

RA TELECOM LTDA
INSTALAÇÃO * MANUTENÇÃO * LOCAÇÃO
Rua Quedas, 264 – Vila Isolina Mazzei – São Paulo - SP
CNPJ: 10.312.101/0001-51 – **INSC. EST.:** 148.279.140.116 – **INSC. MUN:** 3.803.618-5
Fone: (0xx11) 3322-9349 **E-mail:** ratelecom@ratelecom.com.br

À
PROCURADORIA-GERAL DE JUSTIÇA DO MARANHÃO
PREGÃO ELETRÔNICO Nº 33/2022 – SRP
PROCESSO ADMINISTRATIVO Nº 16852/2022

PROPOSTA DE PREÇOS

A empresa **RA TELECOM LTDA**, inscrita no CNPJ/MF sob o nº 10.312.101/0001-51, Inscrição Estadual nº 148.279.140.116, Inscrição Municipal nº 3.803.618-5, com sede na Rua Quedas, nº 264, Vila Isolina Mazzei, São Paulo/SP, CEP: 02.082-030 telefone (11) 3322-9341, e-mail: ratelecom@ratelecom.com.br – Banco Brasil – Agência 386-7 – Conta Corrente 102696-8, através da sua representante legal infra-assinado, a Sra. **Vanessa Pereira de Freitas**, portadora da Cédula de Identidade RG. nº 29.678.960-4, inscrita no CPF/MF sob o nº 338.580.138-97, propõe fornecer o objeto licitado, nos preços e condições que seguem:

ITEM	DESCRIÇÃO	U.F.	QUANT.	MARCA / MODELO	VALOR UNITÁRIO	VALOR TOTAL
2	Aparelho telefônico digital na cor branca, com funções multifuncionais, com no mínimo 20 teclas, com viva voz, para funcionar como ramal na central telefônica MD110 Digital, de fabricação ERICSSON. Assistência técnica autorizada, preferencialmente, em São Luís/MA. Com garantia mínima de 12 meses. <i>(Ampla concorrência).</i>	UND	38	ERICSSON - AASTRA - MITEL / DIALOG 4222	R\$ 1.200,00	R\$ 45.600,00
						R\$ 45.600,00

VALOR TOTAL POR EXTENSO: R\$ 45.600,00 (Quarenta e cinco mil e seiscentos reais)

O prazo de validade da presente proposta será de 60 (sessenta) dias, contados da data de abertura da sessão pública estabelecida no preâmbulo deste Edital.

Assistência técnica autorizada: Rua Nunes Freire, 112, Jardim São Cristovão II, São Luiz/MA - CEP: 65.055-390

Nos valores propostos estão inclusos todos os custos operacionais, encargos previdenciários, trabalhistas, tributários, comerciais e quaisquer outros que incidam direta ou indiretamente no fornecimento dos bens.

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São Paulo, 13 de dezembro de 2022.



RA TELECOM LTDA

CNPJ: 10.312.101/0001-51

Vanessa Pereira de Freitas

Procuradora

RG: 29.678.960-4

Aastra Dialog 4200

Digital Telephones

Aastra's Dialog 4200 series of digital telephones combines excellent sound quality with superior ergonomics and outstanding features. In addition, users benefit from advanced technical implementations such as built-in acoustic shock protection and hearing-impaired support.

Digital telephones have from the start been developed as an integral part of Aastra's communication systems. The functionality of these telephones has grown in parallel with the development of the call servers. Today the digital telephones are fundamental components in the creation and the delivery of telephony services to users within the organization, as well as to users outside of the organization. Through deployment of digital telephones in combination with the Aastra call server, the full power of Aastra's communications server can be achieved. As users have different jobs and thereby different communication needs, Aastra provides a range of telephones in order to match demands on functionality, size, price and design. No matter which telephone you choose, the Aastra design assures high quality and top performance.

