



**INVESTMENT GENERAL DIVISION
INVESTMENT & PROCUREMENT DIVISION**

**REQUEST FOR TENDER
FOR THE SUPPLY OF A FIRE TRUCK**

TENDER PROCEDURE SUMMARY

ECONOMIC OPERATOR	THESSALONIKI PORT AUTHORITY SA Main activity: Port services Address: Inside the Port of Thessaloniki PC 54625 Thessaloniki Tel: 2310593121, Fax: 2310510500 Email: secretariat@thpa.gr Website address: http://www.thpa.gr
Bid Closing Date	25/6/ 2021
Deadline for the submission of clarification requests	18/6/2021
Award criterion	Price and quality.
Contact persons for information & clarifications	Name: Giorgos Papageorgiou E-mail: gpapageorgiou@thpa.gr Tel: +2310593305 Name: Sachinidou Anastasia E-mail: asachinidou@thpa.gr Tel: +302310593354

PART A
GENERAL & SPECIAL TERMS

ARTICLE 1 - Description of the Object of the Contract

The object of the tender is the supply of a 4-wheel-drive truck, as described in **Part B** hereof.

ARTICLE 2 - Award criterion

The contract award of the supply is the most economically advantageous bid based on the price and the criteria, as referred to in Article 12 hereof.

ARTICLE 3 - Participation right

3.1 Eligible Tenderers

3.1.1. Participation in the procedure shall be open to natural or legal persons and, in the case of associations of economic operators, to the members thereof whose main professional activity is related to the object of this call.

3.1.2. Participants shall:

- Not be in a state of bankruptcy, liquidation or compulsory receivership.
- Not have been irrevocably convicted (the administrators for the case of limited partnerships or limited liability companies, the Chairman and the CEO for the case of SAs and the natural persons performing management duties in other cases) for:
 - a) participation in a criminal organization, pursuant to article 2(1) of Joint Action No. 98/733/JHA of the Council of the European Union;
 - b) corruption, as it is respectively defined in Article 3 of the Council Act dated 26th May 1997 and in Article 3, paragraph 1 of Joint Action No. 98/742/CFSP of the Council;
 - c) fraud in the sense of article 1 of the Convention on the protection of financial interests of the European Communities,
 - d) money laundering, according to article 1 of the Council Directive 91/308/EEC of 10 June 1991 on the prevention of the use of the financial system for the purpose of money laundering;
 - e) embezzlement (article 375, Criminal Code)
 - f) fraud (article 386-388, Criminal Code)
 - g) extortion (article 385, Criminal Code)
 - h) forgery (article 216-218, Criminal Code)
 - i) perjury (article 224, Criminal Code)
 - j) bribery (article 235-237, Criminal Code)
 - k) bankruptcy fraud (article 398, Criminal Code)

3.2 Quality Selection Criteria– Professional capacity

The participants must have an organized aftersales service with the adequate infrastructure and spare part stock. If a tenderer does not have its own infrastructure for providing aftersales service, he must provide the details of a repair workshop authorized by the manufacturer. Finally, if such authorized repair workshop does not exist in Greece, the participating company for the provision of aftersales service during the warranty period, must sign a cooperation agreement with the company-repair workshop having an experienced and permanent staff dealing with the repair of similar or equivalent fire trucks - special vehicles.

ARTICLE 4 - Bid submission modalities & time

3.1 Submission of bids

Interested parties can submit their bids by email by **25/6/2021** at the latest, to the Procurement & Investment Division of ThPA SA at the email address: gpapageorgiou@thpa.gr with a CC to ptheologou@thpa.gr and asachinidou@thpa.gr . It is clarified that the financial offers will be

sent locked. At the end of their submission date, participants will send the codes to all of the above email addresses.

ARTICLE 5 – Tender extension, amendment, addition or annulment

ThPA SA holds the right to extend the bid submission deadline, cancel the award procedure or decide to repeat it at any stage without any liability, cost or penalty, following a decision of its competent body. THPA SA also reserves the right, in a transparent manner, to amend the terms of the procedure.

ARTICLE 6 – Provision of Clarifications on the Call

Clarification requests are submitted electronically five days at the latest before the expiry of the deadline for submitting bids, as follows: asachinidou@thpa.gr with a copy to the email address: gpapageorgiou@thpa.gr.

Clarification requests submitted in other forms shall not be examined.

The clarifications shall be posted on the ThPA SA website www.thpa.gr.

ARTICLE 7 – Bid content

The contents of the bid folder are defined as follows:

- (a) one e-folder marked "Participation Documents - Technical Bid" and
- (b) one e-folder marked "Financial Bid"

7. 1 – Contents of the "Participation Documents– Technical Bid" folder

In order to participate in the tender, the economic operators must submit the following participation documents:

Participation documents

- A certificate of registration in the relevant chamber (national economic operators) and a corresponding certificate/approval/authorization from the relevant authority of their country of origin (foreign economic operators).
- A solemn statement that the grounds for disqualification defined in paragraph Article 2 do not apply for them and for their legal representatives and that they have no reason to believe that these impairments shall apply during the bid validity period or any of its extensions.
- A solemn statement whereby Candidates declare that they have been apprised on the special terms and requirements of the Tender Object and unreservedly accept the terms of the Call. In case of disagreement, he must explicitly state the points of divergence.
- To prove their lawful incorporation and representation, the corresponding legal establishment and lawful representation documents are submitted (such as articles of incorporation, GEMI certificate, Board of Directors formal establishment in the case of SA, etc., published on the GEMI depending on the legal status of the tenderer). The above documents shall specify the lawful establishment, the person(s) legally binding the company on the date of the tender (legal representative, right of signature, etc.), any third parties authorized to represent the supplier, as well as their term of office.
- A table of clients of the manufacturer of the superstructure for whom fire trucks have been manufactured in the past .
- A table of authorized repair workshops of the vehicle, preferably in the Region of Thessaloniki.
- Information document (Annex 1) on the processing of personal data, within the meaning of Article 13, GDPR 679/2016, signed by the Candidate.

NB.: Bids from factories that have not previously manufactured fire trucks similar to the type of truck procured or that do not cooperate with another experienced

manufacturer of fire trucks, who must responsibly confirm that he assumes full responsibility for the manufacture of the under supply vehicles, shall not be accepted.

