Dear Executive Panel Member:

We thank you for your continued support of INPUT's ongoing research efforts. Your reliable and consistent participation lends continuity to our research and helps us identify directions and trends in the computer services industry.

As you know, the computer industry is in turmoil. INPUT, an authoritative source on trends and directions in the computer industry, needs your thoughts and observations on what is happening. Your participation in this Information Systems Executive Panel will help identify these trends.

In return for your participation, INPUT will provide you with the results as they apply to your industry. Please be assured that all answers are held confidential and the data you supply will only be reported in the aggregate.

Please help us report accurately what is happening in the industry, enabling us to provide you with this valuable information.

Thank you in advance for your participation.

Sincerely. ot Peter A. Cunningham

President

|      | FR        |
|------|-----------|
| NAS  | UISA UISA |
| 1000 | UISM      |

| Com | pany | Name |  |
|-----|------|------|--|
|-----|------|------|--|

Address

City, State, Zip

Telephone No.

Respondent Name/Title

Total No. of Employees

If size is measured by some other scale, please indicate size and scale

Is this a division or subsidiary?

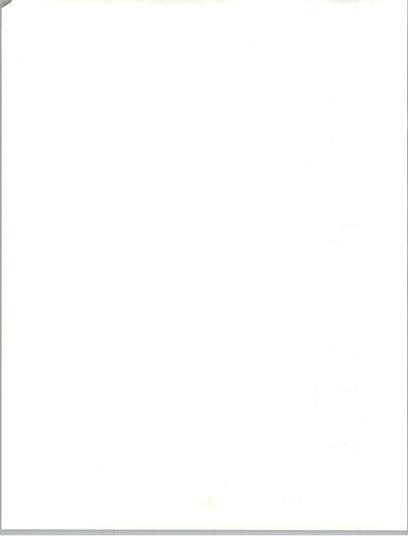
Industry Company Belongs To

Annual Sales (\$ million)

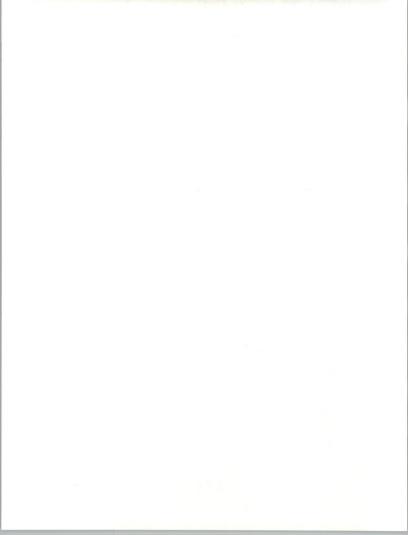
Yes \_\_\_\_ No \_\_\_\_

INPUT 1943 Landings Drive, Mountain View, CA 94043 (415) 960-3990

INPUT



| ation spend on information system  | ns (IS)?  |
|------------------------------------|---|
| <u>1986</u>                        | <u>1987 (Est.)</u>  |
| venue is this year's IS budget?    | %   |
| dget to change/not change in 198   | 6?  |
|                                    |   |
|                                    |   |
| 1987 budget?                       |   |
|                                    |   |
|                                    |   |
| nd 1987 budget is for:             |   |
| <u>1986</u>                        | <u>1987</u>   |
| %                                  | %   |
| %                                  | %   |
| %                                  | %   |
| penditures, please break out for 1 | 1986 and your estin   |
| 1986                               | <u>1990</u>   |
| %                                  | %   |
| %                                  | %   |
| %                                  | %   |
|                                    |   |
|                                    | 1986    venue is this year's IS budget?    dget to change/not change in 198    dget to change/not change in 198    1987 budget?    1987 budget?    nd 1987 budget is for:    1986   %    penditures, please break out for    1988   %   %   %   % |

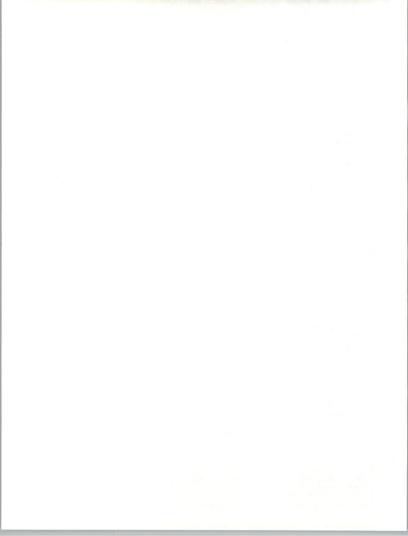


### INPUT'S 1986 INFORMATION SYSTEMS EXECUTIVE PANEL BUDGET DETAIL

5. For your 1986 budget, what are your annual expenses and your anticipated changes in 1987 for the following categories?