Models

- ✦ Dialog 4220 Lite
- ✦ Dialog 4222 Office *)
- ✦ Dialog 4223 Professional *)
- ✦ Dialog 4224 Operator
- ✦ Dialog 4225 IP Vision *)

*) Supports extra key panel

Highlights

- ✦ Support for all major voice compression codecs for bandwidth saving
- ✦ Elegant design and superior ergonomics
- ✦ Compliance with environmental standards
- ✦ Easy operation and maintenance
- ✦ Firmware upgradable from the PBX enabling upgrade of new functionality
- ✦ User mobility (free seating)
- ✦ Support for Aastra MX-ONE, BusinessPhone and MD Evolution telephony systems
- ✦ Speaker for monitoring calls and listening to telephony services (for example, interactive voice systems, news and weather forecasts)
- ✦ Equipped with hearing aid support and acoustic shock protection
- ✦ Powered by the telephone line, no need for additional power adapters
- ✦ Compliant with the EU directive for RoHS (Restriction of Hazardous Substances)



Aastra Dialog 4220 – Lite

This compact, cost-effective model offers all basic functions for office communication needs. The Dialog 4220 Lite is especially designed for users who want traditional telephone functions with good voice quality. It is a robust convenient phone, well-suited for visitor or service areas. Like all other Dialog 4000 phones, it can be wall-mounted and features a loudspeaker for voice monitoring.

Aastra Dialog 4222 - Office

The Dialog 4222 Office is a desktop telephone with full functionality for office communication needs. It is user-friendly and equipped with a hands-free speaking function, as well as an integrated headset port and a dedicated headset key. The telephone features a graphical two-row display for relevant information such as the called or calling party's extension number and the time and date. With its "landing gear struts", users can adjust the phone to different lightning situations. Programmable keys enable fast access to specific numbers or services.



Dialog 4220 - Lite



Dialog 4222 - Office

Aastra Dialog 4223 – Professional



Dialog 4223 - Professional

This multi-featured model supports advanced system functions for professional users. The Dialog 4223 Professional is ideal for administrative workers and busy office users. With its "landing gear struts" and a three-row graphical display, users can adjust the phone for all environments and lightning

situations. Using soft keys, users can easily access the display menu with a number of system features such as a phone book, call list, diversion, absence reason etc. Programmable keys enable a fast access to specific numbers or services. A high quality, hands-free speaking function offering full duplex and Acoustic Echo Cancelling (AEC) makes this phone well-suited for telephone meetings. A headset can be connected directly to the integrated headset port. Toggling between the handset and the headset is controlled by a dedicated key.

Aastra Dialog 4224 – Operator

The Dialog 4224 Operator* terminal is a compact and cost-effective alternative for smaller organizations, such as departments or small remote offices. The terminal has the same size as the Dialog 4225 digital telephone with a large, six-row graphical backlit display and a conventional numeric keypad. The keys that are most frequently used have been enlarged. Ergonomic design combined with advanced operator functionality makes this terminal the perfect choice for the small office.

*) Not available for the MD Evolution communications system



Dialog 4224 -Operator

Aastra Dialog 4225 – Vision

This multi-featured, top-of-the-line model supports advanced system functions. The Dialog 4225 Vision is ideal for demanding and executive office usage. Compared to the Dialog 4223, this telephone features 10 extra programmable keys and a larger, six-row, backlit graphical display with three navigation keys and four soft keys. Using the navigation keys in combination with soft keys, users can easily access a display menu with a number of system features such as phone book, call list, diversion, absence reason etc. The high quality hands-free speaking function offering full duplex and Acoustic Echo Cancelling (AEC) makes this phone very well-suited for telephone meetings, as well as for conference calls in small meeting rooms. Headset can be connected directly to the integrated headset port.



Dialog 4225 - Vision

Telephone Features and Dimensions

	4220 Lite	4222 Office	4223 Professional	4225 Vision	4224 Operator
Dimensions					
Dimensions (H x W x L) mm	102 x 159 x 231	102 x 159 x 213	102 x 204 x 231	102 x 240 x 234	102 x 240 x 234
Weight (gram)	627	670	837	978	978
Feature					
Graphical display (pixels)	-	128 x 25	240 x 39	320 x 80	320 x 80
Tiltable display	-	-	•	•	•
Backlit display	-	-	-	•	•
Programmable keys	5	5	7	17	-
LED's	12	13	13	23	19
Navigation keys	-	-	-	3	-
Soft keys	-	-	4	4	-
Line access keys	2	2	2	2	-
Inquiry key	1	1	1	1	-
Transfer key	•	•	-	-	-
Clear function key	•	•	•	•	•
Hearing impaired support with amplification (+6 dB)	•	•	•	•	•
Message waiting indicator	•	•	•	•	-
Mute function	•	•	•	•	•
Loudspeaker	•	•	•	•	-
Hands-free speaking	-	•	•	•	-
Headset port and key	-	•	•	•	•
Connection for extra key panel	-	1	4	4	-
Volume control	•	•	•	•	•
Programmable ringer, volume and tone character	•	•	•	•	•
Option unit connection	-	•	•	•	•
Adjustable console base	•	•	•	•	•
Wall-mountable	•	•	•	•	•