Technical Bid

The Technical Bid comprises the following:

- Detailed and clear technical description of the offered fire truck. The technical description will consist of a reference - point by point - to the technical characteristics following the same structure and keeping the same numbering as in Part B of the tender Call.
- A Completed Conformity Form, in accordance with the template (Annex 2) referring to each and every requirement of the Technical Description.
- General plans and diagrams, official documents of technical specifications and any other official technical form documenting the compliance of the fire truck offered with the technical requirements of this Call. The minimum required documents are referred to in Article 20, Part B hereof.
- Description of the training program
- A solemn statement whereby the candidate declares that he undertakes the obligation to provide spare parts of the offered vehicle and the firefighting equipment, as set out in Part B hereof, to the Service.
- A detailed price list of spare parts of the superstructure that will bind the participant for a period of two (2) years, and a list of spare parts expected to be required for a period of five (5) years.
- The following manufacturer certificates in Greek or in English:
 - i. Certificate from the manufacturer of the superstructure certifying that the vehicle tendered meets the identification and classification requirement as defined in EN 1846-1.
 - ii. Certificate from the pump manufacturer that the pump tendered meets the requirements of EN1028-1 and EN1028-2.
 - iii. Certificate from the chassis manufacturer or its official representative in Greece attesting the volume of annual sales of new similar chassis for special vehicles in our country or in the European Union in the last 5 years.
 - iv. Certificate from the fire extinguishing pump manufacturer or its official representative in Greece attesting the volume of annual sales of new pumps in our country or in the European Union in the last 5 years.
- ISO 9001 quality assurance certificates for firefighting vehicle and superstructure manufacturing units.
- Any other element that the interested party deems necessary.

7. 2- Content of the "Financial Bid Folder"

Financial bid

The financial bid will bear the stamp of the participating economic operator and the signature of his legally authorized representative and will indicate:

- The price bid in Euro (VAT excl.) for:
 - A) The fire truck without the requested accompanying equipment.
 - B) The requested accompanying equipment, as set out in Article 19, Part B of the Call.
- The cost for the issue of a registration of the Vehicle
- The delivery time of the Vehicle
- The estimated time required for the issue of the registration of the Vehicle

- The performance guarantee time, which cannot be less than two (2) years from the signature of the Acceptance Protocol.
- The preferred payment method, according to Article 15.3 of this Call.
- The bid validity period, according to Article 8 of this Call.

ARTICLE 8 – Bid validity time

The submitted offers must be valid for **ninety (90) days** from the bid closing date. Bids with a shorter validity period will be rejected **as unacceptable**.

The validity of the bid may be extended, if requested by ThPA SA, prior to its expiry, for a maximum period of time equal to the initial bid validity period specified in the Call.

ARTICLE 9- Counteroffers

Alternative bids, counteroffers or amended offers or any proposals that may be construed as counteroffers shall not be considered and shall be rejected by the THPA SA competent body, after an opinion has been delivered by the Tender Committee.

ARTICLE 10 - Language

The official language of the procedure is Greek and English. All tender documents shall be drawn up either in Greek or English or (of drawn up in the language of their country of origin) they shall be accompanied by an official translation into one of the above languages. Where there is a discrepancy, the prevailing wording is always the Greek.

ARTICLE 11– Bid Evaluation

During the evaluation, ThPA SA may address requests for clarifications to the participating economic operators, who are obliged to provide them within the specified deadlines, as the case may be.

Upon completion of the evaluation, participants shall be notified of whether their bid has been accepted or rejected and the outcome of the tender procedure.

ARTICLE 12– Scoring

Scoring is calculated based on the price and the following criteria.

Criterion	Criterion Score	Weighting Factor
Reliability - Manufacturer’s sales	100-120	20 %
High performance - Technical characteristics according to the Call	100-120	30 %
Cost of maintenance, operation, spare parts	100-120	10 %
Specialization - Technical support capacity	100-120	15 %
Guarantee time	100-120	10 %
Delivery time	100-120	15 %

Scoring each evaluation criterion varies from 100 to 120 points. A criterion will be awarded the score 100, if all the requirements of the Call for Tender are met. When all requirements of the Call for Tender are outweighed, the score awarded will be up to the maximum.

The weighted score for each criterion will derive from the individual weighting coefficient multiplied by its score, while the total score of the technical bid will derive from the sum of the weighted scores of all criteria.

The most advantageous bid is the one with the lowest price bid to score ratio (i.e. the one where L is the lowest number), based on the following formula.

$$L = \frac{\text{Bid Total Price}}{\text{Technical offer final score}}$$

ARTICLE 13 – Price Adjustment

The offered prices shall be considered **fixed and final** and shall not be subject to any adjustments for any cause or reason, until the procurement is completed. For this reason, by participating in this Tender, interested parties explicitly, unreservedly and irrevocably waive all their rights with regard to any adjustment of the offered prices that might arise from other relevant provisions.

ARTICLE 14 – Contract

After the announcement of the tender result, a contract is signed between ThPA SA and the selected economic operator.

ARTICLE 15 – Special Terms of the Procurement

15.1 Performance guarantee

To sign the contract, the Contractor must submit a Performance Bond, the amount of which is defined as 5% on the contract value, not including VAT, delivered before or upon contract signing.

The Guarantee is issued by Greek credit institutions and covers entirely and without exceptions the implementation of all the contract terms and any claim of ThPA SA against the Contractor. The performance Guarantee shall be forfeited in the case where the terms of the contract are violated, as specified therein.

15.2 Performance warranty bond

A Performance Warranty Bond, the amount of which is set at five per cent (5%) on the contract value, not including VAT and expires sixty (60) days after the end of the performance warranty period (Article 21.4- Part B), is submitted after the reception of the fire truck.

In the case where the supplier fails to comply with his contractual obligations, ThPA's competent body shall recommend the forfeiture of the Performance Warranty Bond, in all or in part.

15.3 Financing - Suggested payment method

The procurement is financed from the regular budget of ThPA SA

An amount up to twenty-five per cent (25%) of the total contract value, VAT not included, may be provided as an advance payment upon signing of the contract and against an Advance Payment Bond.

