



Operativni program
**KONKURENTNOST
I KOHEZIJA**



Europska unija
Zajedno do fondova EU



**EUROPSKI STRUKTURNI
I INVESTICIJSKI FONDOVI**

Projekt je sufinancirala Europska unija iz Europskog fonda za regionalni razvoj

PROCUREMENT DOCUMENTATION

INVITATION TO TENDER

FOR PROCUREMENT SUBJECT:

**SOFTWARE SOLUTION PROGRAMMING SERVICES AND SUPPLY AND
CONFIGURATION OF HARDWARE COMPONENTS OF THE "ECO AUTOMAT"
SYSTEM**

Procurement number: 3/2020

Zagreb, 26.10.2020.

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1. GENERAL INFORMATION

1.1. INFORMATION ABOUT CONTRACTING AUTHORITY

Contracting Authority:	Ecological Solutions j.d.o.o.
Address:	Pavlinska ulica 5, 42000 Varaždin
OIB / Identification / Registration number:	05455827674
Phone number:	072303334
E-mail:	kokoruda@etwo.sk
Authorized person:	Marián KokoruďA

1.2. CONTACT PERSON INFORMATION

Contact person: Marián Kokoruďa

E-mail: ecological.solutions.jdoo@gmail.com

All the interested economic operators are welcome to request additional information about the tender documentation **exclusively** by placing queries on e-mail: project@ecological-solutions.hr, not later than 3 days before the deadline to submit an offer. All answers shall be published on www.strukturnifondovi.hr

Communication and all the other exchange of information among public procurer and the bidders will be conducted **exclusively** in writing.

1.3. TYPE OF PROCUREMENT PROCEDURE AND TYPE OF CONTRACT

Procurement procedure is a procedure with the obligatory publication of the Invitation to tender according to Annex 3. of the Common National Rule 5, version 5.0.: PROCUREMENT PROCEDURES FOR BUSINESS ENTITIES WHO ARE NOT SUBJECT TO THE PUBLIC PROCUREMENT ACT. Type of contract is service contract.

1.4. PREVENTING CONFLICTS OF INTEREST

The Contracting Authority may not procure works, goods and services from economic operators in respect of which there is one of the following situations:

1. if the representative of the Client simultaneously performs management tasks in the related entity, or
2. if the representative of the Client is the owner of a business share, shares or other rights on the basis of which he participates in the management or capital of that related entity with more than 0.5%.
3. from blood relatives in the direct line or collateral line up to the fourth degree, in-law relatives up to the second degree, spouse or common-law partner, adoptive parents and adoptive parents, founders, owners and related and partner companies and persons.

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Exceptionally, there is no conflict of interest if the related person representing NOJN acquires business shares, stocks or other rights on the basis of which it participates in the management or capital of the related entity with more than 0.5% in the period of at least two years before appointment or entry to the duty of a representative of the NOJN with which she is associated.

When determining the existence of a conflict of interest, the provisions of the applicable Public Procurement Act governing this issue shall apply accordingly.

The contracting authority has a conflict of interest with the following economic operators:

Economic operator, address, OIB/ Identification / Registration number	
1.	4 Diamonds s.r.o., Obchodná 2, 811 06 Bratislava-Staré Mesto, Tax. Number 2023042252
2.	eTwo s.r.o., Obchodná 2 811 06 Bratislava-Staré Mesto, Tax Number 2022997240
3.	Nemoch s.r.o., Lietavská 3 851 06 Bratislava, Tax Number 2023297419
4.	Green Sepa Printing s. r. o., Obchodná 2 811 06 Bratislava-Staré Mesto, Tax Number 2023371218

2. PUBLIC PROCUREMENT SUBJECT

2.1. SUBJECT MATTER

Public procurement subject matter is split into lots:

1. **„EKO AUTOMAT“ software, 1 piece - software solution programming services**
2. **„EKO AUTOMAT“ hardware, 1 set - supply and configuration of hardware components of the "ECO AUTOMAT" system**

Tenders may be submitted for both lots and for only one lot.

Detailed technical specification of subject matter lots is defined in technical specification (point 2.3.)

