

## INVESTMENT & PROCUREMENT DIVISION

### **REQUEST FOR PROPOSAL** **FOR THE SUPPLY OF READY TO USE WET SEALED LEAD BATTERIES**

#### **A' GENERAL PART**

**ThPA S.A** invites interested companies to submit their bid for the supply of ready wet sealed lead batteries for the needs of ThPA SA in 2021-2022.

#### **1. OBJECT**

##### **1.1. Physical object**

This tender concerns the supply of wet sealed lead batteries. In *PART B - TECHNICAL SPECIFICATIONS*, there is a list of the main types and indicative quantities. ThPA SA reserves the right to exceed the indicative quantities and choose different types of batteries from the supplier's official pricelist that are not included in the above list.

##### **1.2. Financial object**

The maximum value of the supply amounts to sixteen thousand euros (16,000€) plus VAT.

##### **1.3. Option right**

ThPA SA reserves the right to exceed the maximum value of 16,000€ by 20% by exercising the option right.

##### **1.4. Duration**

The supply will be executed in parts, depending on the needs of ThPA SA, over a period of eighteen (18) months.

#### **2. DESCRIPTION OF PROCEDURE**

##### **2.1. Bid evaluation criteria**

The criterion for the assignment of the supply is the total price (lowest price) of the materials specified in the attached Financial bid template

##### **2.2. Bid submission time**

The offers are submitted, no later than 12 / 07 / 2021, to the email address [asachinidou@thpa.gr](mailto:asachinidou@thpa.gr), and [ggeorgiadis@thpa.gr](mailto:ggeorgiadis@thpa.gr) with notification to the email address [gpapageorgiou@thpa.gr](mailto:gpapageorgiou@thpa.gr). After the deadline, there is no possibility to submit bids. Late bids will not be considered. It is clarified that the financial offers will be sent **locked**. The password will be sent to the above emails upon notification of the participants. Indicative instructions for creating a locked file have been posted along with this invitation on the website of ThPA S.A.

Alternatively, participants can submit their offers on working days and hours, no later than xx / xx / 2021 and time 15:00, in the Greek language, not subject to condition, condition, condition or reservation as follows:

##### **Address for sending / submitting bids:**

**Thessaloniki Port Authority S.A**

**Administrative Address - Secretariat Department (Ground Floor)**

**Technical Services Building (within port)**

**PC 54012 Thessaloniki**

After the expiration of the deadline and time, there is no possibility to submit a bid. Offers submitted late are returned.

### **2.3. Clarifications**

Requests for additional clarifications shall be submitted by email to [asachinidou@thpa.gr](mailto:asachinidou@thpa.gr), also forwarding the request to [ggeorgiadis@thpa.gr](mailto:ggeorgiadis@thpa.gr) , [gpapageorgiou@thpa.gr](mailto:gpapageorgiou@thpa.gr) no later than seven (7) days before the closing date for submission of bids. The clarifications are posted electronically on the website of ThPA SA [www.thpa.gr](http://www.thpa.gr).

### **2.4 Procedure cancellation-modification**

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

## **3. BID CONTENT**

---

Bids shall be submitted in Greek, based on the attached template, bearing the signature and stamp of the company and shall include the following information:

### **3.1 The financial bid, which shall state:**

- the net unit price in euros, including the cost for the alternative management fee.
- the total net price,
- a discount for the requested and remaining items on the pricelist.
- the extra discount rate offered by the tenderer in case the option right is activated ie the value of the supply exceeds the amount of sixteen thousand euros (16,000€), plus VAT.
- the validity time of the bid, which shall be at least 60 days.

### **3.2 Official pricelist** of the manufacturer.

3.3 The compliance table of the Annex hereto completed and duly signed, accompanied by the requested solemn statement.

3.4 A valid quality assurance certificate ISO 9001: 2015 in force, of the manufacturer.

3.5 Technical brochures of the offered items (prospectus, service manual, user manual, drawings, wirings etc.)

## **4. SPECIAL TERMS FOR THE PERFORMANCE OF THE PROCUREMENT**

---

### **4.1 Delivery**

The accumulators will be delivered in parts to ThPA SA at the supplier's responsibility and expense within one (1) working day at the latest from the reception of the written order.