After the signing of the protocol and the successful completion of checks and the prescribed training, the total price (after deduction of the advance) is paid to the Contractor and the advance payment bond is returned. The Contractor's payment is made within sixty (60) days from the date of issue of the invoice.

15.4 Issue of the vehicle registration

ThPA SA reserves the right, in its sole discretion, to award to the Contractor the issue of the vehicle registration. The Contractor shall state in its bid the additional cost and time required for the issue of such documents. The additional fee is paid to the Contractor after the issue of the registration.

15.5 Time of delivery

The time of delivery shall not exceed four months from the signature of the relevant contract. The fire truck and the optional equipment will be delivered at the Contractor's responsibility and expense at ThPA SA accompanied by lists of spare parts and instruction manuals, according to Article 23, Part B hereof.

15.6 Acceptance

The vehicle will be received by a competent committee of ThPA SA employees and fire fighters in the presence of the Contractor, if he wishes so. Upon delivery, the following checks will be performed:

- Visual inspection of the vehicle
- Performance test of the fire extinguishing pump.

15.7 Guarantee

The fire truck and the accompanying equipment will be covered by a guarantee, according to Article 22, of Part B hereof.

15.8 Training

The Contractor undertakes the training of technical staff and drivers, according to Article 25 of Part B hereof.

PART B - TECHNICAL TERMS AND SPECIFICATIONS

INTRODUCTION

1.1. The object of the tender is the supply of one (1) double cab 4 wheeler fire truck with a water tank with 500- 850 lt capacity and the necessary equipment for rapid intervention in case of fire in the Port of Thessaloniki and incidents falling under the competence of the Fire Department.

1.2. The vehicle and all its components shall be new and unused and shall meet, separately and as a whole, both the European and the Greek applicable legislation.

1.3. The manufacturer - supplier of the Fire Truck shall be recognized and will have a long-standing experience and extensive presence on the Greek market.

1.4. The vehicle and all its components such as: Pumps or low and high pressure water pump, sprinklers etc. will be products of production run, of well-known specialized manufacturers with extensive presence in Greece or abroad and the appropriate infrastructure for providing spare parts for at least ten years.

1.5. The vehicle will have autonomous operation thanks to the firefighting unit equipped with a water tank.

IDENTIFICATION

The vehicle tendered is identified and classified as a vehicle belonging to ThPA SA. The vehicle together with its equipment will bear the necessary CE marking.

TECHNICAL REQUIREMENTS

1. GENERAL

The vehicle tendered must run in a reliable manner for a satisfactory period in order to be fit for purpose.

1.1. Chassis

The chassis of the vehicle shall be manufactured by well-known units, which have the ISO 9000 quality assurance certificate, have representatives in our country and able to provide reliable technical assistance and a satisfactory stock of spare parts. The type of chassis tendered shall be fit for purpose, and be able to drive within the Port.

1.2. Firefighting unit - superstructure

The firefighting unit (pump, prefill function etc.) and, generally, the superstructure of the fire truck shall be manufactured by well-known units, which have the ISO 9000 quality assurance certificate, have representatives in our country and able to provide reliable technical assistance and a satisfactory stock of spare parts. The manufacturer of the superstructure should have experience in the manufacture of firefighting vehicles.

2. VEHICLE PERFORMANCE

The performance:

In particular top speed, should be limited to 96 km/h using a speed limiter.

- Top speed
- Acceleration from 0-65 km/h
- Acceleration from 0-100 m

3. VEHICLE DIMENSIONS

The external dimensions of the vehicle must be kept as limited as possible to allow for the flexibility of the vehicle in compliance with the applicable legislation as per EN 1846-2:

- Total length not more than **5300 mm**
- Total width not more than **2200 mm.**
- Total height, as low as possible.
- Turning circle between walls
- Static tilt angle

4. VEHICLE WEIGHTS

4.1. The distribution of loads between the axles of the vehicle makes the rear axle heavier, while the front axle bears at least the load required for the vehicle to maintain its safe driving behavior. The distribution of loads between the axles of the vehicle shall be stated in the bid.

4.2. The maximum gross vehicle mass (ptlm) permitted by the manufacturer shall be greater than or equal to the gross laden mass (glm) ie $PTLM > = GLM$

4.3. The overall axles loading of the vehicle shall comply with the relevant requirements of EN 1846-2

5. ENGINE

Water-cooled, four-stroke diesel engine which at its rated speed shall have the following performance in accordance with the relevant EU regulations:

5.1. Power higher or equal to **130 HP.**

5.2. Torque higher or equal to **340 Nm.**

5.3. Exhaust emission levels shall meet the requirements of the European Union, i.e. EURO 6

6. FUEL TANK

6.1. The fuel tank capacity shall be at least 60lt.

6.2. The position of the fuel tank in the vehicle as well as the fuel hoses, the filler hole that must have a suitable filter, the cap and the marking must be in accordance with the law provisions.

7. EXHAUST SYSTEM

Shall meet the EU security requirements

8. GEARBOX - REDUCTION GEARBOX

8.1. The gearbox should preferably have five (5) or six (6) forward gears and one (1) reverse gear. It shall also have the gear-shift lever on the floor of the driving cab.

8.2. The clutch and the gearbox shall meet adequate safety margins at engine torque performance.

8.3 The drive system must necessarily include a central differential - reduction gearbox of two (2) gears (TRANSFER CASE). It should be checked via a suitable switch from the driver's position.

8.4. The transmission to the wheels of the vehicle shall be done exclusively through intermediate bearings, balanced shafts and gears, excluding the drive transmission through a hydrostatic system (hydraulic pump and hydraulic engine).

9. POWER TAKE-OFF (PTO)

It shall be fitted with a suitable power take-off (PTO) shaft adapted to the vehicle transmission system to drive the fire pump when the vehicle is stationary and moving at speeds up to 8 km/h.

