

***Moldova: Policy advice, legislative drafting and on-going support to the MTender Pilot in 2020.***

***MTENDER – API for Competitive Procedures***

***Workplan ID: P2-T1-A4***

***September 2020***

**APPROVAL PAGE**

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| --- | --- | --- |
| **Consultancy & Report Author** | Signature: | Date: |
| **Everis Spain, SLU** |
| **Persons authorised to Sign-off** | Signature: | Date: |
| **Eliza Niewiadomska, EBRD OL** |

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**ABBREVIATIONS**

|  |  |
| --- | --- |
| **Term** | **Description** |
| API | Application Programming Interfaces |
| BPE | Business Process Editor |
| BPMN | Business Process Model Notation |
| CA | Contracting Authority |
| CAN | Contract Award Notice |
| CDU | Central Database Unit |
| CN | Contract Notice |
| EO | Economic Operator |
| EoI | Expression of Interest |
| NEPP | Networking Electronic Procurement Platform |
| PIN | Prior Information Notice |
| PMD | Procurement Method Details |
| PN | Prior Notice |

**GLOSSARY:**

|  |  |
| --- | --- |
| **Term** | **Description** |
| MTender | MTender is an end-to-end eProcurement system implemented in Moldova that aims at covering the full public procurement cycle. It is based on a multi‑platform networking digital procurement model, comprising a government‑operated web portal and the Open Data central database unit, which is networking with several commercial electronic platforms certified to support electronic tendering procedures for public sector and commercial clients. |

# Introduction

The MTender system has a networked interoperable digital procurement architecture that relies on the interaction between the web portal, the central unit, and a variable number of Networking Electronic Procurement Platforms (NEPPs). The interconnection between the central unit and commercial marketplaces is facilitated by an Application Programming Interface (API) that exchanges data electronically and automatically. As a result of the interoperability, a collective authentication, synchronisation and validation of the data is achieved in real time for all transactions conducted on the system. The front-end platforms are web platforms that implement the electronic procurement system features and provide access for contracting authorities (CAs) and economic operators (EOs). The NEPPs interact with the central unit via the API.

The public procurement process in Moldova includes both online and offline procedures.

In online procedures based on a selective method:

1. The Contracting Authority (CA) publishes a notice;
2. Interested Economic Operators (EOs) must submit a request to participate in response to this notice;
3. Only those EOs which are pre-selected by the CA may submit offers.

This report describes how the MTender (the System) may be used for a restricted procedure according to the European Union Public Procurement Directives[[1]](#footnote-1).

This is a procedural use-case and no individual transactions are defined. Reference is made to other profiles, in which the transactions and the transaction information requirements are listed and defined.

The purpose of this document is to provide all necessary techical information for the implementation of competitive procedures by the NEPPs.

# Scope

At the system level, it is necessary to implement several online procedure based on a selective procurement method. These are:

* Procedure for utilities;
* Restricted tender.

# Business processes

The following diagrams show the sequence of the business processes implemented under this profile and defines the sequence of interactions.

## Common flow of an online selective procedure for utilities

The following Business Process Model Notation (BPMN) covers the common flow of the procurement procedure for utilities based on a selective method:

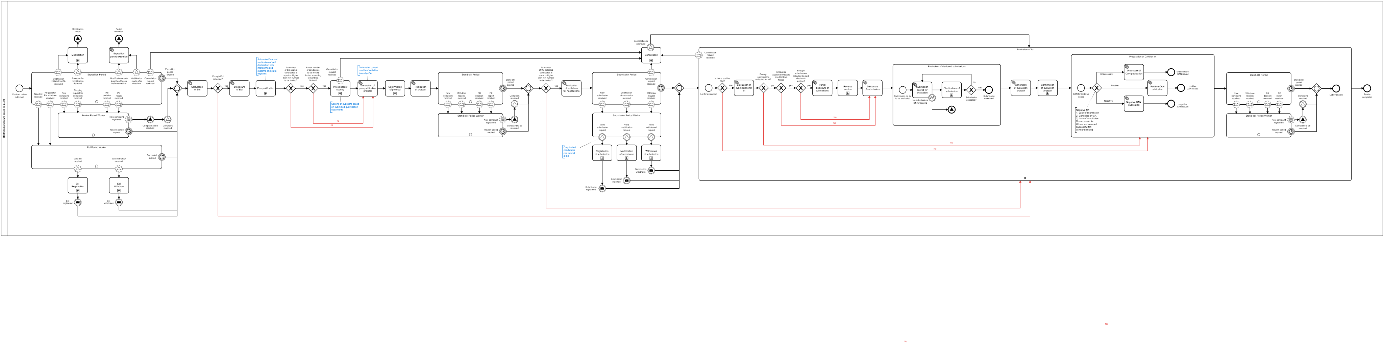


Figure 1 - BPMN for common online selective procedure for utilities[[2]](#footnote-2)

## Common flow of restricted tender

The following BPMN covers the common flow of a restricted procurement procedure based on a selective method:

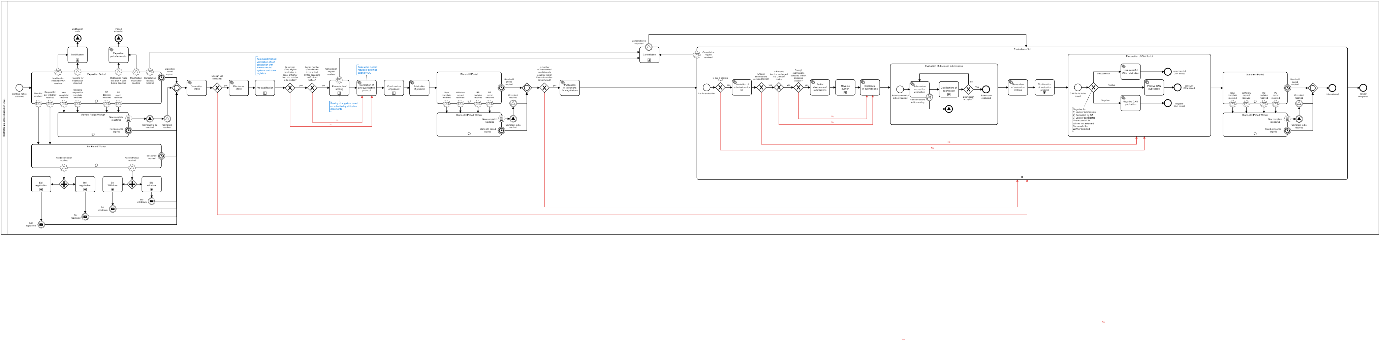


Figure 2 - BPMN for restricted procedure based on a selective method[[3]](#footnote-3)

# Technical design

In order to implement each use case in accordance with its’ procurement model processed expressed in BPMN in the System, the technical aspects described in this section should be taken into consideration.

## Preparation of the Contract Notice

The general flow of an online procedure based on a selective method starts with a line in the annual procurement plan (Prior Information Notice or simplified Prior Notice - PAPI-1-1: Procurement initiation - prior notices) based on a described need (PAPI-0-1: Expenditure Item) and the sources of financing (PAPI-0-2: Funding Source) declared for such a need.

The preparation of a Call for Expressions of Interest (EoI) under an online procurement procedure based on a selective method consists of the preparation and publication of a Contract Notice (CN) based on a prior notice.

