

80f tLx/2 wa  
813492 zowar pl  
svp francja paris 13 e nr 25838f  
momv25838+  
trtparis 25838f  
052 1331  
813492 zowar pl  
df ga  
f-ma t.r.t.  
data processing and transmission department.

god. 14<sup>30</sup> - 14<sup>32</sup>

dear sir.

as we know from cicop you offer many kind of modems.  
we are interested to buy some of them as below:

1. sematrans 201 - 200 bauds
2. - ' - 1203 - 600/1200 bauds

ussing synchronous communication.

3. sematrans 4802 - 4800 bauds

and some modems on a 2400 bauds speed.

we would like to buy the sematest too, for a lines and modems testing. we ask you to send us more precise informations about listed equipment. and the others goods wich are connected with data transmission. we are waiting for informations about prices, conditions of delivary and so on.

be so kind and send it us as soon as possible.

our address:

zowar warsaw  
sniadeckich str. 8  
telex 81 34 92

Best regards  
mr. w .faldyga  
t.p. servis

warsaw feb. 2v

trtparis 25838f  
813492 zowar pl

68/73



567,853  
 85,080  
 12,560  
 135,100  
 6,324  
 13,560  
 94,280  
 26,575  
43,490  
 24,125  
 10,374  
 8,508  
 9,270  
 40,515  
 4,309  
 10,520  
 7,357  
 12,015  
 5,897  
 9,206  
          

11,479  
 2,006  
 11,244  
24,729

Renew:  
 26,500,000



P28

v

813492 zowar pl  
5215780 decg d

please forward the following telex to messrs. zowar,  
warsaw poland, telex no 813492

attention: mr. w. bellen - tp division

subject: your telex inquiry of febr. 7, 1973  
13.2.1973

:

dear sirs:

many thanks for your inquiry mentioned above, but we regret  
to inform you that the peripherals desired are not in our  
production program. if you have further inquiries, please  
do not hesitate to contact us in our vienna office. letter  
follows.

best regards

r.schwertner

digital equipment corporation vienna

813492 zowar pl  
5215780 decg d

62/78



ok fin

*PS - Bellen  
Picture  
on the device*

813492 zowar pl  
cossor harlow  
cossor

81228

12.2.73

to mr w bellen tp division =

the equipment that we will eventually offer to satisfy your requirements as outlined in your telex will be the pts 100 programmable terminal system which by software can be made to emulate any required terminal peripheral.

we do not however at this time have the appropriate software to emulate the peripherals mentioned and cannot therefore propose equipment to satisfy this requirement.

sorry we cannot help for this project but please contact us when you have further requirements

regards =

d wanless cossor +++

end of call ++

813492 zowar pl  
cossor harlow

*54/172*



80x tLx wa  
813492 zowar pl  
svp austria wieden nr 759 eee 75391

9006.8-22-8-28

mom  
75391a roece a  
813492 zowar pl df ga

for attn. mrs scheidl

concerning to our talks i send you a schedule of our meetings:

*Wf* . tuesday 13 february

mr.bankowski zimorowicza street  
between 9.30 - 12.30  
mr.staniszkis boya street 13.00 - 15.00

*Sr* . wednesday 14 february

*930*  
mrs.szereda zimorowicza street 9.00 - 11.00  
(a specially csm)  
mr.staniszkis boya street 11.30 - 15.00

*crw* . thursday 15 february

mr.koszewski boya street 9.00 - 14.00  
(with machine time)

*piet* . friday 16 february

mr.staniszkis boya street  
(probably evening)

. all other problems we fixed in our place

best regards  
w.bellen  
zowar

warsaw, febr. 7, 1973

75391a roece a  
813492 zowar pl

307/73



momomt  
813492 zowar pl

tec inc ouc  
ok df ga

g40 g43

u r g e n t

dear sir

could you prepare the invoice for the units as follows:

- 7 terminals which are compatible to data communication system ibm 2770
- 2 terminals compatible to information display system 3270 (display 3275/2 and line printer 3284/3 only)
- 6 communication terminals compatible to ibm 2740 model2
- graphic terminal with light pen compatible to ibm 2250
- modems (full or half duplex) 600 bps for transmission between 2740 ibm terminals and system 360/50 according to ccitt recommendations
- modems for transmission between 2770 ibm system and dp ibm 360/50 system for two speeds 1200 and 2400 bps acc. to ccitt recommendations

remarks:

- all the units must work in ebcidic code and be compatible to ibm 360/50 dp system
- if you can solve this matter we can sign on contract in march delivery in 9 months. this is important for us.
- please give us the answer as quick as you can. our address: zowar warsaw, poland. telex nr 813492

best regards  
tp division



best regards  
tp division

w.bellen

38/73

warsaw, febr., 7, 1973

585310

813492 zowar pl

- modems for transmission between 2110 IBM system and 2602/26 system
- modems (full or half duplex) 300 bps for transmission according to ccitt recommendations between 2110 IBM terminals and system 2602/26 according to ccitt recommendations
- graphic terminal with light pen compatible to IBM 2250
- communication terminals compatible to IBM 2110 models (display 2622/2 and line printer 2684/2 only)
- 2 terminals compatible to information display system 2610
- 1 terminal which are compatible to data communication system IBM 2110

could you prepare the invoice for the units as follows:

dear sir

u r g e n t

ok of ag  
tec inc onc

813492 zowar pl  
mowomf

Handwritten signature or initials



Q20-Q23

80e tlx wa  
813492 zowar pl  
svp england nr 263269  
mom  
standata barnet  
813492 zowar pl df ga

u r g e n t

dear sir

could you prepare the invoice for the units as follows:

- 7 terminals which are compatible to data communication system ibm 2770
- 2 terminals compatible to information display system 3270 (display 3275/2 and line printer 3284/3 only)
- 6 communication terminals compatible to ibm 2740 model 2
- graphic terminal with light pen compatible to ibm 2250
- modems (full or half duplex) 600 bps for transmission between 2740 ibm terminals and system 360/50 according to ccitt recommendations
- modems for transmission between 2770 ibm system and dp ibm 360/50 system for two speeds 1200 and 2400 bps acc. to ccitt recommendations

remarks:

- all the units must work in ebcdic code and be compatible to ibm 360/50 dp system



. if you can solve this matter we can sign on contract in  
march delivery in 9 months. this is important for us.

. please give us the anlsver as quick as you can. our address:  
zowar warsaw, poland. telex nr 813492

best regards  
tp division

w.bellen

warsaw, febr., 7, 1973

38/73

standata barnet  
813492 zowar pl

- 2 terminals compatible to information display system 2510
- 1 terminal which are compatible to data communication system 5110

could you prepare the invoice for the units as follows:

dear sir

n r g e n t

813492 zowar pl of ga  
standata barnet  
mom  
svb england nr 25252  
813492 zowar pl  
808 tix wa

050-052



L

80g tlx wa  
813492 zowar pl  
svp genewa szwajcaria nr 22683  
momg  
22683a dec ch  
813492 zowar pl df ga

916 - 918

u r g e n t

dear sir

could you prepare the invoice for the units as follows:

- 7 terminals which are compatible to data communication system ibm 2770
- 2 terminals compatible to information display system 3270 (display 3275/2 and line printer 3284/3 only)
- 6 communication terminals compatible to ibm 2740 model 2
- graphic terminal with light pen compatible to ibm 2250
- modems (full or half duplex) 600 bps for transmission between 2740 ibm terminals and system 360/50 according to ccitt recommendations
- modems for transmission between 2770 ibm system and dp ibm 360/50 system for two speeds 1200 and 2400 bps acc. to ccitt recommendations

remarks:

- all the units must work in ebcdic code and be compatible to ibm 360/50 dp system



- if you can solve this matter we can sign on contract in march delivery in 9 months. this is important for us.
- please give us the answer as quick as you can. our address: zowar warsaw, poland. telex nr 813492

best regards  
tp division

w.bellen

warsaw, febr., 7, 1973

38/73

22683a dec ch  
813492 zowar pl

- 2 terminals compatible to information display system 5110
- 1 terminal which are compatible to data communication system 5110

could you prepare the invoice for the units as follows:

best regards

w. bellen

813492 zowar pl  
22683a dec ch  
w. bellen  
813492 zowar pl  
809 jlt wa

010 - 010



t  
80g tlx/2 wa  
813492 zowar pl  
svp se sweden stockholm nr 113330  
eeeeee  
svp sweden stockholm nr 11330