2.2. ESTIMATED PROCUREMENT SUBJECT VALUE

Estimated procurement subject value is:

- for LOT no. 1: 938.653,00 HRK
- for LOT no. 2: 196.347,00 HRK



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2.3. TECHNICAL SPECIFICATIONS

„EKO AUTOMAT“ software, 1 peace

Section		Parameters & specification
Software	Backend - Main database	Inventory of mobile devices, maintained manually or through an import from a csv/xls file, up to 1000 entries
		Each product card includes - HW configuration of the device including BOM (Bill of materials) and spare parts number - Up to 20 fields/data points about each device (eg. Product launch date) - Operating system version supplied by manufacturer in the time of product launch, API to manufacturers site for updates
		Price at the product launch date, in multiple currencies, connected with 2 currency solutions
		Actual inventory of mobile phones in system - per automat, in transit, on stock, in dismantle/sales
		Inventory management module
	Backend - categorization	Automatic categorization of spare parts, mobile devices for sale, for dismantle, automatic feed to web interfaces, API, e-shop internal and external ones
		Inventory reporting by all fields, device type, automat location, customer, automated, pre-built formats, up to 25 reports
	Backend - price calculation	Algorithm calculating purchase price of mobile phone embedding data from database on purchase price, selling quantities and price rto refurbish channel, spare parts demand and price and a minimum of 3 external inputs through API
		Total time of transaction (transaction = enquiry/request received from terminal application to information receipt by terminal application) <3seconds
	Terminal application - communication	Two-way communication using a touch display in Croatian and English language
		Automated shelf/door controls, blocking of access to the testing area during test procedure



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		3 basic services/processes - 1. Testing of HW for purchase service 2. testing of HW and SW for pricing service 3. Reinstallation of operating system of the mobile device
		HW test of the mobile device - test of each main and active segment of the device (process board and processors, display, digitalizer, memory, camera, battery, touch buttons)
		Visual scan of the HW, comparison to base data - weight, thickness, scratches, damages
		Display- dead pixels scan, visual scan, setting damage value of screen
		SIM card presence scan and external memory card scan
		device weight scan
	web page	Static presentation of the project, language: Croatian, English, Hungarian, Serbian
		E-shop module for refurbished devices, spare parts, B2C module and B2B zone with API functionality
		E/shop module for card payments
		Map of deployed EKO automats
	Android application	E-shop module for refurbished devices, spare parts, B2C module
		Map of available automats
		Service - Pricing of mobile devices
		Service - offer to sale to ECO solutions
		Service - technical validation and certificate
		Service - certified data wipe (beyond manufacturers default wipe)

„EKO AUTOMAT“ hardware, 1 set

Section		Parameters & specification
Hardware	Notebook (2 pcs)	Processor Min. 4 of Cores, Processor Base Frequency min. 1.70 GHz
		Min. LED 1920x1080
		min 14"
		Min. RAM 16GB
		Min. SSD 1TB
		Wi-Fi 802.11ac, Bluetooth 4.1, 4G LTE, USB 3.1 Gen 1



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Croatian ID card reader	Card reader module for Croatian ID cards and Croatian residency cards, must be able to read id card through swipe of magnetic stripe, transfer to terminal application
Set of Mobile phones (15 psc)	15 different mobile phones of at least 5 different manufacturers - operating system Android - Models from single manufacturer must be of at least three different screen sizes and three different product groups – high end (RRP 600Eur +), bestseller (RRP 250 – 600 Eur), low-range (lower than 250), and only one model can be low-range - Phones must be in new condition, not used
3D scanner	Laser triangulation stationary 360 degrees scanning color: min. 32 Bit Interface type: SCSI Optical resolution: min. 1.30M pixels scanning speed: max 5S Scale of scanned object: 200mm~300mm
Uninterruptable Power Supply (UPS)	True output min 2.7 kW IEC 320 C13 minimum 6, IEC 320 C19 2 Communication interface RS-232
Processing unit	Processor Min. 4 of Cores, Processor Base Frequency min. 1.70 GHz min 500MB SSD min. 5x USB 4G/LTE modem SCSI interface 24/7 runtime ready
Chasis of terminal - incl PSU, storage, cabling, cooling	approximate size 1800x600x800 (h/d/w) +/- 100mm antivandal setup EN 62262 preinstallation of A: electronic alarm system, B: UPS ventilation and cooling 500BThU source 230V base material steel, min.3mm Automatic sliding doors, glass, blocked by automatic electric lock



