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SOLICITATION AMENDMENT

MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Frigate Life Extension (FELEX) Project / Bureau de
projet de prolongation de la vie des frégates (BP
FELEX)

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Title - Sujet HCCS IN-SERVICE SUPPORT	
Solicitation No. - N° de l'invitation W8482-168150/D	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client W8482-168150	Date 2019-09-23
GETS Reference No. - N° de référence de SEAG PW-\$\$FX-008-27388	
File No. - N° de dossier 008fx.W8482-168150	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-01-13	
Time Zone Fuseau horaire Eastern Standard Time EST	
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes	
Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Fortin, Marie-Andrée	Buyer Id - Id de l'acheteur 008fx
Telephone No. - N° de téléphone (819) 939-3234 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

In-Service Support of the *Halifax*-class Combat Systems RFP – Questions and Answers Amendment no. 03

This amendment is being issued to make changes to the HCCS RFP, to answer questions received against this solicitation and to provide a copy of the Fleet Maintenance Facility (FMF) site visit presentation.

Part 1 – Amendment to the RFP:

1. Bid closing date:

Delete: 8 November 2019

Insert: 13 January 2020

2. Section 4.3.2, Table 2 - Point-Rated Technical Evaluation Criteria

Delete: Aspect (f) *a description of how the solution relates to and influences the work*; from each of the 13 Point-Rated Technical Evaluation Criteria.

3. ITB/VP – Evaluation Plan

Section 4.1.1. Management and Emergent Work

Delete: The Bidder may commit to achieve Direct Transactions in the Defence Sector relating to Management Work as described in section 6 of the Bidder Instructions. Points will be awarded as follows:

Insert: The Bidder may commit to achieve Direct and Indirect Transactions in the Defence Sector relating to Management Work as described in section 6 of the Bidder Instructions. Points will be awarded as follows:

Table 4.3 – Transaction Scoring

Delete: Identification of Direct Transactions in the Defense Sector

Insert: Identification of Direct and Indirect Transactions in the Defense Sector

Table 4-2 – Draft Evaluation Scenario

Delete: Identification of Direct Transactions in the Defence Sector (Maximum of 10)

Insert: Identification of Direct and Indirect Transactions in the Defence Sector (Maximum of 10)

Part 2 - Questions and Answers:

Q83 - RFP section 4.3.2, Criteria 1 through 13, Aspect F: The requirement asks the Bidder to clearly describe how the “solution relates to and influences the work”, however, Canada’s desired output for this requirement is not clear. In a discussion across the team, this particular aspect was interpreted vastly differently from person to person underlying the subjective nature of the requirement. As a result,

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Canada is kindly requested to provide additional clarification as to the intent of this solution aspect, and to provide an example to clearly illustrate the requirement if merited.

A83 - Canada has decided to remove this Aspect in each Point Rated Technical Criteria.

Q84 - RFP section 4.3.2, Criteria 2, Start-Up Phase: As the mobilization of an ISS program is complex and involves the consideration and coordination of a many interconnected/dependent activities, Canada is requested to extend the bid submission page allowance for the Start-Up Phase technical criterion from 15 to 20 pages. This additional page allocation will allow Bidders to fully describe their solutions for the establishment of the HCCS ISS program.

A84 - Yes, Canada will increase the page limit for Point Rated Technical Evaluation Criterion #2, Start-Up Phase, from 15 to 20 pages.

Q85 - RFP section 4.3.2, Criteria 1-13, Relevant Experience: Canada is requested to clarify whether the expectation is for Bidders to relate their corporate past performance experience (ISS or in a major acquisitions project) solely to the solution technical elements as proposed in Aspect A "A description of the Solution" or whether Canada's expectation is that Bidders align their corporate past performance experience with each of the Aspects listed (A-I).

A85 - As indicated in the Point Rated Technical Evaluation Criteria, under Relevant Experience, the bidder should demonstrate its experience and capability with specific examples of relevant past experience which proves ALL Aspects (i.e. Aspects a-i) of the Proposed Solution.

Q86 - RFP 7.36: Canada is requested to clarify whether travel that is in support of Management fee activities (i.e. PRMs, TRMs) are to be included in the Management Fee or will be separately authorized and funded?

A86 – Travel that is in support of Management fee activities (i.e. PRMs, TRMs) will be separately authorized and funded.

Q87 - In providing a comprehensive ISS solution, the Prime contractor would lead a robust team including subcontractors who bring excellence in key areas essential to the delivery of an optimized sustainment solution. As a result, the program management team, led by the Prime contractor, may offer the best solution by including key subcontractor personnel as part of this team. This establishes an integrated team with the most appropriate resources represented as part of the program management team. This approach results in the most efficient management of the program and is integral to a relational contracting and collaborative environment. As a result, we requests that further consideration be given to allowing Tier 1 subcontractor personnel to be part of the management team, and thus allow mandatory personnel as part of this team who are not within the Prime's employ at both the time of bidding and in execution.

Should this option not be suitable to Canada, we requests the following:

As Bidders are being evaluated on their experience in the provision of in-service support or in a major acquisitions project in the defence sector (M1 and R1-R13), where this experience can be garnered through execution of ISS contracts across a variety of platforms, Canada is requested to broaden the Senior Systems Engineer, East Coast Representative, and West Coast Representative mandatory requirements which currently state that these positions must have experience with Canadian NAVAL combat systems or NAVAL radars specifically. Broadening of the requirement to remove the term 'naval' is in line with the RFP's past experience requirements which acknowledges Bidder experience in

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performing systems engineering or maintenance work in support of combat systems on a variety of platforms, not only those within a naval context.

A87 – After careful consideration, Canada has decided to not make any changes to the requirements of the HCCS Program Management team. As per the technical evaluation criteria specified in M2 through M5, those proposed for these specific positions:

“ must be an employee of the Bidder, or have entered into an agreement with the Bidder to become an employee of the Bidder for the purpose of any Contract that results from this RFP, and the Bidder will supply evidence of this upon request of the Contracting Authority.”

For the Senior Systems Engineer, Canada is not requesting extensive Naval Radar experience, only 4 years out of the 8 years must contain Naval experience. The requirement was written to allow the Bidder to draw on experience performing systems engineering or maintenance work in support of combat systems on a variety of platforms. However, CANADA deems necessary that some of that experience must be Naval for the following reasons:

1. To enable the Contractor to achieve Steady-State as quickly as possible.
2. To effectively communicate with the Naval Radar OEMs;
3. To understand the unique Naval culture, processes, requirements and operational environment.

Q88 - To clarify the definition of Critical Program Information (CPI) as it pertains to this RFP, could Canada provide examples of the TYPES of information that would or should be considered CPI?

A88 – Examples of CPI are listed in Section 3.12.3 of the PWS:

- a. Information about applications, capabilities, processes, and end-items;
- b. Elements or components critical to a military system or network mission effectiveness;
- c. Technology that would reduce the Canadian technological advantage if it came under foreign control;
- d. Classified military information which is considered a national security asset that will be protected;
- e. Intellectual Property;
- f. Design information;
- g. Controlled Goods information; and
- h. Commercial-off-the shelf (COTS) technology that fulfill a critical function within the system.

Q89 - IT Security for Contract W8482-168150, Para 2.1.2, 2.5.1, 2.5.4, 3.6.1 et al.

This section refers to “...contractual information...” frequently and Para 2.5.4 specifically states “All contractual information must be segregated from other contractual and corporate information in a way which allows all contractual information to be immediately security wiped upon request from CISD or the DND Project Lead.”

Contractual information is open to a very broad interpretation and could include:

- Invoices to the Crown for work performed which is also corporate information;
- Purchase Orders (PO) & shipping documents (bills of lading, packing lists etc.) which is also corporate information;
- DID's such as Performance Management Plans and Meeting Minutes;
- Email or Letter correspondence between the Contractor and PSPC.

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Some of these items are integral to the Contractors Enterprise Resource Planning (ERP) software systems.

Would transactional business Information that would normally be integral to a business's ERP system such as those noted above be considered "Contractual Information"? Please provide sample data types and examples of what would be considered "Contractual Information".

A89 - Because PROTECTED (Protected A and Protected B) and CLASSIFIED (Confidential and Secret) information will need to be exchanged within this contract, it is recommended that the HCCS Contractor have two Information Systems (IS):

- one approved up to PROTECTED B, hereby referred to as the PROTECTED IS; and
- one approved up to SECRET, hereby referred to as the SECRET IS.

The IT Security Requirements document that was provided with the RFP outlines the security requirements for the SECRET IS that will be used for the processing, production and/or storage of sensitive information up to and including the level of SECRET. The most basic SECRET IS configuration is a single standalone TEMPEST workstation with a removable hard drive and a local TEMPEST printer. CLASSIFIED Information will be transferred to/retrieved from the SECRET IS using CDs/DVDs. It is not recommended that PROTECTED or unclassified information be stored in this SECRET IS as the information would automatically endorse the IS' security classification and as a result would be cumbersome to retrieve. The term "contractual information" mentioned in the CLASSIFIED IT Security Requirements document that was provided with the RFP refers to CLASSIFIED contractual information only (i.e. Confidential and Secret documents). Please note that it is expected that very few CLASSIFIED documents will need to be exchanged with the HCCS Contractor.

DND will need to provide a separate IT Security Requirements document for the PROTECTED IS. DND will also need to provide an updated IT Security Requirement document for the SECRET IS as the template for this document has been updated. Please note that the term "contractual information" has been replaced with "proprietary information" in the new template. These two documents will be provided shortly.

Q90 – Ref: DID SE-003 EC Specification - Para 10.7 and subsequent use the undefined acronym "RF". Please define this acronym.

A90 – RF means Repair Facility

Q91 - DID SE-004 Installation Guidance Package, para 3.1 and subsequent use the undefined acronym "DAg", assumed to mean Design Agent. Please confirm.

A91 – Yes, it means Design Agent.

Q92 - "A14 - C-03-005-012/AM-001 is the Naval Materiel Management System Manual (NaMMS) and it will be made available to the bidders upon request after the release of the final RFP. As stated in section 2.3 of the PWS, the MSC program Plan will be provided after contract award." We would like to formally request a copy of C-03-005-012/AM-001, Naval Materiel Management System Manual (NaMMS)

A92 – NaMMS is already included in the TDP that is delivered upon request.