10. STEERING SYSTEM

10.1. The position the steering wheel shall be on the left side of the driving cab.

10.2. Hydraulic steering gear

11. BRAKING SYSTEM

11.1. The braking system shall comply with Directive 71/320/EEC

11.2. It shall operate under compressed air (full air brake).

11.3. The main braking system shall act on all wheels of the vehicle.

11.4. The parking brake shall act at least on the rear wheels of the vehicle.

11.5. The auxiliary braking system shall include an engine brake or other suitable system (electric brake).

11.6. The braking system shall necessarily include a wheel anti-lock braking system (ABS).

12. AXLES

12.1. The vehicle shall have two (2) drive axles with differentials, as well as a central differential (4x4 vehicle with four-wheel drive).

12.2. Each axle, as well as the gearbox, shall be equipped with wheel and axle suspension systems (DIFFERENTIAL LOCK), respectively, which shall be controlled via suitable switches from the driver's position.

13. WHEELS - TIRES

13.1. The vehicle shall carry single wheels on the front axle and twin wheels on the rear axle, suitable for moving the vehicle in and out of the roads (mixed routes - dirt/asphalt). All wheels and tires shall be of the same dimensions. The shape of the frame shall allow the use of anti-skid chains.

13.2. The tires shall be radial, manufactured in the last eighteen months before the delivery of the vehicles, new, not from retreading, obligatorily without air tubes (TUBELESS) and comply with the ERTRO regulations.

13.3. There shall be one (1) complete spare wheel, similar to the rest of the vehicle, on a suitable support base on the vehicle. There shall be a device that allows it to be removed or repositioned by one person. The position of the spare wheel shall not affect the dimensions

and performance requirements of the vehicle. In case of external installation, it shall be protected with a suitable plastic cover.

13.4. The operating pressure of the tires shall be indicated on the wheel arches and in a visible place.

13.5 The tires shall be made in Europe by a reputable construction company. The tenderers shall obligatorily mention in their offer the factory, the type and the dimension of the tire, as well as the Load Index/Speed Rating.

13.6 The tires shall be new and not older than 9 months from the date of delivery of the vehicle

14. ELECTRIC SYSTEM

14.1 The vehicle shall be equipped with a general circuit breaker (excluding possible consumptions that require a permanent connection), as well as a device for charging the batteries from an external 24 VDC source.

14.2 Installation and connection of a radio and a radio antenna. Additionally, installation of a radio loudspeaker for incoming messages

14.3 The lighting of the vehicle shall meet the requirements of the EU.

14.4 Two (2) fog lamps with halogen lamps shall be installed on the front of the vehicle.

14.5 Reversing system using light and sound, according to the requirements of EN 1846-2/5.1.1.8.

14.6 Two (2) working headlamps with protective grids on the roof of the rear of the vehicle, controlled by a suitable switch on the instrument panel of the driving cab.

14.7 . Transceiver description

14.7.1. It shall be new, professional, unused, of recent construction and technology.

14.7.2 It shall have a built-in head of small dimensions, suitable for its placement in a space of dimensions of a radio cassette player. It shall have received a type approval either from the Hellenic Republic or from an authority of a member state of the European Union. A copy of its approval and the exact space of its placement will be determined after the date of signing the Contract. **Transceivers shall be delivered programmed, ready for operation.**

Technical characteristics of the transceiver

14.7.3. The operating frequency range shall preferably be between 138 - 174 MHz and definitely between 146-174 MHz.

14.7.4 Output power 25 Watt/50 Ω , adjustable (supply constant at all operating frequencies.)

14.7.5 Number of programmable channels: 100.

14.7.6 Frequency programming externally on PC.

14.7.7 Channel spacing of transmitter and receiver 25 KHz.

14.7.8. Frequency stability +/- 5 ppm.

14.7.9 Configuration type 16 F3 (+/- 5 KHz)

14.7.10. Receiver sensitivity 0.35 μ V for 12 db SINAD for the entire frequency band.

14.7.11 Receiver output shut-off adjusted internally, or automatically, or via a program at a threshold of 0.3 μ V, or less.

- 14.7.12** Audio output power at least 4 Watt.
- 14.7.13** Audio frequency response according to CEPT.
- 14.7.14.** Intermodulation 60 db.

External connections. The transceiver shall have external connection plugs for the following functions:

- 14.8.1** Independent audio output of the receiver.
- 14.8.2** Output for signal reception indicator.
- 14.8.3** CTCSS output.
- 14.8.4** Audio signal input of the transmitter.
- 14.8.5** PTT input.
- 14.8.6** Supply voltage: nominal 12 V DC with variation between 11 to 15 VOLT.
- 14.8.7** There shall be protection of the transceiver from accidental reversal of the accumulator polarity.
- 14.8.8** Consumption at 12 V shall not exceed 0.5 A in standby, 15 A in reception and 10 A in transmission.
- 14.8.9** Environmental conditions in which the transceiver shall operate normally:
- 14.8.10** Temperature from -20 to + 55o C.
- 14.8.11** Relative humidity from 15 to 95%.
- 14.8.12** On the front of the transceiver, there shall be a microphone plug, the loudspeaker, the indication of the channel as well as the corresponding keys and indications for the operation of the transceiver.

Additional programming capabilities:

CTCSS programming, encode - decode per channel
Transmission interruption time planning (TOT).
Scan programming of two channel groups.

Transceiver Accessories

- Voltage converter from 24 V to 13.8 V stabilized at least 10 A of continuous supply with overvoltage protection at the output (Power interruption for an output above 16 V).
- Software and components required for computer interconnection and programming. (Two sets for the entire quantity of transceiver)
- Technical manuals, original service manual with all the circular diagrams of the transceiver (Two sets for the entire quantity of transceivers).
- It shall be approved with regard to electromagnetic compatibility.
- Each piece of radio material shall bear the special plate, with the CE mark as required by applicable law.
- The antenna shall be LX4-type made of high-strength stainless steel, with a spring-loaded base and its support system.

15. DRIVING CAB

15.1. The driving cab shall be of metal construction, Long Cab type, made entirely by the manufacturer of the frame in the production line Parts of the cab may be made of glass fiber reinforced plastic (G.R.P.), excluding, however, all-plastic construction and lining of the cab. The front bumper shall be metal.

15.2. It shall have two (2) doors (one on each side) with opening windows.

15.3. It shall be equipped with excellent thermal and acoustic insulation, as well as with the necessary interior lining.