912-915

mom

11330 datamet s  
813492 zowar pl df ga

u r g e n t

dear sir

could you prepare the invoice for the units as follows:

- 7 terminals which are compatible to data communication system ibm 2770
- 2 terminals compatible to information display system 3270 (display 3275/2 and Line printer 3284/3 only)
- 6 communication terminals compatible to ibm 2740 model 2
- graphic terminal with light pen compatible to ibm 2250
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- modems for transmission between 2770 ibm system and dp ibm 360/50 system for two speeds 1200 and 2400 bps acc. to ccitt recommendations

remarks:

- all the units must work in ebcidic code and be compatible to ibm 360/50 dp system



. if you can solve this matter we can sign on contract in march delivery in 9 months. this is important for us.

. please give us the answer as quick as you can. our address: zowar warsaw, poland. telex nr 813492

best regards  
tp division

w.bellen

warsaw, febr., 7, 1973

38/73

11330 datamet s  
813492 zowar pl

system tm 5110

. 7 terminals which are compatible to data communication

could you prepare the invoice for the units as follows:

dear sir

u r g e n t

813492 zowar pl of as

11330 datamet s

now

svb sweden stockholm nr 11330

eeeeee

svb se sweden stockholm nr 11330

813492 zowar pl

808 fax\5 wa

f

38-73



80i tlx/2 wa  
813492 zowar pl  
svp atvitaber sweden nr 5574

g05 - g08

mom  
5574 facit s  
813492 zowar pl df ga

mr.alf v. laskowski

u r g e n t

dear sir

could you prepare the invoice for the units as follows:

- . 7 terminals which are compatible to data communication system ibm 2770
- . 2 terminals compatible to information display system 3270 (display 3275/2 and line printer 3284/3 only)
- . 6 communication terminals compatible to ibm 2740 model 2
- . graphic terminal with light pen compatible to ibm 2250
- . modems (full or half duplex) 600 bps for transmission between 2740 ibm terminals and system 360/50 according to ccitt recommendations
- . modems for transmission between 2770 ibm system and dp ibm 360/50 system for two speeds 1200 and 2400 bps acc. to ccitt recommendations

remarks:

- . all the units must work in ebcdic code and be compatible to ibm 360/50 dp system



• if you can solve this matter we can sign on contract in march delivery in 9 months. this is important for us.

• please give us the answer as quick as you can. our address:  
zowar warsaw, poland. telex nr 813492

best regards  
tp division

w.bellen

warsaw, febr., 7, 1973

5574 facit s  
813492 zowar pl

38/73

• 5 terminals compatible to information display system 2570

system 2570

• 7 terminals which are compatible to data communication

could you prepare the invoice for the units as follows:

dear sir

u r g e n t

mr. al. v. laskowski

813492 zowar pl of as

2274 facit s

mom

2274 nr sweden 2570

813492 zowar pl

aw 2570

202-208



80s tlx/2 wa  
813492 zowar pl  
svp ex  
svp essex england nr 81228  
mom

g<sup>01</sup> - g<sup>04</sup>

coscor harlow  
813492 zowar pl df ga

u r g e n t

dear sir

could you prepare the invoice for the units as follows:

- 7 terminals which are compatible to data communication system ibm 2770
- 2 terminals compatible to information display system 3270 (display 3275/2 and line printer 3284/3 only)
- 6 communication terminals compatible to ibm 2740 model 2
- graphic terminal with light pen compatible to ibm 2250
- modems (full or half duplex) 600 bps for transmission between 2740 ibm terminals and system 360/50 according to ccitt recommendations
- modems for transmission between 2770 ibm system and dp ibm 360/50 system for two speeds 1200 and 2400 bps acc. to ccitt recommendations

remarks:



- all the units must work in ebcidic code and be compatible to ibm 360/50 dp system
- if you can solve this matter we can sign on contract in march delivery in 9 months. this is important for us.
- please give us the answer as quick as you can. our address: zowar warsaw, poland. telex nr 813492

best regards  
tp division

w.bellen

warsaw, febr., 7, 1973

coscor harlow  
813492 zowar pl

38/73

dear sir

u r g e n t

813492 zowar pl dt ga  
coscor harlow

mom  
svb essex england nr 81358  
svb ex  
813492 zowar pl  
808 tlx\5 ms

307 - 307



80y tlx wa  
813492 zowar pl  
svp nrf menden k/bonn 8881969  
mom  
8881969 mds d  
813492 zowar pl  
df ga

