**APPENDIX 1 TO SPECIAL NOTICES AND INSTRUCTIONS TO TENDERERS**

**TENDER EVALUATION MATRIX**

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| **Company:** |

**TENDER EVALUATION MATRIX**

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| **Assessor:** | | | | | | | **Date:** | |
| **Serial** | **Criteria** | **Score** | | | | **X Weighting** | **= Score** | **Comments** |
| **1** | **Essential requirements** | **0** | **1** | **2** | **3** |
| 1.1 | Infrared camera specification:  Type: Uncooled microbolometer  Full frame minimum frame rate: 50 Hz minimum  NETD: 30mK maximum  Spatial resolution: 640 x 480 pixels minimum  Data transfer and control: GigE  Approximate spectral range: 7.5 – 14.0µm  Operational temperature range: -40 to 150*°* C (minimum range) | Does not comply with requirement | Complies with requirement and compatible with 1.2-1.6 and 1.8 | Above specification in either spatial (>640x480), temporal (>50Hz frame rate) or thermal resolution (NETD<30mK), and compatible with 1.2-1.6 and 1.8 | N/A | 10 |  |  |
| 1.2 | Optics specification:  2 IR lenses are required suitable for the camera   1. 25°, F number: f/1.0 2. Close up lens: FOV: 32 x 24 mm (maximum), F number: f/1.0 | Does not comply with requirement | Complies with requirement and compatible with item 1.1 | N/A | N/A | 10 |  |  |
| 1.3 | Software specification:  The camera should come with a complete software package for installation on a windows computer (computer not included in package) allowing:  Control of camera optics for set up and data capture  Live image display with adjustable palettes and image scaling  Transfer of data off the camera onto a computer (computer not included in bid)  Image analysis tools e.g. profiles and thermal measurements and temporal analysis options  Ability to record and save single and multiple image sequences  Exportable data in non-proprietary format, i.e. Matlab compatible | Does not comply with requirement | Complies with requirement software and compatible with 1.1 | Above specification and compatible with 1.1 | N/A | 10 |  |  |
| 1.4 | Tripod head: Qty x 2  Geared tripod head with micrometer adjustment in 3 directions  Quick removal plate with universal attachment  Level indicator e.g. level bubble | Does not comply with requirement | Complies with requirement and compatible with 1.1 and 1.5 | N/A | N/A | 8 |  |  |
| 1.5 | Tripod: Qty x 1  Adjustable height, non-roll back geared column  Must not be telescopic legged  Twin shank leg design  Black finish, head not required | Does not comply with requirement | Complies with requirement and compatible with 1.4 | N/A | N/A | 6 |  |  |
| 1.6 | Adapter plate: Qty x 2  Tripod head to carrier plate adapter – to attach supplied tripod head to X95 clamping carrier | Does not comply with requirement | Complies with requirement and compatible with 1.4 and 1.7 | N/A | N/A | 6 |  |  |
| 1.7 | **Fixed support system: X95 Profile compatible** (compatible with existing system)  X95 compatible clamping carrier in black Qty x 4.  Levelling foot Qty x 6  X95 profile rails  500mm Qty x 2.  750mm Qty x 2.  1000mm Qty x 2 | Does not comply with requirement | Complies with requirement and compatible with 1.6 | N/A | N/A | 6 |  |  |
| 1.8 | **Laptop:** Quantity: 1  Minimum standard: based on Dell Precision 7710 Mobile Workstation  Must be compatible with camera through GigE connection  Processor: Intel Core i7-6820HQ Processor  Memory: 8GB (2x4GB) 2133MHz DDR4 non-ECC  Hard drive: 1TB 7200rpm SATA HDD, MPWS | Does not comply with requirement | Complies with requirement and compatible with 1.1 and 1.3 | Exceeds HDD requirement and compatible with 1.1 and 1.3 | Exceeds HDD and memory requirement and compatible with 1.1 and 1.3 | 8 |  |  |
| 1.9 | Have a minimum of a 1 year warranty on all components (items 1.1-1.8 above). | Does not comply with requirement | 1 year | > 1 year | N/A | 6 |  |  |

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| **Scoring Guide:**   * **3 Significantly exceeds the requirement** * **2 Exceeds the requirement** * **1 Fully meets the requirement** * **0 Does not meet the requirement** | **The scores are then multiplied by a weighting factor giving the final score for that tenderer against that criterion.**  **The weightings provided are:**   * **10 high importance** * **6 average importance** * **2 low importance** |