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Q93 - Part B, Page 2 - Please confirm if there is any Classified Unrestricted information in existence for this program. The SRCL Supplemental Security Guide implies that the only current classified documentation is associated with AN/SPG-516 Mk 4 FCS, which is CAN/US only.

A93 - Very little Classified Unrestricted or Classified Restricted information exists. There may be occasional Classified OPDEFs. Trial results (e.g. arising from performance trials or trials verifying tech-refreshes) may be Classified [CAN/US only if there is involvement with the Combat Management System (CMS)] There may also be the occasional Classified document/specification related to the CEROS-200 system.

Q94 - Please clarify if the AN-SPG-516 Mk4 FCS, denoted in the SRCL Supplemental Security Guide as Restricted Secret information, and the Fire Control System CEROS200 identified on page 1, Part 1 – General Information - subsection 1.2.2 e. of the HCCS ISS RFP dated 2019-07-08 are the same equipment grouping or, if not, if they are related in any way.

A94 - Yes, they are the same equipment. AN-SPG-516 is the official Canadian Naval nomenclature assigned to the system. CEROS-200 is the name of the system provided by the OEM.

Q95 – Please confirm the quantity (in pages if hard copy or gigabytes if electronic) of Classified Restricted information/data and Classified Unrestricted information/data for this contract.

A95 - Very little Classified Unrestricted or Classified Restricted information exists. There would be occasional Classified OPDEFs. Trial results (e.g. arising from performance trials or trials verifying tech-refreshes) may be Classified [CAN/US only if there is involvement with the Combat Management System (CMS)] There may be the occasional classified document/specification for the CEROS-200.

Q96 - The answer provided to Q66 in Amendment 1 dated 2019-07-09 uses the term “GC sensitive data”, which is not a recognized designation for Protected or Classified information. Please clarify if this term is being used to indicate CLASSIFIED information only? Does it include Protected information if any exists in this program?

A96 - GC sensitive data is a general term indicating that the data has a level of sensitivity (in this case “protected or classified”) and must be treated accordingly. It does not represent a specific level. In the case of Question 66 in Amendment 1 dated 2019-07-09, it relates to every IT system/equipment used to process, produce and/or store GC Protected or Classified data. So, if “Mobile computing / Teleworking” was to be allowed, additional Security Requirements pertaining to the Mobile computing and/or Teleworking would be required and CISC would have to inspect / approve the contractor’s system accordingly. Note that the other end of the “Mobile computing / Teleworking” must be capable / be approved by CISC to work at the same level of data sensitivity as the system it is communicating with.

Q97 - Please confirm if there exists any Protected A and Protected B information/data for this contract.

A97 - Yes, PROTECTED (Protected A and Protected B) information exists. The SRCL will be updated to include Protected A and Protected B information. Some examples of PROTECTED information include (but not limited to) the following: ITAR data, Controlled Goods, Company Restricted documentation from the OEMs, OPDEFs, IP, Visitor Clearance Requests (VCRs), etc. It is unknown how much Protected B information exists. There will need to be some discussion after contract award to determine how Protected B information will be transferred between the

HCCS Contractor and DND (e.g. encrypted Web Portal). The SRCL will also be updated to allow for an IT link between the HCCS Contractor and DND in order to be able to transfer Protected B documents. Furthermore, DND will need to provide a "Connectivity Criteria" document that outlines the requirements for the IT link. This will be provided shortly.

Q98 – ITB-VP Bidder Instructions, section 5.2.1, Page 12 - Please clarify the date of foreign currency conversion that should be used for any identified transactions at bid time.

A98 – The bid submission date should be used for all transactions being identified at bid time.

Q99 – ITB-VP Bidder Instructions, Appendix B, Page 22 - The table provided in Appendix B: Rated criteria certificate, under Management and Emergent Work, line 3 "Direct and Indirect Identified Transactions" references Terms and Conditions Commitment Article 3.1.2.1. It further states "Article 3.1.2.1 will include the percentage value of either the commitment or the identified Transactions, whichever is higher". Will CANADA clarify that identified transactions is separate and different than commitments. Will CANADA also clarify whether the identified transactions will be measured as a % of Contract Value or a dollar value?

A99 – Identified transactions are part of commitments. Please refer to the evaluation methodology specified under Section 4.1.1.5 of the updated HCCS ISS Evaluation plan included in this amendment.

Q100 - ITB Evaluation Plan, section 4.2.2.1, Page 11 - There is no mention of the 100% cap on identification in the ITB-VP Bidders Instructions. Will CANADA clarify that points for identification is capped at 100% of Contract Value? If CANADA is evaluating identification based on dollar value, how will the evaluators know when 100% of identification has been reached?

A100 - Please refer to Section 4.2.2.1 of the updated HCCS ISS ITB Evaluation Plan included in this amendment.

Q101 – ITB/VP Evaluation Plan, section 4.1.1.5, Table 4.3, Pages 9 and 12 - CANADA states "The bidder may identify Direct Transactions as described in section 6 of the Bidder Instructions". In the following sentence CANADA states, "Points will be awarded for the identification of Direct and Indirect Transactions, measured in CCV.". Further on in the same document, on page 12 in Table 4.3 where CANADA summarizes the rated evaluation scoring, CANADA states "Identification of Direct Transactions in the Defence Sector" is worth 10 points. Can CANADA confirm if the 10 evaluation points assigned to identification are tied to both Direct and Indirect transactions or simply Direct transactions - in which case a 100% cap can be assumed?

A101 – The identification of transactions requirement has been updated and is included in the updated ITB Evaluation Plan attached to this amendment.

Q102 - On page 16, 17 and 18 of the ITB-VP Bidder Instructions, sections 6.1.2, 6.1.3, 6.1.4 and 6.1.5 all seek supporting documentation to justify how proposed Transactions align with the Value Proposition (VP) pillars. It is requested CANADA provide clarification on what type of supporting documentation is expected for each VP pillar.

A102 - The requirement to provide supporting documentation is not mandatory and should only be included if there is the potential for a given transaction's VP pillar linkage to be unclear. If a transaction sheet lacks sufficient detail on its own, the bidder should include a more detailed

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transaction description, focusing on exactly how the transaction aligns with the VP pillar in question.

Q103 – Please confirm if CANADA has intentionally elected not to use the most current ITB Terms and Conditions. Specifically, can CANADA confirm it does not intend to award a 5x multiplier for contributions to skills development and training with Indigenous Peoples or majority Indigenous-controlled educational or training facilities?

A103 – Preparations for the HCCS ISS procurement began prior to the latest update to the model Terms and Conditions (T's & C's). Canada may consider including the language from the updated T's & C's once a contract has been awarded for the HCCS ISS procurement.

Q104 - Currently, Section 1.19 (Definition of Contract Value) and Sub Section 1.1.9.1 (Definition of Contract Value for ITB purposes) contradict each other. Can CANADA confirm the Contract Value for the purposes of ITB Commitments excludes all work performed by the OEMs for the legacy HCCS systems? For clarity, it is suggested that the definition be adjusted to read: "Contract Value for ITB purposes means all work performed under the contract excluding any portion of the payments which are made by the contractor for work performed and spare parts acquired outside of Canada from OEMs."

A104 - Please refer to Canada's response to Q71 in Amendment no. 02, In-Service Support of the Halifax-class Combat Systems, RFP – Questions and Answers.

Q105 – ITB/VP Evaluation Plan section 4.3, Page11 - CANADA's current approach to transaction identification favours the contractor with the highest price. Is this CANADA's intent? It is suggested that points for "transaction identification" be based on percentage of contract value and not dollar value.

A105 - Please refer to the evaluation methodology specified under Section 4.1.1.5 of the updated HCCS ISS ITB Evaluation plan included in this amendment.

Q106 - Canada cannot provide Bidders with the estimated volume of Emergent work anticipated under the HCCS ISS contract, which prevents Bidders from establishing the overall Contract Value and correspondingly a Value Proposition commitment. Canada is requested to remove the evaluation of all Emergent Work from this solicitation. Further, it is recommended that the Contract Value be defined as the total cost of the Management Work over the full 12-year term of the contract. Consequently, in relation to the Value Proposition Canada is recommended to remove the evaluation of the Bidder's commitment to achieving direct transactions in the Defence sector relative to Emergent Work (50pts) and remove the evaluation of transactions that are identified at the time of bid closing; maintenance of this final VP commitment will, in the scenario described above, award the Bidder bidding the highest Management fee.

A106 - Please refer to Canada's response to Q71 in Amendment no. 02, In-Service Support of the Halifax-class Combat Systems, RFP – Questions and Answers.

Q107 - It is noted that as part of the Final RFP Canada has entirely removed the Supplier Development Pillar from the rated component of the Value Proposition. This removal aligns with the final definition of Bidder under the solicitation which requires the Bidder to solely hold all past performance demonstrating their ability to execute the work in its entirety, therefore resulting in the Bidders ability to self-perform all aspects of the program independently. However, the mandatory requirement for a commitment to achieve not less than 15% of the Contract Value in transactions involving SMBs remains within the RFP. Leaving this requirement at 15% would contradict Canada's decision to remove the Supplier Development Pillar. Most recently, Canada through its Future Fighter Capability Project solicitation

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(released 23 July 2019) has eliminated the requirement for Bidder commitments to achieve transactions involving SMBs with respect to Sustainment activities. As a result, with respect to the HCCS ISS program which is a sustainment contract, Canada is requested to eliminate or significantly reduce (ex 5%) the commitment requirement for Bidders to achieve transactions involving SMBs.

A107 - Small and Medium-Sized Enterprises (SMEs) account for significant job creation in Canada. It is particularly challenging for SMEs to participate in global value chains, as prime contractors are increasingly seeking to work with larger companies that have the capacity to undertake R&D and share in risks. SMEs are integral to the ITB policy and their participation in global value chains can result in strong growth potential. Prime contractors will be expected to involve SMEs, in fulfilling generally 15 percent of their ITB obligation and may be incented to exceed this floor.

Value Proposition (VP) is a key feature of the ITB Policy and is what the bidder proposes to Canada at the time of bid. Each VP framework is developed based on a unique set of requirements associated to each individual procurement. Decisions on the design of VP frameworks are highly collaborative and are informed by extensive interdepartmental and industry engagement, including in-depth market analysis of Canadian capabilities, innovation activity and global export opportunities. This tailored approach for VPs allows the government to steer bidder investments toward strategic and high-value activities.