15.4. It shall have an air conditioning system.

15.5. All crystal parts of the cab (windshield, doors) shall comply with Directive 92/22/EEC.

15.6. It shall bear an independent, adjustable driver's seat and one more seat for a crew member. All seats shall be fitted with head restraints and seat belts, the construction and anchorage of which shall comply with Directives 77/541/EEC and 76/115/EEC.

15.7. It shall be equipped with a powerful ventilation and heating system, electric windshield wipers, water jet system. It shall have two sun visors, external mirrors.

15.8. Vehicle control and operation instruments shall be ergonomically arranged and include at least the following instruments:

- Speed indicator (km/h) with tachograph and distance recorder (km).
- Engine tachometer
- Recorder of engine operating hours
- Brake system air pressure gauge
- Engine oil pressure gauge
- Ammeter or Voltmeter
- Ventilation and heating system controls •
- Indicator of worn materials due to brake system friction.
- Fire pump operation indicator light.

15.9. There shall be a corresponding table that includes all the necessary instruments and controls for handling the firefighting system. The table shall include at least the following:

- Self-protection system activation switch.
- Identification lamps and siren controls
- Superstructure open roller indicator light.
- Indicator light for battery charge from external source.
- Working lamp switch.
- Detachable lamp switch.
- Ceiling fire-extinguishing pipe lamp switch

15.10 On the front right side of the vehicle, there shall be a suitable base and 24VDC power supply for the connection of the removable headlamp of par.

15.11. At a suitable point on the driving cab, so that it is legible, a vehicle information plate shall be installed containing at least the following information:

The gross vehicle mass, when loaded.

The maximum permissible net weight of the vehicle permitted by the manufacturer.

The maximum load capacity of the axles.

Tire dimensions and pressure levels.

Fuel tank capacity.

16. VISUAL AND AUDIO SIGNALS

16.1. The vehicle shall be equipped with an electronic siren consisting of an amplifier - microphone - speaker and producing three different sounds (WAIL-YELPHI/LO) as well as an electronic horn sound.

16.2. The output power of the siren shall be 100 W and the power of the loudspeaker shall be similar.

16.3. The siren shall produce a sound volume of 115 dB at least 3 m away. The transmission frequency shall have an approximate range between 800 to 1500 Hz.

16.4. On the roof of the driving cab (right and left), there shall be two (2) rotating identification lamps, as well as one on the roof at the rear of the frame to produce strong beams of red light. They shall be operated simultaneously via a suitable switch on the vehicle instrument panel. Each lamp shall preferably produce 90 (\pm 10%) flashes per minute, and in no case more than 130 flashes per minute, with a brightness of not less than 70000 CD and have a halogen lamp of suitable power. The height of each lamp shall not exceed 230 mm while the diameter shall not be less than 180 mm. The base of the identification lamps shall be made of POLYCARBONATE plastic or stainless steel. The red cover (arch) shall be made of durable acrylic.

16.5. The above identification lamps shall be protected with special metal grids, similar in shape to that of the lamps.

16.6. In addition, there shall be a suitable layout for the alternating operation of the vehicle's headlights, producing at least 90 flashes. The system shall be operated by means of a suitable relay and activated independently by the activation of the vehicle fog lights.

17. SUPERSTRUCTURE

17.1 The vehicle's superstructure shall be made entirely of metal, closed type and be placed on the car body. The compound shall consist of a stand-alone gasoline engine, a fire pump, a water tank and a winder. The dimensions of the superstructure shall be compatible with those of the vehicle loading area, with the possibility of addition and/or subtraction. It shall be supported on a galvanized metal frame with a screw connection to the body of the vehicle, mounted on the frame in such a way as to protect it from the transfer of stresses and torsions of the frame beams when the vehicle is moving on uneven ground within the Port.

17.2. The frame shall be equipped with rings for lifting and removing it. The free space on either side or above the tank shall be covered with metal or plastic cabinets, of light and strong construction, each with a door equipped with a suitable lock and with a support system in its open position, along with support bases for the occasional installation of the accompanying equipment provided for in paragraphs **19.1 to 19.9**.

17.3 Water Tank

- The water tank shall preferably be rectangular in shape, with a minimum capacity of 500 L.
- Its construction material shall be glass fiber reinforced plastic (GRP) with a minimum thickness of 12 mm.
- On its roof, it shall have suitable lashing rings for any repair or replacement.
- The vertical surfaces of the tank (if it is metal) shall be reinforced with appropriate ribs of the same gusset at a certain distance from at least each surface. Any extension seams of the gussets shall be made with a suitable configuration of the edges (as per DIN-1912).
- It shall have a manhole with a diameter of at least 450 mm with a semi-closed waterproof cover. It shall be permanently connected to the pump of the stand-alone fire-extinguishing compound, with a 65mm diameter nozzle equipped with a stainless-steel filter, with a semi-closed switch and an elastic coupling.
- It shall have a drainage device at the bottom and also be equipped with a filling nozzle from hydrants with STORZ 65 type quick coupler and a sealed cap painted blue.

- It shall be supported on the front of the superstructure frame with stainless steel screws. The solutions for supporting the tank in the frame with any type of belt are excluded.
- In a suitable position and towards the side of the pump, it shall have a water level indicator and an atmosphere recovery and overflow device that shall end behind the rear differential.

17.4 Stand-alone Firefighting Department - Engine - Fire Pump

17.4.1. It shall consist of a fire pump and an engine fitted to the pump via a suitable mounting device.

17.4.2. The total weight of the pump in standby mode (i.e. with oils and fuel) shall be as small as possible.

17.4.3. The pump shaft and the engine crank shall be in a straight layout.

17.4.4. The engine shall be petrol, four-stroke, air-cooled, with a cylinder capacity that shall exceed the nominal power of the pump by 20% and shall not be less than 12Hp.

17.4.5. The engine shall have an electronic control system.

17.4.6. The fuel tank shall have a capacity of more than 5 lt.

17.4.7. The ignition system shall have parasite protection that meets the requirements of international regulations.

17.4.8. The start shall be made with an electric starter (ignition), which shall be powered directly by the vehicle's electric system, as well as by pulling a rope that will fold automatically.