Ring Tones

10 levels (maximum volume > 72 dBA) and 10 different tones. Melodies are programmable (Note: Dialog 4220 does not feature melodies).

Colors

Dialog 4220, 4222, 4223, 4225 and key panels are available in light or dark gray color. Dialog 4224 Operator is available only in light gray.

Power Consumption

Typical value, including power consumption for the necessary part of the telephony system (230 V, 75 % efficiency):

✦ Dialog 4220	0.50 W
✦ Dialog 4222	0.78 W
✦ Dialog 4223	0.80 W
✦ Dialog 4225/4224	1.18 W
✦ Key Panel Unit	0.03 W
✦ Option Unit	0.05 W

Line Network

- ✦ 2-wire connection
- ✦ Maximum line length 1000 m with cable type EKKX 2 x 0.5 mm

Environmental Ranges

Operational

- ✦ Temperature +5 to +45 °C
- ✦ Relative humidity 10 to 95 %

Storage

- ✦ Temperature -10 to +55 °C
- ✦ Relative humidity 10 to 95 %

Highlights of System - Dependent Telephone Features

Features	4220 Lite	4222 Office	4223 Professional	4225 Vision
Absence reason	Procedure	Procedure	Soft key	Soft key
Account code	Procedure	Procedure	Soft key	Soft key
Automatic Callback	Programmable key	Programmable key	Soft key	Soft key
Caller ID	-	Yes	Yes	Yes
Call list / Name and number	-	No	Yes	Yes
Call pickup, individual	Digit code	Digit code	Soft key	Soft key
Call timer	-	No	Yes	Yes
Call waiting	Digit code	Digit code	Soft key	Soft key
Charging information	-	No	Yes	Yes
Choice of language	-	Procedure	Procedure	Procedure
Clock and calendar	-	Yes	Yes	Yes
Conferencing	Digit code	Digit code	Soft key	Soft key
Dial by name (phone book)	No	No	Yes	Yes
Diversion	Programmable key	Programmable key	Soft key	Soft key
Follow-me (external)	Programmable key or procedure	Programmable key or procedure	Soft key	Soft key
Follow-me (internal)	Programmable key or procedure	Programmable key or procedure	Absence reason	Absence reason
Free seating	Procedure	Procedure	Procedure	Procedure
Inquiry	Telephone key	Telephone key	Telephone key	Telephone key
Intrusion	Procedure	Procedure	Soft key	Soft key
Last external number redial	Procedure	Procedure	Soft key	Soft key
Manual message waiting	Programmable key	Programmable key	Programmable key	Programmable key
Message waiting	Programmable key	Programmable key	Programmable key	Programmable key
Name identity	-	Yes	Yes	Yes
Parallel ringing	Yes	Yes	Yes	Yes
Personal number profile	Procedure	Procedure	Soft key	Soft key
Refer back	Telephone key	Telephone key	Telephone key	Telephone key
Save external number	Programmable key	Programmable key	Programmable key	Programmable key
Secretary functions	Programmable key	Programmable key	Programmable key	Programmable key
Transfer a call	Telephone key	Telephone key	Soft key	Soft key

Accessories

- * Key panel with 17 extra programmable keys and associated LED's
- * Optional unit with support for busy signal or external signal/bell
- * Line cords

Hearing Aid Support

- * ITU-T P.370 (8/96) and 47 CFR Part 68

Acoustic Shock Protection

- * ETS 300 245-2

Voice Transmission

- * ETSI TBR8

Regulatory Compliance

- * EU/EFTA: R & TTE directive 1999/S/EC
- * US: FCC part 15 and 68
- * AU: AS/NZS 3548: 1995, CISPR 22:2002
- * ACA TS 001: 1997, AS/ACIF S004:2001