Q108 – In order to develop and respond effectively to the RFP requirement, and to ensure fairness to all bidders and a competitive response to Canada, it is requested that the following data (which is available to some bidders, i.e. OEMs) is provided to all bidders:

- Equipment Tree with NSNs and CAGE codes.
- Data regarding recent spares demand rates.
- Data regarding recent spares usage rates, once demanded.
- Data regarding recent mean times between failure (MTBF).
- Data regarding defective items replaced, versus defective items repaired and returned to stock.
- Expected stock holdings for operational units.
- Expected routine spares usage for planned maintenance activities.
- Expected routine spares usage for planned overhaul activities.
- Obsolescence occurrences.
- Expected inventory available at contract commencement.
- Current SPTaTE holding.
- Current Technical Data Packs for each system.
- Recent OPDEF data including numbers, categories and time taken to repair once spares were available.

A108 - In the final RFP, Appendix 2 was updated to provide the high level family tree for the HCCS Equipment Group. Canada believes that the updated information provided in Appendix 2 is all that is required for Bidders to submit a bid. The information being requested will be provided to the winning bidder after contract award. Some of the information being requested is proprietary (e.g. technical data packs) and cannot be provided before contract award.

Q109 - Section 7.1 of the PWS states that “the contractor must be prepared to transition to an Electronic Information Exchange process when it is made available to DND”. Without detailed requirements and interfaces for the Electronic Information Exchange (EIE), bidders could over estimate effort resulting in inflated Management Costs. It is recommended that CANADA define all work associated with a transition

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to an EIE as Emergent Work when the implementation of an EIE is required. This will ensure a clear understanding of the scope of the work and will result in comprehensive basis of effort and costs. Please confirm if this approach is acceptable and that the work associated with the transition to an EIE will be contracted as Emergent Work.

A109 - The Mandatory requirements in Section 7.1 are not prefaced with the words "As part of Management Work ..." so are therefore Emergent Work.

Q110 - Section 7.2 of the PWS states that "following any changes to the HCCS EG, the Contractor must provide necessary updates to the DRMIS system of record". If unknown, undocumented or unauthorized changes are made to the HCCS EG and the contractor is not advised, this mandatory outcome is unachievable. It is recommended that CANADA change section 7.2 to "the contractor must provide necessary updates to the DRMIS system of record for changes to the HCCS EG that have been documented and brought to the contractor's attention". Alternatively, CANADA can confirm that no unknown / undocumented / unauthorized changes will take place.

A110 - Canada does not anticipate that unknown / undocumented / unauthorized changes will take place.

Q111 - Section 7.2 of the PWS states that "the Contractor must provide accurate updates". CANADA is requested to provide clarification on what constitutes an "accurate" update.

A111 - The update must reflect what was actually changed for the HCCS EG. For example, spares inventory must be accurately updated in DRMIS to reflect the actual quantities of spare parts available or under repair.

Q112 - Section 7.1 of the PWS states that "the contractor must exchange Technical Data and Transactional Data in accordance with predefined IE process models which will be developed in the Start-Up Phase". It is assumed that the reference to "predefined" means those processes will be defined and developed during the Start-Up Phase and therefore become predefined for the Steady State Phase. It is recommended that CANADA concur with this assumption or further clarify the requirement.

A112 - CANADA concurs with this assumption.

Q113 - Please confirm that a bidder's existing IT infrastructure and WAN (accredited up to PROTECTED A) is acceptable for use for the HCCS ISS contract as a network for Unclassified or Protected A information.

A113 - Only after it has been certified by the Canadian Industrial Security Directorate (CISD). As it is expected that Protected B information will be transferred in this contract, the bidder's existing IT infrastructure will need to be certified up to Protected B. As mentioned in A89, DND will need to provide a separate IT Security Requirements document for the PROTECTED IS, which must be met by the HCCS Contractor's existing IT infrastructure if it is to be used to process PROTECTED information (up to Protected B).

In order for CISD to be able to certify a bidder's existing IT infrastructure for handling PROTECTED information, the HCCS Contractor will need to be registered with the PSPC Contractor's Security Program (CSP). Once registered, the HCCS Contractor will receive a Facilities Security Clearance from CISD following a security inspection. CISD will then award a Designated Organization Screening (DOS for the PROTECTED IS) and a Document Safeguarding Capability (DSC for the CLASSIFIED IS). Once awarded, CISD will inspect the

HCCS Contractor's IT system(s) to ensure that the IT security requirements are being met. The details are described in the RFP.

Q114 – Section 4.3.2 of the RFP - Table 2 – Point Rated Technical Evaluation Criteria No. 1 through 13 state, “The described solution should include each of the following Aspects” in relation to points a. to i. In this context, ‘Aspects’ implies ‘areas or points to be addressed in the written description of the proposed solution. On page 36 of the RFP, the term ‘Aspects’ is used as follows ‘Suppose the Bidder’s proposed solution to a specific Point Rated Technical Evaluation Criteria has 4 key Aspects (labelled A, B, C, D for illustration purposes). In this context, ‘Aspects’ implies a ‘Feature’ or ‘Characteristic’ of the proposed solution to the evaluation criteria. Please provide a clarification/definition for the term ‘Aspects’.

A114 - The described solution should include all the Aspects (a-i) listed. If one or more Aspects are not addressed, then this is considered a weakness. It is expected that most bidders will address most, if not all, the aspects.

The number of Aspects (a-i) proven in the Reference Contracts provided by the bidder will determine the Experience/Proven Solution Score. The example provided was only for illustration purposes.

Q115 – RFP, Figure 2 – Point Rated Technical Evaluation Criteria word Scale – Experience/Proven Solution defines that scoring is based on proving ‘Aspects’ through Experience/Proven Solutions. In relation to the previous question, please clarify/define what is meant by ‘Aspects’ in the context of Experience/Proven Solutions.

A115 - The reference contract(s) should prove as many of the Aspects (a-i) included in the proposed solution that was provided.

Q116 - M1 states “At least five (5) consecutive years of the contract term must have been completed within the last fifteen (15) years”. Please confirm if this is within 15 years of RFP release or close date.

A116 - This is within 15 years of the RFP closing date.

Q117 - The term Material and Materiel is used interchangeably throughout the RFP and support documentation. Some examples include:

1. Hazardous Materiel (Logistics SOW p9 of 16) Vs. Hazardous Material (multiple instances in RFP)
2. ADM (Material) (Logistics SOW) Vs. ADM (Materiel) official appellation
3. Repairable material (Logistics SOW, multiple instances) Vs. Repairable materiel (Logistics SOW, p8/16)
4. GSM (Government supplied material) (RFP section 7.67) Vs. Government supplied materiel

Please provide a definition of ‘Material’ and ‘Materiel’ and confirm that each term was used appropriately throughout the RFP.

A117 - Generally speaking, Material refers to goods and substances used to make something, or something's constituent substances. Materiel refers to military equipment. According to DND's Defense Terminology Bank, Materiel is defined as “All public property, other than real property, immovables and money, provided for the Canadian Forces or for any other purpose under the National Defence Act, and includes any vessel, vehicle, aircraft, animal, missile, arms, ammunition, clothing, stores, provisions or equipment so provided.”

To the best of Canada's knowledge the terms are used correctly in the RFP except for the following instance:

- Section 7.1, c of the PWS should be Materiel Management to be consistent with the PWS.
- To the best of Canada's knowledge the terms are used correctly in the Logistics SOW (LOGSOW) except for the following instances:
 - ADM(Mat) is ADM Materiel
 - Repairable Material should be Repairable Materiel
- The LOGSOW references A-LM-184-001/JS-001. Inconsistencies within the LOGSOW should be reconciled with A-LM-184-001/JS-001 (dated 2019-05-06) until the LOGSOW is updated by DND.
- GSM is Government Supplied Material according to DND's Defense Terminology Bank
- Hazardous Material and Hazardous Materiel should be treated the same.

Q118 - In reference to RFP section 5.2.3.1 Non Exclusivity Certification, is it to be understood that this certification limits exclusive partnering arrangements for the purpose of bidding on the HCCS ISS?

A118 - No, it does not impose such limit.

Q119 – Ref: DID SE-001 SEMP Item 10.2 c. “how the Design Agent function for the HCCS EG will be implemented and managed”. We understands that the Design Agent function is already implemented and managed under a separate Halifax-class Design Agent and Support Services Contract” per PWS para 2.2.3.5.1. Can the above Item be interpreted to mean “how the Contractor will integrate its Engineering Support Services with the Design Agent function”?

A119 – The statement in item 10.2 c will be removed from DID SE-001 – System Engineering Management Plan.

Q120 - DID SE-004 Installation Guidance Package, para 3.2, “Purpose” describes information provided by Canada in the IGP to be used by the Contractor to develop an ECID, IA, and MMS Report Part 2. However, the IGP is identified as a Contractor deliverable, providing installation design guidance to the DAg. The ECID, IA and MMS Report Part 2 are not identified as Contractor deliverables. Please clarify.

A120 – The statement for para 3.2, “Purpose”, should read “ Canada uses the information in the IGP as the basis for design requirements for the development of an Engineering Change Installation Design (ECID), Impact Analysis (IA) and Margin Management System (MMS) Report part 2 to the existing functional and/or physical baseline configurations of the Halifax-class frigates. This will be updated in the final version of the DID for SE-004.

Q121 – In response to Q27 Canada responded in part that “To be clear, the existing contracts between Canada and the OEMs will eventually expire and the HCCS contractor will assume the work.” Can Canada please supply the expiry dates for each of the subject contracts?

