

## TECHNICAL INSTRUCTION (TI)

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| <b>Issue Date of TI</b>                        | Aug 20, 2008   |
| <b>TI No.</b>                                  | TI-4829-06,  |
| <b>Contract No.</b>                            | N00178-06-D-4829   |
| <b>Task Order No.</b>                          | FC01   |
| <b>Government Agency</b>                       | Naval Surface Warfare Center, Crane Division   |
| <b>Vendor</b>                                  | Next Wave  |
| <b>Vendor POC</b>                              | doug.mcdaniel@nextwavesys.net  |
| <b>Human Capital Checklist Approval Number</b> |  |
| <b>Tasking (Severable/Non-Severable)</b>       | Non-Severable  |
| <b>Special Skills Required</b>                 | Expertise in all commercial components included in the CJMTK, GBOSS system knowledge, and MMPC software knowledge.   |
| <b>Task Description</b>                        | <ol style="list-style-type: none"> <li>1) Simulator Development – The contractor shall assist Crane personnel in setting up a test station at NSWC Crane site, building 41 located in the JXSN software lab for Validation and Development Testing before a software release with imaging and mapping changes is delivered. The contractor shall assist Crane personnel in the development of simulators to test hardware components that are not physically located in the JXSN Software Lab.</li> <li>2) Developmental test support – The contractor shall provide personnel to support testing events as requested by NSWC Crane.</li> <li>3) New Sensor Integrations <ol style="list-style-type: none"> <li>a. The contractor shall conduct white paper study of potential sensors for integration into GBOSS and provide final technical report on results of the study.</li> <li>b. Undefined Sensors – GBOSS is continually adding new sensors to their capabilities. The contractor shall perform sensor integration and prepare a final technical report as the result of the integration. The contractor shall provide systems engineering support to Crane and the program office.</li> </ol> </li> <li>4) Software improvements – The contractor shall modify the existing software to support system improvements and enhancements. These modifications will be documented and approved via Crane GBOSS CM process. Software source changes and changes to appropriate documentation shall be provided to NSWC Crane.</li> <li>5) Research and Development – The contractor shall research</li> </ol> |

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|   | <p>and develop enhancements to, and perform usability analysis on the GBOSS system to meet changes in system usage and needs to meet changing threats. These will be provided to NWC Crane in the form of a white paper.</p> <p>6) ILS Support – The contractor shall provide technical input to support ILS product development and changes.</p> <p>7) Engineering Documentation – The contractor shall provide technical support in developing engineering documentation.</p> <p>8) The contractor shall provide systems engineering support to Crane and the MCSC as requested and directed by Crane personnel.</p> <p>9) Reporting – The contractor shall provide, a monthly financial status detailing the expenditures for each task, Once a month a narrative report detailing what was worked on and a financial report. A schedule in Microsoft Project Format for each task should be maintained and rolled into the over all master schedule maintained by Crane.</p> |
| <b>GFI, GFE, GFM</b>                      | Government will provide to the contractor the project source documentation.  |
| <b>Duty Location</b>                      | NSWC Crane (1 desk) and contractor’s facility. Contractor shall have access to building 41N during working hours 6:00-17:30.   |
| <b>Temporary Duty Location (travel)</b>   | 30 trips overall at 1 person each. 15 trips are planned to be to Huntsville, AL. The contractor shall be approved via TA for other travels. The Contractor shall submit a trip report for all travel performed no later than 15 days after completion of each trip   |
| <b>SLIN No.</b>                           | TBD  |
| <b>Performance Period</b>                 | From date of award to Sep 21, 2009   |
| <b>Data Deliverable</b>                   | Data Item Status Report A001, Data Item Contract Funds Status Report A002, test procedures and reports, source code, licenses and reports, sensor study technical report, Sensor integration technical report. WBS to be delivered 60 days after the TI award.   |
| <b>Security Classification</b>            | Personal clearances at the secret level  |
| <b>Hazard and Safety Information</b>      | All efforts shall comply with the GBOSS safety plan.   |
| <b>Requiring Technical Activity (RTA)</b> | Mike Roby, Code 6064, (812) 854-2406<br><a href="mailto:michael.robby@navy.mil">mailto:michael.robby@navy.mil</a>  |
| <b>Task Order Manager (TOM)</b>           | Mo Beitvashahi, Code 6067, (812) 854-1488<br><a href="mailto:mohammad.beitvashahi@navy.mil">mailto:mohammad.beitvashahi@navy.mil</a>   |

Contingent Upon Task Order Modification Issuance to Increase Funding  
 Funding is currently available on the Task Order

