ANNEX H

TECHNICAL BID EVALUATION PLAN

FOR THE

VCM GALLEY IMPROVEMENT PROJECT FOR VCS

Prepared by: Project Team

Revised and approved by:

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_____ Date: _____

REVISION NOTICE

Revision	Page	Date	DESCRIPTION	Init.

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1 Technical Bid Evaluation

1.1 Purpose

The purpose of this Technical Bid Evaluation Plan (TBEP) is to describe the objectives, selection methodology and processes that will be used for the technical evaluation of the bids received in response to the Request for Proposal (RFP) Solicitation W8472-235880/A for the Galley Improvement Project.

1.2 Objectives

The objectives of this bid evaluation are to:

1. Score the Bidders' Technical Bid in accordance with the Mandatory and Point-Rated Criteria as per this TBEP;
2. Provide scores with rationale for each rated Bidder's response to these requirements; and
3. Provide a final report stating the technical score for each compliant Bidder.

1.3 Conduct of the Evaluation

In the spirit of fairness and due diligence, all those involved in the evaluation process will exercise integrity and apply consistency in their approach to the evaluation.

1.3.1 Integrity

Bids will only be evaluated against the requirements detailed in the RFP.

1.3.2 Consistency

Each evaluator will in their individual approach to the scoring, consistently apply the evaluation criteria across all Bidders' responses.

1.4 Method of Evaluation and Selection

1.4.1 General

All bids will be evaluated In Accordance With (IAW) Part 4 of the RFP, Evaluation Procedures and Basis of Selection.

1.5 Request for Clarification

1.5.1 Process

The Request for Clarification (RFC) Process is outlined in Figure 1 below.

1.5.2 Technical Evaluation Manager Role and Responsibilities

The Evaluation Manager will manage the RFC process and make the necessary changes to the Technical Team Member's original request to ensure that RFCs do not solicit the Bidder for additional information. The Evaluation Manager will forward the RFC to the Contracting Authority (CA) for onward transmission to the Bidder. Bidders shall have the period indicated on the RFC to respond. Canada may disqualify any Bidder who fails to comply with such a request within the specified response period. Once the Bidder's response to the RFC is received by DND it will be forwarded to the Evaluation Manager, who will update

the answer to the RFC and notify the team. At any point throughout the evaluation process the Technical Team Members can view all outstanding RFCs raised by the team.

1.5.3 Raising an RFC

An RFC can be raised by any Technical Team Member or Team Lead. When a requirement has an RFC raised against it, this requirement will be suspended from scoring by all other Technical Team Members until the RFC is answered or rejected by the Evaluation Manager.

1.5.4 Bidders Response to an RFC

The Bidder will have 7 calendar days to reply to an RFC. If there is no response, it will be deemed "No answer from bidder," as per flowchart below. The RFC flow diagram can be found in Figure 1 below:

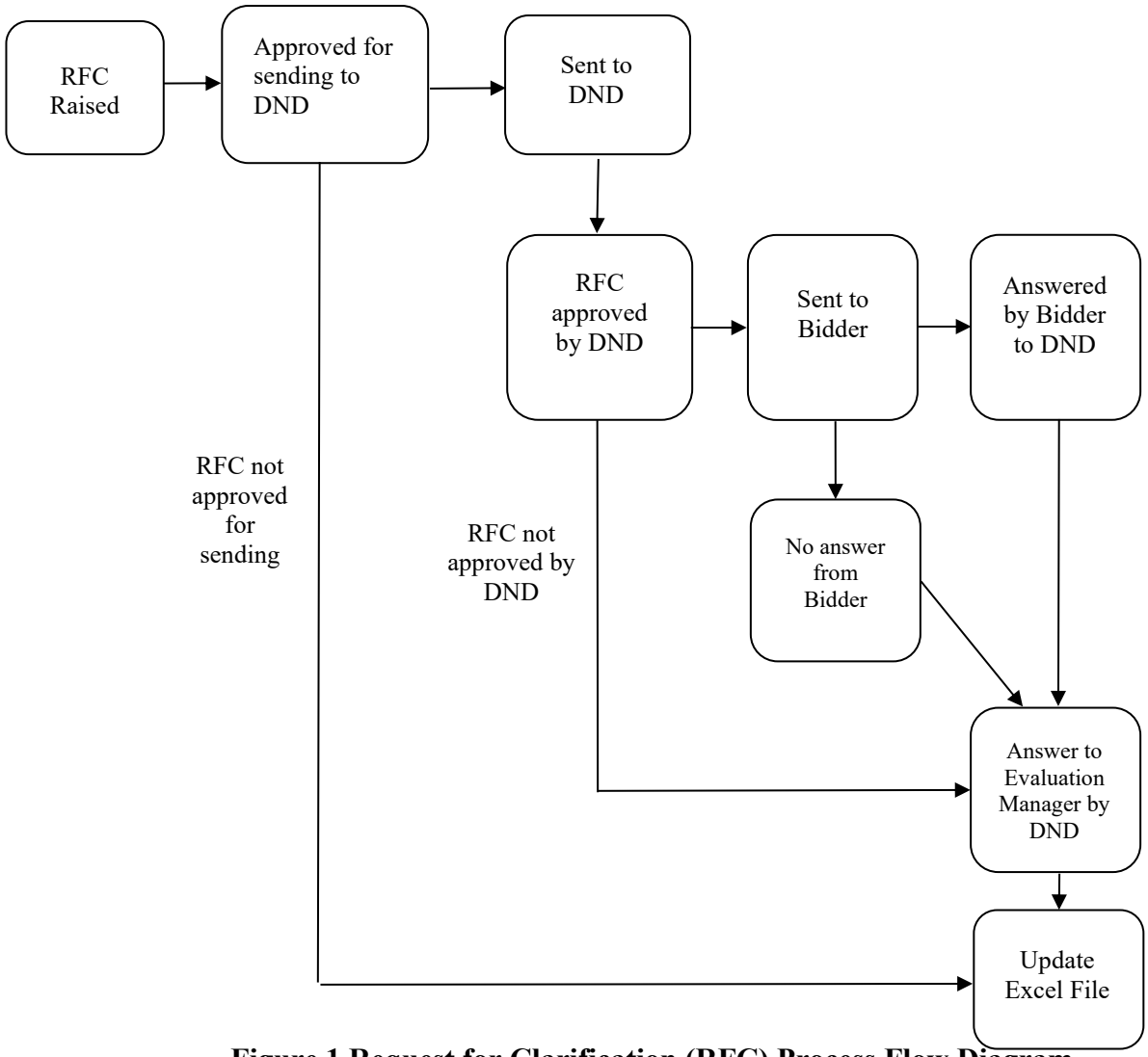

Figure 1 Request for Clarification (RFC) Process Flow Diagram

2 Technical Bid Evaluation Method

2.1 Mandatory Technical Criteria Evaluation Method

Mandatory Technical Criteria are scored Pass or Fail. Bids that do not meet all Mandatory Technical Criteria listed at Annex G after the Phase Bid Compliance described in Part 4 of the RFP, will be considered to be non-compliant and will not be assessed further.

2.2 Point Rated Technical Criteria Scoring Method

Definitions:

In the context of point rated criterion, the terms; points, weight factor, score, section score, technical score, weakness, shortcoming, substance and risk are defined as follows:

Points: Rated requirements are assessed and assigned a points rating on a scale of one (1) to ten (10) in accordance with the rating scale shown in Table 1, unless otherwise stated in Appendix 1 to Annex H;

Weight Factor: Rated requirements are assigned a relative importance to each other by a weight factor of one (1) to three (3);

Score: A rated requirement is assigned a score as follows:

Score = Points X Weight Factor

Section Score: A section score for a particular rated section (SOW and TSOR) is the sum of the individual scores for that section;

Total Score: The total score is the sum of the section scores;

Weakness: Failing, flaw or weak point, referred to as an area for improvement;

Shortcoming: Deficiency where the quality is being as being inadequate or unsuitable;

Substance: The idea that is intended, a meaning that is not expressly stated but can be inferred; and

Risk: Exposure to the probability of loss or damage that affect project success, the potential impact (positive or negative) to an asset or some characteristic of value that may arise from some present process or from some future event.

Table 1: Rated Requirements Points Rating Scale

Score	Description
10	Proposed approach offers much more than what would normally be expected for this type of project, to the extent that successful support/delivery should be a certainty. • Complete, well-presented, and clear details are provided, addressing all of the required elements. • Most of the approaches, functions, processes, methods, tools and techniques are well established, proven and sound. • The information provided indicates a high probability of delivering the capability.
7	Proposed approach is appropriate for this type of project and should ensure successful support/delivery. • The details provided in addressing most of the required elements are clear and complete. • Only a few of the required elements are not addressed to an acceptable level of detail. • Most of the approaches, functions, processes, methods, tools and techniques are considered adequate. • The information provide indicates a medium probability of delivering the capability.
2	Proposed approach is lacking in some major aspects such that successful support/delivery will involve significant risk. • The information provided, if any, does not address at most of the required elements. • The approaches, functions, processes, methods, tools and techniques are considered inadequate. • The information provide indicates a low probability of delivering the capability.
0	Proposed approach is inadequate. • The information provided does not address any of the requirements

2.3 Galley Improvement Project Technical Evaluation Summary

Table 2 below summarizes the method of evaluation for this TBEP.

Table 2: Galley Improvement Technical Evaluation Summary

Factors	Percentage Weight	Available Score	Mandatory Pass %	Mandatory Score to Pass
MANDATORY TECHNICAL REQUIREMENTS				
Annex G, Mandatory Technical Criteria	N/A	Pass or Fail	N/A	Pass
POINT RATED TECHNICAL CRITERIA - Only bids passing all mandatories will be rated				
Annex A SOW	10%	270	70%	189
Annex B Galley Improvement TSOR, Common Galley Requirements	10%	60	70%	42
Appendix 1 to Annex B Galley Improvement TSOR, Range	30%	60	70%	42
Appendix 2 to Annex B Galley Improvement TSOR, Servery	30%	60	70%	42
Appendix 3 to Annex B Galley Improvement TSOR, Refrigerator	5%	60	70%	42
Appendix 4 to Annex B Galley Improvement TSOR, Water Cooler	5%	60	70%	42
Appendix 5 to Annex B Galley Improvement TSOR, Microwave	5%	60	70%	42
Appendix 6 to Annex B Galley Improvement TSOR, Steward's Sink	5%	50	70%	35
Technical Point Rated Cumulative	100%	680	70%	476

2.4 Point Rated Technical Criteria

The bid must obtain the required minimum 70% for each heading subtotal of the Point Rated Technical Criterion listed at Appendix 1 to this Annex, Point Rated Technical Criteria.

Each section of the Point-Rated Criteria in Appendix 1 should be no more than one (1) page single sided. For each one-sided page that exceeds the page limit requirement, it will not be considered for scoring. The pages must be submitted in Times New Roman Font, Size 12, single spaced, with normal 1" margins (left, right, top and bottom) on an 8 ½" X 11" page size.

2.5 Technical Compliance Matrix

The bid must include a completed Technical Compliance Matrix confirming compliance for each requirement of the Statement of Compliance to the SOW and TSOR listed at Appendix 2 to this Annex, Technical Compliance Matrix.

2.6 Final Score

Proposals will be assigned a final score based on lowest cost per point. This score is calculated by taking the total value of the financial bid and dividing it by the total amount of points awarded to the technical score (up to the maximum of 680 points). This will result in a price per point.

$$\textbf{\textit{Price per Point}} = \frac{\$\,\textbf{\textit{Value of Fin Bid}}}{\textbf{\textit{Points Awarded to Tech Bid}}}$$

2.6.1 Financial Bid

The Proposed financial bid will be in accordance with Appendix 3 of this Annex (Milestone Schedule).

