

REQUEST FOR PROPOSAL: No. RFP# TURANSUP/RFP/022/2020
PROVISION OF ANKARA DECISION CENTER ADDITIONAL BUILDING CONSTRUCTION WORKS
Bidders' Reply to Queries

- 1) If the request is approval of;
- a) Sworn-In Certified Public Accountants (Yeminli Mali Müşavir - YMM) requested or
 - b) Only Certified Public Accountants (Serbest Mali Müşavir - SMMM) is acceptable for certification.

Answer 1: Please provide your last three years financial reports certified by chartered accountant/ Sworn-in certified Public Accountants

- 2) It's mentioned that preferable we should add "Last Audit Report" of our company, does that mean that "last intervals (3rd Quarter of year 2020) provisional tax return report of Company?"

Answer 2: Please provide your last audit reports for 2019 if applicable to your company.

- 3) Which camera brands are approved by ONVIF?

Answer 3: More than 300 companies produce according to these standards and many such products are available in the market. This specification is aimed that cameras of different brands and models work in harmony.

- 4) Item-13 Concrete is requested C20 or C25?

Answer 4: Requested concrete shall be C25.

- 5) The tender includes provision of steel construction as well its concrete foundations and its fittings. However, although BoQ includes the quantity for steel construction, there is no quantity for the steel to be used in concrete foundation. Grateful if you can explain it.

Answer 5: Iron metric and steel metric are calculated together. The quantity written on the steel sheets shows workshop construction and the part quantity together. Therefore, the total must be divided to half. In the project, the steel quantity will be: 10,474 kg, the basic iron quantity will be 7,830 kg. There is a miss calculation of the 'All kinds of Steel Structures Works' and the quantity of the works should be read as 18.500 kg in total instead of 25.030 kg.

- 6) Do have any x-ray device technical data sheets? If you have please sent us.

Answer 6: X-Ray device technical specification was not provided in the Annex-A. While preparing the proposal please take the below given specifications for the X-Ray machine.

TECHNICAL SPECIFICATION OF X-RAY BAGGAGE CONTROLLER

A. PURPOSE AND SCOPE:

This specification, in order to control the closed packages and bags entering through the building door and to view the objects inside; Organic (plastic explosives, etc.) and inorganic (all kinds of cutting, piercing tools, firearms, etc.) materials, which are suitable for continuous operation, have maximum accuracy and reliability, are manufactured according to the latest technology in international standards, by pressing the relevant button from the control panel. It covers the supply, installation, assembly and warranties of x-ray baggage control devices that will not cause health problems for the operators, controllers and those who are inspected by working at full performance under normal operating conditions that can be displayed separately with their codes.

This Technical Specification determines the minimum required technical specifications of the systems. Since technology develops rapidly in this regard, there are no limitations for some items in the specifications, and standard values that will provide the necessary functions are determined. Therefore, bidding companies can give higher quality bids.

B. STANDARDS

- i. The manufacturer of the proposed devices will have ISO 9001 certification.
- ii. Devices that are not manufactured to international standards cannot be offered.
- iii. Proposed devices will have CE certificate.
- iv. The device will be protected in a way that does not cause interference with other broadcast and control devices in accordance with the relevant standards. In addition, the device itself will not be affected by any radio frequency and power supply harmonics.
- v. The device will comply with European (Turkish) standards for mains supply voltage and frequency, and for plugs and sockets.
- vi. All kinds of cables and connectors will be manufactured in accordance with international standards; These standards will also be complied with in color, markings and symbols.

C. GENERAL TERMS

- i. The devices will be manufactured according to the latest technological innovations and the materials will be of unused new types.
- ii. The operation of the devices should be able to be carried out by even the most novice technician and the operating technician's errors should be minimized.
- iii. The use for the devices, suitability for the intended purpose, durability and other qualities will always be ensured. All devices and materials will be properly protected against all kinds of rusting, mold, dust, shock and vibration. Strength and physical durability are important, especially screw sockets, bearings, buttons etc., which can be removed and installed frequently. It should not be deformed or worn over time. In addition, any plug-in module and socket should fit into the socket.
- iv. A label to be found on the proposed device will include the device's model, place of manufacture, year and serial number.
- v. Devices should be able to operate normally in an environment of 0 to 40°C and 90% relative humidity.