For the preparation of the CN, the following crucial parameters shall be determined as follows:

|  |  |  |
| --- | --- | --- |
| **Command model attribute** | **Procurement for utilities** | **Restricted procedure** |
| tender.procurementMethod | selective | selective |
| tender.procurementMethodDetails | gpa | rt |

Table 1 – Parameters for the preparation of the CN

### State-chart diagram

The life cycle of a *cpPhase* for the multi-stage non-repetitive procedure based on a selective method consists of the following states:

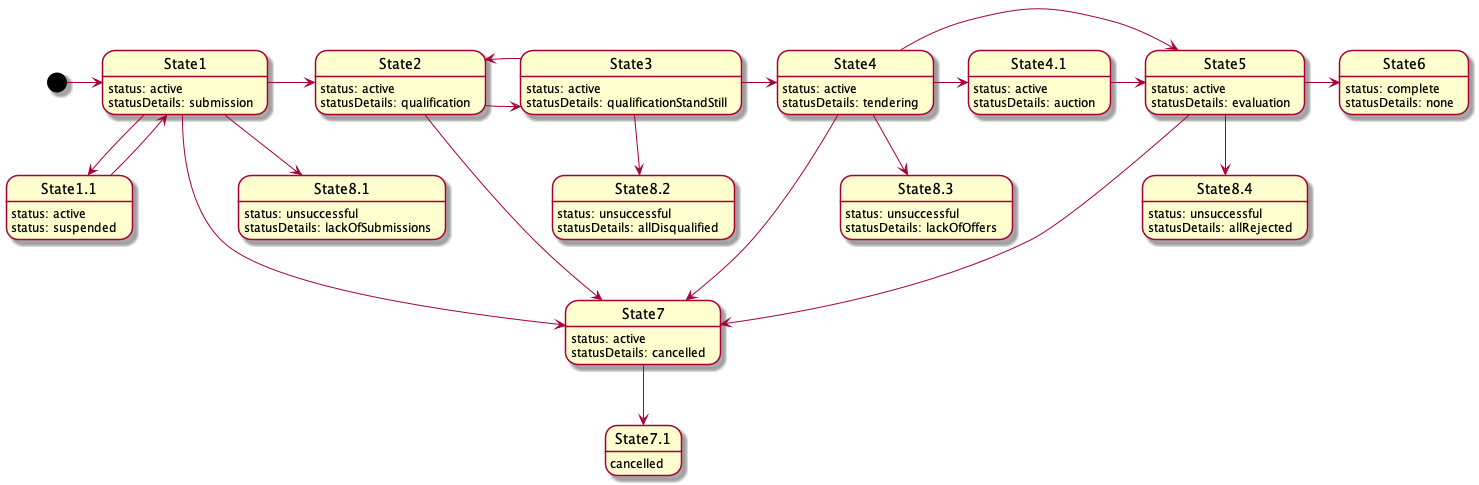


Figure 3 - State-chart diagram for an online multi-stage non-repetitive procedure based on a selective method

## Pre-qualification

Along with the publication of a CN for an online procurement procedure based on a selective method, the time-frame for the submission of expressions of interest by EOs shall be established in the pre-qualification phase.

A separate preQualification block shall be included into a command model:

|  |
| --- |
| {  "preQualification":{  "period":{  "startDate":"",  "endDate":""  }  } } |

Figure 4 – Pre-qualification period

### Submission of expressions of interest by interested EOs

EOs can submit an EoI during a certain period of time indicated in the tender documents. Each EoI shall fulfill all the requirements detailed through the qualification criteria stated by the CA.

Such requests must be based on the following submission schema:

|  |
| --- |
| {  "submission":{    "id":"",  "requirementResponses":[],  "candidates":[  {}  ]    } } |

Figure 5 – Submission of expressions of interest

### Enquiries - requests and clarifications

EOs can send requests for clarification during a certain period of time indicated in the CN enquiryPeriod, according to PAPI-12-1: Clarification of conditions.