17.4.9. The engine shall have an operating speed control (hand throttle) and a low oil pressure indicator light.

17.4.10. The pump shall be centrifugal, with a casing and rotors made of light corrosion-resistant metal.

Performance

The performance of the pump shall meet the EN 14466 & 1028 standards:

17.4.11. The shaft shall be waterproofed with a material that does not require frequent periodic maintenance or replacement.

17.4.12. The pump shall be connected to the water tank with an elastic joint and a switch.

17.4.13. It shall have a nozzle for draining from an external water source, with a diameter of 65 mm with a removable stainless-steel filter, STORZ 65 type quick coupler and a sealed cap painted blue.

17.4.14. It shall have a nozzle with STORZ 65 type quick coupler with a sealed cap painted red.

17.4.15. It shall also have a supply with a ball switch, permanently connected to the 25 mm pipe winder and a supply with a switch to fill the water tank.

17.4.16. The pump shall be equipped with an inlet pressure gauge (with the possibility of measuring and depressurizing), an outlet pressure gauge and an operating hours meter.

17.4.17 The vehicle shall be equipped with one or more cabinets for the storage of the transported equipment.

17.5 Reel:

The compound shall have a manual reel on a suitable base, of suitable dimensions and on top of it, there shall be a wrapped semi-flexible pipe with a diameter of DN33 (1¼") and a length of at least 30m, which at its end shall have a suitable adjustable beam tube that can perform

straight and umbrella-type shots. The junction shackle shall be able to be removed from the reel and stored safely.

17.6 Pipes:

The compound shall have pipes of suitable diameter, according to the suction and discharge nozzles of the pump. The minimum tasks that it will perform, apart from firefighting, through the tank and the reel shall be the following: a) emptying the tank with natural flow, b) filling the tank with a fire hydrant, c) filling the tank with suction, d) suction from an external source and direct shot and e) water transfer. The discharge with natural flow and the filling of the tank shall be done by STORZ type hydrants of dimensions as per DN65 (2½"), according to the fire service, while in the pump discharge there shall be at least two fire hydrants of DN45-type (1¾") and DN25-type (1") dimensions, for the use of fire hoses as well as a network of flexible pipes.

The vehicle to be supplied shall be accompanied by the following accessories:

- One (1) pair of anti-skid chains for the vehicle.
- A complete spare wheel of the same dimensions as the other wheels.
- One (1) portable dry-powder fire extinguisher with a capacity of 2-3 kg, the construction of which shall comply with ELOT/EN-3 Standard (in the driving cab).
- All tools that accompany the vehicle (jack, wheel change tools, parking triangle, pharmacy, etc.).
- One (1) watertight fuel container for the stand-alone firefighting compound, with a capacity of approximately 10l.

18. COLORS

18.1. The color of the vehicle and the pump compound shall be white of excellent quality, made in powder coating. The vehicle will bear the necessary marking.

18.2. Surfaces exposed to the ground shall be specially treated against rust. The inner surfaces of the vehicle hollow structural sections (if any) shall be covered with special anti-rust materials, in accordance with the requirements of EN 1846.

There shall be a yellow line 10cm around the perimeter and the corresponding letters of the fire service shall be written on the sides of the vehicle.

19 Accompanying Equipment-Accessories:

19.1 The equipment offered with the compound, in addition to the above, shall consist of at least the following:

19.2 Fire hose (trevisa) as per DN 65 (2½") of 20m length (pcs. 1), ≥10bar resistance (operating pressure), with STORZ-type quick couplers at the edges with protective "sleeves" for the operator.

19.3 Fire hose (trevisa) as per DN 45 (1¾") of 20m length (pcs. 1), ≥10bar resistance (operating pressure), with STORZ-type quick couplers at the edges with protective "sleeves" for the operator.

19.4 Fire hose (trevisa) as per DN 25 (1") of 20m length (pcs. 1), ≥10bar resistance (operating pressure), with STORZ-type quick couplers at the edges with protective "sleeves" for the operator.

19.5 Adaptor for the pipes as per DN25-DN45 (pcs. 1) and DN65-DN45 at least one piece.

19.6 Pistol-type water jet, with adjustable beam and shut-off valve, with STORZ-type quick coupler at the edge, dimensions as per DN45, at least one piece.

19.7 Pistol-type water jet, with adjustable beam and shut-off valve, with STORZ-type quick coupler at the edge, dimensions as per DN45, at least one piece, as well as a pocket-type

water jet, with adjustable beam and shut-off valve, with a STORZ-type quick couple at the edge, dimensions as per DN25, at least one piece.

19.8 Suction pipe with dimensions as per DN65 (2½"0,) 8m length, with STORZ-type quick couplers at the edges.

19.9 One (1) adjustable hydrant wrench.

19.10 One (1) collection of tools required to perform the usual maintenance work of the pump and engine in a metal or plastic box.

19.11 One (1) series of spare parts for one replacement of the spark plugs and the engine filters.

20.1. Technical Characteristics

The following technical characteristics will be mentioned in the participant's technical bid of the participant and will be documented by official technical forms of the manufacturer. Any deficiencies of the requested data on these forms can be covered by a simple written statement of their manufacturer that will accompany the bid.

20.1.1 Vehicle specifications :

- Engine performance curves (power - torque at operation speeds) and other engine elements (brochures, etc.).
- Gearbox specifications including the type offered, the maximum transmission torque permitted by the manufacturer, the number of gears and the gear ratios.
- Clutch specifications, dimensions, maximum torque permitted.
- Specifications of power take-off (PTO) for pump drive, gear ratio, maximum torque (Nm) of drive (for continuous operation). In the event that the specifications of the PTO do not indicate that it is suitable for continuous operation, the manufacturer must submit a written statement of the PTO manufacturer confirming it.
- Technically maximum load capacity of axles and chassis taking into account any restrictions due to the offered tires and suspension - from the manufacturer of the chassis.
- Wheel and tire dimensions.
- Turning circle of the vehicle (wall to wall) - by the chassis manufacturer.
- Vehicle acceleration and final speed curves at full load (in km/h and converted in m/s) - by the chassis manufacturer.
- A brochure of the offered chassis which shall include at least the offered: Wheelbase, permitted axle and chassis weights, chassis tare, driving cab, engine, drive system (gearbox) etc.

