

27 May 2005

From: Task Order Manager (TOM)
To: Coalescent Technologies Corporation

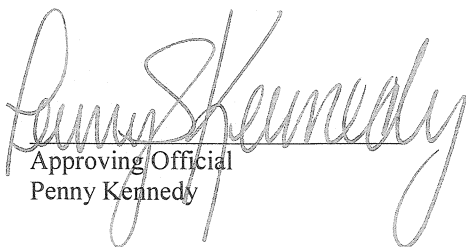
Subj: TECHNICAL INSTRUCTION (TI) CTC4141 / 0002-01, Joint Training Experiment Program (JTEP) Support Services

Ref: (a) SEAPORT CONTRACT N00178-04-D-4141 / 0002

Encl: (1) Task Description for Joint Training Experiment Program (JTEP) Support Services

1. General. This TI constitutes direction to the contractor by the CAO Special Acquisition Office in accordance with section B and line item 000101 of reference (a). This TI falls within the scope of work paragraphs 3.2, 3.3, and 3.6. In issuing this TI, it is the understanding of the CAO Special Acquisition Office that the directed efforts are within the scope of the contract. Should the contractor feel that full compliance with this TI is outside the scope of the contract, the contractor is to notify the TOM and the contracting office by official correspondence within ten (10) working days after receipt of this TI. In such case, the contractor is to take no further action with regard to this TI until notified by the contracting officer that the TI is within the scope of the contract.
2. Statement of work. Efforts under this TI will be in accordance with Section C of Reference (a) and Enclosure (1).
3. Level of Effort. It is estimated that the total cost, including fee, to be expended under this TI will not exceed \$1,054,000.00 (SLIN 000101/AA).
4. Technical Direction. Technical Direction of the work described under this TI is assigned to Joe McClure.
5. Progress Reports. Required deliverables are indicated in Enclosure (1).
6. Effective Date. This TI is effective May 23, 2005. The period of performance shall be through May 22, 2006.


J. MCCLURE


Approving Official
Penny Kennedy

Statement of Work
Joint Training Experiment Program (JTEP) Support Services

The contractor shall provide system engineering and technical support for the modification and enhancement of joint synthetic training systems. Typical system engineering subtasks to support the development and modification of commercial or military hardware/software system shall include functional requirements decomposition, preliminary design, architecture development, and supportability planning.

Systems analysis. Conduct literature survey and maintain training systems and standards to identify new candidates for inclusion on the Joint Training Experiment Program (JTEP) system architecture. Research and analyze systems for suitability; generate reports of overview for potential systems considered during the survey, recommendations for components, architecture, and criteria used to determine recommendations. Evaluate systems for the following attributes:

- Ability to network with other systems (live, virtual and constructive) including compliance with interoperability standards, such as Distributed Interactive Simulation (DIS) / High Level Architecture, simulation architecture and to operate in real time, and commonality of simulated terrain.
- Identify costs of integration including modifications for integrating into JTEP. Also identify system costs that impact the extent of the system availability including any required upgrades to network infrastructure and other communication links.
- Availability of the system, which includes the number of systems currently available, equipment disposition, and those available with additional funding or shift in funding priorities.

System integration, development, and testing. Integrate and test system components for JTEP concept and provide support to training events. Identify compatible individual system components and specified component integrations. Integrate components to develop a working demonstration system or system to support certification of individual components and training events. Test the integrated system, which includes component interfaces and networking infrastructure as well as developing capabilities to test additional systems. Functional testing of the integrated system will also be required.

Training support, demonstration, and planning. Provide support for training events to serve as demonstrations for JTEP architecture and system components. Identify and plan events to demonstrate JTEP technology and its use in training. Provide support plan for system operation and field support throughout the demonstration of the system components. Develop training support plan for each JTEP demonstration.

Training support and demonstration conduct. The contractor shall provide on-site field support for JTEP demonstrations. Lessons learned from the demonstration shall be documented in a Demonstration After Action Report (AAR).

Program management. Assist in the development of management plans and strategies, milestone planning and tracking, preparation of technical briefing materials in both hard copy and soft copy format, evaluations of program schedules, and deliverable tracking to include the planning and/or reviewing of program data deliverables.

Deliverables shall be submitted in accordance with the following guidance:

DELIVERABLES:	CONTENT/FORMAT	DUE
System Engineering Documentation	Contractor format	120 DAC
JTEP System Analysis Report	Contractor format	120 DAC
JTEP Architecture	Contractor format	60 DAC
JTEP Testbed Documentation	Contractor format	180 DAC
JTEP Demonstration Support Plan	Contractor format	180 DAC
JTEP Demonstration After Action Plan	Contractor format	EOC