### Pre-qualification by the CA

### Initiation of pre-qualification

### Disclosure of submissions

When enough EoI are received from EOs, the submitted EoI must be disclosed using the submissions array according to the following schema:

|  |
| --- |
| {  "submissions":{  "details":[]  } } |

Figure 6 – Disclosure of submissions

### Establishment of a period for qualification by the CA

In order to indicate that the qualification phase of a procurement process has started, a separate qualificationPeriod.startDate shall be added into a preQualification:

|  |
| --- |
| {  "preQualification":{  "qualificationPeriod":{  "startDate":""  }  } } |

Figure 7 – Qualification period

### Qualification of envelopes

Along with the initiation of the pre-qualification phase by the CA, a set of qualifications must be established against each EoI received in order to allow the CA to reflect the decision taken regarding the EoI.

|  |
| --- |
| {  "qualifications":[  {  "id":"",  "status":"pending",  "statusDetails":"awaiting",  "candidates":[],  "relatedSubmission":""  }  ] } |

Figure 8 – Qualification of envelopes

Such objects are initially established with status:pending and statusDetails:awaiting. Since no order is stated for the pre-qualification sequence, the CA can qualify the received EoI randomly.

### Declaration of non-conflict of interest

Before starting the qualification phase, all members of the evaluation panel (see Profile PAPI-11-6: Evaluation panel) shall provide a declaration of non-conflict of interest according to the common flow described in Profile PAPI-8-1: Declaration of absence of conflict of interest by CA.

### Qualification of EoI

Once all declarations of non-conflict of interest against a specific EO which submitted an EoI are provided by the evaluation committee, the related qualification for this EoI may be switched into statusDetails: consideration.

### Consideration

The CA shall update the qualification with all the required meta-data, being allowed to:

* Add qualification.documents if needed;
* add text qualification.description where any justification is needed;
* add qualification.internalID (if any).

### Indication of a decision

Once the revision of a specific EoI is complete and the related qualification is fully updated with all relevant data, the CA shall switch this qualification into one of the following states, reflecting the decision taken:

* qualification.statusDetails: active means that the EoI is qualified (that is, that the EO will be invited to submit an offer);
* qualification.statusDetails: unsuccessful - means that the EoI is disqualified.

### Qualification protocol

Once the CA has completed the revision of the received EoI and all the qualifications are updated with relevant meta-data, the CA must indicate the end of the pre-qualification phase by submitting a qualification protocol.

### Completion of qualification

If no blockages arise during the stand-still period (out of system), the CA can initiate the end of the pre-qualification phase by initiating the second stage of the selective procedure, that is, the tendering phase. In order to do so, a tenderPeriod for this second stage needs to be defined by the CA:

|  |
| --- |
| {  "tender":{  "tenderPeriod":{  "startDate":"",  "endDate":""  }  } } |

Figure 9 – Tender period

The completion of the qualification period will have the consequences described in the following sections.

### Completion of the qualification period

An indicator of the completion of the qualificationPeriod will be added into preQualification.qualificationPeriod:

|  |
| --- |
| {  "preQualification":{  "qualificationPeriod":{  "endDate":""  }  } } |

Figure 10 – End of qualification period

### Finalization of the pre-qualification phase

All qualifications shall be switched into final statuses:

* qualification.status: pending / statusDetails: active → qualification.status: active / statusDetails: none means that the related EoI is qualified and the EO is invited to submit a commercial offer;
* qualification.status: pending / statusDetails: unsuccessful → qualification.status: unsuccessful / statusDetails: none means that the related EoI is disqualified.

All related submitted EoI shall be switched into the following statuses:

* qualification.status: active → submission.status: valid;
* qualification.status: unsuccessful → submission.status: disqualified.

### Completion of the pre-qualification phase

The result of the pre-qualification phase shall be reflected with:

* preQualification.status.complete, where a number enough of EOs who sent an EoI are invited to submit an offer;
* preQualification.status.unsuccessful, where the pre-qualification phase has been completed in a negative way due to the lack of EoI by EOs or because all the received EoI were disqualified.

## Tendering

### Invitations for qualified EOs

Once the pre-qualification phase and the following stand-still period are over, and when the tendering phase is initiated by the CA in order to disclose the offers by the short-list of invited EOs, a separate array invitations will be generated with a separate element for each invited EO (that is, those with qualification.status: active):

|  |
| --- |
| {  "invitations":[  {  "id":"",  "date":"",  "tenderers":[],  "relatedQualification":""  }  ] } |

Figure 11 – Invitations for qualified EOs

Only those EO that have been invited are allowed to submit a tender. Any tender submitted by EOs that have not been invited shall be refused automatically.

