**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 microbolometerFull frame minimum frame rate: 50 Hz minimumNETD: 30mK maximumSpatial resolution: 640 x 480 pixels minimumData transfer and control: GigEApproximate spectral range: 7.5 – 14.0µmOperational 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 camera1. 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 captureLive image display with adjustable palettes and image scalingTransfer 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 optionsAbility to record and save single and multiple image sequencesExportable 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 directionsQuick removal plate with universal attachmentLevel 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 1Adjustable height, non-roll back geared columnMust not be telescopic leggedTwin shank leg designBlack 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 2Tripod 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 WorkstationMust be compatible with camera through GigE connectionProcessor: Intel Core i7-6820HQ ProcessorMemory: 8GB (2x4GB) 2133MHz DDR4 non-ECCHard 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**
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