20.1.2. Firefighting unit

- Pump brochure
- Pump performance charts (in terms of supply, pressure, and power consumption) at different operating speeds.
- The gear ratios at multiple pump speeds (if any) provided by the pump manufacturer as well as the recommended gear for the vehicle offered.
- Performance chart of the firefighting unit
- Pre-filling system Technical Brochure.

20.1.3. Firefighting equipment

Technical brochures of:

- portable explosion-proof lamps
- siren and identification lamps
- receivers (vehicle and portable)

- low pressure spray guns

20.2. Drawings

From the manufacturer of the superstructure:

20.2.1 Drawing of a general layout of at least three (3) different views of the offered vehicle to a scale. The plan should include values of maximum external dimensions, approach and departure angles, territorial tolerance and soil tolerance under the differentials.

20.2.2 Drawing of the water tank of the offered vehicle which proves that the requirement of paragraph 21.10.2 for an independent water tank is met.

20.3. Studies - Tables

The manufacturer of the superstructure there should include in the bid a Study of load distribution on the axles of the offered vehicle with detailed breakdown of load distribution of the vehicle at least in the following parts: frame, crew, superstructure, equipment, water pump, water tank.

21. Warranties

The supplier is obliged to state in writing that he provides:

- Performance warranty for the complete vehicle (frame-superstructure-fire pump-equipment) for at least two (2) years from the date of acceptance by the Service. Warranties relating to individual spare parts or materials will not be accepted; only those relating to the complete vehicle will be accepted.
- Warranty of anti-corrosion protection of the vehicle and the superstructure for five(5) years at least.
- Warranty of the water tank for at least ten (10) years. The warranties must be provided by the supplier and not by the manufacturers of the individual units.
- In the event that the vehicle is damaged during the warranty period, which requires the vehicle to be transported to a repair shop, the supplier is obliged to transport it at his own expense (transport by platform, crane truck, ferry tickets etc.) to the nearest authorized repair shop.
- The supplier is obliged to inform the Service about the work performed and the spare parts placed on each vehicle within the warranty period.
- In the event that some of the vehicles tendered are installed in prefectures of the country where there is no authorized chassis repair shop, the supplier, at the request of the Service, must designate at least one repair shop per prefecture for mainland Greece or per island, where the scheduled maintenance of the vehicle chassis will be held during the warranty period. If the supplier fails to designate the repair shop in question, he must transport the vehicle to the nearest authorized repair shop at his own expense (ferry tickets, etc.).

22 Support with spare parts - Service

22.1 The supplier is obliged to state in writing that he undertakes the obligation to provide spare parts to the Service for the vehicle offered and the firefighting equipment for at least ten (10) years, which is usually the contractual time binding the manufacturers. Suppliers who provide the possibility of providing spare parts beyond the 10 year-period shall submit, together with their bid, the statements of the manufacturers of spare parts (chassis - pump unit - superstructure) confirming that they accept to provide the spare parts for an additional period of time.

The delivery time of the spare parts during the 10-year period and any additional time, shall be within FIVE (5) business days at the latest. In case of delay in the delivery of spare parts for any reason or cause, except force majeure or fault of the Service, for more than ten (10) business days, a penalty clause equal to five percent (5%) of the value of the spare part is

imposed for each week of delay and up to a maximum of fifty percent (50%) of the value of the spare part. The supplier shall notify promptly the Service in writing in the event of force majeure in order to be able to invoke it.

22.2. The first two SERVICES of the chassis, as provided by the manufacturer, shall be performed at the care and expense of the supplier, by specialized technicians in the private authorized repair shops except for the lubricants that will be provided by the Service. The schedule of these two services shall be stated in the bid (time interval, number of kilometers traveled).

23. Deliverable manuals

The vehicle will be accompanied by a full set of instruction and maintenance manuals for the chassis and the fire pump in Greek or in English with summaries translated into Greek. More specifically, together with the vehicle, the following will be delivered:

A list of spare parts with serial number for the chassis and the fire extinguishing unit (in English or Greek) in printed or electronic form.

Two workshop manuals for the repair of the chassis and the pump in English or in Greek

A list of spare parts of the superstructure

A set of special tools for the repair of the pump vehicle repair and superstructure.

24. Training

The supplier must train technicians of the Service and drivers for two (2) working days in the premises of ThPA SA on matters related to the maintenance and repair of the offered vehicle (chassis and fire extinguishing unit).

Attachments:

Annex 1 - Information document on the protection of personal data

Annex 2 - Compliance Form

Annex 3 – Financial Bid

**THE MANAGING DIRECTOR -
THE CHIEF EXECUTIVE OFFICER OF THPA SA**

FRANCO NICOLA CUPOLO

ANNEX 1

UPDATE ON THE PROCESSING OF PERSONAL DATA, pursuant to Article 13 of the GDPR 679/2016
(*accompanies the **Application Forms** in Tenders procedures - Calls- Offers etc. of the Procurement and Investment Division of “ThPA SA”.*)

The Societe Anonyme under the name “Thessaloniki Port Authority” (ThPA SA, Law 2688/99, GG 40A/1-3-99), having its registered office in Thessaloniki (Pier 1, inside the Port PC: 54625, tel: 2310 593 118-121), as legally represented, hereby **informs** and; in conformity with the provisions of the applicable legislation on the protection of personal data, and, the General Regulation EU 679/2016 in particular, **in its capacity as a “Controller”**, the natural person (*hereinafter the «Data Subject»*), who signs the Application Form, the Offer or other similar form of the Procurement and Investment Division of “ThPA SA” and submits the necessary supporting documents, **either** on its behalf, as a representative of a private company **or** as a natural person -legal representative of the participant in the legal person procedure, **or** in another similar legitimizing capacity, that ThPA SA and its competent Services-Divisions-Departments (*such as its employees, acting under its supervision, by order and on its behalf and within the framework of their powers and, possibly with others, jointly referred to as “Controllers” and “Processors”, third parties or recipients: other participants in the procedure, Ministries, public authorities, Tax Offices, Judicial Authorities etc. based on the compliance with the legal obligation of the “Processor” or in fulfilment of his duty or for performance of a contract*), **collects, processes and keeps** a record of the personal data included in the Application Form, Offer or any other document of the Procurement and Investment Division of “ThPA SA” and in its accompanying documents, which are voluntarily submitted to “ThPA SA” by the “Data Subject” either on his behalf (*private company*) or on behalf of the legal person representing it.