### Submission of offers by invited EOs

Each invited EO is allowed to submit an offer within a given tender.tenderPeriod. Each offer shall fulfil all the requirements defined by the criteria related to every item or lot, providing an array of requirementResponses.

Each offer includes:

* A reference to the EO’s profile, previously sent with the EoI (in case of two-stage procedures);
* a set of documents of the offer, specifying the types of documents for their future splitting into different "envelopes";
* the financial value of the offer;
* a set of required responses according to the criteria specified by the CA (for example, related to the subject of procurement; related to the delivery and post-delivery, etc.).

Such requests are based on the bid schema:

|  |
| --- |
| {  "bid":{  "id":"",  "status":"",  "relatedLots":[],  "tenderers":[],  "items":[  {  "id":"",  "description":"",  "quantity":""  }  ],  "requirementResponses":[]  } } |

Figure 12 – Submission of offers

All the received offers remain confidential and closed until the expiration of the tendering period tender.tenderPeriod.endDate. Once the tender.tenderPeriod.endDate is achieved, offers cannot be submitted, withdrawn or amended.

## Electronic Auction

Electronic Auctions (eAuction) can be used as a part of the process, according to Profile PAPI-11-5: Electronic auctions.

## Evaluation

### Disclosure of proposals

When enough offers have been received, the disclosure of these offers shall be reflected in a bids array according to the following schema:

|  |
| --- |
| {  "bids":{  "details":[] } |

Figure 13 – Disclosure of proposals

### Establishment of a period for evaluation

A separate object awardPeriod must be added into a tender when the specific start date for awarding is automatically set:

|  |
| --- |
| {  "tender":{  "awardPeriod":{  "startDate":""  }  } } |

Figure 14 – Award period

### Evaluation of offers

Along with the establishment of the tender.awardPeriod.startDate, a set of awards must be established for each offer received in order to allow the CA to reflect the decision taken for these offers. Such objects are based on the award schema and are initially defined with status:pending for all.

|  |
| --- |
| {  "awards":[  {  "id":"",  "status":"pending",  "suppliers":[],  "relatedLots":[],  "relatedBid":""  }  ] } |

Figure 15 – Evaluation of offers

### Initial ranking based on award criteria

Depending on tender.awardCriteria and tenderAwardCriteriaDetails, offers can or cannot be initially automatically ranked according to Profile PAPI-7-2: Initial ranking for evaluation.

### Evaluation by the CA

Once an initial ranking is available (according to the awarding methodology applied), the CA can start the manual evaluation of offers according to either PAPI-7-1: Simple manual evaluation or PAPI-7-3: Scoring function - advanced evaluation.

### Completion of the procedure

The evaluation process ends with the submission of a protocol that reflects the results of the tendering procedure. Once evaluation is completed and each received offer’s state is updated, the CA submits the evaluation protocol which indicates the publication of the Contract Award Notice (CAN) according to Profile PAPI-9-1: Award decision - contract award notice. This protocol has to be submitted for each lot separately.

## Initiation of a contract

See [PAPI-10-1: Initiation of a contract](http://some)

## Cancellation of a procedure

See [PAPI-3-3: Termination of a procedure](http://some)

# Tutorial

This tutorial explains step-by-step how to use both the (Central Database Unit) CDUs’ command and query APIs in order to fulfil all the aforementioned requirements and perform all the functionality covered in this Profile

## Pre-conditions

The procurement process for online procedures based on a selective method begins the same way as for any other procurement method: from the line in the annual procurement plan (Prior Information Notice (PIN) or simplified Prior Notice (PN) - [PAPI-1-1: Procurement initiation - prior notices](http://some)) based on the need described ([PAPI-0-1: Expenditure Item](http://some)) and the sources of financing ([PAPI-0-2: Funding Source](http://some)) declared for this need.

## Getting started

This tutorial shows step-by-step a sequence of all actions and requests a contributor (NEPP) needs to conduct throughout the entire process covered by the use-cases.