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		print modul for color printer, max paper size a4, paper tray with min 500 papers capacity
		Testing platform and holder with weighting functionality, max 5g
		accepted difference, connection hub to all connectors - Micro USB, Mini USB, USB-C, all iPhone connectors, using fixed hub, no cable
		Mechanical module to store removed devices
		3 separate compartments A: Scanning unit, B: Payment terminal, C: Device storage
	Electronic alarm system	Magnetic door opening
		Camera with antivandal level EN62262
		GSM module
		Alarm – sirene
		Dual power supply functionality (UPS)
		Loss of power supply notification system – SMS and email
	Card Payment module	VISA, EC/MC, Maestro cards accepted
		contact less payment
		printing of confirmation slip
		tax receipt print
		antivandal level EN 62262 'or equivalent'
		Crediting function to card
	Industry touch display	TFT, color, min 7", backlight
		IP65
		ethernet/RJ45 port
		preprogrammed touch buttons

Note: selected tender should fully meet all the minimal requirements defined in technical specifications. Tenderers can offer a product that also meets higher standards.

3. THE AWARD CRITERIA

The award criteria are **best price-quality ratio**.

Tenders received in timely manner will be evaluated based on points, based on price and non-price range of criteria whose maximum points are as follows:

Criteria	Maximum points
Price (P)	50 points

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Certified partner status (CPS)	30 points
Maximum points	80 points

Total points of each tender will be calculated by addition assigned points for every criterion:

$$TP = P + CPS$$

TP = total points

P = points assigned for price

CPS = points assigned for certified partner status

PRICE (P)

Maximal points that can be assigned for this criterion are 50 points.

The tender with the lowest price will be assigned maximal points.

Points for this criterion will be calculate this way:

$$P = P_{\min}/P_x * 50$$

P = assigned points for the tender

Px = price of the evaluated tender,

Pmin = price of the tender with the lowest price

50 = maximal points

CERTIFIED PARTNER STATUS (CPS)¹

Maximal points that can be assigned for this criterion are 30 points.

For LOT 1, the economic operator that can prove to **have certified partner status of database systems manufacturer** will be assigned 30 points. The prove that should be delivered is a certificate or equivalent document.

For LOT 2, the economic operator that can prove to **have certified partner status of hardware manufacturer** will be assigned 30 points. The prove that should be delivered is a certificate or equivalent document.

¹ Certified Partner status means that company has demonstrated skill and expertise and met requirements set by the manufacturer and therefore the manufacturer has granted partner status

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4. TENDER INFORMATION

4.1. TENDER CONTENTS

Tenderer is instructed to abide to requests and conditions from Tender documentation and not to change or supplement text of tender documentation. Tender should be drafted on the template (Annex 2) and consist all the predefined annexes which prove that the tender meets the requirements of the procurement documentation. All costs related to drafting of tender are born by Tenderers. Tender and all the following documentation should be drafted on English and in Latin script.

Alternative tenders are not acceptable.

Tender must include:

1. Filled and stamped verified Statement of Tenderer – (ANNEX 1),
2. Filled and stamped verified tender template (ANNEX 2),
3. Additional documentation to prove the ability of the tenderer's capacities and award criteria
4. Tender guarantee

4.2. TENDER SUBMISSION

Tender should be prepared and submitted in a **digital form** except of tender guarantee if economic operator is delivering blank promissory note as prescribed in point 10.1, which should be delivered as **original document** in a sealed envelope on the address: **Pavlinska ulica 5, 42000 Varaždin**, with a note: Procurement procedure number 03/2020, tender guarantee.

A total documentation of the tender, including additional documentation prescribed by procurement documentation, should be delivered as a **scan of originals, certified or uncertified copies**, except of tender guarantee if economic operator is delivering blank promissory note as prescribed in point 10.1.

In case of doubt the veracity of the data stated in the documents that the Tenderers are obliged to provide as evidence that there are no reasons for exclusion, Contracting Authority may order to verify the veracity of the data, request the Tenderer submitting the original or certified copies of documents or contact the issuer or the competent authority for issuing the disputed document in order to establish the truthfulness of the data.