These data will be used for the purposes of handling the Application Form, the Offer or any other similar document of the Procurement and Investment Division of ThPA SA. The purpose of processing may be: The evaluation of the Application/Offer etc, the verification of the details of the «Data Subject» or the company that it represents, required by the procedure, the evaluation of the suitability of the «Data Subject» or the company it represents, as a candidate counter-party towards the conclusion of a contract with “ThPA SA” or with a view to concluding a contract (*Article 6, par.1b GDPR ΑιτΣκ 44*). Furthermore, “ThPA SA” processes such data in order to communicate with the “Data Subject” whenever it considers it to be necessary, on issues relating to the procedure and for reconciling “ThPA SA” with the requirements of the Regulation and law (*compliance with his legal obligation, Article 6, par 1c GDPR*) These data are kept at the competent Procurement Department **for as long as it is necessary to check the Application/Offer etc. and the data submitted therein, throughout the period needed to complete the procedure, throughout the period of submission of any objections and lodging an appeal that may be provided for internally or by law, throughout the period of fulfillment of both parties’ obligations and the period of limitation for bringing claims and, generally, for as long as it is required from the letter and the spirit of the Subcontracting and Procurement Regulation and the relevant law and contracts governing the operation of ThPA SA, as applicable.** Then, they are filed, either on paper or electronically in such a way that access is not authorized to non-authorized employees. After the elapse of the necessary time period, they will be safely destroyed, as provided for by the relevant legislation (*the provisions of Article 191 §2 of Law 4610/2019 (Α’70) apply for the period up to the 23-3-2018, while, the maximum limitation period laid down in the Civil Code shall apply from then on and for the conversion of the Processor into a SA.* The provision of such data is necessary for this procedure and, failure of the “Data Subject” to provide them will lead to the inability of the Data Subject to participate in the procedure and the impossibility of providing such service.

The “Data Subject” can submit a request to the “Controller” on: Access-information, correction, limitation of the processing of data concerning it, objection to processing, erasure of data and data portability **subject to the conditions and limits laid down by the applicable legislation** (*e.g. 17 par.3, 20 par.3, 23 GDPR*). These rights are exercised either by filling in the relevant application form available on the **Protocol and the Investment and Procurement Division** of “ThPA SA”, or by sending a letter to the address: “ThPA SA”, Pier 1, within the port, PC: 546, Thessaloniki, tel: 2310 593118-121, or by sending an email to the address: dpo@thpa.gr. The “Controller” provides information to the “Data Subject” about the action held upon request, pursuant to Article 15 to 22 of the GDPR without delay and, in any case, **within one month** from the reception of the request. This deadline **may** be extended for two more months, if required, taking into account the complexity and the number of requests (*see more in detail: Article 12 par. 3-4 GDPR*). Also, in case of a complaint, the “Data Subject” is authorized to contact the **Hellenic Data Protection Authority** in writing (*address: 1-3 Kifissias Str. P.C. 115 23, Athens*) or by e-mail ([J](#)).

Thessaloniki, ___ / ___ /20___

7th Edition/2020

I have become aware of this Update (*signature and in full letters*)

ANNEX 2

COMPLIANCE FORM - TABLE OF TECHNICAL CHARACTERISTICS

S/N	DESCRIPTION	
1. GENERAL CHARACTERISTICS		
1.1	Manufacturer and year of manufacture of the vehicle	
1.2	Type of vehicle	
1.3	Engine manufacturer	
1.4	Type of engine	
2. ENGINE - PERFORMANCE		
2.1	Capacity (cm ³)	
2.2	Type of fuel	
2.3	Number of cylinders	
2.4	Power of engine (PS/RPM)	
2.5	Maximum engine torque (Nm/RPM)	
2.6	Average consumption (lt/100km)	
2.7	CO ₂ Emissions (gr/km)	
2.8	Level of emissions (e.g. Euro V)	
2.9	Maximum noise level (db)	
3. DIMENSIONS		
3.1	Vehicle Length(mm)	
3.2	Vehicle width (mm)	
3.3	Vehicle height (mm)	
3.4	Wheelbase (mm)	
3.5	Axle height from ground (mm)	
4. LOADS - FLEXIBILITY		
4.1	Empty weight (kg)	
4.2	Vehicle payload (kg)	
4.3	Total vehicle weight (kg)	
5. STEERING - TRANSMISSION - BRAKING		

5.1	Steering system	
5.2	Type of gearbox	
5.3	Number of forward/reverse gears	
5. STEERING - TRANSMISSION - BRAKING		
5.4.	Braking system	
5.5.	Type of front/rear brakes	
5.6.	ABS System (YES/NO)	
5.7	ASR System (YES/NO)	
6. SUPESTRUCTURE DATA		
6.1	Tank Length(mm)	
6.2	Tank width (mm)	
6.3	Tank height (mm)	
6.4	Tank Volume (m ³)	
6.5	Type of pump	
6.6	Pump supply	
6.7	Pump engine (cc, power)	

ANNEX 3

**TEMPLATE OF
OF FINANCIAL BID**

Of the
company.....
With its headquarters at
Address.....
TIN Tax Office Postal Code
.....
Tel..... Fax.....

After I have been apprised the terms of the **Open Tender**, for the supply of the fire vehicle - truck, I submit this **Financial Bid** and state that I fully and unconditionally accept all the terms.

DESCRIPTION	Price in Euros
The price bid in Euro (VAT excl.) for the fire truck	
The price bid in Euro (VAT excl.) for the accompanying equipment More precisely:	
The price bid in Euro (VAT excl.) for Issue of Vehicle Registration	

1. Delivery time of the vehicle to ThPA SA
2. Estimated Date of Issue of Vehicle Registration

The Bidder
(stamp- signature)