A121 – Please see updated tables:

Repair and Overhaul contracts:

Vendor	Systems	R&O Contract No.	Contract Award Date	Expiry Date / Option years
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N° de l'invitation - Solicitation No.
W8482-168150/D
N° de réf. du client - Client Ref. No.
W8482-168150

N° de la modif - Amd. No.
003
File No. - N° du dossier
008fx.W8482-168150

Id de l'acheteur - Buyer ID
008fx
N° CCC / CCC No./ N° VME - FMS

Raytheon	Navigation Radar NSC-26, SPS 49 and CWI	W8482-07ZF02	Jan 2009	Nov 2019 (Intend 1 year extension)
Saab	2D Radar SG-180, SG-150 and Fire Control System CEROS 200	W8482-168118	June 2018	June 2021 + one year option period
Telephonics	Identification Friend or Foe MK XIIA	W8482-132668	Jan 2015	Jan 2020
Telephonics	Identification Friend or Foe MK XIIA	W8482-183862	Jan 2020	Jan 2021 + 3 one year option period
Thales	3D Radar SMART-S, STIR	W8482-156364	May 2015	May 2020

Spare Parts contracts:

Vendor	Systems	Spare Parts Contract No.	Contract Award Date	Expiry Date / Option years
Raytheon	Navigation Radar NSC-26, SPS 49 and CWI	No current contract	-	-
Saab	2D Radar SG-180, SG-150 and Fire Control System CEROS 200	W8482-133858	Apr 2013	Oct 2020 Intend extension to June 2020
Telephonics	Identification Friend or Foe MK XIIA	W8482-146253	Mar 2015	Mar 2020
Thales	3D Radar SMART-S, STIR	W8482-156349	May 2015	May 2021

SG-AMB acquisition contract (Saab):

- The first SG-AMB system is expected to be delivered in Spring 2021 with evaluation expected to be completed by Fall 2021.
- Limited support for the first SG-AMB is expected to start in mid-2022 for spares procurement and repairs.
- Canada may exercise options to procure additional SG-AMB systems for delivery from 2023 to 2029 at a rate of two systems per year for a maximum of thirteen systems.
- If these options are exercised, full support for the SG-AMB would be expected to begin between 2026 and 2029.
- The SG-AMB project converts the legacy SG-180 system to a SG-AMB system through replacement of the above deck antenna platform and modifications to the legacy SG-180 below deck equipment.
- Please note the dates above are estimates only and can change at any time.

All other terms and conditions remain the same.

**HALIFAX-CLASS COMBAT
SYSTEMS
IN-SERVICE SUPPORT PROJECT**

Industrial and Technological Benefits

Evaluation Plan

Updated on
5 September 2019

Halifax-Class Combat Systems In-Service Support Contract

The Halifax-Class Combat Systems In-Service Support (HCCS ISSC) contract will provide support for each of the six (6) HCCS systems installed on the Halifax class frigates. Under this new approach, a single contract will be issued under which the Contractor will provide program management, support and coordinate with the OEMs for each of the HCCS systems who will continue to provide long term In-Service Support (ISS) for their systems.

For the purpose of the HCCS ISSC, the Industrial and Technological Benefits Policy (ITB) including Value Proposition (VP) will apply to all work performed by the Contractor but excluding the cost to the Contractor of the Work performed and the spare parts acquired outside of Canada for the Halifax-Class Combat Systems over a period of twelve (12) years. This approach will ensure that new work performed under this contract by the Contractor is fully leveraged and provides benefit to Canada, while recognizing that these are legacy systems with well-established supply chains. As such, the HCCS ISSC is not adjusting the In-Service Support arrangements currently in place for legacy HCCS systems.

TABLE OF CONTENTS

1 INTRODUCTION

2 MANDATORY REQUIREMENTS

3 MINIMUM ASSESSMENT VALUES

4 RATED EVALUATION

5 PROCESS

1. INTRODUCTION

- 1.1. The purpose of the Value Proposition (VP) Evaluation Plan (Evaluation Plan) is to describe the methodology that will be used to evaluate the VP Proposal (Proposal) submitted by the Bidder.
- 1.2. The Proposal will be evaluated as either responsive or not responsive. The Proposal will be deemed responsive if it: i) meets all of the mandatory requirements outlined in Section 2; and, ii) meets the minimum assessment values outlined in Section 3.
- 1.3. All responsive bids will then be evaluated based on rated criteria, as outlined in Section 4.
- 1.4. The results of the evaluation will be conveyed to the Contracting Authority. The results will then be integrated into the overall bid evaluation results, as outlined in section [XX] of the Halifax-Class Combat Systems In-Service Support project's (the Project) evaluation plan.
- 1.5. The Bidder is strongly encouraged to closely review the entire Bidder Instructions document.
- 1.6. Defined terms not otherwise defined in this document have the meaning given to them in the ITB Terms and Conditions and the Request for Proposal, including appendices, to which this Evaluation Plan is attached.

2. MANDATORY REQUIREMENTS

- 2.1. The chart below details each mandatory requirement and how the ITB Authority will assess whether it has been met. The Proposal will be assessed as responsive or not responsive. To be considered responsive, all mandatory requirements must be met.

Mandatory Requirement	Method to Confirm
1. Bidder commits to achieving Transactions, measured in Canadian Content Value (CCV), valued at not less than 100 percent of the Contract Value <i>[100 percent or the total CCV of identified Transactions, whichever is higher]</i> , to be achieved within the Achievement Period.	Mandatory requirements certificate is duly signed and submitted.

2. Bidder commits to achieving not less than 15 percent, of the Contract Value (including options) in Small and Medium Business Transactions, measured in CCV.	Mandatory requirements certificate is duly signed and submitted.
3a. Bidder commits to identifying one (1) year after Contract award, Transactions that are detailed, fully described and bring the cumulative total of identified Transactions to not less than 60 percent of the Contract Value, measured in CCV.	Mandatory requirements certificate is duly signed and submitted.
3b. Bidder commits to identifying three (3) years after Contract award, Transactions that are detailed, fully described and bring the cumulative total of identified Transactions to 100 percent of the Contract Value, measured in CCV	Mandatory requirements certificate is duly signed and submitted.
4. Bidder accepts all of the ITB Terms & Conditions.	Mandatory requirements certificate is duly signed and submitted.
5. Bidder submits all the required components in its Proposal: <ul style="list-style-type: none"> • Company Business Plan • ITB Management Plan • Regional Development Plan • Small and Medium Business Development Plan • Gender and Diversity Plan • Detailed transaction sheets, accompanied by a summary chart of all Transactions. 	Presence of each required component in the Proposal and the Mandatory requirements certificate is duly signed and submitted.
Signed Mandatory requirements Certificate of Compliance	
Table 2-1, Mandatory Requirements Evaluation Chart	

3. MINIMUM ASSESSMENT VALUES

3.1. The Plans will be evaluated to determine if they meet the minimum assessment values below.

3.1.1. The Bidder’s five Plans (i.e. Company Business Plan, ITB Management Plan, Regional Development Plan, Small and Medium Business Development Plan and Gender and Diversity Plan) will be evaluated to confirm that they are present in the Proposal. The Plans (i.e. Company Business Plan, ITB Management Plan, Regional Development Plan and Small and Medium Business Development Plan) are then assessed for quality and for risk, using the assessments in Tables 3-1 and 3-2.

3.1.2. Quality will be assessed as to whether the Plans respond to the requested components outlined in Section 5 of the Bidder Instructions, the level of detail in the component, and how well the content of the Plan meets the ITB Objectives outlined in Section 3 of the Bidder Instructions.

3.1.3. Quality will be assessed on a scale of one (1) to four (4), using the values below in Table 3-1.

VALUE	PLAN – QUALITY ASSESSMENTS
4	<p>SUPERIOR Plan contains detailed responses to four or more of the requested items in Section 5.1 to 5.2, both inclusive, as applicable, of the Bidder Instructions. The Plan demonstrates that many of Canada’s ITB Objectives will be met.</p>
3	<p>GOOD Plan contains detailed responses to three of the requested items in Section 5.4 to 5.7, both inclusive, as applicable, of the Bidder Instructions. The Plan demonstrates that several of Canada’s ITB Objectives will be met.</p>
2	<p>POOR Plan contains detailed responses to two of the requested items in Section 5.4 to 5.7, both inclusive, as applicable, of the Bidder Instructions. The Plan demonstrates that some of Canada’s ITB Objectives will be met.</p>
1	<p>VERY WEAK Plan contains detailed response to one or less of the requested items in the Section 5.4 to 5.7, both inclusive, as applicable, of the Bidder Instructions. The Plan does not demonstrate that Canada’s ITB Objectives will be met.</p>

Table 3- 1, Plan Quality Assessments

3.1.4. Risk will be assessed as to whether the Plans respond to the risk areas outlined in Section 5 of the Bidder Instructions and the level of detail provided.

3.1.5. Risk will be assessed on a scale of one (1) to four (4), using the values below in Table 3-2.

VALUE	PLAN - RISK ASSESSMENTS
4	SUPERIOR Plan contains a detailed response to four or more of the risk areas in Section 5.1 of the Bidder Instructions, such that the probability of failure to achieve is extremely low.
3	GOOD Plan contains a detailed response to three of the risk areas in Section 5.3 of the Bidder Instructions, such that the probability of failure to achieve is low.
2	POOR Plan contains a detailed response to two of the risk areas in Section 5.3 of the Bidder Instructions, such that the probability of failure to achieve is moderate.
1	VERY WEAK Plan contains a detailed response to one or less of the risk areas in Section 5.3 of the Bidder Instructions, such that the probability of failure to achieve is significant.

Table 3- 2, Plan Risk Assessments

3.1.6. The Quality and Risk assessments agreed to by evaluators will be multiplied together and the sums added together to determine the final Plans assessment value for the Proposal.

3.1.7. The Bidder must achieve or exceed a final Plans assessment value of thirty-two (32) (out of a possible sixty-four (64)).

EXAMPLE:

Plan	Quality (A)	Risk (B)	Assessment Value (C) <i>(C) = (A) x (B)</i>
Company business Plan	4	3	12
ITB management Plan	2	3	6
Regional development Plan	4	4	16
SMB development Plan	4	2	8
Final plans assessment value			42

Table 3.3 - Example

3.2. Evaluation of proposed Transactions

- 3.2.1. The Bidder's proposed Transactions will be evaluated to determine whether they comply with the Bidder Instructions and with the ITB Terms and Conditions, with respect to eligibility criteria, valuation, banking and transaction types.
- 3.2.2. If a proposed Transaction does not meet the criteria outlined in Section 3.2.1, above, it will be rejected and will receive no further consideration during the mandatory or rated evaluation, or in the Contract.
- 3.2.3. If a proposed Transaction meets the criteria outlined in 3.2.1, it will then be evaluated using the rated evaluation criteria outlined in Section 4.

4. RATED EVALUATION

- 4.1. The Bidder's proposed Commitments and Transactions will be evaluated against the rated criteria as described below.

- 4.1.1. Management and Emergent Work (80 Points):

The Bidder may commit to achieve Direct Transactions in the Defence Sector relating to Management Work as described in section 6 of the Bidder Instructions. Points will be awarded as follows:

Points will be awarded for a Commitment, measured in CCV as a percentage of the Contract Value, to achieve Direct Transactions in the Defence Sector relating to Management Work, as defined in Annex A of the Performance Work Statement. The commitment will be rated as follows:

0.20 points will be awarded per each 1 percent of Commitment, up to a maximum of 20 points.

