



ΟΡΓΑΝΙΣΜΟΣ ΛΙΜΕΝΟΣ ΘΕΣΣΑΛΟΝΙΚΗΣ
ΑΝΩΝΥΜΗ ΕΤΑΙΡΙΑ
(Ο.Λ.Θ. Α.Ε.)
Αρ. Μ.Α.Ε.: 42807/06/Β/99/30
ΕΔΡΑ ΘΕΣΣΑΛΟΝΙΚΗ

GENERAL INVESTMENT DIVISION
PROCUREMENT DIVISION

Thessaloniki, 23/4/2019
Ref. No.: 3258/Γ.Σ.19

REQUEST FOR PROPOSAL
FOR THE SUPPLY OF MODERN ROTATIONAL BRAKING SYSTEMS

ThPA SA invites any interested companies to submit their tender for the provision of two rotational braking systems for electrical cranes, in accordance with the following terms and conditions.

PART 1 GENERAL TERMS

1. Object

1.1 Description of object

The object of this Request is the supply of two modern rotational braking systems in place of the existing ones on cranes E/C 31 and E/C 32, according to the technical characteristics of Part B herein.

1.2 Option

ThPA SA holds the right, through a unilateral statement that will be made after the successful installation and operation of the two braking systems, to proceed to the supply of two more identical systems under the same conditions for the electric cranes No. 39 and No. 40.

1.3 Description of subject

The estimated value of the two systems accounts to thirty-five thousand (35,000) euros plus VAT 24%.

2. Participation right

2.1. The participation in the tender is open to Natural and Legal Persons performing professional activities relevant to the object of the tender.

2.2. The participants must:

- Not be in a state of bankruptcy, liquidation or compulsory receivership.
- Not be convicted by means of a final judgement. In the case of Limited Liability Companies and Limited or General Liability Partnerships, this requirement refers to the Administrators; in the case of Societe Anonymes, this requirement refers to the Chairman and CEO; in all other cases, this requirement refers to the natural persons managing the company for the offences listed below:
 - a) Participation in a criminal organisation, as defined in Article 2(1) of EU Council Joint Action No. 98/733/JHA,
 - b) Bribery, as defined in Article 3 of the Council Act of 26 May 1997(21) and Article 3(1) of Council Joint Action 98/742/JHA,

- c) Fraud within the meaning of Article 1 of the Convention relating to the protection of the financial interests of the European Communities.
- e) Money laundering or terrorist financing, as defined in article 1 of Directive 91/308/EC of the European Council on the prevention of the use of the financial system for the purpose of money laundering.
- e) embezzlement (article 375 of the Criminal Code)
- f) fraud (article 386-388 of the Criminal Code)
- g) extortion (article 385 of the Criminal Code)
- h) forgery (article 216-218 of the Criminal Code)
- i) perjury (article 224 of the Criminal Code)
- j) bribery (article 235-237 of the Criminal Code)
- k) Bankruptcy fraud (article 398 of the Criminal Code).

2. Description of procedure

2.1. Tender evaluation criteria

Tenders shall be evaluated based on the offered price, provided that the general and technical requirements herein are met.

3.2. Time to submit tenders

Interested parties can submit their bids by email by **28/5/2019**, at the latest, at the Procurement Department of ThPA SA in the following email address: cathanasiou@thpa.gr and ptheologou@thpa.gr

3.3 Clarifications

Requests to provide additional information or clarifications are submitted by no later than five (5) days before the bid closing date at the email cathanasiou@thpa.gr with a copy to hgagavouzis@thpa.gr

3.4 Procedure cancellation-modification

THPA SA. ThPA SA reserves the right to cancel the procedure of assignment or may decide to repeat it at any stage. It also reserves the right to modify the terms of the procedure with transparency.

4. Bid content

Bids shall be submitted in Greek, bearing the signature and stamp of the company and they shall include the following information:

- The financial offer according to the attached template indicating, inter alia, its validity time which cannot be lower than 90 days, the delivery time and the systems guarantee time. The financial bid shall bear the signature of the legal representative and the company's stamp.
- The technical offer shall indicate in detail the technical characteristics of the offered products and will be accompanied by detailed manufacturer's documents for all the systems' different parts.
- A solemn statement of Law 1599/86, as applicable, stating that the grounds for disqualification defined in paragraph 2.2 do not apply for the economic operator and for their legal representatives, and that they have no reason to believe that these impairments shall apply during the offer validity period or any of its extensions.
- 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).