855-858

mr.h.k.breakow

u r g e n t

dear sir

could you prepare the invoice for the units as follows:

- 7 terminals which are compatible to data communication system ibm 2770
- 2 terminals compatible to information display system 3270 (display 3275/2 and line printer 3284/3 only)
- 6 communication terminals compatible to ibm 2740 model 2
- graphic terminal with light pen compatible to ibm 2250
- modems (full or half duplex) 600 bps for transmission between 2740 ibm terminals and system 360/50 according to ccitt recommendations
- modems for transmission between 2770 ibm system and dp ibm 360/50 system for two speeds 1200 and 2400 bps acc. to ccitt recommendations

remarks:

- all the units must work in ebcidic code and be compatible to ibm 360/50 dp system
- if you can solve this matter we can sign on contract in march delivery in 9 months. this is important for us.
- please give us the answer as quick as you can. our address: zowar warsaw, poland. telex nr 813492



best regards  
tp division

w.bellen

warsaw, febr., 7, 1973

3 8/73

8881969 mds d  
813492 zowar pl

- bra mds system for two speeds 1200 and 2400 bps and 0015 baud rate not suitable for transmission
- recommendations between 2400 bps terminals and system 2400 according to modems (full or half duplex) 2400 bps for transmission
- graphic terminal with light pen compatible to 2400 bps
- communication terminals compatible to 2400 bps modems
- 2 terminals compatible to information display system 2400 (display 2400 and line printer 2400 only)
- 7 terminals which are compatible to data communication system 2400

could you prepare the invoice for the units as follows:

dear sir

u r g e n t

mr.p.k.pleskow

at 8a

813492 zowar pl

8881969 mds d

wow

813492 zowar pl

813492 zowar pl

804 11x wa

822-828



ZAMÓWIENIA  
TP

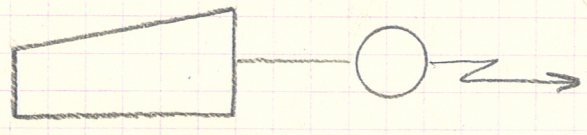


II ETAP  
**ZAMOWIENIA**

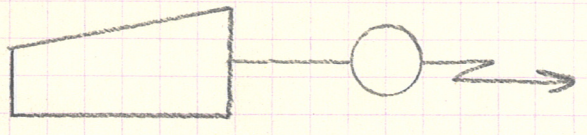
MPC



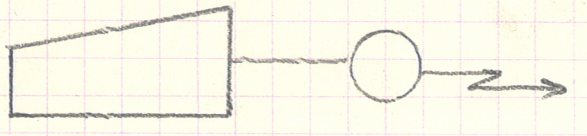
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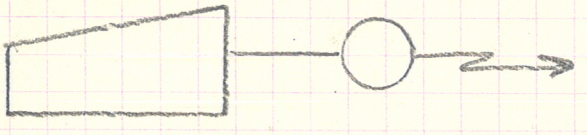
MPR: S  
 ROZNY I SKUP



