

JPMO MMS



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JPM MMS



Virtual Patient Simulation System - Whole Body Patient Simulators (VPSS - WBPS)

Description/Summary of Program Requirements

The Joint Project Management Office for Medical Modeling and Simulation (JPMMO MMS) has a requirement for virtual medical training devices that simulate anatomy and physiology. The VPSS-WBPS contract will be comprised of High Fidelity, Low Fidelity, Veterinary Simulators and ancillary Support Services. These Commercial Off The Shelf (COTS) simulators will simulate whole body anatomy/physiology and will be integrated into developmental solutions used for training, evaluating, and certifying personnel in multiple medical tasks and skills. These COTS training devices will be delivered to locations in CONUS and OCONUS.

| ACQUISITION STRATEGY | PERIOD OF PERFORMANCE | MILESTONES | | |
|---|--|--|--|---|
| <ul style="list-style-type: none"> • New Procurement • Full and Open Competition anticipated • Contract Type: Multiple Award ID/IQ | <ul style="list-style-type: none"> • 5 Year Ordering Period | 1 st Qtr FY17  Draft RFP Release | 2 nd Qtr FY17  RFP Release | 4 th Qtr FY17  Contract Awarded |
| POINT OF CONTACT | FUNDING | CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE) | | |
| <p>Organization: JPMMO MMS Phone: 407-208-5623 Email: usarmy.orlando.peostri.list.jpmmo-mms@mail.mil</p> | <ul style="list-style-type: none"> • DoD and other Government Agencies • Total Estimated Value \$186+M | <ul style="list-style-type: none"> • Multiple OEMs • Multiple Procurement Vehicles | | |






Advanced Joint Airway Management Simulator (AJAMS)

Description/Summary of Program Requirements

The U.S. Army Program Executive Office for Simulation, Training and Instrumentation (PEO STRI), Joint Project Office for Medical Modeling and Simulation (JPO-MMS) has an immediate need for an Advanced Joint Airway Management Simulator (AJAMS) that will improve the training capability and clinical proficiency in providing medical interventions in response to an airway compromise condition.

The number of potentially survivable battlefield fatalities concerning airway compromise remains unacceptably high. Currently available commercial airway management simulators lack the required fidelity/realism and do not adequately prepare combat medical personnel for what they will encounter in practice. Therefore, the military medical community has a need for an advanced airway management simulator that will improve training capability and clinical proficiency in providing medical interventions in response to an airway compromise condition.

| ACQUISITION STRATEGY | PERIOD OF PERFORMANCE | MILESTONES | | |
|---|---|--|--|---|
| <ul style="list-style-type: none"> Developmental Effort and New Procurement Full and Open Competition anticipated Contract Type: TBD | <ul style="list-style-type: none"> 5 Year Ordering Period | 1 st Qtr FY17  Sources Sought Notice | 2 nd Qtr FY17  RFP Release | 1 st Qtr FY18  Contract Awarded |
| POINT OF CONTACT | FUNDING | CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE) | | |
| <p>Organization: JPMO MMS Phone: 407-208-5623 Email: usarmy.orlando.peostri.list.jpmo-mms@mail.mil</p> | <ul style="list-style-type: none"> DoD and other Government Agencies Total Estimated Value ~\$10M | <ul style="list-style-type: none"> Multiple OEMs Multiple Procurement Vehicles | | |






Medical Simulation Training Centers (MSTC)

Medical Training Command and Control (MT-C2)

Description/Summary of Program Requirements

The Product Manager for Medical Simulation (PdM MedSim) has a requirement for the production and installation of a Medical Training Command and Control (MT-C2) capability in support of the fixed MSTC training platforms. The MT-C2 system supports the concept of a centralized training system control and management, data capture, and training feedback within the MSTC facilities. The MT-C2 enables training environment manipulation, medical scenario development and integration, mannequin control, and audio video (AV) surveillance and recording. The MT-C2 system also provides for the real-time manipulation of the environments in order to maximize the impact and experience of each training event. The MT-C2 system will create a standardized framework for all future equipment to be deployed in or integrated with the fixed MSTC capabilities.