- To prove their lawful incorporation and representation, in the cases when the economic operator is a legal person, he shall produce the legal establishment and lawful representation documents (such as articles of incorporation, certificate of changes, corresponding Government Gazettes, Board of Directors formal establishment in the case of SA, etc.). The above documents shall specify the lawful establishment, all relevant amendments to the statute, 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 contractor, as well as the term of office of the person(s) and/or the members of the management body/legal representative;

5. Special terms

5.1 Performance warranty bond

To sign the Contract a Performance Letter of Guarantee is required, the amount of which is defined as 5% of the total fee, VAT excluded, and is submitted before or during contract signing.

The performance bond shall cover entirely and without exceptions the implementation of all the conditions of the contract and any claim of ThPA SA against the supplier.

The performance bond shall be forfeited in the case where the terms of the contract are violated, as specifically defined.

5.2 Payment method

Payment of the supplier shall be effected against invoice as follows:

- 75% of the total price shall be paid sixty (60) days after the month of delivery and issuance of the relevant invoice.
- 25% of the total price shall be paid after the successful completion of 20 hours of tested operation. If at the responsibility of THPA SA. the tested operation is not performed within (3) months from the delivery of the systems, the remaining 25% is paid to the supplier.

5.3. Delivery - Training - Tested operation

The braking systems will be delivered ready for installation under the responsibility and at the expense of the supplier at the THPA SA facilities. Upon delivery, they will be accompanied by two full Operation, Maintenance and Installation Manuals and two Spare-parts lists in Greek and English.

After the installation of the systems on the cranes by ThPA SA technicians, a 20-hour tested operation will be performed in each crane.

For the completion of the supply, the contractor shall provide at least three hours training on operation and maintenance.

5.4 Equipment Performance Warranty

5.4.1 Guarantee time

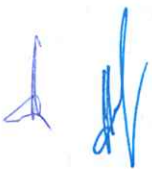
The braking systems will be covered by a performance warranty bond of at least (2) years from the delivery date. During the warranty period, the contractor is responsible for the operation of the systems. The contractor shall restore within a reasonable deadline that will be set and at his own expense, any damage or dysfunction that is due to defective construction or defective material and any other material that is unfit and not in line with the terms of the supply.

5.4.2 Performance warranty bond

A Performance Warranty Bond, in the amount of **one thousand eight hundred euro (€1,800.00)**, with an expiry date sixty (60) days after the end of the performance warranty

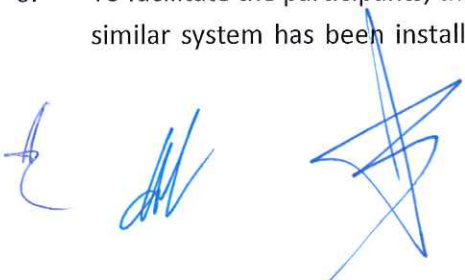


period shall be submitted after the completion of the tested operation. The performance warranty bond shall be returned after the end of the warranty period of the object. Upon submission of the performance warranty bond, the, the performance warranty bond shall be returned.



PART 2 TECHNICAL TERMS

1. The rotational brake systems will be original, made in Europe and manufactured by well-known specialized manufacturers. They will bear the 'CE' marking and will be delivered ready for installation. They will be suitable for a coastal environment with temperatures varying from -10°C to 40°C , high humidity and dust and must have an IP55 or higher protection and high anti-corrosion coating.
2. The rotational brakes for each crane must be integrated, complete sets (except from the brake drums, where the existing ones with D: 400mm diameter Consisting of two drum type rotational brakes, with arms and jaws, an electric feeding and braking control unit, industrial foot brake and the suitable triggers which can exert a strong, adjustable progressive braking effort.
Electrohydraulic thrusters with return springs like the ones installed on the E/C 38 of ThPA SA can be used as triggers. The new brakes must be able to exercise an adjustable braking effort from 100Nm to 500Nm at least.
3. The new braking systems will allow achieving the adjustable progressive braking, similar to the operation of the vehicle hydraulic braking systems. When the crane rotates freely, they must be completely open. When the operator wishes to reduce or zero the rotation speed, the braking effort must be proportional to the control pedal position. Also, they will have the 'fail-safe' features, i.e. A high braking torque will be exercised when there is power cut either due to lack of command or due to black out. Under normal conditions (without command or power supply), the brakes will be 'normally closed'. This status will provide parking brake features in order not to need further manual configurations for permanent application of brakes. The existence of an 'on / off switch is desirable.
4. Please note that the power of rotation motors - two in each crane - is P: 26kW, with duty factor 60%. The brake drums - two per crane have a diameter D: 400mm and width W: 160mm The cranes E/C 31, 32 and E/C 39, 40 are made in Hungary in 1986, by GANZ. To note that a similar rotational braking system has been installed on the E/C 38 consisting of an EMG Brakematic Pedal Type (BMP) feeding and control system with electrohydraulic rods (eldro) EB 80/60 C80 II.
5. The supplier shall deliver the braking systems under supply complete and ready for installation, as described above. Cables and other installation material are not completed in the supply. The installation of the braking systems will be made by ThPA SA However, the supplier will be obliged to provide full and detailed installation manuals and the systems, properly planned and ready for installation without the need for further configurations. He shall also provide on-the-spot technical assistance upon installation, if necessary. The supplier shall bear sole and exclusive responsibility for the suitability of the systems he provides and their compliance with the specifications.
6. To facilitate the participants, they are offered the possibility to visit the E/C 38, where a similar system has been installed and one of the identical cranes E/C 31 and E/C 32