### Create a CN on a PN

To prepare a CN for a procurement procedure based on a limited method previously created cpPhase.PN to be updated with all data according to a relevant command model.

#### Get X-OPERATION-ID

According to [CDUI-2-1: X-OPERATION-ID](http://some), for the identification of an operation before starting and, in particular, for the preparation of a CN, a unique X-OPERATION-ID shall be requested:

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

Figure 16 – Identification of the operation

#### Registration of documentation

According to [CDUI-3-1: Registration of a document](http://some), the CA can register document for the future cpPhase.CN before it is created:

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

Figure 17 – Registration of documentation

#### Send a request for the creation of a CN based on a PN

To introduce a new CN for a procurement procedure based on the limited method [createCNonPN.selective](http://some)-online command, a model should be used for the preparation of POST-request for BPE with the following parameters:

|  |
| --- |
| /do/cn/cpid/ocid?country=...&pmd=... |

Where:

* cpid - OCID of parent Contracting Process (cProcess)
* ocid - OCID of a prior notice under this contracting process
* country - Identifier of country of jurisdiction according to [‘country’ codelist](https://docs.google.com/document/d/1MNLX0QObYfPwFf74iOt1E4VUozTxbKpLcObRymTOrlc/edit#heading=h.bs2kmvk44pui)
* pmd - Identifier procurementMethodDetails according to [‘pmd’ codelist](https://docs.google.com/document/d/1MNLX0QObYfPwFf74iOt1E4VUozTxbKpLcObRymTOrlc/edit#heading=h.aftn7smycjc5)

|  |
| --- |
| **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.HOST  {} // data set based on createCNonPN.selective-online command-model  202 Accepted Content-Type: application/json; charset=UTF-8 |

Figure 18 – Creation of a CN

|  |  |  |  |
| --- | --- | --- | --- |
| **Important!** Find below the main differences of a command model between a selective procedure and an open procedure:  **Pre-qualification**  A separate preQualification block shall be included into the CN in order to initiate a call for EoIs:   |  | | --- | | {  "preQualification": {  "period": {  "endDate": ""  }  }  } |   **No tender period**  Since there is no period for the submission of offers at the first stage of the selective procedure, tenderPeriod is supposed to be excluded from the request.  **Second-stage parameters**  The CA is allowed to limit the number of candidates to be invited to submit an offer in the second stage of the procedure. In this case, pre-selection instead of pre-qualification will be applied in order to evaluate the EOs which submit an EoI. In order to limit the number of candidates, secondStage building block shall be included within the tender:   |  | | --- | | {  "tender": {  "secondStage": {  "minimumCandidates": 2,  "maximumCandidates": 5  }  }  } |   **Other criteria**  Technique for the reduction of the number of candidates according to the limits of the secondStage:   |  | | --- | | "tender": {  "otherCriteria": {  "qualificationSystemMethods": [  "" *// The value from enum [“automated” or “manual” ]*  ],  "reductionCriteria": "" *// The value from enum [“scoring” or “none” ]*  }  } | |

|  |
| --- |
| Together with the request, information needed for future automated evaluation can be expressed:  **PAPI-2-5: Evaluation panel**  A set of CA evaluation panel could be announced.  **PAPI-11-1: Award criteria**  The set of criteria may include different types of requirements, used in different ways and for different reasons.  **PAPI-11-4: Conversions**  When a scoring function is used, a set of verifiable conversions might be needed for future ranking and evaluation of offers. |

#### Feed Point Response

As a result of the command execution, a separate ocds-record is formed in the system describing the Contract Notice created. The system will inform the contributor (according to the [CDUI-5-1: Backward notification](http://some)) with the following message:

|  |
| --- |
| {  "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.HOST/tenders/ocds-000-00001/ocds-000-00001-sp",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "ev": [  {  "id": "ocds-000-00001-sp"  }  ]  }  }  } |

