U.S. DEPARTMENT OF COMMERCE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

## TECHNOLOGY INNOVATION PROGRAM (TIP) ESTIMATED MULTI-YEAR BUDGET - JOINT VENTURE

| YEAR:   |  |                    | YEAR TOTAL<br>ALL JV MEMBERS |
|---|--|--------------------|------------------------------|
| 1. OBJECT CLASS CATEGORY                          |  |                    | 2                            |
| A. Personnel salaries/wages                       |  |                    |                              |
| B. Travel   |  |                    |                              |
| C. Equipment                                      |  |                    |                              |
| D. Materials/supplies                             |  |                    |                              |
| E. Contractors                                    |  |                    |                              |
| F. Other  |  |                    |                              |
| G. Total direct costs (lines A thru F)            |  |                    |                              |
| H. Total direct costs requested from TIP          |  |                    |                              |
| I. Total direct costs shared by proposer (if any) |  |                    |                              |
| J. Total indirect costs absorbed by proposer      |  |                    |                              |
| K. Total costs (lines G + J)                      |  |                    |                              |
| 2. SOURCES OF FUNDS                               |  | Remove Source Line | Add Source Line              |
| A.  |  |                    |                              |
| B1  |  |                    |                              |
| C. Total of all sources of funds (same as line K) |  |                    |                              |
| 3. TASKS  |  | Remove Task Line   | Add Task Line                |
| A1  |  |                    |                              |
| B. Total of all tasks (same as line K)            |  |                    |                              |

U.S. DEPARTMENT OF COMMERCE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

## TECHNOLOGY INNOVATION PROGRAM (TIP)

| ESTIMATED MULTI-YEAR BUDGET - JOINT VENTURE       |  |  |  |  | Update Consolidated Data     |  |  |  |
|---|--|--|--|--|------------------------------|--|--|--|
| YEAR: ALL   |  |  |  |  | YEAR TOTAL<br>ALL JV MEMBERS |  |  |  |
| 1. OBJECT CLASS CATEGORY                          |  |  |  |  |                              |  |  |  |
| A. Personnel salaries/wages                       |  |  |  |  |                              |  |  |  |
| B. Travel   |  |  |  |  |                              |  |  |  |
| C. Equipment                                      |  |  |  |  |                              |  |  |  |
| D. Materials/supplies                             |  |  |  |  |                              |  |  |  |
| E. Contractors                                    |  |  |  |  |                              |  |  |  |
| F. Other  |  |  |  |  |                              |  |  |  |
| G. Total direct costs (lines A thru F)            |  |  |  |  |                              |  |  |  |
| H. Total direct costs requested from TIP          |  |  |  |  |                              |  |  |  |
| I. Total direct costs shared by proposer (if any) |  |  |  |  |                              |  |  |  |
| J. Total indirect costs absorbed by proposer      |  |  |  |  |                              |  |  |  |
| K. Total costs (lines G + J)                      |  |  |  |  |                              |  |  |  |
| 2. SOURCES OF FUNDS                               |  |  |  |  |                              |  |  |  |
| Α.  |  |  |  |  |                              |  |  |  |
| B1  |  |  |  |  |                              |  |  |  |
| C. Total sources of funds (same as line K)        |  |  |  |  |                              |  |  |  |
| 3. TASKS  |  |  |  |  |                              |  |  |  |
| A1  |  |  |  |  |                              |  |  |  |
| B. Total of all tasks (same as line K)            |  |  |  |  |                              |  |  |  |

## Instructions for Form NIST-1022F Technology Innovation Program (TIP) Estimated Multi-Year Budget – Joint Venture

Year. A sufficient number of forms will be generated reflecting the information entered on the forms NIST-1022, NIST-1022A, and 1022C. The year will be shown at the top of each form; the first column will be for the submitting organization and the remaining column headings for each year will be populated automatically with the names of each joint venture member beginning with the submitting organization followed in order with the other joint venture members as they appear on the form NIST-1022A Other Joint Venture Members.

1. Object Class Category. The data for section 1 is populated automatically from previously entered data on the form NIST-1022C Budget Narrative. Therefore, no data entry is required for section 1.

## 2. Sources of Funds.

List in the left-most column the names of all sources of funds individually. Line 2.A. is the TIP source of funding that is automatically populated from section 1.H. of this form, therefore, no data entry is required. Click on the "Add Source Line" button and B.1. will automatically appear below 2.A. Enter the name of the first nonfederal source of funds, e.g., submitting organization, joint venture member, third party in-kind contributions, state/local government, etc., followed by the source amounts under each column for the appropriate joint venture member. Click the "Add Source Line" after each source data is entered until all sources are listed. For example, if there are five nonfederal sources of funds, each source will be identified below line 2.A. as B.1, B.2., B.3., B.4., and B.5. The form will allow you to type past the end of the box in the left-most column, but only the visible data will be displayed and printed. Enter short references to sources in the visible part of this form. The last line 2.C. of each column will be computed automatically and must match the total sources in line 1.K.

3. Tasks. List in the left-most column, beginning with A1, all of the proposed tasks by name, and enter the associated costs in the appropriate rows and columns. (Click the "Add Task Line" button as needed to generate new lines.) Tasks should be a high-level aggregation of subtasks that have costs that can be easily updated as a group on an annual basis. TIP does not prescribe the appropriate number of tasks. Task names and amounts must correspond with those in the Gantt chart in the R&D plan discussion in the proposal.

Once all data for each year is entered, a cumulative total page will automatically be generated. The last page(s) of this form will show "ALL" in the Year box and provide a consolidated budget by joint venture member for all years. At the top right side of this form is an "Update Consolidated Data" button, which must be pressed to update the consolidated view if changes are made to the form NIST-1022C Budget Narrative or the form NIST-1022F Multi-Year Budget after the last save.

If Section 1. Sources of Funds and Section 2. Tasks are lengthy and result in the total lines being shifted to second page, be sure to review all totals in Lines 2.C. and 3.B. to ensure that they match the totals on line 1.K.

If changes are made to the NIST-1022C, Budget Narrative, they will not appear on the 1022E until the data is saved. To insure accurate data, manually save the file before printing or submitting to be sure the changes are reflected on the 1022E. Check the totals of lines 2.C. and 3.B. to be sure they still match totals in 1.K. after the changes apply.

Data does not update on this form automatically.