The delivery period can, in exceptional circumstances, be extended by up to two (2) working days, upon consent by ThPA SA after a relevant request by the supplier which must be submitted within twelve (12) hours from the order placement.

### **4.2 Performance bond**

The signing of the contract requires the submission of a Performance bond amounting to 5% of the total contract price, excluding VAT, deposited before or during the signing of the contract.

The performance bond shall cover entirely and without exceptions the implementation of all the contract terms 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.

### **4.3 Performance warranty period**

The minimum acceptable good performance warranty period is two (2) years from the commissioning of the battery.

During the warranty period the Contractor is responsible for the operation of the accumulators and shall restore any damage or fault resulting from poor workmanship or defective materials.

### **4.4 Payment method**

The supplier's payment shall be made against invoice, sixty (60) days from the month the invoice is issued.

Billing will take place at the end of each month and include all the shipping bills of the month.

#### **4.5 – Price Adjustment**

Price adjustment is provided in cases where this is a consequence of the increase in the cost of raw materials.

In case of price adjustment, the Contractor is obliged to send the new price list and in case he fails to send it, the prices of the previous one will apply, before the update of the price list.

It is noted that the discount rate that will be given to the Contractor's bid, in case of change in the price list, cannot be lower than the offered discount rate.

#### **4.6 Option**

In case that the option right is activated, the supplier will offer to ThPA SA an extra discount which will be set in his bid. The extra discount applies exclusively to orders that will be placed after activating the option and will be applied to all items.

## PART B' TECHNICAL SPECIFICATIONS

### 1. PURPOSE

1.1 These technical specifications set the requirements of the supply of ready to use lead batteries for the needs of Thessaloniki Port Authority.

### 2. LEGISLATION - STANDARDS

All offered batteries shall be governed by the following Legislation and Standards:

2.1 Decision of Ministers of Economy, Competitiveness and Shipping - Environment, Energy and Climate Change No. 41624/2057/E103 of 11/10/2010 on "Alternative management of waste from batteries and batteries...".

2.2 Directive 2006/66/EC of the European Parliament and of the Council of 6 September 2006 "on the batteries and accumulators, the waste from batteries and accumulators with the abolishment of Directive 91/157/EEC".

2.3 Directive 2008/12/EC of the European Parliament and of the Council of 11 March 2008.

2.4 Directive 2008/103/EC of the European Parliament and of the Council of 19 November 2008.

2.5 Regulation no. 1907/2006 of the European Parliament (EC) and of the Council of 18 December 2006 on the registration, evaluation, licensing and restrictions of chemical products (REACH) and on the establishment of the European Organization of Chemical Products and on the amendment of Directive 1999/45/EC and on the abolishment of Regulation (EEC) No. 793/93 of the Council and Regulation (EC) No. 1488/94 of the Commission and Directive 76/769/EEC of the Council and the Directives of the Commission No. 91/155/EEC, 93/67/EEC, 93/105/EP και 2000/21/EP.

Standard EN 60095-1, EN 60095-2/4, EN 50342-01/2011

### 3. CLASSIFICATION - DETERMINATION - QUALITY ASSURANCE

3.1 The batteries will be wet sealed as set out in detail in Annex A.

3.2 The manufacturer of the battery must be certified in accordance with the quality assurance system ISO 9001: 2015 in force.

3.3 The measurement of the Reserve Capacity must be reported for each battery. That is, the capacity that the battery must have in full charge condition, so that the discharge time (with 25 Amp, at 26.7C) up to 10.5V is the one provided by EN 50342 -01/2011 standard.

3.4 Batteries are determined based on: Rated voltage (V), 20 hour nominal capacity ( $C_{20} \pm 1Ah$  EN), cranking current (CCA) against (EN), the dimensions with maximum and minimum deviations at length (+0/-4mm), width (+0/- 2mm), height (+0/-3mm), position of the positive pole (left or right), European or Asian type with thin or thick poles, as displayed on Annex A.

**DETERMINATION OF TECHNICAL CHARACTERISTICS OF SEALED BATTERIES FOR CARS-TRUCKS-BUSES.**

A) Asian-type batteries with thick or thin type terminals .....from the accumulator body (Fig.1) and European type with terminals at the same height as the accumulator body (Fig. 2).