2.6.2 Technical Score

The compliant bid will be in accordance with Table 2 in section 2.3.

3 APPENDICES

Appendix 1 to Annex H - Point Rated Technical Criteria
Appendix 2 to Annex H - Technical Compliance Matrices
Appendix 3 to Annex H – Milestone Schedule

Appendix 1 to Annex H – Point-Rated Technical Criteria

Section #	SOW and TSOR Requirements	Points Achieved (0 to 10)	Weighting Factor (1 to 3)	Actual Score	Maximum Weighted Score 680	Minimum passing Score (70%) 476	Rational
	SOW Sub-Total				**270**	**189**	
4.	**Project Management**				**80**	**56**	
4.1.4	Project Manager (PM) *Assessment of PM project management experience.* *10 pts = 97+ months* *9 pts = 85-96 months* *8 pts = 73-84 months* *7 pts = 61-72 months*		2		20		
4.2.1	Project Management Plan (PMP) *The Bidder must, using best commercial practices, prepare and deliver a PMP in accordance with (IAW) CDRL-PM-01 and DID-PM-01*		2		20		
4.2.2	Project Work Breakdown Structure (WBS) *The Bidder's PMP must reference the project's WBS. The Bidder must prepare and deliver a WBS in accordance with CDRL-PM-02 and DID-PM-02.*		1		10		
4.2.3	Project Schedule (PS) *The Bidder's PMP must reference a PS. The PMP must include all major tasks up-to level 3 applying the Critical Path Method in accordance with the reference at Section 2 Applicable Documents Table 2, Item 1. The Bidder must prepare,*		2		20		

Section #	SOW and TSOR Requirements	Points Achieved (0 to 10)	Weighting Factor (1 to 3)	Actual Score	Maximum Weighted Score 680	Minimum passing Score (70%) 476	Rational
	update and deliver a PS in accordance with CDRL-PM-03 and DID-PM-03.						
4.2.4	Data Exchange Management (DEM) *The Bidder's PMP must address the Contractor's DEM program to control access and delivery of Contract data and deliverables IAW the approved PMP*		1		10		
5.0	**Design And Engineering**				**110**	**77**	
5.1.1	Engineering Organization, Management and Planning *The Bidder must describe the Project Design Process it intends to implement for the technical and management processes required to design and fabricate the Improved Galley conforming to the requirements*		2		20		
5.1.2	Project Principal Designer (PPD) *Assessment of PPD experience* *10 pts = 97+ months* *9 pts = 85-96 months* *8 pts = 73-84 months* *7 pts = 61-72 months*		2		20		
5.1.3	Design and Engineering Tasks *The Bidder must describe how the Design and Engineering Tasks will be managed*		2		20		
5.1.4	Type Approval *The COTS appliances may already be CSA (or equivalent) approved. The type approval is expected to be for any custom or modified equipment and the mounting*		2		20		

Section #	SOW and TSOR Requirements	Points Achieved (0 to 10)	Weighting Factor (1 to 3)	Actual Score	Maximum Weighted Score 680	Minimum passing Score (70%) 476	Rational
	arrangements and electrical interfaces and whether these equipment are suitable for use in the marine environment. It must be approved by an appropriate Marine Classification Society.						
5.2.25	First Article System (FAS) Design *The Bidder must describe its plan for delivering FASD.*		3		30		
6.0	**Production**				**20**	**14**	
6.1	Production General *The Bidder must describe its production organization it intends to implement to perform the production aspects of the contract.*		1		10		
6.2	Production Tasks *The Bidder must produce the improved galley and spares as identified in Table 3-Improved Galley Deliverables and Table 4-Improved Galley On-Board and Depot Spares.*		1		10		
7.0	**Installation, Set-To-Work, Acceptance**				**20**	**14**	
7.2	Plans and Procedures (PP) *The Bidder must describe how they intend to prepare the following:* *Installation and Acceptance Plan* *Installation and set to work Procedures* *Harbour Acceptance Test Procedures*		1		10		
7.3.2	Installation, Set-to-Work Acceptance (ISWA) Activities		1		10		

Section #	SOW and TSOR Requirements	Points Achieved (0 to 10)	Weighting Factor (1 to 3)	Actual Score	Maximum Weighted Score 680	Minimum passing Score (70%) 476	Rational
	The Bidder must prepare their plans on how they intend to implement installation and Set-to-Work Acceptance activities.						
8.0	**Quality Assurance**				**20**	**14**	
8.1.1	Quality Organization, Management and Planning *The Bidder must expand on their Quality Organization they intend to implement to perform the quality activities of the contract.*		2		20		
9.0	**Configuration Management**				**10**	**7**	
9.1	Configuration Management Approach *The Bidder must describe how they intend to adhere to the Configuration Management (CM) principles identified at the reference Section 2 Applicable Documents Table 2 Item 9. CM must be described in the PMP.*		1		10		
10.0	**Integrated Logistics Support**				**10**	**7**	
10.1.1.2	ILS Activities *Assessment of the Bidder's ILS organization and capability to execute ILS activities. A schedule must be included as part of the Project Schedule (PS).*		1		10		
	TSOR Sub-Total				**410**	287	
	Annex B Galley Improvement Common Requirements				**60**	42	
3.1.2	Use		1		10		