Figure 19 – Contract Notice created

#### Upload documentation

Having both the documents registered and the cpPhase.CN created, the CA can upload documents according to [CDUI-3-2: Upload of a document](http://some). Document uploading is an iterative process.

|  |
| --- |
| **POST** /upload/389684cc28c242b79c97c56be5142e25 HTTP/1.0  Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l  Content-Length: 58  Content-Type: multipart/form-data; boundary=----------a\_BoUnDaRy572732436472$  Host: storage.HOST  ------------a\_BoUnDaRy572732436472$  content  ------------a\_BoUnDaRy572732436472$--  201 Created  Content-Type: application/json; charset=UTF-8  {  "data": {  "url": "https://storage.HOST/get/389684cc28c242b79c97c56be5142e25"  }  } |

Figure 20 – Upload of documentation

#### Request full result

Once all previous actions are finalised, the newly created CN is now available in a Public Point:

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

Figure 21 – CN available in a Public Point

### Amend a CN

Once a CN is published, only non-significant changes and amendments are available according to [PAPI-3-1: Corrigendum notice - amendment of initial conditions](http://some).

#### Get X-OPERATION-ID

According to [CDUI-2-1: X-OPERATION-ID](http://some), the identification of an operation before it starts is required and, in particular, for the preparation of an amendment, a unique operations’ identifier X-OPERATION-ID shall be requested:

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

Figure 22 – Identification of the operation

#### Registration of documentation

According to a [CDUI-3-1: Registration of a document](http://some), the CA can register documents related to an amendment.

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

Figure 23 – Registration of documentation for an amendment

#### Send a request for the amendment of a CN

To amend a CN using an [amendPhase](http://some) command, a model should be used for the preparation of a POST-request for BPE with the following parameters:

|  |
| --- |
| /do/cn/cpid/ocid |

Where:

* cpid - OCID of parent Contracting Process (cProcess)
* ocid - OCID of a phase of contracting process to be amended

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

Figure 24 – Amendment of a CN

#### Feed Point Response

As a result of the command execution a separate ocds-release is formed in the system describing the CN together with amendment. The System will inform the contributor (according to [CDUI-5-1: Backward notification](http://some)) with the following message:

|  |
| --- |
| {  "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.HOST/tenders/ocds-000-00001/ocds-000-0000-sp",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "amendment": {  "id": "ocds-000-00001-cn-amendment-1"  }  }  }  } |

Figure 25 – Contract Notice with amendment

#### Upload documentation

Now the CA can upload new documents related to the CN, according to [CDUI-3-2: Upload of a document](http://some).

|  |
| --- |
| **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"  }  } |

Figure 26 – Upload of documentation

#### Request full result

Once all previous actions are finalised, the amended CN is now available in a Public Point:

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

Figure 27 – Amended CN available in a Public Point

### Clarification

The clarification activities conducted during the enquiryPeriod must be performed according to common Profile PAPI-12-1: Clarification of conditions.

### Submission of an EoI

In order to submit a new EoI for pre-qualification, the actions described in the following sections must be performed.

#### Get X-OPERATION-ID

According to [CDUI-2-1: X-OPERATION-ID](http://some), the identification of an operation before it starts is required and, in particular, for the preparation of the submission of an EoI, a unique operations’ identifier X-OPERATION-ID shall be requested:

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

Figure 28 – Identification of the operation

#### Registration of documentation

According to a [CDUI-3-1: Registration of a document](http://some), the EO can register documents related to the submission of an EoI.