| CATEGORIES  | 1986 I.S. BUDGET<br>AMOUNT<br>(\$000) | ANTICIPATED<br>PERCENT CHANGE<br>1986-1987 |
|---|---------------------------------------|--|
| PERSONNEL   | s                                     | %  |
| COMPUTER SYSTEMS (include Processors<br>Storage, Peripherals)       |                                       |  |
| Mainframes  | \$                                    | %  |
| Minicomputers   | \$                                    | %  |
| Micros  | \$                                    | %  |
| Maintenance   | \$                                    | %  |
| Systems Software  | \$                                    | %  |
| Other   | \$                                    | %  |
| Total Computer Systems  | \$                                    | %  |
| COMMUNICATIONS  |                                       |  |
| Data Communications   | \$                                    | %  |
| Voice Communication   |                                       |  |
| (only if IS is responsible)   | \$                                    | %  |
| Total Communications  | \$                                    | %  |
| EXTERNAL SERVICES/PRODUCTS<br>Professional Services                 |                                       |  |
| (systems development/consulting)                                    | \$                                    | %  |
| Education and Training  | \$                                    | %  |
| Processing Services (include COM,<br>data entry, disaster recovery) | s                                     | %  |
| data entry, disaster recovery)                                      | »                                     |  |
| Facilities Management   | \$                                    | %  |
| Application Software Products                                       | \$                                    | %  |
| Turnkey Systems   | \$                                    | %  |
| Other   | \$                                    | %  |
| OTHER (Utilities, etc.)   | \$                                    | %  |
| TOTAL ALL CATEGORIES  | \$                                    | %  |

INPUT



| <ol><li>How many people work in the IS department</li></ol> | ent? |
|---|------|
|---|------|

| 1986 | 1987 (est.) |
|------|-------------|
|------|-------------|

6b. What percent of your applications development staff are assigned to:

| Development of new systems      | % |
|---------------------------------|---|
| Maintenance of existing systems | % |
| Enhancement of existing systems | % |

 During the next 12 months, what are the most important applications that you will be implementing? What is the estimated development cost of each? What resources will you use for each: internal staff only, software package, external professional services, or a combination?

#### **RESOURCES USED (%)**

|    | Application | Cost<br>(\$000) | Internal<br><u>Staff</u> | Software<br><u>Package</u> | Profess'l<br>Services | Combi-<br>nation |
|----|-------------|-----------------|--------------------------|----------------------------|-----------------------|------------------|
| a. |             | \$              |                          |                            |                       |                  |
| b. |             | \$              |                          |                            |                       |                  |
| c. |             | \$              |                          |                            |                       |                  |
| d. |             | \$              |                          |                            |                       |                  |
| e. |             | \$              |                          |                            |                       |                  |

# and the

 Please rate on a scale of 1-5 (5 being very important and 1 being not important at all) the following IS issues.

| Personnel staffing and skills               |  |
|---|--|
| Connectivity                                |  |
| System integration                          |  |
| Standards                                   |  |
| Management understanding                    |  |
| User expectations                           |  |
| Inadequate IS funding (budget)              |  |
|   |  |
| Communications management                   |  |
| Hardware/software management                |  |
| IBM directions                              |  |
| Other vendor directions                     |  |
| Who?  |  |
| Application development delays and overruns |  |

Other (please list)



9.

10.

Please rank your most important strategic, tactical, and operational issues starting with the most important. Please comment on each if appropriate.

| ISSUE                           | COMMENT (reason for ranking) |
|---------------------------------|------------------------------|
| Strategic (2-5 years or longer) |                              |
| 1                               |                              |
| 2                               |                              |
| 3                               | <b></b>                      |
| Tactical (1-2 years)            |                              |
| 1                               |                              |
| 2                               |                              |
| 3                               |                              |
| Operational (Now)               |                              |
| 1                               |                              |
| 2                               |                              |
| 3                               |                              |

11. How is information technology being used to give either your company or your competitor a competitive advantage?

12. What will the impact of new technology development be on your company or industry?

13. What needs of yours are not being satisfied by the vendors?

14. What additional information on your industry's use of IS would be useful to you?

THANK YOU FOR RESPONDING TO INPUT'S 1986 INFORMATION SYSTEMS EXECUTIVE PANEL

Call me if you would like to discuss any of these issues further. Please enclose these pages in the accompanying postage-paid envelope and mail as soon as possible.

INPUT 1943 Landings Drive, Mountain View, CA 94043 (415) 960-3990

INPUT