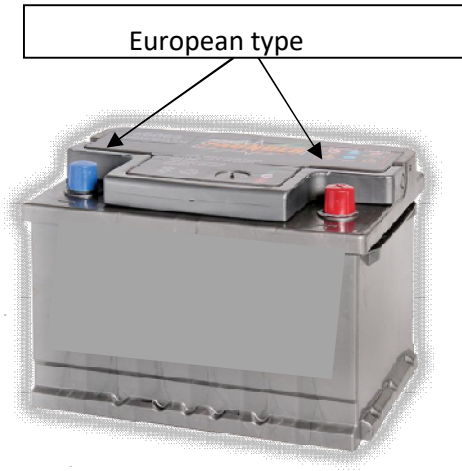
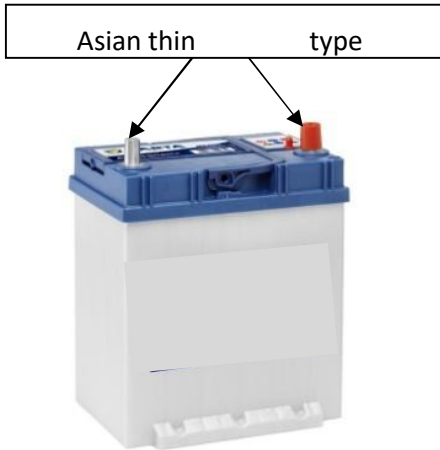
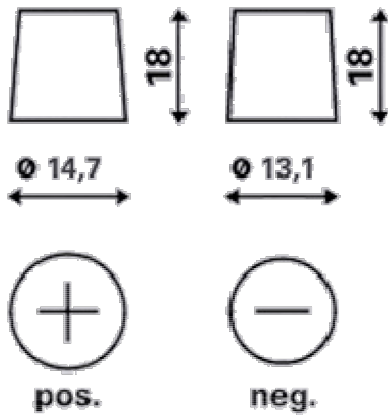
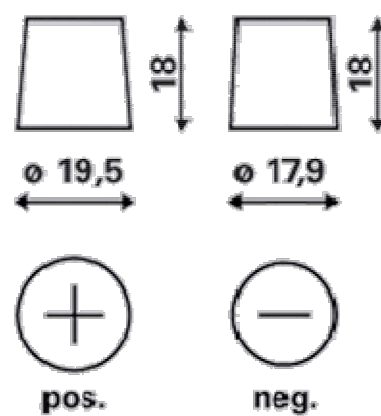


Fig. 1



Thin pole

Fig.2



Thick pole

B) Sealed batteries



Fig. 3

C) Reading indicative dimensions of batteries (e.g. length: 518 width: 276 and height: 242) Fig. 4