Section #	SOW and TSOR Requirements	Points Achieved (0 to 10)	Weighting Factor (1 to 3)	Actual Score	Maximum Weighted Score 680	Minimum passing Score (70%) 476	Rational
	The Bidder must expand and explain on how their proposal meets the Use requirements for the Improved Galley.						
3.6	Quality Factors *The Bidder must expand and explain how their proposal meets the Quality Factors requirements for the Improved Galley.*		2		20		
3.7	Design and Construction Constraints *The Bidder must expand and explain how their proposal meets the Design and Construction Constraint requirements for the Improved Galley.*		2		20		
3.8	Environmental Requirements *The Bidder must expand and explain how their proposal meets the Environmental Requirements for the Improved Galley.*		1		10		
	Annex B Appendix 1 Range Unique TSOR Requirements				**60**	42	
3.2	Required States and Modes *The Bidder must expand and explain how their proposal meets the Required States and Modes requirements for the Improved Galley Range.*		1		10		
3.3	Functional Requirements *The Bidder must expand and explain how their proposal meets the Functional Requirements for the Improved Galley Range.*		1		10		
3.4	External Interfaces		3		30		

Section #	SOW and TSOR Requirements	Points Achieved (0 to 10)	Weighting Factor (1 to 3)	Actual Score	Maximum Weighted Score 680	Minimum passing Score (70%) 476	Rational
	The Bidder must expand and explain how their proposal meets External Interfaces requirements for the Improved Galley Range.						
3.7	Design and Construction Constraints *The Bidder must expand and explain how their proposal meets the Design and Construction Constraints requirements for the Improved Galley Range.*		1		10		
	Annex B Appendix 2 Servery Unique TSOR Requirements				**60**	42	
3.2	Required States and Modes *The Bidder must expand and explain how their proposal meets the Required States and Modes requirements for the Improved Galley Servery.*		1		10		
3.3	Functional Requirements *The Bidder must expand and explain how their proposal meets the Functional Requirements for the Improved Galley Servery.*		1		10		
3.4	External Interfaces *The Bidder must expand and explain how their proposal meets External Interfaces requirements for the Improved Galley Servery.*		3		30		
3.7	Design and Construction Constraints *The Bidder must expand and explain how their proposal meets the Design and*		1		10		

Section #	SOW and TSOR Requirements	Points Achieved (0 to 10)	Weighting Factor (1 to 3)	Actual Score	Maximum Weighted Score 680	Minimum passing Score (70%) 476	Rational
	Construction Constraints requirements for the Improved Galley Servery.						
	Annex B Appendix 3 Fridge Unique TSOR Requirements				**60**	42	
3.2	Required States and Modes *The Bidder must expand and explain how their proposal meets the Required States and Modes requirements for the Improved Galley Fridge.*		1		10		
3.3	Functional Requirements *The Bidder must expand and explain how their proposal meets the Functional Requirements for the Improved Galley Fridge.*		1		10		
3.4	External Interfaces *The Bidder must expand and explain how their proposal meets External Interfaces requirements for the Improved Galley Fridge.*		3		30		
3.7	Design and Construction Constraints *The Bidder must expand and explain how their proposal meets the Design and Construction Constraints requirements for the Improved Galley Fridge.*		1		10		
	Annex B Appendix 4 Water Dispenser Unique TSOR Requirements				**60**	42	
3.2	Required Modes and Sub-Modes *The Bidder must expand and explain how their proposal meets the Required Modes*		1		10		

Section #	SOW and TSOR Requirements	Points Achieved (0 to 10)	Weighting Factor (1 to 3)	Actual Score	Maximum Weighted Score 680	Minimum passing Score (70%) 476	Rational
	and Sub-Modes requirements for the Improved Galley Water Dispenser.						
3.3	Functional Requirements *The Bidder must expand and explain how their proposal meets the Functional Requirements for the Improved Galley Water Dispenser.*		1		10		
3.4	External Interfaces *The Bidder must expand and explain how their proposal meets External Interfaces requirements for the Improved Galley Water Dispenser.*		3		30		
3.7	Design and Construction Constraints *The Bidder must expand and explain how their proposal meets the Design and Construction Constraints requirements for the Improved Galley Water Dispenser.*		1		10		
	Annex B Appendix 5 Microwave Unique TSOR Requirements				**60**	**42**	
3.2	Required Modes and Sub-Modes *The Bidder must expand and explain how their proposal meets the Required Modes and Sub-Modes requirements for the Improved Galley Microwave.*		1		10		
3.3	Functional Requirements *The Bidder must expand and explain how their proposal meets the Functional Requirements for the Improved Galley Microwave.*		1		10		

Section #	SOW and TSOR Requirements	Points Achieved (0 to 10)	Weighting Factor (1 to 3)	Actual Score	Maximum Weighted Score 680	Minimum passing Score (70%) 476	Rational
3.4	External Interfaces *The Bidder must expand and explain how their proposal meets External Interfaces requirements for the Improved Galley Microwave.*		3		30		
3.7	Design and Construction Constraints *The Bidder must expand and explain how their proposal meets the Design and Construction Constraints requirements for the Improved Galley Microwave.*		1		10		
	Annex B Appendix 6 Stewards Sink Unique TSOR Requirements				**50**	**35**	
3.2	Functional Requirements *The Bidder must expand and explain how their proposal meets the Functional Requirements for the Improved Galley Sink.*		1		10		
3.3	External Interfaces *The Bidder must expand and explain how their proposal meets External Interfaces requirements for the Improved Galley Sink.*		3		30		
3.6	Design and Construction Constraints *The Bidder must expand and explain how their proposal meets the Design and Construction Constraints requirements for the Improved Galley Sink.*		1		10		

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Appendix 2 to Annex H – Technical Compliance Matrices

The Bidder must cross reference the following SOW and Technical Requirements to substantiating text, specifications, schedule line number or data in the body of the technical bid.

