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GENERAL NOTICE

NOTICE 1771 OF 1998

SOUTH AFRICAN TELECOMMUNICATIONS REGULATORY AUTHORITY



**INVITATION FOR TENDERS: INSTALLATION OF MONITORING SYSTEM
HARDWARE: SATRA TENDER - ST 0018**

The South African Telecommunications Regulatory Authority (SATRA) hereby calls for tenders for the installation of monitoring system hardware.

MR N.MAREDI

GENERAL MANAGER - SUPPORT SERVICES, SATRA

TENDER SPECIFICATIONS
INSTALLATION OF MONITORING SYSTEM HARDWARE

ST - 0018

CLOSING DATE: 12H00, 28 AUGUST 1998

**SOUTH AFRICAN TELECOMMUNICATIONS REGULATORY
AUTHORITY**

SATRA

AUGUST 1998

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1. TENDER REQUIREMENTS

1.1 Overview

The Frequency Monitoring Department of SATRA will shortly embark on an extensive monitoring system hardware upgrade in parallel with the installation of dedicated Direction Finding Systems. The monitoring software to be installed is a major improvement over the current version being used and incorporates a number of new features as well as correcting various bugs existing in previous versions. The new monitoring software ARGUS, is designed to operate on a Microsoft Windows NT Workstation version 4.0 operating system. In terms of the major changes made to the design of the software itself as well as the additional embedded features, ARGUS requires an extremely high end computer hardware to operate.

At present the system computer controllers and operator consoles are approximately four years old and are by no means capable of utilising NT 4.0 or the ARGUS software. Attached is a minimum specification for the replacement of existing controllers installed in the monitoring system.

2. GENERAL CONDITIONS

- 2.1 The tenderer to complete all forms contained in this specification in their entirety. Failure to comply can invalidate the tenderer proposal.
- 2.2 The tenderer to indicate on a paragraph by paragraph basis that all items offered comply to the specification and that all the other terms are noted and accepted. Should any item not comply or be noted/accepted, the tenderer to indicate the alternative or reason for this.
- 2.3 This tender must be tendered for a single tender.
- 2.4 All equipment and software tendered for must conform to the minimum requirements as set out in section 3 of this document. Any deviations from minimum requirements must be clearly stated and reasons for the deviations must be supplied.
- 2.5 Tenders must be valid for a period of 60 (sixty) days.
- 2.6 Tender documents must be supplied in duplicate (hardcopy) and electronic copy (MS-Word) if possible and must include full technical specifications and manuals where applicable.
- 2.7 Notwithstanding any possible shortcomings in the specifications, tenderers must ensure that the solution offered will form a complete and efficient system.
- 2.8 Requests for any additional information to be supplied by the tenderers must be submitted within 7 (seven) days of this request having taken place. Failure to comply may invalidate the tender.
- 2.9 All costs must be itemized and must be compatible with the payment schedule

and furthermore comply with the conditions of section 8 Supplying a total price only will disqualify a tender.

- 2.10 All equipment and software supplied by the tenderer must be fully guaranteed and maintained at no cost to SATRA for a minimum period of 12 (twelve) months from date of final acceptance by SATRA. During the guarantee period any fault must be rectified within 24 hours of submitting a call.
- 2.11 Tenderers must undertake to remove all installed hardware and software within 7 (seven) days of the receipt of written notification of non compliance with the terms and conditions of the tender specifications and to refund SATRA in full or to bear the cost of replacement of the system as a whole.
- 2.12 The successful tenderer must produce documented evidence from the original author of all branded software products included in the tender, that they are bona fide importer and/or distributor for the Republic of South Africa. The tenderer also warrants that each item of branded software to be supplied will be an original copy approved for sale by the author in the Republic of South Africa.
- 2.13 Tenderers must specify in full their compliance with the tender specifications.
- 2.14 All items tendered for must be commercially available as of the closing date of the tender. Items in Beta phase of development or testing are not considered to be commercially available.
- 2.15 Only new equipment must be tendered for and delivery periods for all items on tender must be specified.
- 2.16 Proper tenders for the items specified shall be submitted. Supplier's price lists will not be considered for acceptance.
- 2.17 Payment for items delivered will be done in accordance with the payment schedule as set out in section 6.
- 2.18 Ownership of the equipment that has been delivered will only pass to SATRA after it has been officially accepted. For that reason the tenderer must, at his own expense, make arrangements for the necessary insurance of the equipment until such date as it has been finally accepted.
- 2.19 All work covered in the tender (including final testing and commissioning) must be completed by 30 September 1998.
- 2.20 The tenderer to confirm in writing that all hardware items offered are capable of operation under Microsoft Windows NT Workstation version 4.0 operating system.
- 2.21 SATRA reserves the right to purchase as many or few of the items offered.
- 2.22 SATRA reserves the right to cancel the tender should no acceptable proposals be received.
- 2.23 Any costs resulting from the preparation of the proposal shall be for the tenderers account. All products to be year 2000 compliant.