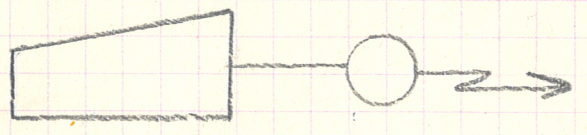
MPCM



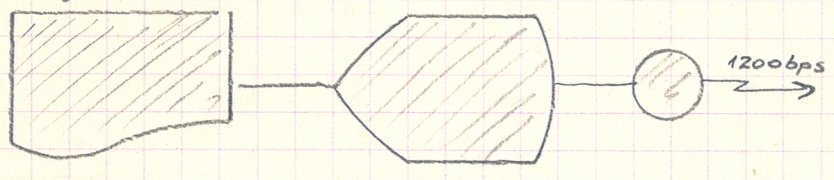
MPM



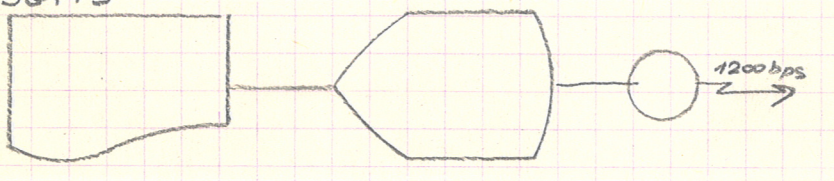
MG: E



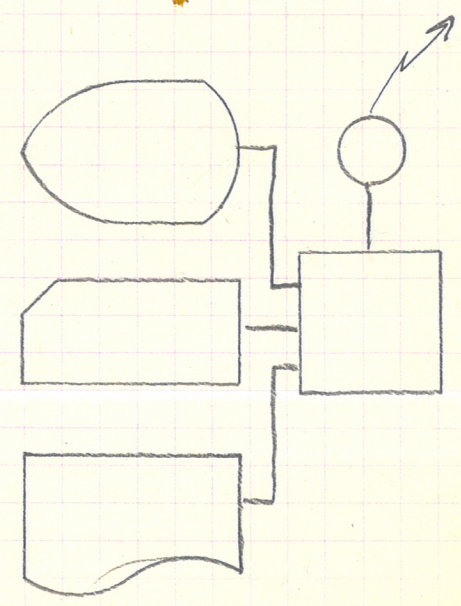
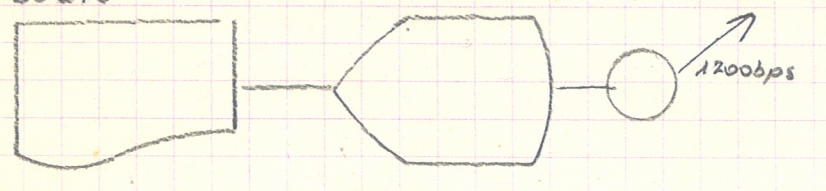
Komisja Plenarna



