

Switzerland-Ittigen: Industry specific software package

OJ S 238/2020 07/12/2020

Contract notice

Supplies

Legal Basis:

Directive 2014/24/EU

Section I: Contracting authority

I.1. Name and addresses

Official name: Federal Roads Office Fedro
Postal address: Pulverstrasse 13
Town: Ittigen
NUTS code: CH0 Schweiz/Suisse/Svizzera
Postal code: 3063
Country: Switzerland
Contact person: VL-CH IVM RE1
E-mail: ausschreibung-netze@astra.admin.ch
Internet address(es):
Main address: <https://www.simap.ch>

I.3. Communication

Access to the procurement documents is restricted. Further information can be obtained at:
http://www.simap.ch/shabforms/servlet/Search?NOTICE_NR=1166341
Additional information can be obtained from the abovementioned address
Tenders or requests to participate must be submitted to the following address:
Official name: Federal Roads Office Fedro
Postal address: Pulverstrasse 13
Town: Ittigen
Postal code: 3063
Country: Switzerland
Contact person: VL-CH IVM RE1 'do not open - tender documents'
E-mail: ausschreibung-netze@astra.admin.ch
NUTS code: CH0 Schweiz/Suisse/Svizzera
Internet address(es):
Main address: <https://www.simap.ch>

I.4. Type of the contracting authority

Ministry or any other national or federal authority, including their regional or local subdivisions

I.5. Main activity

General public services

Section II: Object

II.1. Scope of the procurement**II.1.1. Title**

Application to Control the Traffic Management Systems of National Roads

II.1.2. Main CPV code

48100000 Industry specific software package

II.1.3. Type of contract

Supplies

II.1.4. Short description

The procurement contract comprises the Swiss Traffic Control System (VL-CH) and the associated services. The bidder is to supply all system components from a single source, integrate the FEDRO specialized logic into the VL-CH system, integrate the existing system landscape, put the VL-CH system into operation and maintain it on a long-term basis and further develop and adapt it continually to FEDRO's needs.

Two locally-independent traffic management (VM) systems shall be connected to the system. The bidder shall devise a detailed concept for integrating the Swiss traffic control system into the FEDRO environment and the procedures for connecting the two VM systems (Proof of concept). In addition, the bidder shall develop an integration concept to integrate and introduce the two VM systems. Further tasks include the development of an interface specification as a standard requirement for connecting all VM systems of the Swiss motorways in future.

II.1.5. Estimated total value

II.1.6. Information about lots

This contract is divided into lots: no

II.2. Description

II.2.3. Place of performance

NUTS code: CH0 Schweiz/Suisse/Svizzera

Main site or place of performance: Switzerland.

II.2.4. Description of the procurement

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II.2.5. Award criteria

Criteria below

Cost criterion - Name: AC 01 Overall evaluation of the proposed solution / Weighting: 5 %

Cost criterion - Name: AC 02 Overall evaluation of the prototype / Weighting: 10 %

Cost criterion - Name: AC 03 Compliance with the 1st priority requirements / Weighting: 20 %

Cost criterion - Name: AC 04 Compliance with the 2nd priority requirements / Weighting: 10 %

Cost criterion - Name: AC 05 Approach concept focused on the integration concept of TM systems/architecture, business organization / Weighting: 25 %

Cost criterion - Name: AC 06 Tender price / Weighting: 30 %

II.2.6. Estimated value

II.2.7. Duration of the contract, framework agreement or dynamic purchasing system

Start: 01/03/2022 End: 31/12/2022

This contract is subject to renewal: yes

Description of renewals:

Life cycle contract commences on 1 January 2023 and ends on 31 December 2032.

II.2.10. Information about variants

Variants will be accepted: no

II.2.11. Information about options

Options: yes

Description of options:

Option 1: Maintenance/software maintenance

Software maintenance comprises correction services (error elimination) and adaptation services (adaptation to changes in circumstances). The aim of maintenance is to ensure the functionality of the VL-CH system on a sustainable basis. It should be possible to plan and implement optimizations and improvements as well as adaptations to changed requirements.

Option 2.1: 3rd level support

The bidder provides 3rd level support with an annually consultable cost ceiling and supports the operator in the event of malfunctions with different and yet-to-be defined service level variants (e.g. 24 x 7 or during office hours).

The service period extends from the planned start on 1 January 2023 until the planned termination on 31 December 2032.

Option 2.2: 1st, 2nd and 3rd level support

The bidder provides 1st, 2nd and 3rd level support with an annually consultable cost ceiling and supports the operator in the event of malfunctions at any time of day or night (24 x 7). The applicable support period includes statutory public holidays.

The service period extends from the planned start on 1 January 2023 until the planned termination on 31 December 2032.