3. TENDER INFORMATION

- 3.1 Tenderers must submit relevant information in sufficient detail in order to enable SATRA to make a good assessment of the solution tendered for.
- 3.2 Tenderers must indicate compliance or non compliance on a paragraph by paragraph basis to the general conditions of tender (section 2) and on an item by item basis to the technical specifications (section 8). Should the tenderer fail to indicate this compliance, SATRA will assume that the tenderer is not compliance with the specifications.
- 3.3 SATRA will not be responsible for any costs incurred by the tenderers in preparing and submitting their tenders.
- 3.4 This tender and all information in connection therewith shall be held in strict confidence by tenderers and usage of such information shall be limited to the preparation of the tender. Tenderers shall undertake to limit the number of copies of this document and to destroy them, in the event of their failure to secure the contract.
- 3.5 Tenderers shall complete all the necessary tender forms and undertakings which accompany this tender.
- 3.6 For any further technical details concerning this tender please contact Mr Nicky Maredi, GM: Support Services at telephone (011) 321-8200 during office hours.

4. STATEMENT OF WORK

This statement of work defines the main tasks to be performed in order to fulfill the tender requirements as set out in this document:

- **Equipment installation.** This includes installation of all equipment supplied by the tenderer.
- **Testing must be done after installation of all hardware and software.** Test procedures must be developed beforehand by the successful tenderer and delivered to SATRA for approval. All testing will be done in strict accordance with accepted testing procedures. The successful tenderer will be responsible for supplying of their own equipment for testing of the hardware.
- **Final commissioning and acceptance.** Acceptance procedures will be developed by the successful tenderer. Final acceptance will be done in accordance with these procedures and all acceptance forms will be signed by representatives of SATRA and the tenderer.

5. TENDER PRICES

- 5.1 All costs that are payable by SATRA must be specified in detail by the tenderer.
- 5.2 All credits as a result of buy backs or trade-in of existing equipment to be specified in detail by the tenderer.
- 5.3 All prices and other costs quoted for in this tender must be fixed and valid for a period of sixty days from date of submission.
- 5.4 All prices must include VAT at the current rate.
- 5.5 All prices must be quoted in SA Rands and tenderers must indicate whether the prices are linked to any foreign currency and at what rate of exchange. Tenderers must also indicate what portion of the total cost or price is linked to a foreign currency. Tenderers must use the official exchange rate valid at the advertising date where prices are subject to exchange rate fluctuations.

6. PAYMENT TERMS

Payment by SATRA will be made strictly as follows:

- After delivery and installation of the hardware, inclusive of all cabling and network points, supplied by the tenderer, an amount of 50% of the total cost will be paid.
- A further 30% of the total cost will be paid after full commissioning of the system, provided that the system is fully operational in accordance with the requirement of SATRA and that a certificate of conformance has been issued by a representative of SATRA.
- The final 20% of the total cost will be payable after 3 (three) months of trouble free operation of the system, on full acceptance and on certification by a representative of SATRA.

7. TENDER EVALUATION CRITERIA

The criteria for evaluation of the proposals will assist SATRA in making a fair evaluation of offers, while at the same time implementing Section 2, objectives of the Telecommunications Act. SATRA reserves the right to reject any or all offers.