SGPiS



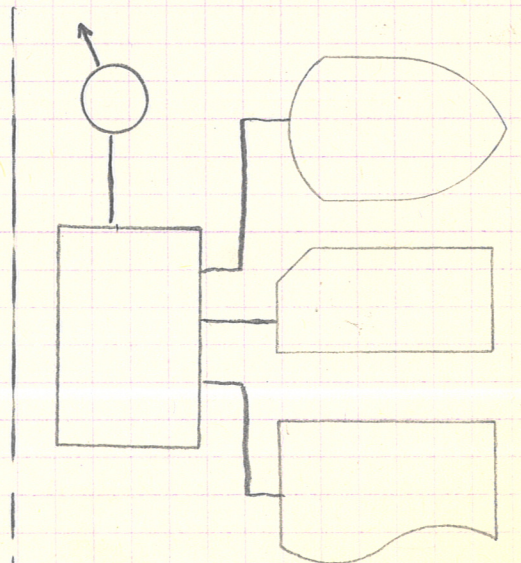
SOETO



ZETO GDANSK

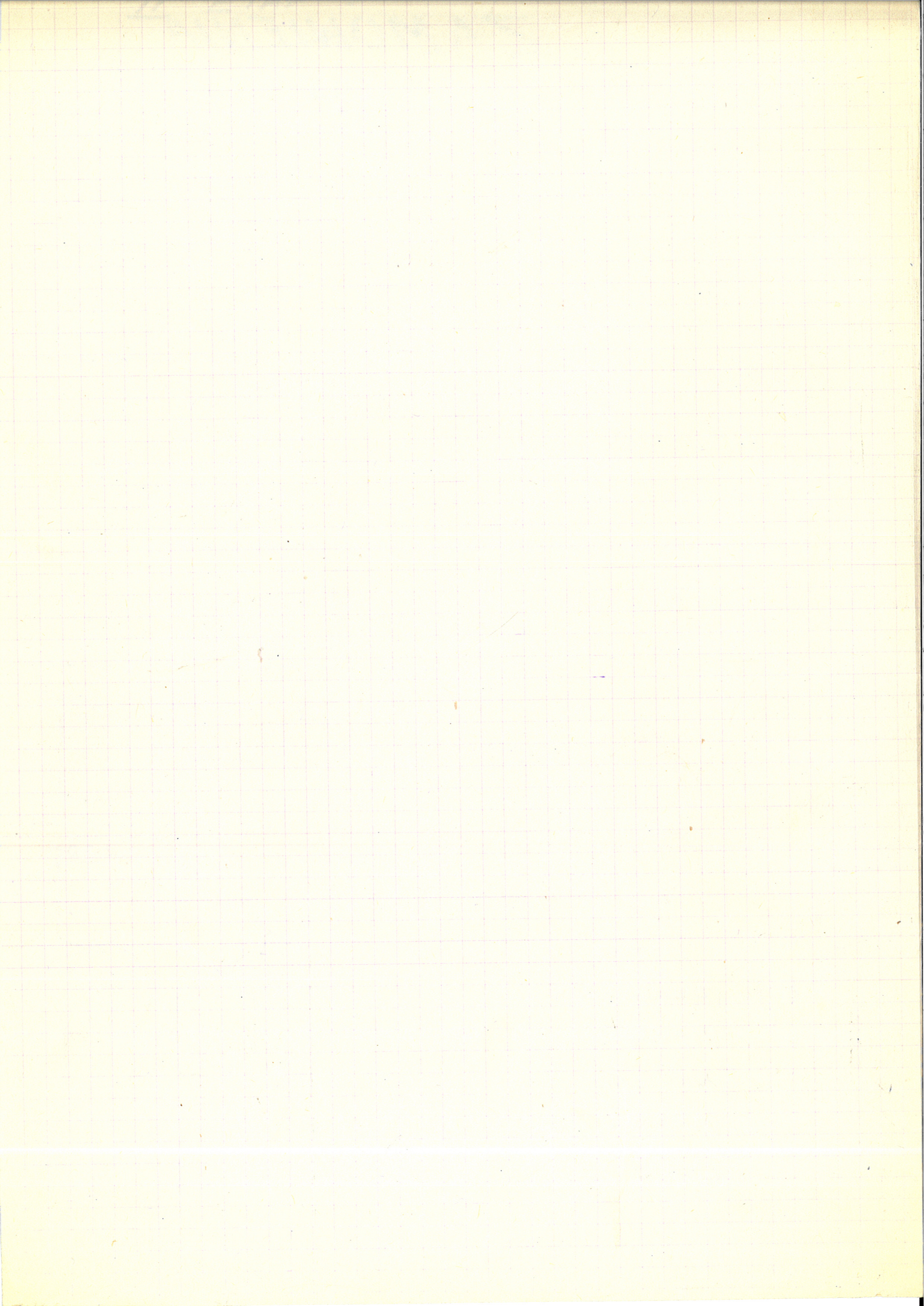


ZETO BYDGOSZCZ  
KATOWICE  
NROCŁAN  
KRAKÓW  
ŁÓDŹ

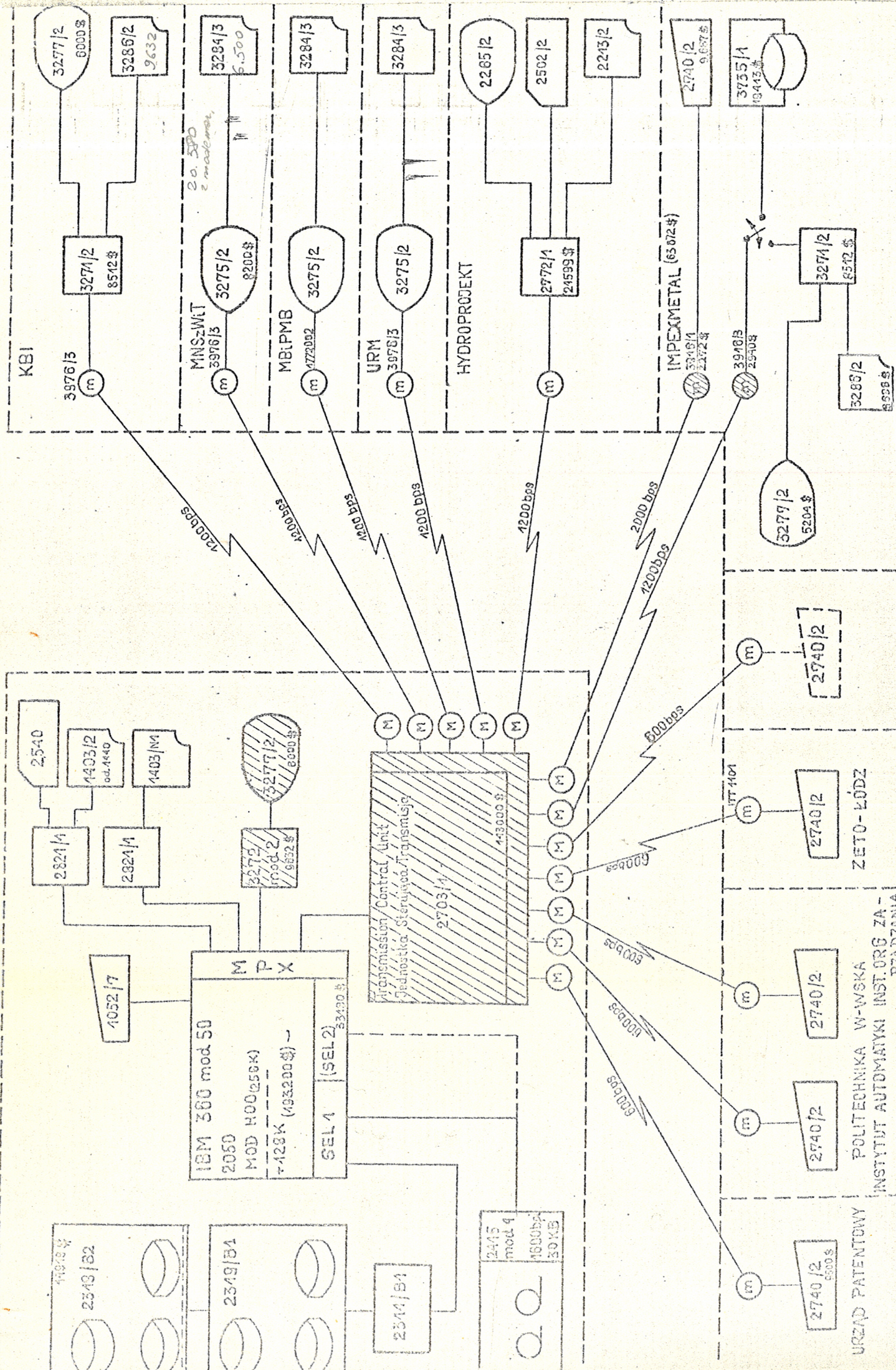


ZETO SZCZECIN









URZĄD PATENTOWY  
 POLITECHNIKA W-WSKA  
 INSTYTUT AUTOMATYKI INST.ORG ZA -  
 RZĄDZANIA

ZETO-KÓDZ



1. MOHAWK DATA SYSTEM - 8881969  
Mr. H.K. BREAKOW (N.R.F.) MENDEN K/BONN

2. DATA SYSTEM DIVISION - 81228  
ESSEX, ENGLAND

~~3. COURIER Terminal Systems Inc.  
Phoenix Arizona USA 85039~~

3. FACIT - 5574  
Mr. Alf V. Laskowski  
SWEDEN (STOCKHOLM)

4. HAZELTINE CORP. - 11330  
SWEDEN (STOCKHOLM)

5. A British Company of ITT - 263269

6. Digital Equipment Corp. International - 22683  
GENEVE

7. T.E.C. INC. - 910-952-1377  
USA ARIZONA







IBM

6 x 2740

$$\begin{array}{r} 14.500 \\ 6 \\ \hline 87.000 \end{array}$$

7 x 2770

$$\begin{array}{r} 46.000 \\ 7 \\ \hline 322.000 \end{array}$$

3 x 3270

$$\begin{array}{r} 20.580 \\ 3 \\ \hline 61.740 \end{array}$$

	8	7	0	0	0
3	2	2	0	0	0
	6	1	7	4	0
<b>470.740</b>					

+ części remiennicze 405%  
szkolenie

	2	5	0	0	0
<b>500.000</b>					

ca ~

POŁ MILIONA \$



ZAKŁAD ELEKTRONICZNEJ  
TECHNIKI OBŁICZENIOWEJ

Przedsiębiorstwo Państwowe  
w Warszawie, ul. Śniadeckich Nr 8

(1)

Warszawa, dnia 31 .I.1973r.

Krajowe Biuro Informatyki  
Z-ca Dyrektora Generalnego  
Dr inż. A. Fargowski  
Warszawa  
ul. Jasna 14/16

ND/100/73

Dot.: PSI "WEKTOR".