| ACQUISITION STRATEGY | PERIOD OF PERFORMANCE | MILESTONES | | |
|---|--|---|--|---|
| <ul style="list-style-type: none"> • Contract Vehicle: New Procurement • Full and Open Competition anticipated • Production will be based on the prototyping Technical Data Package • FFP | <ul style="list-style-type: none"> • July 2018 to July 2022 | 4th Qtr 17  Draft RFP | 1st Qtr 18  Final RFP | 3rd Qtr 18  Contract Award |
| POINT OF CONTACT | FUNDING | CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE) | | |
| <p>Organization: JPMO MMS Phone: 407-208-5623 Email: usarmy.orlando.peo-stri.list.jpmo-mms@mail.mil</p> | <ul style="list-style-type: none"> • < \$5M OPA Initial Estimate | <ul style="list-style-type: none"> • Development Contract: Delivery Order on CPM Next IDIQ (Prime: General Dynamics-Mission Systems) | | |






Medical Simulation Training Centers (MSTC) Exportable Tactical Combat Casualty Care (TC3X)

Description/Summary of Program Requirements

The Product Manager for Medical Simulation (PdM MedSim) has a requirement for the procurement of an Exportable Tactical Combat Casualty Care (TC3X) training capability that will provide commanders the capability to execute realistic casualty Warrior Skill level 1 through 4 training at the individual, leader and collective levels where Soldiers train. The Exportable TC3 Capability will be performance based and consist of:

- Live Training Capability (Point of Need Training)
 - 1 Kit trains 30 Soldiers (Platoon) per day
 - Soldier operated turnkey capability based train the trainer course
 - Realistic casualty effects
- TC3X kit definition will be predicated on the lessons learned from the REF TC3 effort

| ACQUISITION STRATEGY | PERIOD OF PERFORMANCE | MILESTONES | | |
|---|---|--|--|---|
| <ul style="list-style-type: none"> • Contract Vehicle: New Procurement • Full and Open Competition anticipated • FFP Single Award IDIQ | <ul style="list-style-type: none"> • July 2018 to July 2022 • Yearly O&S starting in FY20 | 2nd Qtr 17  Draft RFP | 3rd Qtr 17  Final RFP | 3rd Qtr 18  Contract Award |
| POINT OF CONTACT | FUNDING | CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE) | | |
| <p>Organization: JPMO MMS Phone: 407-208-5623 Email: usarmy.orlando.peo-stri.list.jpmo-mms@mail.mil</p> | <ul style="list-style-type: none"> • ~\$30M contract ceiling (77 Kits) | <ul style="list-style-type: none"> • REF TC3 – A. Harold,& Associates | | |




Warrior Injury Assessment Manikin (WIAMan)

Description/Summary of Program Requirements

WIAMan provides new anthropomorphic test device (ATD) system, purpose-built for the Title 10 LFT&E under-body blast environment and associated biomechanics data and analysis tools to assess the probability of injury for ground vehicle occupants.

The effort is currently a science and technology program to define the trade space for the test capability by conducting biomechanics testing and by designing, fabricating, testing and refining prototypes of an ATD to represent the 50th percentile male Soldier.

| ACQUISITION STRATEGY | PERIOD OF PERFORMANCE | MILESTONES |
|--|--|--|
| <ul style="list-style-type: none"> Acquisition Strategy To Be Determined (TBD) | <ul style="list-style-type: none"> TBD | 2 nd Qtr FY17  MDD |
| POINT OF CONTACT | FUNDING | CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE) |
| <p>Organization: JP MO MMS Phone: 407- 208-5623 Email: usarmy.orlando.peo-stri.list.jpmo-mms@mail.mil</p> | <ul style="list-style-type: none"> Ceiling: TBD | <ul style="list-style-type: none"> Science and Technology research effort will feed program development |