Requirements		Compliant		Reference to applicable page and paragraph of Bid
		Yes	No	
SOW Compliance Matrix				
1	**SCOPE**	N/A	N/A	Section Heading
1.1	Purpose			
1.2	Background			
1.3	Galley Improvement Project Objective			
1.4	Acronyms and Abbreviations			
1.5	Terminology			
2	**APPLICABLE DOCUMENTS**	N/A	N/A	Section Heading
2.1	Government Documents			
2.2	Non-Government Documents			
3	**GENERAL REQUIREMENTS**			
3.1	Scope of Work	N/A	N/A	Section Heading
3.2	Deliverables and Tasks			
3.3	Assumptions			
3.4	Constraints			
3.5	Support Provided by Canada			
4	**PROJECT MANAGEMENT**	N/A	N/A	Section Heading
4.1	General			
4.1.3	Organization			
4.1.4	Project Manager			
4.2	Project Planning			
4.2.1	Project Management Plan (PMP)			
4.2.2	Work Breakdown Structure (WBS)			
4.2.3	Project Schedule (PS)			
4.2.4	Data Exchange Management			
4.3	Reporting and Communications			
4.3.1	Progress Reports (PR)			
4.3.2	Problem Reporting			
4.4	Security			
4.5	Project Meetings and Reviews			
4.5.1	Administrative Support			
4.5.2	Supporting Documentation			
4.5.3	Meeting Agenda			
4.5.4	Minutes			
4.5.5	Cancellation			

Requirements		Compliant		Reference to applicable page and paragraph of Bid
		Yes	No	
SOW Compliance Matrix				
4.5.6	Action Item List (AIL)			
4.5.7	Project Kick Off (PKO) Meeting			
4.5.8	Progress Review Meetings (PRM)			
4.5.9	Other Scheduled Meetings			
4.5.10	Unscheduled Meetings			
4.5.11	Contract Closure Meeting			
5	**DESIGN AND ENGINEERING**	N/A	N/A	Section Heading
5.1	General			
5.1.1	Engineering Organization Management and Planning			
5.1.2	Project Principal Designer (PPD)			
5.1.3	Design and Engineering Tasks			
5.1.4	Engineering Reviews and Audits			
5.1.5	Type Approval			
5.2	Galley Improvement Design			
5.2.1	System Definition Objectives			
5.2.2	Boat Survey			
5.2.3	System Boundaries Report (SB RPT)			
5.2.4	System Requirements Review Report (SRR RPT)			
5.2.5	System Requirement Review (SRR) Meeting			
5.2.6	System/Subsystem Specifications (SSSPEC)			
5.2.7	System/Subsystem Design Document (SSDD)			
5.2.8	Functional Baseline (FBL)			
5.2.9	Requirements Verification			
5.2.10	Engineering Analysis Report (EAR)			
5.2.11	Requirements Verification Cross Reference Matrix (RVCRM)			
5.2.12	Preliminary Design			
5.2.13	Engineering Drawings and Associated Lists			
5.2.14	Equipment Breakdown Structure (EBS)			
5.2.15	Obsolescence			
5.2.16	Dangerous/Hazardous Material			
5.2.16.5	Material List/Material Assessment			
5.2.16.6	Safety Data Sheets			
5.2.17	Preliminary Design Reports (PD RPT)			
5.2.18	Preliminary Design Review (PDR) Objectives			
5.2.19	PDR Meeting			
5.2.20	PDR Meeting Exit Criteria			
5.2.21	Detailed Design			
5.2.22	Critical Design Review (CDR) Objectives			

Requirements		Compliant		Reference to applicable page and paragraph of Bid
		Yes	No	
SOW Compliance Matrix				
5.2.23	CDR Meeting			
5.2.24	CDR Exit Criteria			
5.2.25	First Article System Design (FASD)			
5.2.25.2	FAS Design Reports (FASD RPT)			
5.2.24.4	Type Approval Report			
5.2.26	First Article Test Plans (1st FAT PLN)			
5.2.27	Production Test Plan (PRODT PLN)			
5.2.28	Factory Acceptance Test Procedure (FAT PRCED)			
5.2.29	Shock Qualification Test Procedure (SHKQT PRCED)			
5.2.30	First Article System (FAS) Test General			
5.2.31	Test Readiness Review (TRR)			
5.2.32	Witnessing of Test Activities			
5.2.33	Shock Qualification Testing (SHOCKQT)			
5.2.33.1	Conduct FAS SHOCKQTs			
5.2.33.2	SHOCKQT Reports			
5.2.34.1	FAS Qualification Test Report (FASQT RPT)			
5.2.35	Product Configuration Baselines			
6	**PRODUCTION**	N/A	N/A	Section Heading
6.1	Production General			
6.1.1	Production Organization and Planning			
6.1.2	Production Manager			
6.2	Production Tasks			
6.2.1	Production of the Supplies			
6.2.1.1	Produce Improved Galley as identified in Table 3 and Spares as identified in Table 4			
6.2.2	Factory Acceptance Test (FAT)			
6.2.2.1	Conduct FAT			
6.2.2.2	FAT Conduct to be witnessed			
6.2.2.3	FAT Report			
6.2.2.3.1	Improved Galley FAT Reports			
7	**INSTALLATION, SET TO WORK, ACCPETANCE**	N/A	N/A	Section Heading
7.1	General			
7.2	Plans and Procedures			
7.2.1	Installation and Acceptance Plan (IA PLN)			
7.2.2	Installation and Set-to-Work Procedures (ISW PRCED)			
7.2.3	Harbour Acceptance Test Procedures (HAT PRCED)			
SOW Compliance Matrix				

