**TECHNICAL SPECIFICATIONS**

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| **IOM’S SPECIFICATIONS / MINIMUM REQUIREMENTS** | **BIDDER'S SPECIFICATIONS** | **Indicate**  **COMPLY or NOT Comply** |
| **Life Vest with Plate Carrier and Floatation System**  **Specifications:**   1. **Plate Carrier with Floatation System**   • Plate carrier offering minimum overall volume, with side and shoulders adjustment system. To be adjustable to fit different sizes within the same size category.  • 4-panel ballistic design with front, rear and side protection.  • No possible accidental inflation during training or combat action. SP to explain the way the inflation process works, and how it was designed to prevent any accidental inflation.  • The floatation chamber is integrated behind the ballistic protection, ideally protected mechanically.  • Integrated pressure release for waist and chest when inflated.  • Emergency quick release: the full vest is released in 1 action.  • Deployable rescue handle for minimum 100kg weighs personnel.  • Marine environmental resistance (salt, water, and hydrocarbons).  • Should include four (4) pouches: Map pouch, Radio pouch, Field pouch, Medical pouch (please refer to the enclosed sample photos, for reference only).  Pouches should have both, Straps and Velcro functions on their back. Sizes shall be as follows:  - Radio Pouch: Minimum size 16\*10.5\*4.5cm.  - Map Pouch: Minimum size 33\*30\*7cm.  - Medical Pouch: 18\*11\*16cm.  - Field Pouch: 18\*23\*7cm.   1. **Plate:**   • Minimum 10” x 12” Type IV, (max 3.0 kg) plate offers the most comprehensive standalone protection from Level 4 projectiles. Lighter weight will be considered preferable during technical evaluation.  • Fire protection ISO 6941.  • NIJ 0101.04/06: IV; VPAM 3 to 9 and fragments according to STANAG 2920 with armored piercing core features.   1. **Main Life Vest Features:**   • Buoyancy: minimum 275N (compliant with ISO12402-2), automatic and manual inflation modes.  • Valve for fast deflation in minimum 5 seconds.  • Maintaining the head of the user above the surface even if unconscious and carrying magazines.  • Integrated equipment: automatic inflator with membrane, water-activated light, whistle, mouth tube with over pressure valve.  • Provide 2 spare gas cartridges for automatic inflation per item.  • Aviation Standard: Vest Aviator-grade and made with fire resistant materials, SP to provide quality assurance info demonstration that the materials used are fire resistant.  • The carrier should be slim as possible when it’s not inflated. SP wo mention what is the slimmest vest available that meets the request protection level.  • Carrier to include 7 straps layer (divided into 3.5cm length handles) and 6 Velcro layers on the front, please refer to the below drawing for more info:    • Colors for Vest and pouches should be only: OD (Olive Drab Green) or SG (Sage Green). |  |  |

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