7.1 Non-Commercial Criteria:

Conformance to technical requirements	30%
Offers by Historically Disadvantaged Individuals, women or companies owned by such.	30%
Time for completion of work	20%

Clear understanding of the overall project requirements as shown by the tenderer's description in their proposal, with no exceptions taken by tenderer.	20%
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7.2 Commercial Criteria

SATRA will select the lowest evaluated cost offer that meets all non-commercial criteria. In evaluating the commercial offers, offers from companies owned by Historically Disadvantaged Individuals and women will receive additional credit. For reasons of fair competition in the market place, the extent of such additional credit will be at the discretion of SATRA and will be considered confidential information.

8. TECHNICAL SPECIFICATION (HARDWARE)

Item	Description	Specification
8.1	Motherboard	ECS (Elitegroup Computer Systems, Taiwan) P6LX-A Boxed Pentium II-300 MHz Processor
8.2	CPU	Intel Pentium II 300 MHz
8.3	Expansion Slots	4 PCI, 3 ISA, 1 AGP
8.4	Cache	512 kB L2 internal cache
8.5	Processor Fan	Ball Bearing
8.6	RAM	64 MB DIMM, ECC, 10 ns
8.7	Ports	2 serial, a parallel + 2 additional serial ports
8.8	Connectors	PS/2 connector for mouse and keyboard
8.9	SCSI Adapter	ON-BOARD
8.10	Hard Disk Drive 1	4 GB SCSI Fixed
8.11	Hard Disk Drive 2	4 GB SCSI Removable
8.12	CD_ROM	32-speed, SCSI
8.13	Floppy Drive	3.5"
8.14	Audio	ON-BOARD
8.15	Graphic Board	ATI EXPERT WORK 4MB, AGP
8.16	Ethernet Card	3 COM 3C900 combo, PCI
8.16	Keyboard	PS/2
8.17	Mouse	PS/2
8.18	Monitor	Please see paragraph 3 below
8.19	Power Supply	220 volts AC, 50 Hz

9. MONITOR (SCREEN)

9.1 The tenderer shall offer six (6) portable ruggedized high solution LCD type screens.

9.2 This screen shall be contained in a suitably hardened packages case of easy transport.

9.3 The screen must operate off 220 volt AC mains supply and incorporate any cable necessary to connect to the controller computer.

10. COMPUTER ENCLOSURE

10.1	Mounting	To be mounted in standard 19 inch rack
10.2	Dimensions	5U x 475mm (max.)
10.3	Shielding	Shall be electromagnetically shielded to military MIL 461B, part 4 specifications.
10.4	Ruggedised	Shall be ruggedised to military specifications to the extent of being immune to vibration and impact associated with mobile environments.
10.5	Cooling	The tenderer to ensure that adequate cooling is provided to ensure continuous operation in a 0° to 50° Celsius environment
10.6	General	Easy removal of the second hard drive (see 8.11) when rack mounted, to be catered for. The enclosure to be capable of being stood upright on its rear with no damage occurring to external connectors in such a position.

11. SOFTWARE

11.1	Operating systems	Microsoft NT Workstation version 4.0, OEM
11.2	Additional	All software, drivers, support software and documentation applicable to all installed hardware to be delivered together with computers.

12. DELIVERY

12.1	Period	Maximum of 4 weeks after receipt of order
12.2	Address	SATRA Block B, Pin Mill Farm 164 Katherine Street SANDTON

13. GUARANTEE

13.1	Hardware	Minimum of 12 months after delivery in Pretoria
13.2	Software	Not Applicable

14. SUPPORT

The tenderer to provide both telephonic and on site technical support in Pretoria for the period of the guarantee. (see section 12)

15. QUANTITIES

The tenderer shall quote for a total of ten (10) computers and the six (6) monitors (see section 8)

16. CONTACT DETAILS

GM: SUPPORT SERVICES DIVISION
PRIVATE BAG X1
MARLBORO
2063

Attention: Nicky Maredi

Tel : (011) 321-8200

Fax : (011) 321-8547

ANNEXURES

South African Telecommunications Regulatory Authority**SATRA****CONTRACTOR CONFIDENTIALITY AGREEMENT**

Between:

**THE SOUTH AFRICAN TELECOMMUNICATIONS REGULATORY
AUTHORITY**

(hereinafter referred to as SATRA)

represented by _____ who warrants that he is duly authorized to
conclude this agreement.