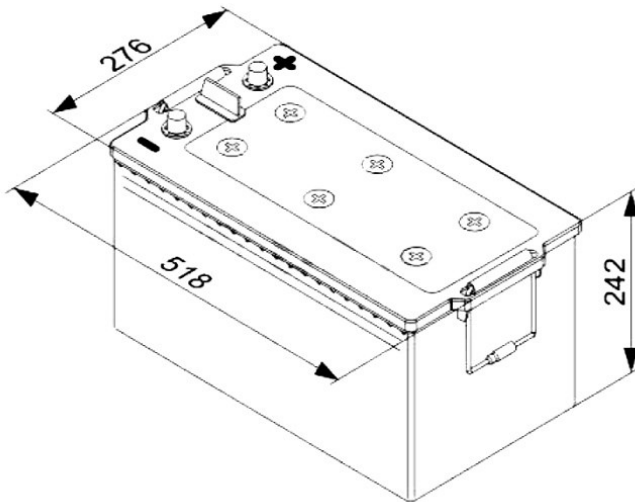


Fig. 4

D) Poles

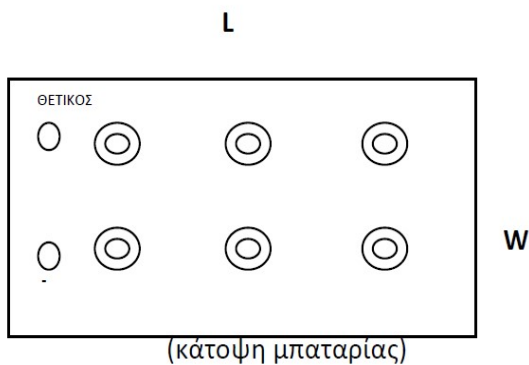
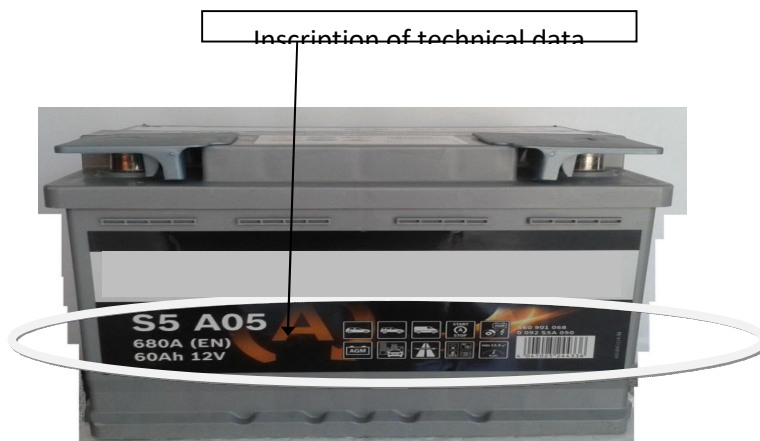


Fig. 5

E) Inscription of technical Specifications on the accumulator body (e.g. 12v, 60Ah, 680CCA, start stop).

Fig. 6



G) For the following type of machine HYUNDAI L780-9 there is the peculiarity of the positive pole which in contrast to all the machines is on the right side with the impossibility of connecting a battery with a positive pole on the left side.

H) For the following types of machines DOOSAN DL200, CAT 980H & CAT 319D there is the peculiarity of the type of battery (Fergusson).

### **ANNEXES**

1. Indicative list of vehicles
2. Indicative table of required items.
3. Compliance sheet
4. Financial offer (based on indicative requirements)
5. Detailed table of machines of ThPA S.A (Attached together with this)

**CHIEF INVESTMENT OFFICER**

**DAVIDIAN ARTHUR**

## **ANNEXES**

### **1. Indicative list of vehicles**

<b>Machine Category</b>	<b>Machine Type</b>	<b>Ah</b>	<b>Nr Batteries/machine</b>	<b>Nr of Machines</b>
<b>EXCAVATOR</b>	<b>BOBCAT 328D</b>	65	1	1
	<b>CAT 308D</b>	90	1	1
	<b>CAT 319D</b>	100	2	2
	<b>JCB 3CX CSMAEC</b>	110	1	1
	<b>JCB 3D-4</b>	100	1	1
	<b>Liebherr R906</b>	135	2	1
<b>FORKLIFT</b>	<b>DAEWOO D30S-3 (3tn)</b>	90	1	4
	<b>DOOSAN D30G (3tn)</b>	90	1	6
	<b>DYNALIFT 2502</b>	110	1	6
	<b>KALMAR DCD 250-12LB (25tn)</b>	140	2	3
	<b>KALMAR DCD160-6 (16tn)</b>	140	2	5
	<b>KALMAR DCD250-12 (25tn)</b>	140	2	4
	<b>KALMAR DCD370-12 (37tn)</b>	140	2	3
	<b>KALMAR DCD55-6 (5,5tn)</b>	75	2	4
	<b>KALMAR DCD80-6 (8tn)</b>	75	2	4
	<b>KALMAR DCE 120-6 (12tn)</b>	145	2	2
	<b>KALMAR DCE 180-9 (18tn)</b>	140	2	4
<b>FRONT LIFT</b>	<b>KONECRANES SMV 37-1200C(37tn)</b>	140	2	2
	<b>KONECRANES SMV 5/6 ECC 90C</b>	140	2	2
<b>LOADER</b>	<b>SISU TD4ECR-A096EC</b>	160	2	2
	<b>BOBCAT S76</b>	90	1	2
	<b>CAT 262B (0,83 m3)</b>	52	1	7
	<b>CAT 980G (5 m3)</b>	100	4	2
	<b>CAT 980H (5 m3)</b>	160	2	2
	<b>DOOSAN DL200 (2 m3)</b>	100	2	3
<b>MAN LIFT</b>	<b>HYUNDAI L780-9 (5 m3)</b>	220	2	3
	<b>HAULOTTE HA20RTJ</b>	110	1	2
	<b>RAIL TRACTOR</b>	<b>ZEPHIR LOK 10.170</b>	120	2
<b>REACH STACKER</b>	<b>ZEPHIR LOK 14.240</b>	155	2	1
	<b>KALMAR DRF 450-65S6</b>	145	2	1
<b>STRADDLE CARRIER</b>	<b>KONECRANES SMV 4531 TBG</b>	140	2	1
	<b>KALMAR CSC 340</b>	170	4	8
	<b>KONECRANES NOELL NSC 644 E</b>	230	4	12
<b>SWEeper</b>	<b>SISU 4011135-80-T</b>	160	4	4
	<b>DULEVO 6000T REVOLUTION</b>	140	2	1
	<b>SCHMIDT VKS 24-Z/UNIMOG UGE232</b>	140	2	1
	<b>SICAS NA4M3</b>	140	2	1
	<b>TRACTOR</b>	<b>SISU TR160AL/4*4</b>	155	2
<b>TRUCK (WATER)</b>	<b>TERBERG YT222</b>	140	2	7
	<b>DAF L2EN3.HS (LF 250FA)</b>	160	2	1
	<b>IVECO SPA ML180E25</b>	110	2	1