where the new systems will be installed. The visit will be made after agreement with Mr. Ioannidis Ioannis, head of the Mechanical Engineering Department tel. 2310.593.503.

Annex I

1. Indicative photos of the braking systems.
2. Financial bid template

THE BOD CHAIRMAN & CEO OF THPA S.A.

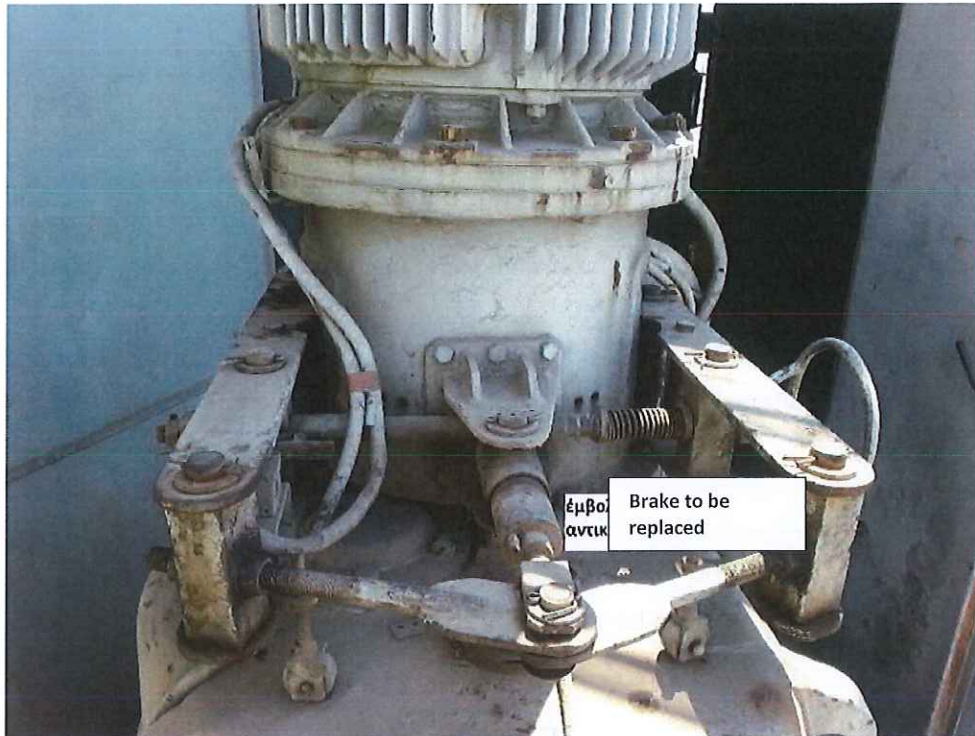


SOTIRIOS THEOFANIS

X. Αθανασίου
24.4.2019

ANNEX

1st photo: Configuration of brake to be replaced E/C 31 same as E/C 32.



2nd photo: Adjustable braking control pedal E/C 38



✓ [Signature] ✗

FINANCIAL BID SAMPLE

Of the company With
 headquarters..... Address: VAT No:.....Tax Office.....
 Postal Code No. Tel.....e-mail.....

Taking into account the terms of the RFP Prot. No/2019 of THPA SA which we accept in full and unconditionally, we hereby submit the Financial Bid for the supply of two rotational braking systems at the price of
(the full amount in words and figures) plus VAT according to the following price table.

We confirm that this offer will be valid for from the bid closing date.

FINANCIAL OFFER

S/N	PROCUREMENT PROJECT	SYSTEM PRICE	NUMBER OF CRANES	TOTAL
1	Cost of braking system per crane		2	
Bid Total Price (in numbers)				
Bid Total Price (in words)				

The above prices do not include VAT.

Delivery time of the braking systems is.....months

Performance warrnaty bod.....months

...../...../ 2019

THE BIDDER

(Signature and stamp)