And

(hereinafter referred to as "The Contractor")

WHEREAS SATRA is empowered in terms of the Telecommunications Act,
1996 to enter into contracts in the performance of its responsibilities; and

WHEREAS SATRA has appointed _____ as a
Contractor to provide certain goods and services to SATRA, as contemplated in
the Telecommunications Act; and

WHEREAS both SATRA and the Contractor agree that all information obtained by the Contractor in the course of the provision of the said goods and services remains confidential.

NOW THEREFORE THE PARTIES AGREE AS FOLLOWS:

1.

- (a) The Contractor shall take all reasonable steps to minimize the risk of disclosure of confidential information, by ensuring that only its directors, delegates or employees whose duties will require them to possess any of such information shall have access thereto and that they shall be instructed to treat the same as confidential.
- (b) The foregoing shall not be applicable to the Contractor with respect to disclosures made as required by law or enforceable legal process or by the rules of any regulatory authority having jurisdiction.

- 2. Unless otherwise agreed to in writing by SATRA, the Contractor shall not issue or make any public announcement or statement, whether written or oral, under circumstances where it could reasonably be expected that such statement would be published in any media, or any other disclosure to any third party regarding the goods and services, including, without limitation, any reference to its specifications, terms and conditions, unless

required by law or enforceable legal process or any regulatory authority having jurisdiction over the Contractor in the Republic of South Africa.

3. The Contractor shall not at anytime be relieved of its obligation to maintain confidentiality of information unless and until it is so relieved by SATRA in writing.

SIGNED AT _____ ON THIS _____ DAY OF
_____ 1998

AS WITNESSES:

1.

2.

ON BEHALF OF SATRA
CAPACITY:

SIGNED AT _____ ON THIS _____ DAY OF
_____ 1998

AS WITNESSES:

1.

2.

ON BEHALF OF THE
CONTRACTOR
CAPACITY:

TENDER FORM

1. I/We hereby tender to supply all or any of the supplies and/or to render all or any of the services described in the attached documents to the South African Telecommunications Regulatory Authority (SATRA) on the terms and conditions and in accordance with the specifications stipulated in the tender documents (and which shall be taken as part of, and incorporated into, this tender) at the prices and on the terms regarding time for delivery and/or execution inserted therein.
2. I/We agree that:-
 - (a) the offer herein shall remain binding upon me/us and open for acceptance by SATRA during the validity period indicated and calculated from the closing time of the tender;
 - (b) if I/we withdraw my/our tender within the period for which I/we have agreed that the tender shall remain open for acceptance, or fail to fulfill the contract when called upon to do so, SATRA may, without prejudice to its other rights, agree to the withdrawal of my/our tender or cancel the contract that may have been entered into between me/us and SATRA and I/we will then pay SATRA any additional expense incurred by SATRA having either to accept any less favourable tender, if fresh tenders have to be invited, the additional expenditure incurred by the invitation of fresh tenders and by the subsequent acceptance of any less favourable tender, SATRA shall also have the right to recover such additional expenditure by set-off against moneys which may be due or become due to me/us under this or any other tender or contract or against any guarantee or deposit that may have been furnished by me/us or on my/our behalf for the due fulfillment of this or any other tender or contract and pending the ascertainment of the amount of such additional expenditure to retain such moneys, guarantee or deposit as security for any loss SATRA may sustain by reason of my/our default;
 - (c) if my/our tender is accepted the acceptance may be communicated to me/us by letter or order by ordinary post or registered post and that SA Post Office LTD shall be regarded as my/our agent, and delivery of such acceptance to SA Post LTD shall be treated as delivery to me/us;
 - (d) the law of the Republic of South Africa shall govern the contract created by the acceptance of my/our tender and that I/we choose domicilium citandi et executandi in the Republic at (full address of this place).
3. I/We furthermore confirm that I/we have satisfied myself/ourselves as to the correctness and validity of my/our tender, that the price(s) and rate(s) quoted cover all the work/item(s) specified in the tender documents and that the price(s) and rate(s) cover all my/our obligations under a resulting contract and that I/we accept that any mistakes regarding price(s) and calculations will be at my/our risk.
4. I/We hereby accept full responsibility for the proper execution and fulfillment of all obligations and conditions devolving on me/us under this agreement as the Principal(s) liable for the due fulfillment of this contract.
5. I/We agree that any action arising from this contract may in all respects be instituted against me/us and I/we hereby undertake to satisfy fully any sentence or judgement which may be pronounced against me/us as a result of such action.