## 2. Indicative table of required items.

S/N	BATTERY DATA					REQUESTED QUANTITY (PCS)	VEHICLE/ MACHINERY DATA		
	VOLTAGE (v)	NOMINAL CAPACITY C20 ± 1Ah(EN)	MINIMUM STARTING LOAD ≥CCA-EN	DIMENSIONS LxWxH (mm)	POLE CONFIGURATION + <input type="text"/> -		TYPE / CAPACITY	MANUFACTURER MODEL	YEAR OF MANUFACTURE
1	12	52 -55	450 -500		POSITIVE LEFT	4	CATERPILLAR 262B	ELTRAK	2005
2	12	60	≥500			4	OPEN TRUCK 1900cc		2007
3	12	75 -80	≥640		POSITIVE LEFT	2	CATERPILLAR EX135 FORKLIFT	FIAT – HITACHI KALMAR	2000
4	12	90 -95	≥700		POSITIVE LEFT	4	FORKLIFT, D30S-3, FORKLIFT DO30G	DAEWOOD DOOSAN	2002 2010
5	12	100 -105	≥760	33,5x17x24	POSITIVE LEFT	6	LOADER 980G LOADER DL200 EXCAVATOR 319D	CATERPILLAR DOOSAN CATERPILLAR	1998 2011 2011
6	12	110	≥800		POSITIVE LEFT	4	TRACKED EXCAVATOR, SPREADER, RAIL LOCOTRACTOR	JCB 3CXCSMAEC IVECO ML180E25 ZEPHIRLOK 10170	2010 2011 2014
7	12	140 -145	≥900			20	STRADDLE CARRIER SWEEPER, ROAD SWEEPER 6000T EXCAVATOR R906 S	KONECRANES SCHMIDT DULEVO LIEBHERR	2008 2017
8	12	180	≥1100		POSITIVE LEFT	20	LOADER 980H STRADDLE CARRIER 4011135-80-T SPREADER	CATERPILLAR SISU DAF	2008 1998 2015
9	12	220	≥1150		POSITIVE RIGHT	14	LOADER HL 780-9	HYUNDAI	2012

10	12	220	≥1150		POSITIVE LEFT	<b>28</b>	STRADDLE CARRIER FRONTLIFT	SISU SISU	KALMAR	1998 1998	2012
----	----	-----	-------	--	---------------	-----------	-------------------------------	--------------	--------	--------------	------

