**Data Item Description**

**Material and Provisioning List**

**ILS-083-020**

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| **DATA ITEM DESCRIPTION** |
| 1. **TITLE**

Material and Provisioning List | 1. **IDENTIFICATION NUMBER**

ILS-083-020 |
| 1. **DESCRIPTION / PURPOSE**

To document and report the results of the analysis that determines the Provisioning Parts Breakdown List (PPB), the Recommended Spare Parts List (RSPL) and Special Tools and Test Equipment (STTE) required to support the Ships. |
| 1. **REFERENCES**

Attachments: NilReferences: This DID must be read in conjunction with the appropriate paragraphs of the Statement of Work, Subcontract Data Requirements List and any references cited in the DID. |
| 1. **FORMAT**
	1. The report must be prepared in the Supplier's format. Electronic copies of the report that are delivered to Canada must be provided in a report format compatible with the XML PSAR database. The report must contain the information in the Supplier’s format to include items cited in the “Report Content” section of this document.
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| 1. **CONTENT**
	1. The Material and Provisioning List report must include the following information as a minimum:
		1. Executive summary covering the significant elements of the report;
		2. Description of the approach and methodology used to identify the supply items, both repairable and consumable spares;
		3. Description of methodology used to optimize the spares required to support Level One and Level Two maintenance to meet Ship operational and utilization profile and availability requirements.
		4. Description of which elements of PSA were utilized and how they influenced the analysis outcome. As applicable, reference to relevant DID must be provided;
		5. Description of the approach and methodology used to identify the insurance spares (long lead items); and
		6. Description of methodology used to identify and select the special tools and test equipment required to support Level One and Two maintenance.
	2. Supply Documentation. The report must contain the following supply documentation based on the conducted sparing analysis:
		1. Supplementary Provisioning Technical Documentation (SPTD). The SPTD must include the requirements indicated in Chapter 3.8 of the Reference.
		2. Provisioning Parts Breakdown List (PPB)
* The PPB must be in accordance with Chapter 3.9 of the Reference, down to 2nd level LRU plus attaching parts. The Contractor must create a report from the PSAR XML database that provides PPB data.
	+ 1. A Recommended Spare Parts List (RSPL). The RSPL must provide a complete list of all required spares, both repairable and consumable. For each item in the RSPL, create a Report from PSAR XML database that provides cataloguing data elements from Chapter 3.9 of the Reference.
		2. An Insurance Spares List. The Insurance Spares List must identify the spares that meet the insurance spares criteria and are recommended to be procured at the time of equipment purchase. Create a Report from PSAR XML database that provides cataloguing data elements from Chapter 3.9 of the Reference.
		3. A Special Tools and Test Equipment List (STTE). The STTE must be a complete list of all tools and test and support Equipment required to conduct Level One and Two maintenance. For each item on the list the following must be stated:
* Tool/equipment description, name and unique item identification (UII) if applicable;
* Maintenance action associated with the stated tool/equipment;
* Applicable system, subsystem and equipment;
* Unit price, and
* Required quantity on-board and ashore to support Ship maintenance profile.
	+ 1. Common Tools. The contractor must also identify any common tools that are required to be carried on board.
	1. The Report must describe the storeroom analysis conducted and identify the precise on-board location and storage requirements for RSPL and STTE items to be held on-board the vessel.
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