterative process. Accordingly, a registration request must be made for each document added

|  |
| --- |
| **POST** /registration HTTP/1.1 Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l Content-Type: application/json Host: storage.eprocurement.systems  {  "hash": "9a0364b9e99bb480dd25e1f0284c8555",  "weight": "1024",  "filename": "file.txt" }  201 Created Content-Type: application/json; charset=UTF-8  {  "success": true,  "data": {  "id": "4c4f5a50-89cd-11e8-b758-dd76462396b0",  "url": "http://storage.eprocurement.systems/get/4c4f5a50-89cd-11e8",  "dateModified": "2018-07-17T14:25:47Z",  "datePublished": null  } } |

##### 

#### 09.2. Cancellation of single lot

Cancellation of lot is executed within [standart update of Contract Notice](#_8glai3hmni34): identifier of lot or lots to be excluded needs to be absent in update-payload based on cn command-model

|  |  |
| --- | --- |
| **CA can cancel either procedure or separate lot anytime before its completion** |  |

|  |
| --- |
| **Future steps** |