Requirements		Compliant		Reference to applicable page and paragraph of Bid
		Yes	No	
7.3	Tasks			
7.3.1	General			
7.3.2	ISW			
7.3.2.1	Provide FSR for FOC and three FOS ISW			
7.3.2.2	ISW FSR RPT			
7.3.3	HAT			
7.3.3.1	Provide FSR for FOC and three FOS HAT			
7.3.3.2	HAT FSR RPT			
7.3.4	Final Design Provisional Acceptance			
8	**QUALITY ASSURANCE**	N/A	N/A	Section Heading
8.1	General			
8.1.1	Quality Organization, Management and Planning			
8.2	Quality Management System (QMS)			
8.3	Quality Assurance and Audits			
8.3.1	Government Quality Assurance			
8.3.2	Quality Audits			
8.4	Design Change/Deviation and Waiver			
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8.4.1.1	Requests for Design Change/Deviation			
8.4.1.2	Authorization of Design Change/Deviation			
8.4.1.3	Implementation of Design Change/Deviation			
8.4.2	Waiver Requests/Authorization			
8.4.2.1	Request for Waiver Authorization			
8.4.2.2	Waiver Authorization			
8.4.3	Material Change Notice			
9	**CONFIGURATION MANAGEMENT**	N/A	N/A	Section Heading
9.1	Configuration Management Approach, Organization and Plan			
9.2	Configuration Identification, Status, Baselines			
9.2.1	Configuration Status Account (CSA)			
9.2.2	Configuration Identification			
9.2.3	Configuration Baselines			
9.2.4	Configuration Changes			
9.3	Configuration Status Accounting			
9.3.1	General			
9.3.2	Access to Contractor’s CSA System			
9.3.3	Configuration Status Account Reports (CSA RPT)			
10	**INTEGRATED LOGISTICS SUPPORT**			
10.1	Integrated Logistics Support Management			
SOW Compliance Matrix				

Requirements	Compliant		Reference to applicable page and paragraph of Bid
	Yes	No	
10.1.1 Integrated Logistics Support Organization & Planning			
10.1.2 ILS Manager			
10.2 ILS Tasks			
10.2.1 Naval Preventive Maintenance Schedules (NPMS)			
10.2.2 Standard Ship Maintenance and Repair Specifications (SSMRS)			
10.2.3 Technical Data Package (TDP)			
10.2.4 Improved Galleys			
10.2.4.1 Produce and deliver Improved Galleys IAW Table 4 – Improved Galley Deliverables			
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10.2.5.3 Spares Production			
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10.2.6 Packaging Handling Storage and Transportability (PHST)			
10.2.6.1 Conduct of PHST			
10.2.6.2 Packaging Methods and Level			
10.2.6.3 Marking of Packages			
10.2.6.4 Marking of Dangerous/Hazardous Items			
10.2.6.5 Shelf Life of Items			
10.2.6.6 Contract End Item List (CEIL)			
10.2.7 Technical Manuals (TM)			
11 ACCEPTANCE			
11.1 Acceptance of Deliverable Data Items			
11.1.1 Contractor’s Production and Delivery			
11.1.2 Canada’s Review and Acceptance			
11.1.3 Contractor’s Clarification			
11.1.4 Canada’s Review and Approval of Contractor’s Clarification			
11.2 Acceptance of the Designs			
11.3 Acceptance of the Improved Galley and Spares			
12 DELIVERY LOCATIONS			
12.1.1 Improved Galley and Spares			

Requirements	Compliant		Reference to applicable page and paragraph of Bid
	Yes	No	
Technical Compliance Matrices			
Annex B Improved Galley Common Technical Statements of Requirements			
1 SCOPE	N/A	N/A	Section Heading
1.1 System Identification			
1.2 Current System Overview			
1.2.1 Range and Control Power Supply Box			
1.2.2 Servery Counter			
1.2.3 Deep Fat Fryer			
1.2.4 Coffee Machine			
1.2.5 Water/Juice Dispenser			
1.2.6 Milk Dispenser			
1.2.7 Refrigerator			
1.2.8 Microwave Oven			
1.3 Current Galley Issues			
1.4 Assumptions			
1.5 Constraints			
1.6 Galley Improvement Project Design Guidance			
1.7 Document Overview			
1.8 Acronyms and Abbreviations			
2 APPLICABLE DOCUMENTS	N/A	N/A	Section Heading
2.1 Canadian Government Documents			
2.2 Non-Canadian Government Documents			
3 SYSTEM REQUIREMENTS	N/A	N/A	Section Heading
3.1 General			
3.2 Use			
3.3 Required Modes and Sub-Modes			
3.4 Functional Requirements			
3.5 External Interfaces			
3.6 Safety Requirements			
3.6.1 Material Safety			
3.7 Quality Factors			
3.7.1 Availability			
3.7.2 Mean Time Between Failure			
3.7.3 Design Life			
3.8 Design and Construction Constraints			
3.8.1 Functional Capability			
3.8.2 Form Compatibility			
3.8.3 Fit Compatibility			
3.8.4 Weight Compatibility			
3.8.5 Modular Design			
3.8.6 Material			

Requirements		Compliant		Reference to applicable page and paragraph of Bid
		Yes	No	
3.8.7	Paint			
3.9	Environmental Requirements			
3.9.2	Shock Requirements Tables 3 and 4			
3.9.3	Ships Motion			
3.9.3.1	General			
3.9.3.2	Submerged			
3.9.3.3	Surfaced			
3.10	Installation			
3.11	Human Factors			
3.11.1	Operations, Maintenance and Support			
3.11.2	Installation, Removal and Maintenance			
3.12	Maintenance			
3.12.1	General			
3.12.2	Preventive Maintenance			
3.12.3	Corrective Maintenance			
3.12.4	Major Maintenance			

Technical Compliance Matrices				
Annex B Appendix 1 - RANGE				
1	**SCOPE**	N/A	N/A	Section Heading
1.1	System Identification			
1.1.2	System Overview			
2	**APPLICABLE DOCUMENTS**	N/A	N/A	Section Heading
2.1	Government Documents			
2.2	Non-Government Documents			
3	**SYSTEM REQUIREMENTS**	N/A	N/A	Section Heading
3.1	General			
3.2	Required States and Modes			
3.2.1	Range Cover			
3.2.2	Hot Plates			
3.2.3	Ovens			
3.3	Functional Requirements			
3.3.1	Oven Requirements			
3.3.2	Hot Cupboards Functional Requirements			
3.3.3	Hot Plates			
3.3.4	Grab Rail			
3.4	External Interfaces			
Technical Compliance Matrices				
Annex B Appendix 2 – SERVERY COUNTER				
1	**SCOPE**	N/A	N/A	Section Heading
1.1	System Identification			