D. TECHNICAL SPECIFICATIONS OF X-RAY BAGGAGE CONTROLLER:

- i. On the devices to be offered, visitor luggage will be displayed clearly and in detail on the monitor without opening them. While the checked baggage is displayed on the one hand, it should be stored in the memory of the device on the other hand and should not be deleted by the subsequent baggage, and at least the last 20-30 images should be displayed by the operator with a button (without entering any menu). When the image is to be viewed in more detail, the screen should be divided into regions and the desired region should be selected and enlarged with continuous zoom. The device should be able to perform this function in real-time, that is, the image should be enlarged without stopping the tape.
- ii. In order to facilitate the identification of suspicious objects, suspicious organic and inorganic threat images should be framed in real-time by the device, the device should give an audible warning while framing the images.
- iii. The current and power that the device will draw from the network will be reported.
- iv. When the device is turned on, it will have a self-test feature.
- v. On the offered devices; In order to facilitate the detection and identification of luggage and objects subject to inspection, it will be possible to display inorganic or organic substances separately on the monitor. However, this display will be real-

time. In other words, the operator should be able to use these features without obstructing the natural flow of control and visitor traffic, without stopping the conveyor belt. When using these features, systems with flickering in the image displayed on the screen and systems using this feature will not be accepted.

- vi. Devices should display organic materials in orange color, inorganic materials in blue and mixed materials in green in organic and inorganic material separations.
- vii. Proposed devices must have the feature of AUTOMATICALLY DETERMINING ORGANIC AND INORGANIC DENSITY.
- viii. Movement of the device will be provided by special wheels, the device will be fixed when desired.
- ix. X-Ray Generator operating voltage must be at least 140 kV.
- x. Radiation leakage should be a maximum of 0.5 mrem / h at a distance of 5 cm from the cabin surface.
- xi. Resolution must be minimum 36 AWG.
- xii. Penetration (steel sheet processing thickness) will be at least 30 mm. It will have penetration and detail enhancement features and this feature should be real time. In other words, the image given by the device while the conveyor belt is operating should be able to penetrate this thickness.
- xiii. Devices will have 1 monitor with at least 17 "color.
- xiv. If the tape is stopped while the image is displayed on the screen and if it is continued to work in the same direction again, there will be no cutting, elongation or image loss in the image.
- xv. At the press of a button on the device, high-density objects can be left on the screen and thin and non-dense objects should be deleted.
- xvi. Devices will have at least 32XZOOM. Without stopping the conveyor belt from the control panel, if desired, the image can be enlarged with a single button.
- xvii. The feature of providing high penetration from the control panel in the devices can be selected as real time without stopping the conveyor belt with a single button.
- xviii. Tunnel dimensions of the devices will be at least 30 cm (Height), 50 cm (Width).
- xix. Conveyor speed will be at least 0.2 m / sec.
- xx. The device should be able to save at least 50,000 images and when its memory is full, it should be able to delete and save new images starting from the first image it has recorded. Only images in the desired date and time interval can be displayed on the device.
- xxi. Conveyor belt at least 150 kg. will have the carrying capacity. In order to prevent the luggage and packages to be placed in the device from falling out after leaving the device tunnel, at least 50 cm. long carrying stands will be available.
- xxii. When the automatic explosive detection feature gives an alarm, the alarm should be as follows: The suspect section should be framed, and an audible alarm should be given.
- xxiii. 4.24. The operating system of the device will be Windows based.
- xxiv. Setup menus should be protected with passwords in order to prevent unauthorized intervention to the setup values of the device.
- xxv. The device should continuously record online and the recordings should be selected within the date and time range and can be viewed when desired.
- xxvi. There should be prominent keys on the keyboard of the device that are easy to access, and these keys should have the feature of assigning to a single key by combining more than one feature from the image interpretation functions of the device, thus providing ease of use to the operator.

- xxvii. When the memory is full in the automatic recording feature of the devices, the first recorded image should be deleted and a new one should be saved.
- xxviii. The images recorded by the device should be able to be saved in jpeg format to USB flash memory when desired.
- xxix. For the ease of use of the operators, the offered devices should have a Turkish usage menu.
- xxx. If any object (mobile phone, etc.) placed on the band of the device is below the height of the sensors in the entrance area, the sensors will not detect this object, so x-ray will not be opened, and images will not be taken. In such a case, when the operator holds the forward button for a long time, the x-ray should be turned on automatically without being connected to the sensor, and the x-ray should be turned off when the operator stops pressing the button after the image is taken. This feature will be a software feature that provides convenience to the operator in order to be able to inspect objects with low height, and will not disable the sensors in any way or need to perform an extra menu operation in order to provide this feature.

E. INSTALLATION

The firm will install the device where the administration wants and deliver it in working condition. The assembly fee will be included in the price of the device.

