

Guideline for Establishing Experimental Studies with CLIC-form Laboratories

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1. The industry partner should submit a brief (one or two page) statement of proposed work in WORD format which should include the following:
 - a. Company name and key contact information
 - b. Objective and Significance: (Example: The objective of the proposed study is to quantify experimentally the draw bead restraining force for 20 mm wide strips of DP 600 sheet metal for three draw bead design cases. Information collected from this study will be used to increase industry's ability to model accurately the sheet metal stamping process.)
 - c. Test Name (Just specify the desired OU test.)
 - d. Test Matrix (Using bullet points, or a table, list all of the design variables and their levels. Examples of design variables (and levels) are material type (DP600, HSLA 50, TRIP980), lubrication type (Vendor A, Vendor B), material thickness (0.9 mm, 1.2 mm), draw bead design (Square Design A, Square Design B, Round Design A), pulling direction (Rolling, Transverse), etc. This information will be used to determine the total number of different tests cases to be run. Typically OU runs 3 to 5 replications per case. So, if the total number of test cases is C, then the total number of tests to be run will be somewhere between 3C and 5C.)
 - e. Deliverables (Specify exactly what is to be delivered. Be specific. Is it purely raw data or processed data? In ppt or WORD format? Shall OU participate in the interpretation of the data? Typically, OU provides the raw data in some combination of table and graphical format, with a limited amount of processing. (Regarding data interpretation, OU is always enthusiastic about discovering and the disseminating scientific knowledge. For all cases, OU will maintain confidentiality of data as prescribed by the partner, but may seek to publish portions of the findings with the permission and close consultation from the partner.)
2. OU will use the partner's original statement of work as a basis for a draft proposal to be sent to the partner. This proposal will include the cost and delivery date.
3. OU will proceed to get formal approval on the budget and overall project from the OU Grants and Contracts office. This process typically will take one or two days.
4. After approval from Grants and Contracts is received, the partner will be contacted directly by OU Grants and Contracts for a PO number. Upon reception of the PO number, we (CLIC-form) will be notified by OU Grants and Contracts that the project may officially begin.

The estimated cost as a function of the number of different test cases is provided graphically below for reference.