Option 3: Development of data exchange between the VL-CH system and the existing SA TM

The specialist application for traffic management (SA TM), which is currently in productive operation, should be able to communicate with the new VL-CH system. The SA TM specialist application enables the Swiss Traffic Management Centre (VMZ-CH), in cooperation with the various cantonal police forces and a traffic information broadcaster, to exchange traffic information in a standardized and efficient way.

Option 4: Further development

1) General further developments:

Hourly rates of remuneration for the roles of project manager, software developer, tester and business analyst for any further developments. The contractor shall draw up one tender for each planned further development, based on the hourly rates in this tender.

2) Hourly rate of remuneration for the cost ceiling for training sessions in the event of changes requested by FEDRO:

For training in new releases requested by FEDRO. For training FEDRO's traffic operators, traffic engineers, control logic experts, system administrators and the helpdesk. Prior to the training, the contractor shall draw up a tender for adaptation of the training documents, user manuals and holding the training sessions in the German and French languages, at the average hourly rate indicated in the price sheet.

Option 5: Connection/integration of TM systems throughout Switzerland

All traffic management systems throughout Switzerland are to be connected to the new VL-CH system in several implementation stages. The connection of each type of TM system must be offered at a fixed price, based on FEDRO's quantity structure. The following TM system types and installations are to be considered:

- tunnel control signalling;
- traffic information system (variable message signs);
- variable message signposts (VMS);
- speed harmonization and hazard warning system (SHHW);
- breakdown lane re-assignment (BLR);
- ramp access management;
- light signalling systems;
- flow metering system;
- ban on overtaking by trucks;
- entry aids;
- speed signals;
- TM actors;
- TM sensors.

Option 6: Replacement/dismantling of the SA VL-CH system

A concept is being developed, with FEDRO's support, to replace or dismantle the VL-CH system once it has reached the end of its life cycle.

Option 7: Operation

The bidder shall ensure that the VL-CH system operates during the entire life cycle and shall make available the infrastructure required to operate the application according to the operating concept that was developed.

The options are weighted according to the probability of their occurrence. This will be shown in the price sheet (specification of requirements 3).

II.2.13. Information about European Union funds

The procurement is related to a project and/or programme financed by European Union funds:
no

II.2.14. Additional information

Section III: Legal, economic, financial and technical information

III.1. Conditions for participation

III.1.2. Economic and financial standing

List and brief description of selection criteria:

Required proof

The following proofs of eligibility/confirmations must be submitted together with the required tender documents (E001), failing which the tender cannot be considered:

For EC01: Confirmation in the tender documents;

For EC02: Confirmation in the tender documents;

For EC03: Confirmation in the tender documents;

For EC04: Confirmation in the tender documents;

For EC05: Confirmation in the tender documents;

For EEC 01: Complete replies to the questions on system requirements;

For EEC 02: The bidder submits a task analysis on a maximum of 3 A4 pages;

For EEC 03: Complete replies to the questions on compliance with the architectural principles;

For EEC 04: Naming the key persons and their deputies and indication of relevant work experience, training and language qualifications.

The bidder confirms that the key persons or their deputies are 80 % available during the dialogue phase.

EEC 05: The bidder shall complete the tender documents in full for at least one reference as proof. A maximum of two references can be entered.

III.1.3. Technical and professional ability

List and brief description of selection criteria:

Eligibility criteria

All economically and technically capable companies which in addition provide the following proof of eligibility are invited to submit a tender.

Eligibility criteria EC

EC 01 Fulfil all mandatory requirements (see tender documents E001)

EC 02 Self-declaration: Compliance with procedural principles and proof of compliance with equal pay for men and women

EC 03 Acceptance of the dialogue conditions and the dialogue agreement

EC 04 Acceptance of the draft contract

EC 05 Acceptance of the general terms and conditions

Evaluated EC (EEC)

For all evaluated eligibility criteria (EEC), a minimum requirement must be met in accordance with the description in specification of requirements 1 (A002). In each case, the properties mentioned or over-fulfilment of the minimum requirement are evaluated. 0-5 points are awarded for each of the eligibility criteria evaluated. All evaluated eligibility criteria are weighted equally. If a criterion is evaluated with 0 points, this eligibility criterion is deemed not to have been fulfilled and leads to elimination from the pre-qualification round.

EEC 01 System requirements

EEC 02 Tasks analysis

EEC 03 Compliance with the architectural principles

EEC 04 Staff resources

EEC 05 Experience and reference to the standard product

The evaluation is always done with marks from 0 to 5:

0 = Cannot be evaluated; no details; poor fulfilment; insufficient or incomplete details; low relevance to the project

1 = Normal, average fulfilment; average quality, meets the requirements of the invitation to tender

3 = Good fulfilment; qualitatively good

5 = Very good fulfilment; qualitatively excellent, a very large contribution to the achievement of the objective

Choice of dialogue partners:

Qualification and selection as one of the max. of 3 dialogue partners are subject to the following conditions:

— all ECs must be fulfilled;

— the bidder must be among the three highest-rated qualified bidders in the points-based ranking.