F. WARRANTY

- i. Bidding companies will guarantee the devices they offer against all kinds of designs, faulty materials and bad workmanship.
 - ii. Within a period of 24 (twenty-four) months from the acceptance of the devices; All kinds of defective, damaged and non-working circuit elements will be replaced free of charge.
 - iii. All other processing costs such as insurance and transportation of the parts or elements replaced during the warranty period will be borne by the company.
 - iv. Bidding companies are obliged to supply all kinds of spare parts of the devices they offer for 10 (years) after the end of the warranty period.
- 7) As the construction area is far and difficult to reach from the roads, is it possible to use adjacent buildings garden during the materials handling?

Answer 7: No. Adjacent buildings territories cannot be considered as a transport or storage area.

- 8) Is there any electrical power enhancement works in the tender?

Answer 8: No. There is no electrical power enhancement works in the tender.

- 9) There is a conflict in the elevator's technical specification in Annex-A. The specifications is different than requested closed type vertical disabled platform elevator. Shall we consider the specifications or the request during the bidding?

Answer 9: Please consider below specifications for the requested elevator. with the closed type vertical disabled platform elevator.

CLOSED TYPE VERTICAL DISABLED PLATFORM ELEVATOR

GENERAL FEATURES (\pm %5):

- Number of Elevators : 1
- Lift Type : Hydraulic Closed type vertical handicapped platform lift
- Capacity : 400 kg
- Platform dimensions : 900x1300 mm
- Outer dimensions : 1475x1440 mm
- Required pit depth : 90 mm
- Input and output direction : 180 degrees (mutual)
- Platform cabinet : Aluminum sigma profile
- Platform base : Aluminum tread Motor: 1.5 kw
- Number of Stops - : 2 Stops
- Engine Room : Within the system
- Drive Type : Hydraulic $\frac{1}{2}$
- Carrier : 2 chains
- Control System : Down-Up Totman principle (movement as long as it is pressed)
- Document : 2006/42 / EC Machinery safety regulation / Annex VIII

A. DRIVE GROUP:

- Machine : Power packt
- Operating voltage : 380 & 220 volt ac
- Power : 1.5 kw Valve: 24 volt dc

B. CABIN:

- Coating type : Aluminum sigma special profile + COMPOSITE
- Cabinet bottom : Aluminum tread
- Model : Smart
- Cabinet dimensions : 900x1300 h = 2000 mm
- Base thickness : 60 + 30 = 90 mm
- Cabinet lighting : 24 volt dc led spot

C. DOOR:

- Coating type : Aluminum sigma special profile
- Model : Smart
- Door dimensions : 900x2000 mm
- Door material : 45x45 mm Aluminum sigma profile

D. CONTROL BOARD:

- Control type : Movement while pressed (totman)
- Safeties: Phase sequence motor protection, stop safety circuit, Door safety circuit, lock safety circuit, Floor stopper circuit, Signaling fuse, Car lighting time relay, 24 volt dc cabinet lighting circuit.

E. BUTTONS

- Cassette type : Horizontal
- Feature : Braille alphabet

F. CONSTURCTION:

- System circumference should be made of 45x135 mm channeled special aluminum sigma profile. All connections should be provided with specially coated apparatuses and welding should not be used. Profile end points should be blinded with special

plastic covers and should not be left uncovered. Tower roof should be inclined, water, snow, etc. on it. should not accommodate. Profiles must be adjustable and can be slid and adapt to all conditions. For portability purposes, at least 4 eyebolts made of 10 mm and its place must be available on the system. The system should contain the engine room inside and it should not occupy any space outside. A door must be left for access to the engine room.

- When the platform reaches the desired height, it will stop by means of roller switches.
- The flow limiting valve (burst pipe valve), which limits the downward speed of the platform, should be located at the oil inlet of the cylinder, and in case the valve exceeds 1.3 times the nominal speed, the platform should be immobilized.
- Oil tank 4 mm. It will be made of sheet and oven painted (outside) or heat resistant (250 ° C) PVC material. The distance between the oil tank and the cylinder is 10 m. Care should be taken not to exceed the Yi.
- Platform cabin will be made of aluminum square profile and its height will be 2000 mm.
- When the floor is reached, the movement must end even if the button is still pressed. The system should work with the principle of motion (totman) if it is pressed.
- Phase protection relay must be present in the control panel.
- Instead of using steel ropes in the system as a carrier, at least 2 chains should be used.
- Platforms will be guaranteed for 2 years by the manufacturer and importer company against material and workmanship defects.
- For landing doors, manufacturing and assembly will be made with a height of 2000 mm and an angle of 900 mm.