The Bidder may commit to achieve Direct Transactions in the Defence Sector relating to the Emergent Work performed in Canada as described in section 6 of the Bidder Instructions. Points will be awarded as follows:

Points will be awarded for a Commitment, measured in CCV as a percentage of the Contract Value, to achieve Direct Transactions in the

Defence Sector relating to the Emergent Work performed in Canada, as defined in Annex A of the Performance Work Statement. The commitment will be rated as follows:

- 4.1.1.1. 0 points will be awarded for any Commitments proposed by the bidder between 0 and 5% of the total Contract Value;
- 4.1.1.2. 2 points will be awarded for each 1 percent of Commitment proposed by the bidder between 6 and 15% of the total Contract Value;
- 4.1.1.3. 5 points will be awarded for each 1 percent of Commitment proposed by the bidder between 16 and 20% of the total Contract Value;
- 4.1.1.4. 1 point will be awarded for each 1 percent of Commitment proposed by the bidder between 21 and 25% of the total Contract Value;
- 4.1.1.5. 0 points will be awarded for any commitments proposed by the bidder over and above the rating specified under 4.1.1.4.

The Bidder may identify Direct and Indirect Transactions as described in section 6 of the Bidder Instructions. Points will be awarded as follows:

Points will be awarded for the Identification of Direct and Indirect Transactions, measured in CCV. The identification of Transactions will be rated as follows:

The Bidder with the highest total dollar value, measured in CCV, in identified Transactions will receive 10 points. All other Bidders will be prorated down.

4.1.2. Research and Development (10 points):

The Bidder may identify a Commitment to achieve Transactions in Research and Development (R&D) as described in section 6 of the Bidder Instructions. Points will be awarded as follows:

Points will be awarded for a Commitment, measured in CCV as a percentage of the Contract Value, to achieve Transactions in Research and Development in Defence and non-Defence sectors as defined in the ITB

Terms and Conditions, Article 1.1.30. The commitment will be rated as follows:

- 4.1.2.1. 0 points will be awarded for any Commitments proposed by the bidder between 0 and 2% of the total Contract Value;
- 4.1.2.2. 1.75 points will be awarded for each 1 percent of Commitment proposed by the bidder between 3 and 7% of the total Contract Value;
- 4.1.2.3. 0.417 points will be awarded for each 1 percent of Commitment proposed by the bidder between 8 and 10% of the total Contract Value;
- 4.1.2.4. 0 points will be awarded for any commitments proposed by the bidder over and above the rating specified under 4.1.2.3.

4.1.3. Skills Development and Training (10 points):

The Bidder may identify a Commitment to achieve Transactions in Skills Development and Training as described in section 6 of the Bidder Instructions. Points will be awarded as follows:

Points will be awarded for a Commitment, measured in CCV as a percentage of the Contract Value, to achieve Skills Development and Training Transactions, relating to marine in-service support, as defined in the ITB Terms and Conditions, Article 1.1.33. The commitment will be rated as follows:

- 4.1.3.1. 0 points will be awarded for any Commitments proposed by the bidder between 0 and 2% of the total Contract Value;
- 4.1.3.2. 1.75 points will be awarded for each 1 percent of Commitment proposed by the bidder between 3 and 7% of the total Contract Value;
- 4.1.3.3. 0.417 points will be awarded for each 1 percent of Commitment proposed by the bidder between 8 and 10% of the total Contract Value;
- 4.1.3.4. 0 points will be awarded for any commitments proposed by the bidder over and above the rating specified under 4.1.3.3.

-
- 4.2. Any identified Transactions in Proposal will be assessed to determine whether they align with each of the rated evaluation criteria identified in sections 4.1.1 through 4.1.4. The Bidder should provide a level of detail sufficient to support the claim that the Transaction fits within a given criteria.
- 4.2.1. Transactions where the Bidder does not demonstrate alignment with the rated evaluation criteria will receive zero points in the rated evaluation, but would be included as a Commitment to be achieved in the Contract.
- 4.2.2. Transactions where the Bidder demonstrates alignment with the rated evaluation criteria will be scored as outlined below in section 4.4, included as a Commitment to be achieved in the Contract.
- 4.2.2.1. In the event that the Bidder identifies Commitments or Transactions in its Proposal valued at more than 100 percent of the Contract Value, no additional points will be earned in the rated evaluation, above those outlined in the Evaluation Plan. Additionally in this event, the Obligation values in Article 3.1.1 of the Terms and Conditions would be increased to match the total value of those Transactions.
- 4.3. One identified Transaction may be aligned with multiple criteria and will be scored as such, up to the maximum total points. All Transactions and Commitments identified in the Proposal will be included as a Commitment and/or Obligation to be achieved in the ensuing Contract.
- 4.3.1. In the event that the total of the Bidder's Transactions identified in the Proposal aligning with any of the rated VP criteria, expressed as a percentage of Contract Value, is greater than the Bidder's Commitment in the same VP criteria as indicated on the Rated Criteria Certificate, the higher value will be considered as the Bidder's Commitment in the rated evaluation and be included as an Obligation to be achieved in Article 3 of the ensuing Contract.

Table 4.3 below summarizes the rated evaluation scoring:

Criteria	Available Points	Basis of Evaluation
Defence Sector	80	

Commitment to achieve Direct Transactions in the Defence Sector relating to Management Work	20	Commitment on signed rated criteria certificate.
Commitment to achieve Direct Transactions in the Defence Sector relating to the Emergent Work performed in Canada	50	Commitment on signed rated criteria certificate 0-5% = 0 pts 6-15% = 2 pts for each 1% 16-20% = 5 pts for each 1% 21-25% = 1 pts for each 1% >=26% = 0 pts
Identification of Direct and Indirect Transactions in the Defence Sector	10	Commitment on signed rated criteria certificate. The Bidder with the highest total dollar value, measured in CCV, in identified transactions will receive 10 points. All other Bidders will be prorated down. Formula: (Bidder's total Identification/Highest Bidder's total Identification) *10
Research and Development	10	
Commitment to achieve Research and Development Transactions		Commitment on signed rated criteria certificate 0-2% = 0 pts 3-7% = 1.75 pts for each 1% 8-10% = 0.417 pts for each 1% >=11% = 0 pts
Skills Development and Training	10	

Commitment to achieve Skills, Development and Training Transactions		Commitment on signed rated criteria certificate 0-2% = 0 pts 3-7% = 1.75 pts for each 1% 8-10% = 0.417 pts for each 1% >=11% = 0 pts
Total Points	100	

Table 4.3 – Transaction Scoring

4.4. Total VP Score: The Bidder’s scores for commitments and identified Transactions will be totaled to reach a Total VP Score, which will then be weighted at 15% percent of the total available score for the Project’s overall bid evaluation.

Criteria	Bidder 1 Commitment	Bidder 2 Commitment	Bidder 3 Commitment	Basis of Evaluation
Defence Sector				
Commitment to achieve Direct Transactions in Defence Sector relating to Management Work (Maximum of 20)	100%	50%	65%	Commitment on signed Rated criteria certificate – Appendix B of the Bidder’s Instructions
Score (a)	20	10	13	
Commitment to achieve Direct Transactions in Defence Sector relating to Emergent work in Canada (Maximum of 50) 0-5% = 0 pts 6-15% = 2 pts for each 1%	12	20	23	Commitment on signed Rated criteria certificate – Appendix B of the Bidder’s Instructions

16-20% = 5 pts for each 1% 21-25% = 1 pts for each 1% >=26% = 0 pts				
Score (b)	14	45	48	
Identification of Direct and Indirect Transactions in the Defence Sector (Maximum of 10)	\$10,000,000	\$15,000,000	\$20,000,000	Commitment on signed Rated criteria certificate – Appendix B of the Bidder’s Instructions
Pro-rated Score (c)	5	7.5	10	
Research and Development				
Commitment to achieve Research and Development Transactions (Maximum of 15) 0-2% = 0 pts 3-7% = 1.75 pts for each 1% 8-10% = 0.417 pts for each 1% >=11% = 0 pts	10%	5%	12%	Commitment on signed Rated criteria certificate – Appendix B of the Bidder’s Instructions
Score (d)	10	5.25	10	
Skills Development and Training				
Commitment to achieve Skills Development and Training	10%	7%	5%	Commitment on signed Rated criteria certificate – Appendix B of

<p>Transactions (Maximum of 15)</p> <p>0-2% = 0 pts 3-7% = 1.75 pts for each 1% 8-10% = 0.417 pts for each 1% >=11% = 0 pts</p>				the Bidder's Instructions
Score (e)	10	8.75	5.25	
Total Points for Bidder: (Score a+b+c+d+e)	59	76.50	86.25	

Table 4-2 – Draft Evaluation Scenario

5. PROCESS

- 5.1. The evaluation is led by the ITB Authority, with participation from representatives of the regional development agencies, and, if required, other subject matter experts.
- 5.2. Evaluation assessments and scoring will be carried out by consensus, wherein the Bidder's Proposal will be read, discussed and each evaluator will agree to a score for each rated element. Consensus on broader issues will be sought, such that evaluators agree on the need for and nature of any clarifying questions or advice sought from outside experts. Where consensus on scoring, issues or other questions cannot be reached following discussion, the ISED Evaluation Lead will make the final decision.
- 5.3. The ITB Authority will hold overall responsibility for ensuring that the members of the evaluation team carry out their responsibilities. The ITB Authority will act as the liaison between the evaluation team and outside officials.



Serving
GOVERNMENT,
CANADIANS.

Au service du
GOUVERNEMENT,
au service des
CANADIENS.