6. I/We declare that I/we have participation*/no participation* in the submission of any other offer for the supplies/services described in the attached documents. If in the affirmative, state name(s) of tender(s) involved.

.....
* Delete whichever is not applicable

7. Are you duly authorised to sign the tender?

*YES?NO

8. Has the Declaration of Interest (S 12) been duly completed and included with the other tender forms?

*YES?NO

SIGNATURE(s) OF TENDERER OR ASSIGNEE(s)
DATE:

Capacity and particulars of the authority under which this tender is signed

Name of tenderer

Postal address (In block letters)

Telephone No. (s) (Toll free if applicable):

Facsimile No.:

Tender No.:

Name of contact person (in block letters):

SEE NEXT PAGE FOR IMPORTANT CONDITIONS

NB: Each tender must be submitted in a separate, sealed envelope on which the NAME AND ADDRESS OF THE TENDERER, THE TENDER NUMBER, THE TENDER TITLE AND THE CLOSING DATE must be clearly endorsed. The tender must be addressed and posted to the CHAIRMAN: SATRA, PRIVATE BAG X1, MARLBORO, 2063, so as to reach the destination not later than the closing time or deposited in the tender box Building B, PIN MILL FARM, 164 KATHERINE STREET, SANDTON, 2196, GAUTENG PROVINCE.

IMPORTANT CONDITIONS

1. Failure on the part of the tenderer to sign this tender form (S 8) and thus to acknowledge and accept the conditions in writing or to complete the attached forms, questionnaires and specifications in all respects, may invalidate the tender.
2. Tenders should be submitted on the official forms and should not be qualified by the tenderer's own conditions of tender. Failure to comply with these requirements or to renounce specifically the tenderer's own conditions of tender, when called upon to do so, may invalidate the tender.
3. If any of the conditions on this tender form (S 8) are in conflict with any special conditions, stipulations or provisions incorporated in the tender, such special conditions, stipulations or provisions shall apply.
4. Not used
5. Firm tender prices and delivery periods are preferred. Consequently tenderer shall clearly state whether prices delivery periods will remain firm for the duration of the contract or not.
6. Definitions
 - 6.1 **Equity Ownership:** The percentage beneficial ownership and/or control, exercised by individuals within an enterprise.
 - 6.2 **Historically Disadvantaged Individuals (HDI):** Individuals who, being South African citizens, are socially and economically disadvantaged by the legacy of the South African political dispensation prior to 28 April 1994. For the purpose of the contract, the presumption shall be made that individuals who fall into population groups that had no franchise in national elections prior to the introduction of the 1993 constitution and the tricameral parliamentary system, are Historically Disadvantaged Individuals. Incumbent individuals must demonstrate their claims to fall into such population group on the basis of identification and association with and recognition by the members of such group.
7. **Feasibility Study Consultants or members thereof:** where the study objective may result in a business opportunity, I/We will not be permitted to take part in the follow-on tender, or application, for the resulting business opportunity.

DECLARATION OF INTEREST

1. Any legal person, including persons employed by the State or SATRA, or persons who act on behalf of the State or SATRA or persons having a kinship with persons employed by the State or SATRA, including a blood relationship, may make an offer or offers in terms of this tender invitation. In view of possible allegations of favouritism, should the resulting tender, or part thereof, be awarded to persons employed by the State or SATRA, or to persons who act on behalf of the State or SATRA, or to persons connected with or related to them, it is required that the tenderer or his authorized representative shall declare his position **vis-à-vis** the evaluating authority and/or take an oath declaring his interest, where:-

- ☐ the tenderer is employed by the State or SATRA or acts on behalf of the State or SATRA; and/or
- ☐ the legal person on who's behalf the tender document is signed, has a relationship with persons/a person who are/is involved with the evaluation of the tender(S), or where it is known that such a relationship exists between the person or persons for or on who's behalf the declarant acts and persons who are involved with the evaluation of the tender.

In order to give effect to the above, the following questionnaire shall be completed and submitted with the tender.