W nawiązaniu do rozmów przeprowadzonych w dniach 24 i 30 stycznia 1973r. podaje dane dotyczące warunków rozszerzenia systemu sterowania inwestycjami szczególnie ważnymi "Wektor" na lata 1973-74. Dane dotyczą zabezpieczenia technicznego i oprogramowania standardowego i podane są w cenach przybliżonych.

1. Zakupy sprzętu komputerowego na lata 1973-74

a. procesor 2050 z minimum 256 KB cena	560.000 zł
b. 2 jednostki dyskowe 2319 ze sterowaniem kompletnym z firmy BASF umożliwiające rozwój do 8 szt. cena	60.000 zł
c. 6 terminali dużych typu 2770 dla regionów: Kraków, Bydgoszcz, Katowice, Wrocław, Łódź i Gdańsk cena	300.000 zł
d. 1 terminal uniwersalny ekranowy typ 3270 dla Komisji Planowania cena	20.000 zł
e. 6 terminali małych typ 2740 w głównych resortach gospodarczych: MPC, MFM, MGIR, MPCh, MPRIS, MPL cena	80.000 zł
<hr/>	
Razem sprzęt	1.020.000 zł

Uwaga! Przy zakupie b, c, d, e z "drugiej ręki" prawdopodobny upust rzędu 25% umożliwi zakupy na kwotę ....

920.000 zł

.W cenach uwzględniono narzutem: modemy oraz drobne urządzenia dodatkowe

.Przyjęto jako wyposażenie: 3270 - monitor + drukarka  
2770 - monitor + drukarka + czytnik  
2740 - buforowania maszyna do pisanja

2. Zakupy oprogramowania na lata 1973-1974

a. Renty miesięczne za CIGS od X.73 do XII.74 tj. 15 miesięcy po 750 zł cena	11.250 zł
b. Rezerwa na ewentualne dopłaty za ulepszenie CIGS około...	10.000 zł
<hr/>	
Razem oprogramowanie	21.250 zł

Razem sprzęt + oprogramowanie w latach 1973 - 1974

1.020.000 + 21.250 = 1.041.250 zł

./.



Zestawienie sporządzone w oparciu o systemowy program  
prac Zakładu Elektronicznej Techniki Obliczeniowej oraz  
programu realizacji I etapu sieci "Polrax"

---

z/ kupowany z "drugiej ręki" oficjalna cena IBM około 700 tys. zł

OTRZYMANIA  
SP  
PZB  
PZL  
DA/AZ/  
DT

P.O. DYREKTOR

mgr inż. *[Signature]* ~~Stanisław Truszczyński~~



mv  
813492 zowar plt

813492 zowar pl  
8881969 mds d

feb. 7, 73  
tx. 17048

mr. bellen

your telex dated february 7, 1973 concerning mds data communication equipment has been received by vertrieb ost of mds in cologne.

we would like to ask additional technical questions and will therefore give you y call on feb. 8, 73 under your telephone number 299637 to dzial projektowania sniadeckich 8.  
please give correction of your telephone number if necessary.  
language could be either english or polish.

regards,  
braekow

42/173

8881969 mds d  
813492 zowar pl



d

813492 zowar pljnd

11330 datamet s

11330 datamet s

by W. F. F. F. F.  
do not see message

9 february 1973

re your telex febr 7, 1973

attn: mr w bellen, tp division

sorry, we have no ebcdic/360 compatible terminals on our product list.

we would like to advise you to install a front-end computer (dec, hewlett-packard, intertechnique) between your 2701 /(-2,-3) and the modems. such a computer will convert the codes and line disciplines to iso/ccitt recommended. the cost of iso/ccitt compatible terminals will be about 60 per cent of the ibm's.

for further information, please contact us.

datamatrix

wingren

col. 7 1973 360 2701 -2 -3 60

47/73

813492 zowar pl

11330 datamet s



80c tLx/2 wa  
813492 zowar pl  
svp nrf menden 8881969 mom  
8881969 mds d  
813492 zowar pl df ga

842 - 844

*pyperiche 16.02.73*

mr.h. k. breakow

the telephone number to mr. bellen is :  
to office - 25-27-77

8881969 mds d  
813492 zowar pl

*43/73*