Tender should be submitted electronically as one single PDF document on e-mail address:
project@ecological-solutions.hr

For all the timely submitted tenders, Contracting Authority will issue an electronic acknowledgment of receipt.

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4.3. THE DEADLINE FOR SUBMISSION OF THE TENDER

The deadline for the submission of the tender is **10 calendar days** from the day of the official announcement of the Procurement procedure at the official procurement web site: www.strukturnifondovi.hr, **16th November 2020**. All the tenders which are not submitted timely will not be taken into evaluation procedure.

4.4. DETERMINING TENDER PRICES

Tender price must be stated in HRK or EUR (for the foreign tenderer). If the tender price is expressed in EUR, tender price will be converted into HRK according to the average exchange rate of Croatian National Bank (HNB <http://www.hnb.hr>).

Tender price without VAT should include all costs and discounts.

Tender price is unchanged for the duration of the procurement contract.

The price of the offer is written in numbers.

4.5. TENDER VALIDITY PERIOD

The expiry date of the tender is no less than 30 days from the date set as the deadline for submission of tenders. At the request of the Contracting Authority, the Tenderers may extend the period of validity of their tenders.

5. PROCUREMENT CONTRACT CONDITIONS

5.1. DEADLINE AND PLACE OF PROCUREMENT SUBJECT EXECUTION

The deadline of the procurement subject execution is **31st March 2021**.

The Tenderer will perform service in his area as well as in space of Contracting Authority, according to the phases of execution services.

5.2. METHOD AND CONDITIONS OF PAYMENT

The Contract Authority will pay the agreed price for the procurement subject to the Tenderer within 30 (thirty) days from the date of receipt of the invoice for the performed service.

5.3. MODIFICATION OF CONTRACTS DURING THEIR TERM

1. Contracts may be modified without a new procurement procedure in any of the following cases:

(a) where the modifications, irrespective of their monetary value, have been provided for in the initial procurement documents in clear, precise and unequivocal review clauses, which may include price revision clauses, or options. Such clauses shall state the scope and nature of possible modifications or options as well as the conditions under which they may be used. They shall not provide for modifications or options that would alter the overall nature of the contract or the framework agreement;

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(b) for additional works, services or supplies by the original contractor that have become necessary and that were not included in the initial procurement where a change of contractor:

(i) cannot be made for economic or technical reasons such as requirements of interchangeability or interoperability with existing equipment, services or installations procured under the initial procurement; and

(ii) would cause significant inconvenience or substantial duplication of costs for the contracting authority.

However, any increase in price shall not exceed 50 % of the value of the original contract. Where several successive modifications are made, that limitation shall apply to the value of each modification. Such consecutive modifications shall not be aimed at circumventing the Annex 3. of the Common National Rule 5, version 5.0.: PROCUREMENT PROCEDURES FOR BUSINESS ENTITIES WHO ARE NOT SUBJECT TO THE PUBLIC PROCUREMENT ACT;

(c) where all of the following conditions are fulfilled:

(i) the need for modification has been brought about by circumstances which a diligent contracting authority could not foresee;

(ii) the modification does not alter the overall nature of the contract;

(iii) any increase in price is not higher than 50 % of the value of the original contract or framework agreement.

Where several successive modifications are made, that limitation shall apply to the value of each modification. Such consecutive modifications shall not be aimed at circumventing the Annex 3. of the Common National Rule 5, version 5.0.: PROCUREMENT PROCEDURES FOR BUSINESS ENTITIES WHO ARE NOT SUBJECT TO THE PUBLIC PROCUREMENT ACT;

(d) where the modifications, irrespective of their value, are not substantial within the following meaning:

A modification shall be substantial where one or more of the following conditions is met:

(a) the modification introduces conditions which, had they been part of the initial procurement procedure, would have allowed for the admission of other candidates than those initially selected or for the acceptance of a tender other than that originally accepted or would have attracted additional participants in the procurement procedure;

(b) the modification changes the economic balance of the contract or the framework agreement in favour of the contractor in a manner which was not provided for in the initial contract or framework agreement;

(c) the modification extends the scope of the contract or framework agreement considerably;

2. Furthermore, and without any need to verify whether the conditions set out under points (a) to (c) – substantial modification, are met, contracts may equally be modified without a new

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procurement procedure being necessary where the value of the modification is below both of the following values:

- (i) 200.000,00 HRK; and
- (ii) 10 % of the initial contract value for service and supply contracts and below 15 % of the initial contract value for works contracts.