### 3. COMPLIANCE SHEET

<b>S/N</b>	<b>MATERIAL TECHNICAL REQUIREMENTS</b>	<b>REQUIREMENT</b>	<b>DETAILED ANSWER BIDDER</b>
<b>1.</b>			
<b>1.1</b>	<b>General: Technical Specifications</b>		
<b>1.1.1</b>	<i>Allwet/flooded, sealed Acid - Lead batteries shall be new, ready to use i.e. Filled with liquids and charged. The lid will be heat sealed and no water or acid will need to be added. The construction material of the container will be Polypropylene or similar to plastic with equivalent impact resistance.</i>		
<b>1.1.2</b>	<i>The above electrolyte will be a sulphuric acid solution, clear and colourless, in density 1,28 KG/L and temperature 25 C and must not include admixtures exceeding the levels set in Standard DIN 43530 (or equivalent).</i>		
<b>1.1.3</b>	The batteries shall be new and their delivery date to ThPA SA shall not exceed 3 months from the date of manufacture and shall meet the standards as detailed in detail in Par. 3 The candidate Contractor must commit to all of the above in his Technical Bid by submitting a Solemn Declaration.		
<b>1.1.4</b>	The technical bid - Annex A - will state the offered models of batteries and their manufacturer (registered name - address), the rated operating voltage, rated capacity of 20 hours (C20): To be +1(Ah) of the data requested, minimum and maximum starting load ICC cranking current, battery dimensions, terminal positions, manufacturer's technical brochures.		
<b>1.1.5</b>	The placing on the market of batteries is carried out on the condition that the labelling requirements in accordance with no. 41624/2057/E103 Decision of the Ministers of Economy, Competitiveness and Shipping, Environment, Energy and Climate Change are met.		
<b>1.1.6</b>	Every battery will be accompanied by a Safety Data Sheet, which also includes the maximum storage duration.		
<b>1.1.7</b>	Compliance of the requirements of the particularities of articles 3.G & 3.H of Part B, for the specified machines.		

<b>1.2</b>	<b>Delivery - Reception</b>		
<b>1.2.1</b>	<p>The delivery of accumulators will be done in parts to ThPA SA at the Contractor's responsibility and expense within one (1) working day at the latest from the receipt of the written order.</p> <p>The delivery period can, in exceptional circumstances, be extended by up to two (2) working days, upon consent by ThPA SA after a relevant request by the supplier which must be submitted within twelve (12) hours from the order placement.</p>		
<b>1.2.2</b>	All batteries will be delivered either with or without package. In any case, all the necessary data such as the registered name of the manufacturer, the name of the material, the rated voltage, the rated capacity and the year of manufacture and the filling and charging date shall be clearly stated.		
<b>1.3</b>	<b>GUARANTEES</b>		
<b>1.3.1</b>	<p>For the batteries under supply, the supplier will provide a performance warranty of the offered items for as long as the manufacturer states and not less than two (02) years.</p> <p>The start time of the battery warranty is defined as the next day of the date of operation of the Battery in Vehicle or Machine. During the Guarantee period, in case of failure or damage of the battery, the supplier shall replace the product within 2 days from the relevant diagnosis.</p>		

**REMARKS:**

- The above table will be the **main part** of the Technical Bid where the bid will be correlated to **all** the requirements of the Technical Specification.
- Participants will complete and sign the attached Compliance Sheet, which forms an integral part of their technical bid.

**4. FINANCIAL BID**

Of the company.....having its headquarters in (city)..... Street:  
 Postal Code.....with Tax Identification Number..... Public Finance Department  
 Tel.....Fax.....email:

Taking into account the terms of the RFP Prot. No...../2021 of ThPA S.A which we accept in full and unconditionally, we hereby submit the present Financial Bid for the supply of ready to use wet sealed lead batteries against ..... (the total amount numerically and in full) plus VAT according to the price table below.

We commit that if our bid is accepted, we will supply the items described in detail in the above request in accordance with the provisions of this Procurement Compliance Sheet.

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

S/ N	BATTERY DATA					REQUEST ED QUANTIT Y (PCS)	Priceli st price	Discou nt %	Tot al unit pric e	Tot al pric e
	VOLTA GE (v)	NOMINA L CAPACI TY C20 ± 1Ah(EN)	MINIMU M STARTI NG LOAD ≥CCA- EN	DIMENSIO NS LxWxH (mm)	POLE CONFIGURATI ON <input type="text"/>					
1	12	52 -55				4				
2	12	60				4				
3	12	75 -80				2				
4	12	90 -95				4				
5	12	100 - 105				6				
6	12	110				4				
7	12	140 - 145				20				
8	12	180				20				
9	12	220				14				
10	12	220				28				

**B) Discount List**

The following discounts are offered for the other items on the pricelist:

1. ....
2. ....
3. ....
4. ....

**C) Extra discount**

For orders that will be placed after activating the option right, an extra discount will be granted as follows:

1. ....
2. ....
3. ....

..... /..... /2021

THE TENDERER

**(Signature and stamp)**

