COPY

Information Processing Center

October 1, 1970

Mort Berlan

After reviewing the Tuck Electronics proposal attached to your letter of
September 8, it is my firm opinion that we should proceed as soon as possible
to replace our existing Bell 103E equipment.

It is my understanding that there are certain options and features which we
will have to select to best meet our particular needs, so please allow us to
review the specifics before a firm order is placed.

Please understand that I can speak only for the Information Processing Center
and am referring to the 360/65, 360/67 and GE 645 systems only.

W. J. Burner

WJB/prm

cc: R.H. Scott
    T.H. Van Vleck
    F.J. Corbato

from the office of   Telecommunications   W. J. BURNER

SEP 9 1970

REF. TO:_____

FILE_____

September 8, 1970

To: W. Burner

Subject: Data Services

Reference: My memo of July 10, 1970

Attached is a proposal from Tuck Electronics to replace our
present 103E data set configurations with a compatible
installation provided by Tuck. Please note that in addition
to the costs cited by Tuck, there would be recurring charges from
the New England Telephone Co. for line facilities and associated
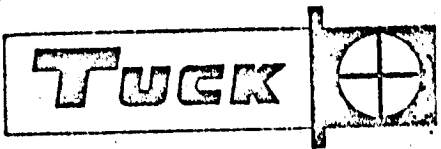Data Access Arrangements.

May I suggest discussing this further at your convenience?

M. Berlan

Attachments (2)

cc: R. Scott
     J. Licklider
     M. Jones
     W. Dickson
     R. Russell

jef

25 August 1970

Massachusetts Institute of Technology
Cambridge, Mass.

Attn: Mr. M. Berlan
Director, Communications

Gentlemen:

Thank you for the opportunity to quote on TUCK Data
Communication equipment as follows:

128	TUCK 1033AA Auto-Answer Data Sets @ 288.00		$36,864.00
4	TUCK 1179 6' cabinets @ 495.00		1,980.00
	Installation and checkout	10.00	1,280.00
128	Busy-out switches (optional)	3.00	384.00

$40,508.00

The above is a complete operating system, ready for service.
It interfaces with all EIA RS232B type 10 devices such as
the IBM 2701, 2702, 2703, or the GE DataNet 30, etc.

The above also includes 4 sets of plug-in cards for spare units.
These cards are readily interchangeable from the front. TUCK
will maintain these cards free of charge within the warranty
or repair any card for $10.00. In the rare event that the spare
boards might all be out of service, TUCK will supply additional
boards without charge. If M.I.T. should desire on-site service,
TUCK will arrange to have maintenance available at a price of
$18.00/data set.

Delivery on the above will currently run 30-45 days a.r.o.
Our terms are net 30 days, F.O.B. New Cumberland, Pa

We sincerely hope that we may have the pleasure of serving you
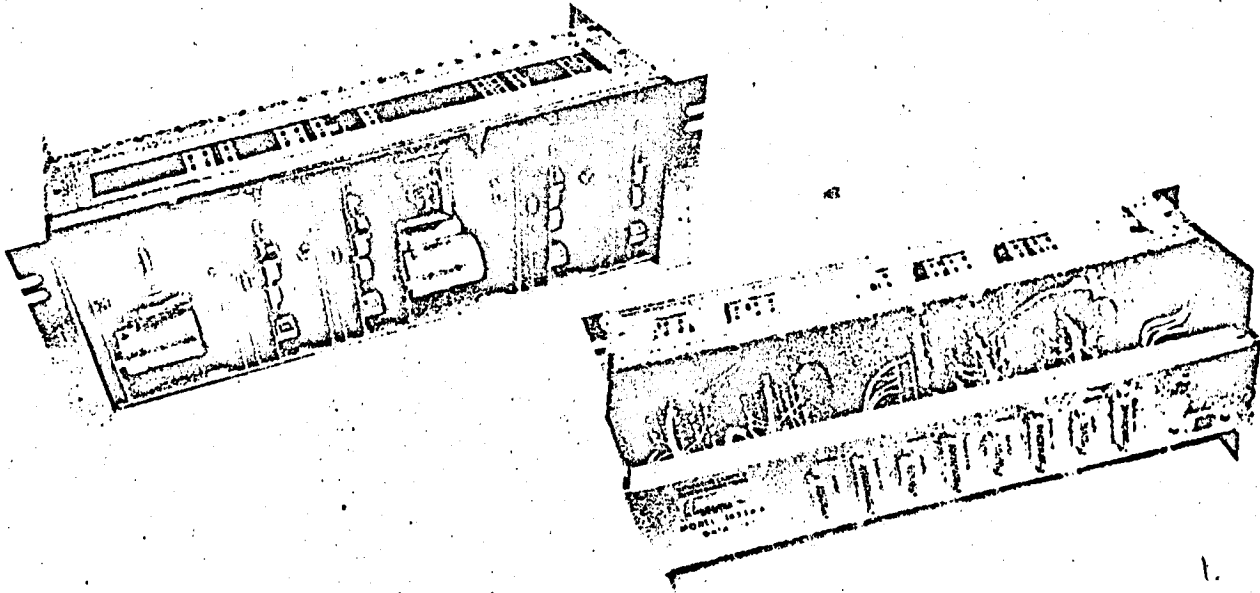in this matter. Please contact when we may be of service in
any way.

Very truly yours,

B. C. Hill, Jr.
TUCK Electronics

bchj/mv

MODEL 1033AA DATA SET AUTOMATIC ANSWER

The 1033AA is designed primarily for machine room use for auto-answer 300 baud service, replacing Bell 103A and 103E on a plug-for-plug basis. Up to 4 data sets are housed in one rack mount.

The 1033AA provides interface between tone carrying media, such as telephone lines, microwave links, radio links, etc., and data terminals, such as computers, teleprinters, or other data devices with data speeds less than 300 bits per second.

The Model 1033AA Data Set is similar in most respects to the TUCK 1042F1, except that the unit is rack-mounted. The 1033 is a "answer only" data set with dial-up, leased line, and full data access capabilities, with acoustical or other coupling as an option, but primarily designed for automatic answer service with auto dial available as an option.

The 1033AA has full EIA RS232B data terminal interface and is designed to work with IBM 2701, 2702, and 2703 Teleprocessor units, G.E. Data Net 30, etc.

The 1033AA is also fully compatible with data terminals, such as IBM 1050 series, 2704, 2741, Datel 30-21, Friden 7100, 7102, or other terminals using the EIA RS323B interface. When used with the 1069 Null Data Set, direct interface to Teletype, Kleinschmidt, Siemens, or other current-operated teleprinter terminals is provided.

When used with TUCK 1059 adaptor, the 1033 Data Set will interface with d.c. signalling lines up to ±120 v., 60 ma.

When used with dedicated or leased lines the lines are coupled directly into the data set. When used with the Direct Distance switching network, the adaptor is employed in order that dialing may be done from the data set or that the data set may answer automatically when called. In many localities, the Bell F58118 or similar Data Access Auto Answer and Dial will be used.
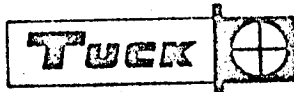
The 1033AA is designed to mount directly into standard 19" racks and is designed for continuous operation. The circuits are silicon, solid state, throughout.

Provision is made to enable the Data Set to "busy out" its line or not answer by presenting a busy signal to its line or to refuse to answer a call by letting the circuit "ring" when the computer operator so desires.

When used in a computing center as part of an automatic answering arrangement, the TUCK 1033AA provides full interface with the Bell F58118 and provides exact replacement of the Bell 103E DataPhone.