2. Are you or any person connected with the tenderer, employed by the State or SATRA?

*YES/NO

2.1 If so, state particulars

.....

.....

3. Do you, or any person connected with the tenderer, have any relationship (family, friend, other) with a person employed in the department concerned or with the State Tender Board or SATRA or their Administrations and who may be involved with the evaluation or adjudication of this tender?

*YES/NO

3.1 If so, state particulars

.....

.....

4. Are you, or any person connected with the tenderer, aware of any relationship (family, friend, other) between the tenderer and any person employed by the department Concerned, State Tender Board or SATRA, or their administrations, who may be involved with the evaluation or adjudication of this tender?

*YES/NO

4.1 If so, state particulars

.....
.....

.....
SIGNATURE OF DECLARANT

.....
TENDER NUMBER

.....
DATE

.....
POSITION OF DECLARANT

.....
NAME OF COMPANY OR TENDERER

- Delete whichever is not applicable



LET YOUR MOUSE DO THE WALKING

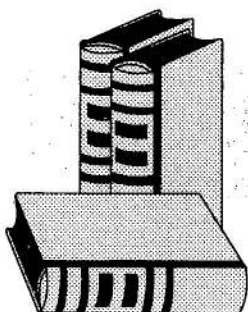
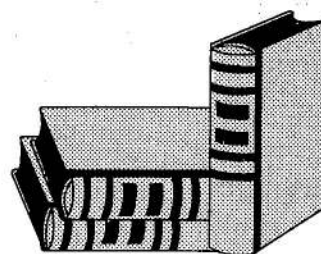
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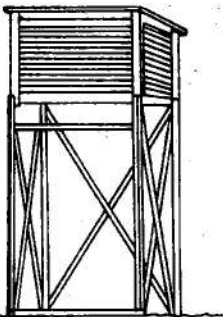
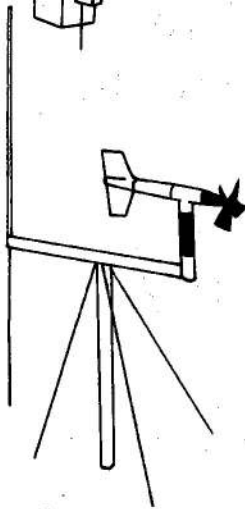
Where is the largest amount of meteorological information in the whole of South Africa available?



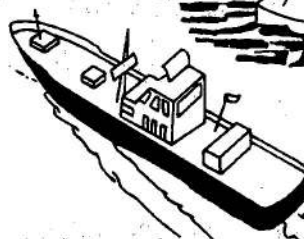
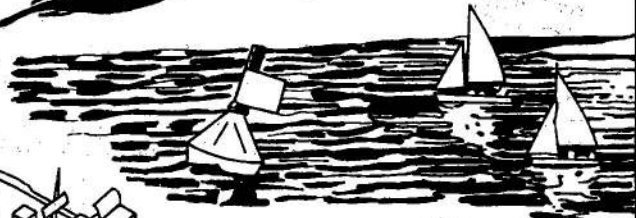
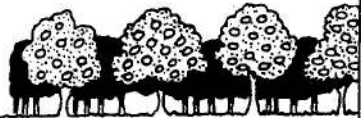
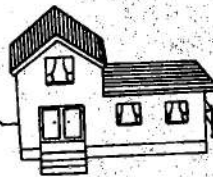
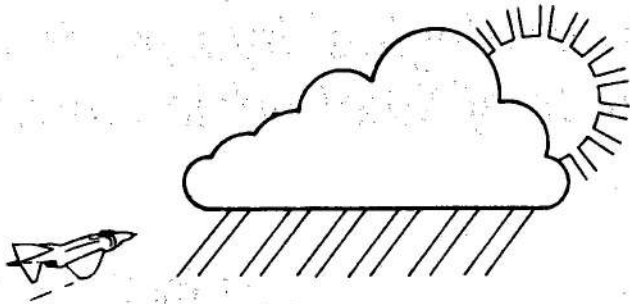
Waar is die meeste weerkundige inligting in die hele Suid-Afrika beskikbaar?

Department of Environmental Affairs and Tourism
Departement van Omgewingsake en Toerisme

SA WEATHER BUREAU SA WEERBURO



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