Requirements		Compliant		Reference to applicable page and paragraph of Bid
		Yes	No	
1.1.2	System Overview			
2	**APPLICABLE DOCUMENTS**	N/A	N/A	Section Heading
2.1	Government Documents			
2.2	Non-Government Documents			
3	**SYSTEM REQUIREMENTS**	N/A	N/A	Section Heading
3.1	General			
3.2	Required States and Modes			
3.2.1	Servery Counter Cover			
3.2.2	Heated Dish Well			
3.2.3	Hot Cupboards			
3.3	Functional Requirements			
3.3.1	Food Dish Well Requirements			
3.3.2	Hot Cupboards Requirements			
3.4	External Interfaces			
3.4.1.1	Electrical Interfaces			
3.4.1.2	Mechanical Interfaces			
3.7	Design and Construction Restraints			
3.7.1	Functional Compatibility			
3.7.2	Form Compatibility			
3.7.3	Fit Compatibility			
3.7.4	Weight Compatibility			
3.7.5	Modular Design			
Technical Compliance Matrices				
Annex B Appendix 3 - REFRIGERATOR				
1	**SCOPE**	N/A	N/A	Section Heading
1.1	System Identification			
1.1.2	System Overview			
2	**APPLICABLE DOCUMENTS**	N/A	N/A	Section Heading
2.1	Government Documents			
2.2	Non-Government Documents			
3	**SYSTEM REQUIREMENTS**	N/A	N/A	Section Heading
3.1	General			
3.2	Required States and Modes			
3.3	Functional Requirements			
3.3.1.1	Controls and Indicator			
3.3.2	Food Storage Drawer Illumination			
3.4	External Interfaces			
3.4.1.1	Electrical Interfaces			
3.4.1.2	Mechanical Interfaces			
3.7	Design and Construction Restraints			
3.7.1	Functional Compatibility			

Requirements		Compliant		Reference to applicable page and paragraph of Bid
		Yes	No	
3.7.2	Form Compatibility			
3.7.3	Fit Compatibility			
3.7.4	Weight Compatibility			
3.7.5	Modular Design			
3.7.6	Material			
Technical Compliance Matrices				
Annex B Appendix 4 - JUICE / WATER DISPENSER				
1	**SCOPE**	N/A	N/A	Section Heading
1.1	System Identification			
1.1.2	System Overview			
2	**APPLICABLE DOCUMENTS**	N/A	N/A	Section Heading
2.1	Government Documents			
2.2	Non-Government Documents			
3	**SYSTEM REQUIREMENTS**	N/A	N/A	Section Heading
3.1	General			
3.2	Required States and Modes			
3.3	Functional Requirements			
3.3.1.1	General Requirements			
3.3.1.2	Controls and Indicator			
3.3.1.3	Water Chiller / Reservoir			
3.3.1.4	Faucet			
3.4	External Interfaces			
3.4.1.1	Electrical Interfaces			
3.4.1.2	Domestic Fresh Water Interface			
3.4.1.3	Mechanical Interfaces			
3.7	Design and Construction Restraints			
3.7.1	Functional Compatibility			
3.7.2	Form Compatibility			
3.7.3	Fit Compatibility			
3.7.4	Weight Compatibility			
3.7.5	Modular Design			
3.7.6	Material			
Technical Compliance Matrices				
Annex B Appendix 5 - MICROWAVE				
1	**SCOPE**	N/A	N/A	Section Heading
1.1	System Identification			
1.1.2	System Overview			
2	**APPLICABLE DOCUMENTS**	N/A	N/A	Section Heading
2.1	Government Documents			
2.2	Non-Government Documents			
3	**SYSTEM REQUIREMENTS**	N/A	N/A	Section Heading

Requirements		Compliant		Reference to applicable page and paragraph of Bid
		Yes	No	
3.1	General			
3.2	Required Modes and Sub-Modes			
3.3	Functional Requirements			
3.3.1.1	Controls and Indicator			
3.3.1.2	Easy time settings, selectable power levels and digital display			
3.4	External Interfaces			
3.4.1.1	Electrical Interfaces			
3.4.1.3	Mechanical Interfaces			
3.7	Design and Construction Restraints			
3.7.1	Functional Compatibility			
3.7.2	Form Compatibility			
3.7.3	Fit Compatibility			
3.7.4	Weight Compatibility			
3.7.5	Modular Design			
3.7.6	Material			
Technical Compliance Matrices				
Annex B Appendix 6 - STEWARD'S SINK				
1	**SCOPE**	N/A	N/A	Section Heading
1.1	System Identification			
1.1.2	System Overview			
2	**APPLICABLE DOCUMENTS**	N/A	N/A	Section Heading
2.1	Government Documents			
2.2	Non-Government Documents			
3	**SYSTEM REQUIREMENTS**	N/A	N/A	Section Heading
3.1	General			
3.2	Functional Requirements			
3.2.1.1	Larger sink			
3.3	External Interfaces			
3.3.1	Plumbing Interface			
3.5.4	Endurance			
3.6	Design and Construction Restraints			
3.6.1	Functional Compatibility			
3.6.2	Form Compatibility			
3.6.3	Fit Compatibility			
3.6.4	Weight Compatibility			
3.6.6	Material			
Technical Compliance Matrices				
Annex B Appendix 7 - DEEP FAT FRYER (REMOVAL)				
1	**SCOPE**	N/A	N/A	Section Heading
1.1	System Identification			