However, the modification may not alter the overall nature of the contract or framework agreement. Where several successive modifications are made, the value shall be assessed on the basis of the net cumulative value of the successive modifications.

6. EXCLUSION GROUNDS

Contracting authority shall exclude an economic operator from participation in a procurement procedure where they have established that that economic operator has been the subject of a conviction by final judgment for one of the following reasons:

- participation in a criminal organisation
- corruption
- fraud
- terrorist offences or offences linked to terrorist activities
- money laundering or terrorist financing
- child labour and other forms of trafficking in human beings

An economic operator shall be excluded from participation in a procurement procedure where the contracting authority is aware that the economic operator is in breach of its obligations relating to the payment of taxes or social security contributions and where this has been established by a judicial or administrative decision having final and binding effect in accordance with the legal provisions of the country in which it is established or with those of the Member State of the contracting authority.

As a prove that economic operator is not in any of the situations defined as exclusion grounds, all the tenderers should fill, and stamp verify Statement of Tenderer – (ANNEX 1).

7. SELECTION CRITERIA

7.1. Assess technical and professional ability

Interested economic operators must prove the experience of the contractor to carry out the contract to an appropriate quality standard. To prove this criterion economic operator should deliver list of the delivered/completed projects - list of main services provided, which list should have at least **one delivered project** in a total revenue of 400.000,00 HRK for LOT 1 with SW delivery and SW services delivery scope and at least one major delivery of goods in a total revenue of 100.000,00 HRK for LOT 2 with HW delivery scope in last 3 years (if the revenue is expressed in other currency, the amount

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will be converted into HRK according to the average exchange rate of Croatian National Bank (HNB <http://www.hnb.hr>).

8. GROUPS OF TENDERERS (CONSORTIA)

Several business entities may join and submit a joint tender, regardless of the legal form of a joint organization. The tenderer that submitted its tender independently in this procurement procedure shall not simultaneously participate in group of tenderers that in this proceeding submitted a joint bid. In a joint tender, it must be precisely specified what part of the contract (subject, quantity, value and percentage portion) will be executed by individual member of a consortium, and what member of consortium is authorized to communicate with the Customer and what member is authorized to sign a joint bid.

The Contracting Authority directly pays each member of a consortium for the part of the contract which it executed on the basis of invoices submitted directly to the Contracting Authority. The responsibility of the Tenderer from the consortium is joint. If tender of a consortium is selected in this procurement procedure, the Contracting Authority may require specific legal form from the consortium to the extent necessary for the satisfactory performance of the contract after selection. The act must be certified by the stamp and signature of all the members of a consortium.

9. SUBCONTRACTORS

Tenderer that intend to subcontract a part of the procurement Contract to one or more subcontractors shall specify in their tender the following:

- name or company name, registration seat, VAT number, account number of the subcontractor and
- the subject subcontracted, quantity/amount, subcontracted value and percentage share of procurement subcontracted

If the Tenderer lack to provide all information required under this article for the part of the Contract he intends to subcontract, it shall be determined that Tenderer will perform the Contract itself.

Subcontracting does not affect the responsibility of the Tenderer for execution of Contract

10. GUARANTEES

10.1. Tender guarantee

The tenderers are obliged to deliver tender guarantee in total amount of **3% of an estimated value of the procurement LOT tender is being submitted**.

Tender guarantee should be delivered in a form of **a blank promissory note certified by a notary** or equivalent, or **in form of a deposit** payed on Contracting Authority bank account:

HR5424020061100909189 in Erste & Steiermarkische bank d.d.



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11. EXAMINATION AND EVALUATION OF TENDERS

If data or documentation that should be submitted by Tenderer is incomplete or incorrect, or if certain documents are missing, during the examination the Contracting Authority may require the Tenderers to submit, amend, clarify or supplement the required information or documentation within a reasonable time which shall not be shorter than 5 calendar days; such requests must comply with the principles of equal treatment and transparency. During the clarifying or completing Tenderer cannot make any tender changes.