HCCS Site Visit

Fleet Maintenance Facility Cape Scott &
HMC Dockyard - Halifax



Public Services and
Procurement Canada

Services publics et
Approvisionnement Canada

Canada

Agenda

Wednesday, July 24th

- **10:15 – 10:25 Meet at the “Rainbow Gate” of the Fleet Maintenance Facility Cape Scott (FMFCS)**
- **10:45 - 12:00 Presentation by FMFCS**
- **12:00 - 13:00 Lunch at the FMFCS Cafeteria (individuals are responsible for bringing or purchasing their own lunch)**
- **13:00 - 15:00 Tour of FMFCS**

Thursday, July 25th

- **09:30 - 09:40 Meet at the “Rainbow Gate” of the FMFCS**
- **10:00 - 12:00 Tour of HMCS St. John’s Halifax Class Frigate (bring no-slip shoes, no high-heels)**



Instructions

- Turn off cell phones and no pictures of the facility
- Respect safety procedures
- Address any questions to:
Marie-Andrée Fortin
PSPC Supply Team Leader
marie-andree.fortin@tpsgc-pwgsc.gc.ca
- Questions can be answered by tour guides in response to what and who the tour groups see
- Please note there is no parking in the dockyard
- Please note that any information provided during the visit is not binding on Canada and bidders are reminded to use the formal Q&A process to seek answers to questions. The questions and answers will be published on buyandsell.gc.ca





Fleet Maintenance Facilities Strategic Capability: Brief to HCCS

*Mr. Simon Dubois
Acting Engineering Manager
24 July 2019*

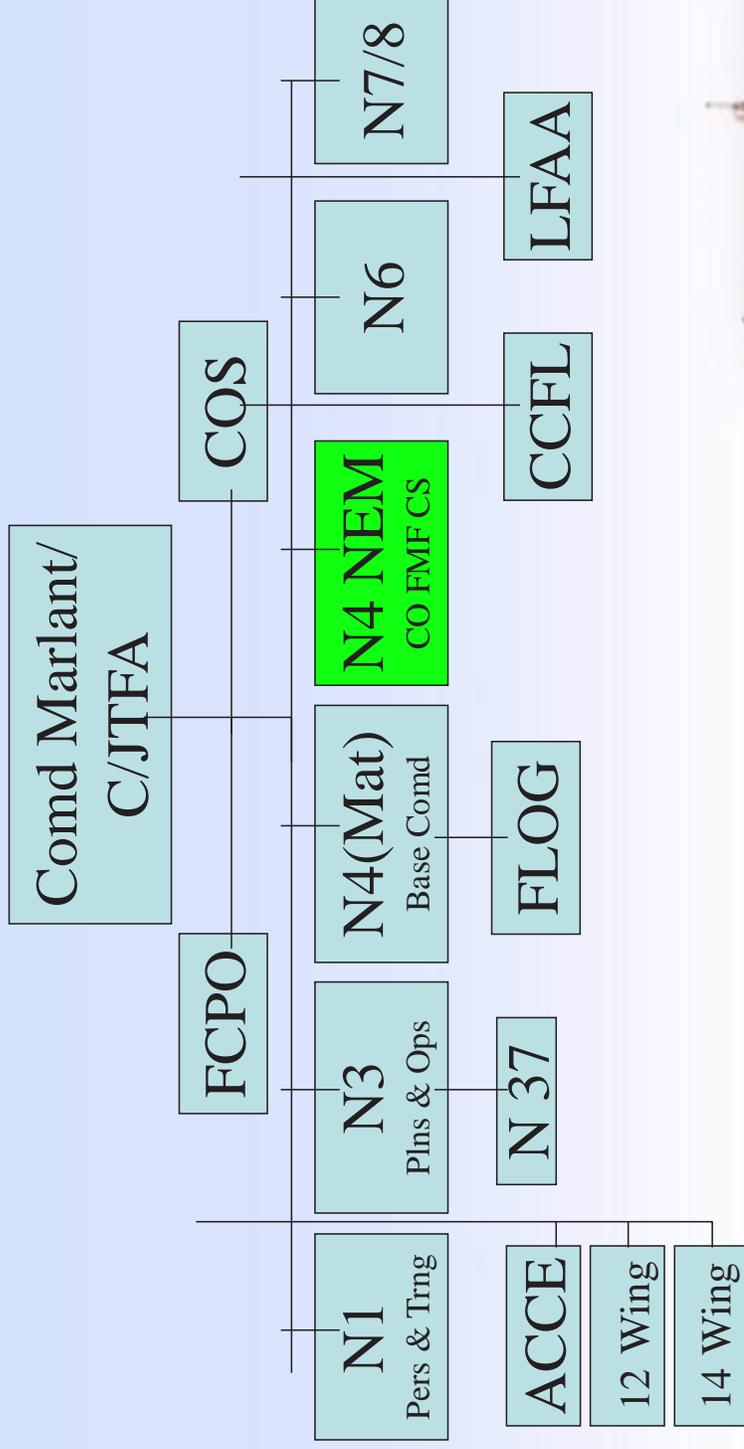




Aim

Provide an overview of FMF Strategic capabilities







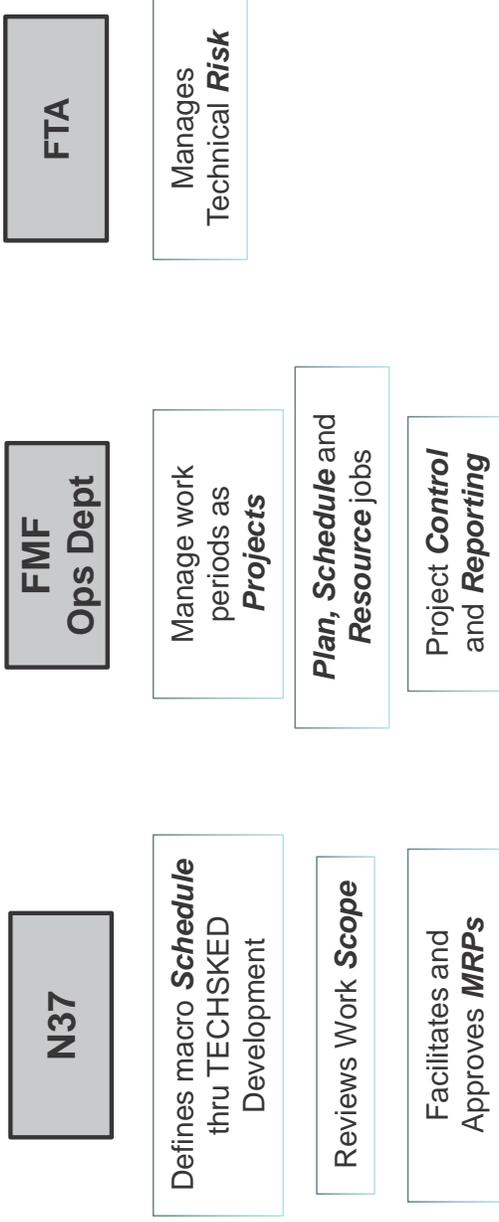
Naval Engineering Maintenance Organisations

- DCOS Engineering Operations – N3 ~20 per Formation
- DCOS Formation Technical Authorities ~20 per Formation
- Fleet Maintenance Facilities
Cape Breton & Cape Scott MARF: 932 + ~120 mil
MARL: 958 + ~160 mil
- Base Information Services (BIS)
- Fleet Technical Officer – F ~1200 1st line Technicians per Formation
- Fleet Engineering Department

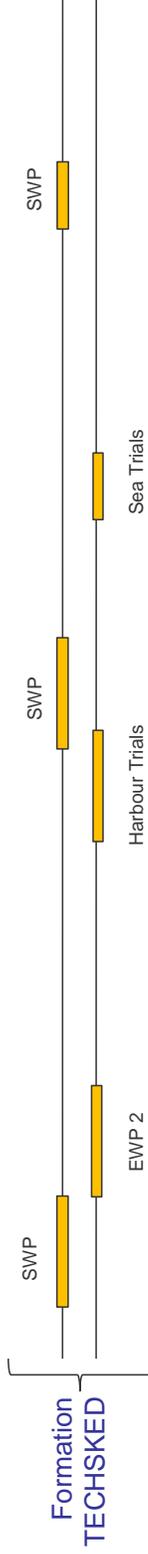




Coastal NEM Governance



Management Layer

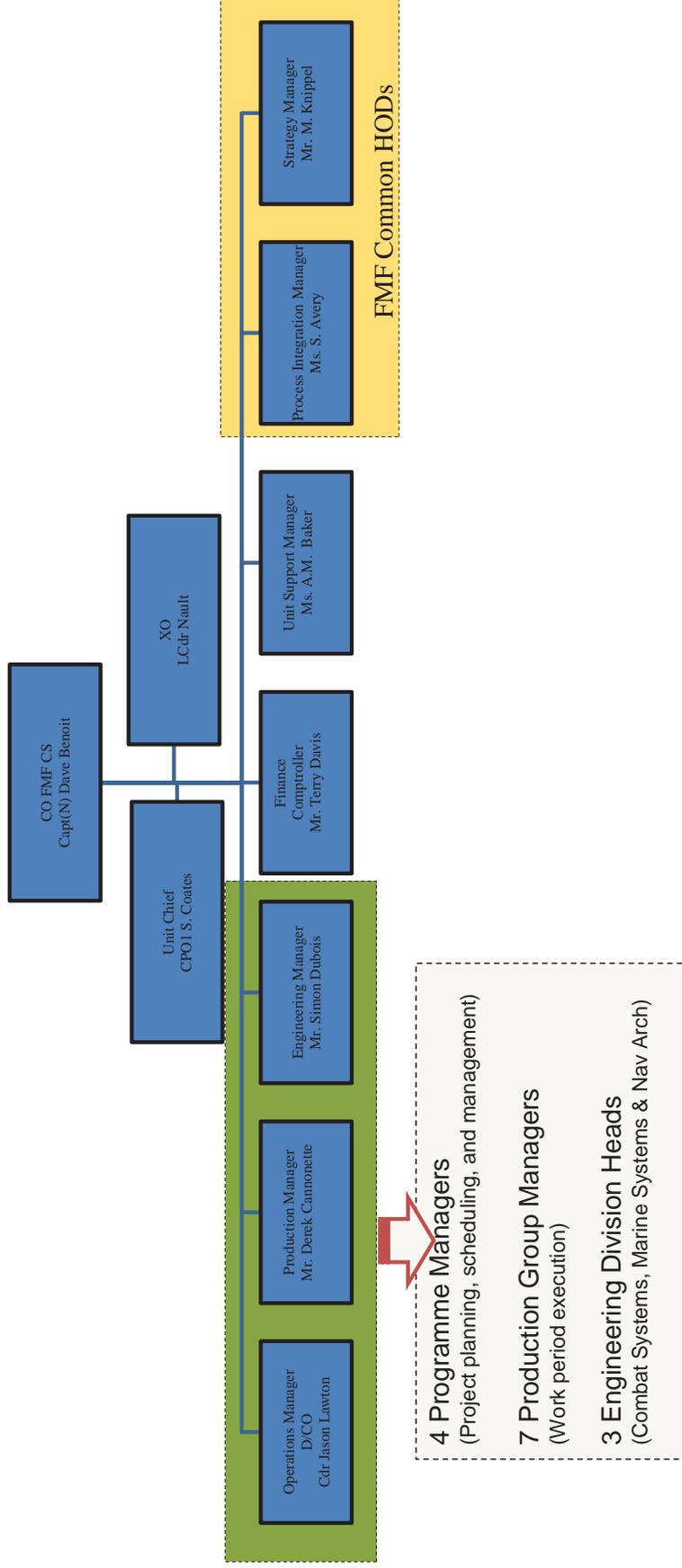


Executes assigned work for customers during defined work periods or as required to meet operational requirements

