NIED Statement of Work

September 17, 2012

Company Information:

Business Name : Far East Controls LLC
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The starting date for on-site work to commence at the NIED Shaking Table in Miki, Japan is tentatively set for December 10, 2012 through December 22, 2012.

Deliverables:

1. System support and tuning of the NIED Shaking Table required by the Table Controller software changes to disable some number of the system's actuators to make it possible to run the table longer. This will make it possible for the NIED system to run the March 2012 Tsunami Earthquake. It is necessary to perform the following steps in co-operation with the NIED system's operating staff and should take 2 weeks of effort.

   The first week's efforts shall include the following objectives:

   - Verify that the software changes are correctly controlling the Shaking Table.
   - Verify that the software can be changed to use different choices of which actuators to disable.
   - Verify that the software can be changed to use different choices of which actuators to disable.

2. After verification of the new controls, the following work shall be done:

   - Tune the Shaking Table for the 3 main actuator configurations that have been specified by the NIED customer.
   - Assist in running the March 2012 Earthquake on the empty Shaking Table.
   - Train the NIED Operating Staff on how to alter the configurations and to tune the Shaking Table for this reduced maximum force performance.

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Rates/Payment Terms:

Payments	Amount	When
Airfare + Hotel	(work with MTS Travel Representative)	Billed after successful completion of deliverables
Deliverable 1 (week 1)	$4080 + per diem for 6-day work week	Billed after successful completion of deliverables
Deliverable 2 (week 2)	$4080 + per diem for 6-day work week	Billed after successful completion of deliverables

Presented by: _____
Rod Larson, FEC LLC

Submitted by: _____
David Kusner, PE