Requirements		Compliant		Reference to applicable page and paragraph of Bid
		Yes	No	
1.1.2	System Overview			
2	**APPLICABLE DOCUMENTS**	N/A	N/A	Section Heading
2.1	Government Documents			
2.2	Non-Government Documents			
3	**SYSTEM REQUIREMENTS**	N/A	N/A	Section Heading
3.1	General – REMOVAL WITHOUT REPLACEMENT			
Technical Compliance Matrices				
Annex B Appendix 8 - COFFEE MACHINE (REMOVAL)				
1	**SCOPE**	N/A	N/A	Section Heading
1.1	System Identification			
1.1.2	System Overview			
2	**APPLICABLE DOCUMENTS**	N/A	N/A	Section Heading
2.1	Government Documents			
2.2	Non-Government Documents			
3	**SYSTEM REQUIREMENTS**	N/A	N/A	Section Heading
3.1	General – REMOVAL WITHOUT REPLACEMENT			
Technical Compliance Matrices				
Annex B Appendix 9 - MILK DISPENSER (REMOVAL)				
1	**SCOPE**	N/A	N/A	Section Heading
1.1	System Identification			
1.1.2	System Overview			
2	**APPLICABLE DOCUMENTS**	N/A	N/A	Section Heading
2.1	Government Documents			
2.2	Non-Government Documents			
3	**SYSTEM REQUIREMENTS**	N/A	N/A	Section Heading
3.1	General – REMOVAL WITHOUT REPLACEMENT			

Appendix 3 to Annex H – Milestone Schedule

FIRM REQUIREMENTS

The schedules of milestones for which payments will be made in accordance with the Contract is as follows:

1. One (1) First Article System (FAS) Improve Galley (IG) including complete Technical Data Packages, Certifications and Manuals.

Milestone No.	Deliverable	Percentage of Payment	Estimated Delivery Date	Firm Amount
IG-1A	Boat Survey Report	5%		$_____
IG-1B	System Requirements Review Report (SRR)	5%		$_____
IG-1C	Preliminary Design Review Report (PDR)	10%		$_____
IG-1D	Critical Design Review Report (CDR)	10%		$_____
IG-1E	FAS Design Report (FASD RPT)	10%		$_____
IG-1F	FAS FAT Completed and Successful	10%		$_____
IG-1G	FAS, and spares delivered at destination	5%		$_____
IG-1H	FAS On board Installation and Set-to-Work	10%		$_____
IG-1I	FAS HAT Completed and Successful	5%		$_____
IG-1J	Final Design Provisional Report Acceptance	15%		$_____
IG-1K	Delivery of Technical Data Package	15%		$_____
FAS IMPROVED GALLEY UNIT PRICE		**100%**		**$_____**

Note: The Contractor may have to build multiple First Article Systems (FAS) during qualification tests and type approval. Canada will only pay for the Improved Galley which is accepted for installation on board of the Vessel. Milestones must be completed in sequential order and prior to beginning work on a Milestone approval must be given in writing by the CA of DND. Any work completed on a Milestone without prior written approval from CA cannot be billed to Canada.

Travel and Living Expenses for the Boat Survey to the DND facilities at Halifax and/or Esquimalt will be paid separately in accordance with Annex C, Paragraph 3, Travel and Living Expenses - National Joint Council Travel Directive. All travel must be approved prior to travel by the Technical Authority and the Contracting Authority.

2. Improved Galley Type Approval by a Marine Class Society with a valid security clearance, including a complete report from the Marine Classification Society and related certificate(s).

Milestone No.	Deliverable	Percentage of Payment	Firm Amount
IG-2A	Initial Submission IAW the contract at FAS FAT	60%	$_____
IG-2B	Final Submission IAW the contract at Final Design Provisional Acceptance	40%	$_____
IMPROVED GALLEY TYPE APPROVAL UNIT PRICE		**100%**	**$_____**

3. Three (3) Type Approved Improved Galleys including complete Technical Data Packages, Certifications and Manuals.

Milestone No.	Deliverable	Firm Unit Price
IG-3A	Delivery of first Follow-On Shipset (FOS)	$_____
IG-3B	Delivery of second (FOS)	$_____
IG-3C	Delivery of third (FOS)	$_____
THREE FOLLOW ON SHIPSETS TOTAL PRICE		$_____

4. Contractor-recommended and DND-approved Sets of two years' worth of Spare Parts for the Improved Galley.

The Contracting Authority will complete the following Spare Sets milestone payment schedule IAW the pricing sheet provided by the Contractor in its Financial Bid Presentation Sheet from the preliminary Recommended Spare Parts List (RSPL).

The preliminary Recommended Spare Parts List will be updated following the CDR. (Found in RFP - Annex C)

Milestone No.	Deliverable	Number of Sets	Firm Unit Price	Extended Price
IG-4A	FAS Improved Galley On Board Spares Set	1	$_____	$_____
IG-4B	FOS Improved Galley On Board Spare Sets	4	$_____	$_____
IG-4C	Improved Galley 2nd Line (2L) Spare Sets	2	$_____	$_____
IG-4D	Improved Galley Depot Spare Sets	2	$_____	$_____
SUM FOR IMPROVED GALLEY SPARE PART SETS				**$_____**

5. Field Service Representative and Supervision to Support ISW and HAT of the Improved Galley.

Description	Estimated Number of Days	Firm Daily Rate
Blended Daily rate for all classes of Field Service Representatives and supervision. Daily Rate does not include the Travel and Living expenses reasonably and properly incurred in the performance of the Work.	40	$_____

6. Unscheduled Work including extra Engineering, Supervision and other Support and Services, if required by Canada.

Description	Estimated Number of Days	Firm Blended Hourly Rate
Blended Hourly rate for all classes of labour, engineering and supervision, which includes overhead and profit. Hourly Rate does not include the Travel and Living Expenses reasonably and properly incurred in the performance of the Work.	40	$_____