Service Delivery Layer



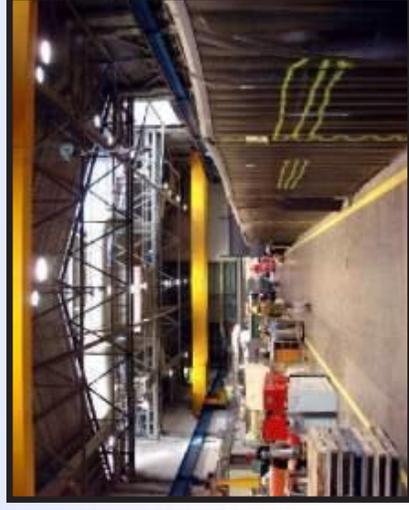
FMFCS Organization



- ISO 9001-2008 (QMS)
- ISO 14001-2004 (Environmental)

What is FMF Cape Scott?

- Largest military industrial complex in Canada (both in size and number of employees).
- Unit occupies a total of 685,412 square feet of building space.
- Annual programme of ~\$120 M with ~\$20 M to contract.
- Integrated civilian & military workforce of approximately 1200.



What is the role of the FMFs?

Strategic Asset to the Canadian Forces:

- Self-sustaining provision of essential engineering and maintenance capabilities to meet the critical needs of the Fleet (and visiting allied navies)
- Local and world-wide deployable capability, Mobile Repair Parties (MRP)



ROYAL CANADIAN
NAVY

MARINE
ROYALE CANADIENNE

Customers

RCN – MARLANT

- Ships
 - 7 Halifax Class
 - (AOPS, JSS)
 - (MCDV)
- Subs
 - 1-2 Victoria Class
- Shore establishments
 - Approximately 10
- Visiting Ships



DGMEPM

DGLEPM & DGAEPM





FMF Engineering and Maintenance Activities

- 2nd Line – To support the Commander of the Navy through the provision of effective engineering and maintenance services which meet the needs of the Fleet
- 3rd Line – R&O, capability insertion and major overhauls of equipment in strategic areas (typically 30% of total effort)





FMF Business Lines

- **Support to Maritime Forces Atlantic and Pacific**
 - Running repair and scheduled work periods
 - Mission Fits
 - Engineering subject matter expertise
- **Support to Asst Deputy Minister (Materiel)**
 - Surveys & trials
 - Capability insertion
 - DWP
 - Manufacturing
 - Obsolete equipment & systems
- **Centre of Excellence**
 - C3 data collection and analysis
 - Automatic test Set
- **Force Multiplier**
 - Strategic Enabler for overall naval ISS capability and capacity





Integrated scope of activities

- Shore services (e.g. crane, rigging)
- Planned Maintenance (deferred level 1, level 2)
- Corrective maintenance:
 - RxR, MxE, Repairs
 - Fault-finding (intra and inter-systems)
 - Substitutions
 - Legacy systems and integration with CSI systems
 - Set-to-work and performance Testing
- Mobile repair party (sustain mission)
- Installation of Engineering Changes/Mission fit
- 3rd line Repair and Overhaul; NICP (manufacture); Disposal
- Level 3 “refurbishment”
- Automatic Test Set (programming; go/no-go)
- Delegated Engineering Authority
- Development of complex Engineering Changes/Mission fit
- Certifications (e.g. lifting appliance, pressure vessels)
- Survey and Trials (Force Generation)
- Advice to MEPM (obsolescence, Technical Evals, UCR)
- Naval Materiel Assurance





FMF Annual Operating Projection

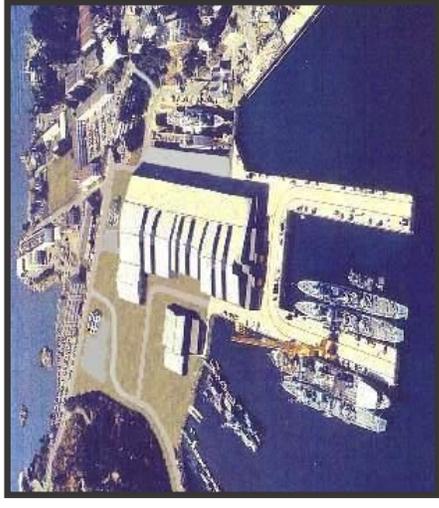
Details the forecasted weekly FMF resources allocated to Fleet, Formation, and MEPM customers based on RCN priorities, *AND* used to focus resources during designated work periods alongside.

- Model using 5-year of historical data (known demand) and unit capacity to shape a more accurate forecast for:
 - Preventive maintenance load
 - Naval Materiel Assurance Requirements
 - Annual Engineering Change take-on lists
 - Repair and Overhaul Prioritization
 - Docking Work Period Catalogues (SSMRS/PMRS)
 - Historical corrective maintenance
 - Unit Capacity Available



Infrastructure

- New Consolidated Facility - 20 year capital project (FMFCB)
- Graving dock and Syncrolift can accommodate variety of vessels from submarines to frigates. However:
 - JSS ship are too large
 - AOPS can't currently be docked. Both facilities *may* be capable if upgrade feasible
- Co-location of similar trades
- Effective Materials Management (local procurement and national stock)
- Integrated Management System (ISO 9001 and 14001; CSA Z1000-14)





Work Centers

- Designed to be upgradeable.
- In-floor cable-trays for system cabling.
- Full services: air, water, 400hz, 440v, etc.
- Modern outfitting-cabinets & workbenches.
- Fitted with test beds.
- Rooftop antenna farm - operational over the air.
- Secure crypto facilities.





Hull, Metal Fabrication, Shipwright and Support Services

- Full range of skills for hull repair and metal fabrication.
- Heavy Marine Rigging.
- Chemical Cleaning Facilities.





Mechanical/Electrical Services

- Diesel engine and electric power skill sets for all onboard systems - propulsion and power generation
- Unique facilities for submarine battery care





Communications

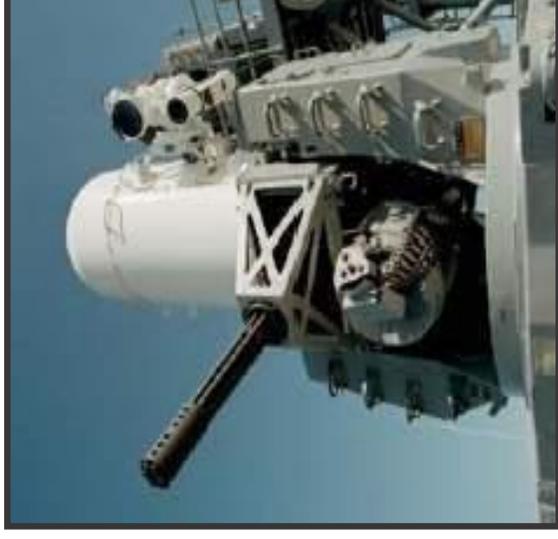
- Repair and maintain all communication equipment onboard ships and submarines (VHF, SHF, Satcom, etc)
- Internal Communications (SHINCOM)
- Crypto Systems





Weapons and Onboard Ammunition Systems

- Liaison/knowledge sharing with Original Equipment Manufacturers and Repair and Overhaul contractors
- Formation Ammunition Inspectors and staff at the CF Ammunition Depot





Fire Control/Electronic Repair

- Full range of fault-finding and maintenance capabilities for all shipboard navigation, radar, sonar, combat systems and fire control systems





Engineering Dept. – Key Activities

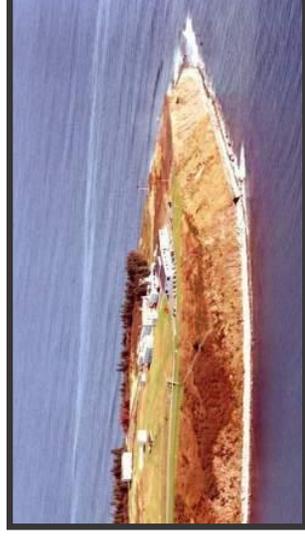
- Develop Job instructions
- Assist Production Department as required;
- Fault-finding/system level investigations; including Automated Test System Equipment
- Trials - ashore and at sea
- Assistance to the Design Authority with design and development at the equipment and systems level
- Drafting services
- Technical data management
- Development of Engineering Changes





Ranges

- Magnetic Ranges (measurement, calibration, deperming)
- Underwater Acoustic Signature Range (static, dynamic)
- Infrared signature measurement (DRDC-NETE-CFEWC)
- Naval Electronic Sensor Test Range (Radar Cross Section, antenna pattern analysis, directional accuracy)
- Weapons ranges (under-water, above-water)
- Multiple Unit Link Testing and Operational Training System – data link between ships, shore, non-naval units and NATO partners





Test Beds

- Operational assets fitted into the shop. (i.e. IFF and ESM)
- Immediate support for ships or inventory items.
- Enables strong 2nd and 3rd level support with quick turn around times.
- Reproduce faults in ideal environments.
- Reduces risk to ship-fitted equipment.
- Provides for OJT, used by schools for training
- Interconnected “like ship” and operational over the air (plain and encrypted)





Rooftop Antenna Farm

- Designed to allow for communications between FMF, ships alongside, and Test & Trials Range.
- Test beds capable of transmitting with associated antenna on the rooftop.
- Capable of plain or secure voice comm's to ships alongside or at sea.
- Upcoming installation of CEROS in both FMFs.