Bidders who are not selected as dialogue partners are not qualified and are eliminated from the further procedure.

Section IV: Procedure

IV.1. Description

IV.1.1. Type of procedure

Restricted procedure

IV.1.3. Information about a framework agreement or a dynamic purchasing system

IV.1.8. Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: yes

IV.2. Administrative information

IV.2.2. Time limit for receipt of tenders or requests to participate

Date: 08/02/2021 Local time: 12:00

IV.2.3. Estimated date of dispatch of invitations to tender or to participate to selected candidates

IV.2.4. Languages in which tenders or requests to participate may be submitted

German

IV.2.6. Minimum time frame during which the tenderer must maintain the tender

Duration in months: 6 (from the date stated for receipt of tender)

Section VI: Complementary information

VI.1. Information about recurrence

This is a recurrent procurement: no

VI.3. Additional information

Partial offers are not permitted.

Conditions for countries not party to the WTO agreement: none.

Terms of business: according to the planned contractual document.

Negotiations: they are subject to reservation. No reverse auction rounds or price negotiations will be conducted. In the course of re-negotiations held after receipt of the final tender, adjustments to the tender or changes in the services may result in a corresponding price change.

Basic procedural principles: the client only awards public commissions for services in Switzerland to tenderers who comply with job security regulations and the conditions of work for employees, and provide equal payment for men and women.

Additional information: Other details

- 1) The contract will be awarded subject to the project being ready for procurement and to availability of the loans;
- 2) The preparation of the tenders will not be remunerated. The tender documents will not be returned;
- 3) Exclusion, previous involvement: AWK Group AG, e3 AG and Amstein Walthert Progress AG are excluded from participating in the present procedure;
- 4) The selective procedure with dialogue will be conducted in accordance with the rules set out in the specification of requirements (A002) section 3 and with the dialogue agreement (A005);
- 5) Remuneration for the prototype and the dialogues. Provided that the conditions set out in the specification of requirements (A002) section 3.3 and in the dialogue agreement (A005) are met, the dialogue partner will receive compensation of CHF 60,000 (incl. VAT) against invoicing.

Procedures for appeal: Pursuant to Art. 30 of the Federal Act on Public Procurement, an appeal against this publication may be filed within 20 days since notification in writing in an official language of Switzerland to the Federal Administrative Court, Postfach, 9023 St. Gallen. The appeal petition must be submitted in duplicate and must contain the application, the grounds of appeal with details of the evidence and the signature of the appellant or his agent; a copy of the present publication and documents cited as evidence must be attached, provided they are in the appellant's possession.

Deadline/remarks: closing date for submitting tenders date: 8 February 2021 time: Specific deadlines and formal requirements: 2 copies of the tender (tender dossier) must be submitted in hard-copy form and 1 in electronic form (USB stick).

Submission by post: 1st class (priority) post (date as per postmark of a Swiss or government-recognized foreign post office; frankings by a company franking machine are not valid as postmarks). The bidder or bidders must in any case ensure that proof can be provided that the tender was submitted in time. Tenders received after the time-limit will not be taken into consideration. In addition to the project designation, the envelope must be clearly marked with the words 'Do not open – tender documents'.

Delivery in person: delivery must be effected by no later than the above-mentioned delivery date and during the opening hours of the FEDRO porter's lodge (8.00-12.00 and 13.00-17.00) in exchange for a confirmation of receipt (for the address, see section 1.2). Delivery in person to a Swiss diplomatic or consular representation: Foreign bidders may submit their tender to a Swiss diplomatic or consular representation in their country by no later than the above-mentioned delivery date, during its opening hours and in exchange for a confirmation of receipt. In this case, the bidders are obliged to send the confirmation of receipt by e-mail to the procurement service by no later than the delivery date. Tenders sent by e-mail or fax will not be taken into account!.

Remarks (Desired deadline for questions in written form) Questions are to be submitted in German on the 'Forum' at www.simap.ch. They will be answered in general terms by 18 January 2021 for all recipients of the tender documents at www.simap.ch in the 'Forum'. Questions received after 4 January 2021 will no longer be answered.

National reference publication: Simap of 2 December 2020, doc. 1166341 Desired deadline for questions in written form: 4 January 2021.

Documents for participation in pre-qualification are available as from 2 December 2020 until 8 February 2021.

Costs: 0.00CHF

VI.4. Procedures for review

VI.4.1. Review body

Official name: Bundesverwaltungsgericht

Postal address: Postfach

Town: St Gallen

Postal code: 9023

Country: Switzerland

VI.5. Date of dispatch of this notice

02/12/2020