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

Figure 29 – Registration of documentation by an EO

#### Send a request for the submission of an EoI

To submit an EoI within an online procedure based on a selective method using a createSubmission command, a model should be used for the preparation of a POST-request for BPE with the following parameters:

|  |
| --- |
| /do/submission/cpid/ocid |

Where:

* cpid - OCID of parent Contracting Process (cProcess)
* ocid - OCID of a phase of contracting process

|  |
| --- |
| **POST** /do/submission/ocds-000-00001/ocds-000-00001-sp HTTP/1.1  Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l  X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb  Content-Type: application/json  Host: bpe.HOST  {  "submission": {  "id": ""  "candidates": [  { "$ref": "#/definitions/Organization" }  ]  "documents": [  { "$ref": "#/definitions/Document" }  ],  "requirementResponses":[  { "$ref": "#/definitions/requirementResponse" }  ]  }  }  202 Accepted  Content-Type: application/json; charset=UTF-8 |

Figure 30 – Request for submission of an EoI

|  |  |
| --- | --- |
| **Requirement Responses**  An EoI shall include relevant requirementResponse for each requirement expressed through criteria, where criterion.source: tenderer  Read more about [requirement responses for automated ranking and evaluation](https://docs.google.com/document/d/1MNLX0QObYfPwFf74iOt1E4VUozTxbKpLcObRymTOrlc/edit#heading=h.h30oqui81uz8) |  |

#### Feed Point Response

As a result of the command execution, a separate ocds-release is formed in the system describing the submitted EoI. The System will inform the contributor (according to a [CDUI-5-1: Backward notification](http://some)) with a following message:

|  |
| --- |
| {  "initiator": "platform",  "X-OPERATION-ID": "f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb",  "X-RESPONSE-ID": "f5c6a3c1-5ff8-463f-9c0c-d4c1f324b7fb",  "data": {  "ocid": "ocds-000-00001-sp",  "url": "http://public.HOST/tenders/ocds-000-00001/ocds-000-00001-sp",  "operationDate": "2018-08-14T13:51:06Z",  "outcomes": {  "submissions": [  {  "id": "333-submission-id-3344",  "X-TOKEN": "c3bdd497-ac2d-4e25-bd7f-cd55111aa7b4",  }  ]  }  }  } |

Figure 31 – Submitted EoI

#### Upload documentation

|  |  |
| --- | --- |
| Note that there will be no updated information in a Public Point after the submission of an offer since all the offers remain confidential until the deadline for submission (tender.tenderPeriod.endDate) . |  |

Now, having both the documents registered and the EoI submitted, the EO can upload documents according to [CDUI-3-2: Upload of a document](http://some). Document uploading is an iterative process.

### 5.2.5 Withdrawal of an EoI

In order to withdraw an EoI, the actions described in the following sections must be performed.

#### Get X-OPERATION-ID

According to [CDUI-2-1: X-OPERATION-ID](http://some), the identification of an operation before it starts is required and, in particular, for the preparation of the withdrawal of an EoI, a unique operations’ identifier X-OPERATION-ID shall be requested:

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

Figure 32 – Identification of the operation

#### Send a request for the withdrawal of an EoI

To withdraw an EoI, a request shall be send to BPE with the following parameters:

|  |
| --- |
| /cancel/submission/cpid/ocid/id |

Where:

* cpid - OCID of parent Contracting Process (cProcess)
* ocid - OCID of a phase of contracting process
* id - an identifier of submission to be withdrawn

|  |
| --- |
| **POST** /cancel/submission/ocds-000-00001/ocds-000-00001-sp/333-submission-id-3344 HTTP/1.1  Authorization: Bearer QWxhZGRpbjpPcGVuU2VzYW1l  X-OPERATION-ID: f5c6a3c0-5ff8-463f-9c0c-d4c1f324b7fb  Content-Type: application/json  Host: bpe.HOST  {}  202 Accepted  Content-Type: application/json; charset=UTF-8 |

Figure 33 – Request for withdrawal of an EoI

#### Feed Point Response

As a result of the command execution, the System will inform the contributor (according to [CDUI-5-1: Backward notification](http://some)) with a relevant message.

1. <https://ec.europa.eu/environment/gpp/eu_public_directives_en.htm> [↑](#footnote-ref-1)
2. <https://cawemo.com/share/69ce87fa-e520-4868-bee8-82022d0bac70> [↑](#footnote-ref-2)
3. <https://cawemo.com/share/5c740c57-0089-4ca6-bbd3-81dfb7df673e> [↑](#footnote-ref-3)