Special Tools & Test Equipment

- Equipment specific testers:
 - AQS 502 dipping sonar test bench
 - Victoria Class beacon calibrators
 - HF/UHF module test jigs
- Generic Test Equipment:
 - Microwave Signal generators, gauges, pulse generators, counters





Integrated Logistics

- Materials Management Systems
 - WIP program and barcode with digital photos.
- Pre-stage Materials, Ready-Use supplies and tool cribs.
- Off-site warehouses - bulk and long term storage.
- Environmentally controlled.
- Semi fixed, mobile and heavy lift cranes.
- Local purchase or National inventory.
- Fully integrated with DRMIS





Mobile Repair Parties

- Reach-back technical support is first step
- May sail with ships, including in theatre
- Work with factory reps and ship's staff
- Assemble/deploy multi-functional teams
- Short notice responsiveness

Recent Examples:

TOR – Maintenance Period in Kuwait
VDQ – DG failures off Somalia
ATH – Air Conditioning off Haiti
CHA – Electronic Sensor faults
VAN – Fwd ranging for De-gaussing
ATH/HAL – Haiti earthquake,





Support to Other Elements

Belly plates and Shield for
Army's APCs used in
Afghanistan

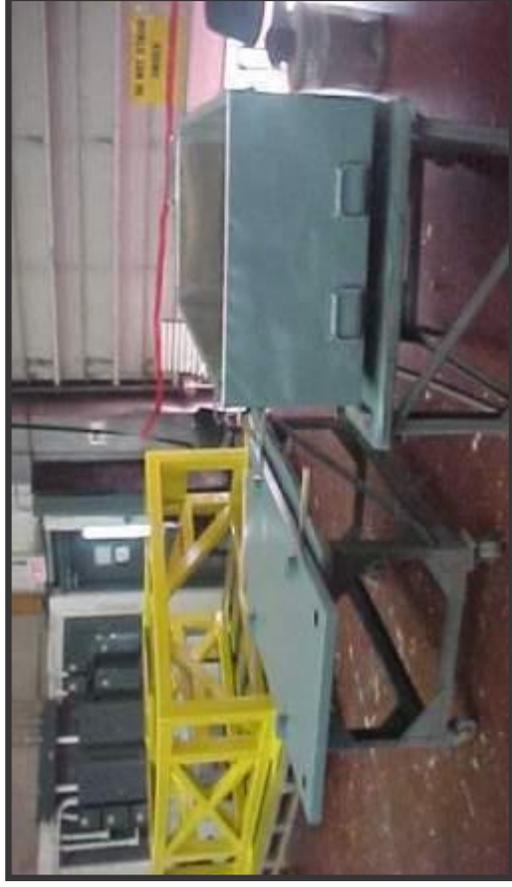




Air Force support frame for aircraft landing gear



Special Forces Small Boat Fuel Bladders



FMF Strategic Capability Letter

Three key statements:

- Formally designates the FMFs as the RCN's strategic assets responsible for the planning and co-ordination of all 2nd and 3rd level activities performed in the Dockyards;
- Recognizes the FMFs as a strategic NEM Service provider; and
- Directs the FMFs to retain key strategic capabilities to ensure that the RCN remains capable of Mission preparation and sustainment, Force Generation and Naval Materiel Assurance of all Units in custody.



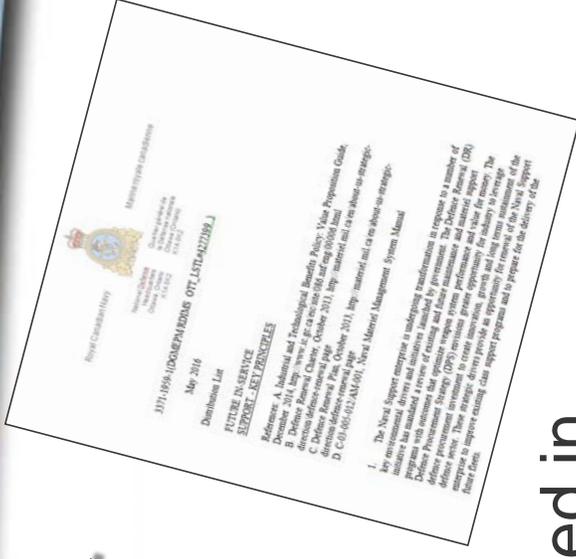
naval ISS Letter

The Future In-Service Support (FISS) System defines high-level functions necessary to deliver in-service support to

naval assets over their life cycle as described in

the FISS System Requirements Document (SRD):

- FMF remain strategic capability
- Co-located industry in the dockyard
- Duplication of support infrastructure undesirable
- Coordination of contractor activities – formation led
- Clear roles, responsibilities, accountabilities
- Robust contract governance framework





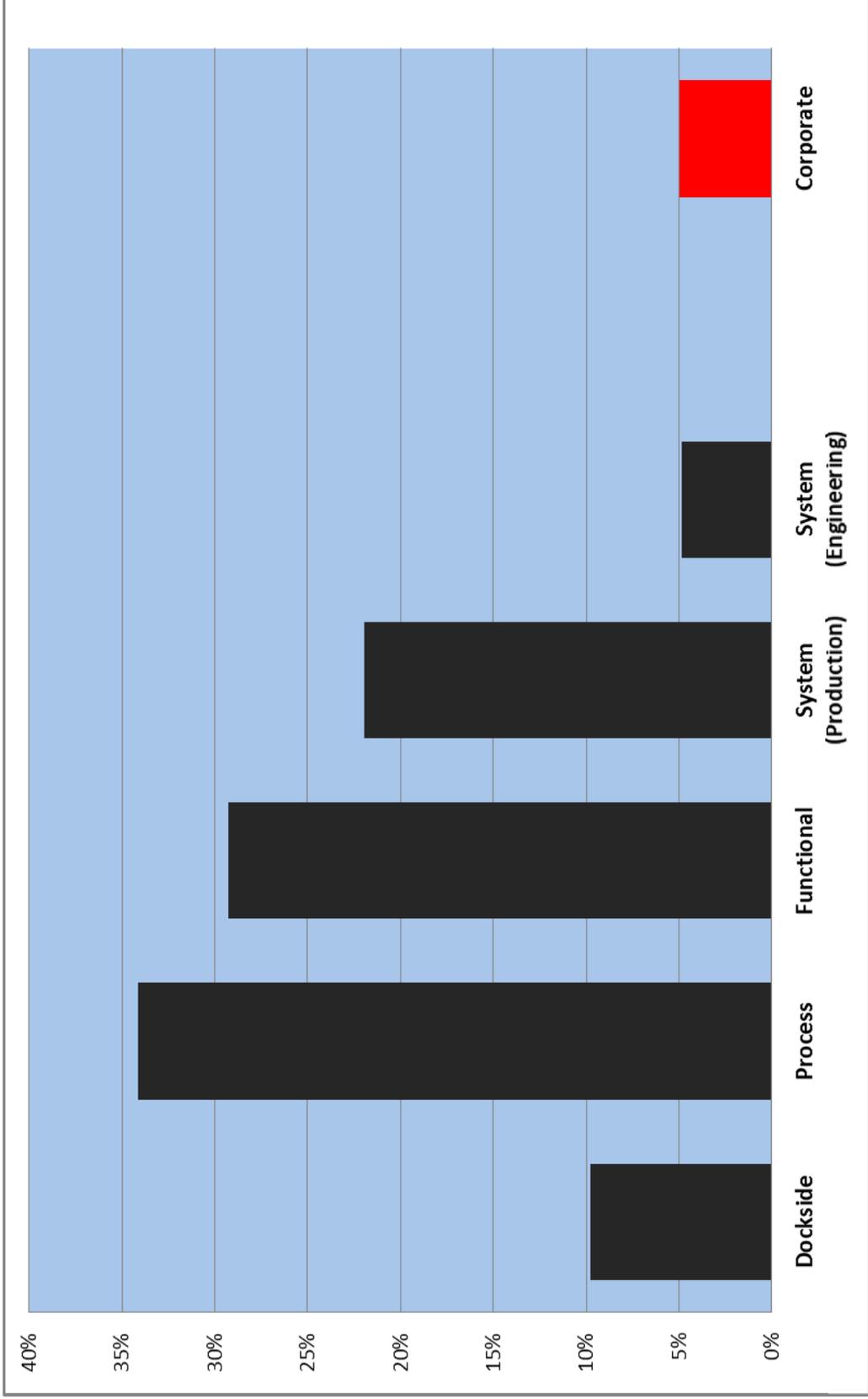
Capability Breakdown

- **Dockside Support:** Services such as rigging, cranes & scaffolding erection available to support FMF, contractor and ship staff work.
- **Process Support:** “Trade certified” support such as painting, lagging, shipwrights, electroplating, etc. System knowledge not required. Work completed according to standards and specifications.
- **Functional Specialties:** Work on many CS & MS systems but only on functions that are common to many systems such as: hydraulics, electrical, controls, ranges, inspectors, etc.
- **System Technical Experts:** Trained and experienced on specific systems:
 - Production: EC installation, maintenance & repair;
 - Engineering: EC design, repair specifications, troubleshooting, trials and analysis.





2nd line Maintenance Profile





Catalogue example: Process Support Arrangements

S1	Manufacturing (Support to All classes / or prall systems and equipment)
S1A	Manufacturing - Steel Fabrication and Finishing
S1B	Manufacturing - Sheet Metal Fabrication and Finishing
S1C	Manufacturing - Tools, Components, Parts, Fasteners, Piping and Jigs
S1D	Laser Additive / Machining - Components, Parts, Fasteners,
S1D	Manufacturing - Foundry / Oven / Heat Treatment
S2	Fabrication and Installation: Ship board Mounts, Hull Inserts, Brackets and Fixtures
S3	Cleaning and (Re)finishing / (Re)surfacing (All Materials)
S3A	Hull and Decking Including Equipment and Fixtures
S3B	Free Flow Equipment's and Components
S4	Pipe works and coatings. Manufacture - Inspect - Remove - Replace - Install
S5	Opening and closing shipping routes
S6	Asbestos Abatement / Lead Abatement
S7	Engraving and Signage (Damage Control)
S8	Warehousing and Storage
S9	Material Support - Procurement / CFSS
S-SPTATE	The FMF has the Special Facilities, Plant, Tools and Test Equipment required to fully support D, DC and CD Systems eg: LAM, Water Table, Plasma etc



Waterfront Management





FMFCS tour

- Groups (OPI: PSPC)
- Safety



