

ANNEX E

**TECHNICAL EVALUATION PLAN
&
BIDDERS INSTRUCTIONS**

SEMI-AUTOMATIC SNIPER WEAPON BIPOD



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NOTICE

This documentation has been reviewed by the technical authority and does not contain controlled goods. Disclosure notices and handling instructions originally received with the document shall continue to apply.

1 Scope

1.1 Purpose

Part I of this document's purpose is to describe the methodology that will be used to conduct the technical evaluation of bids made in respect of the Semi-Automatic Sniper Weapon (SASW) Bipod. Part II of this document is to provide instruction to the bidder on the required items of submission and its preparation.

1.2 Bidders' Instructions

Bidders must comply with the specific instructions contained in this document.

1.3 Acronyms

Acronym	Description
FPS	Final Point Score
NATO	North Atlantic Treaty Organization
PSPC	Public Services and Procurement Canada
SASW	Semi-Automatic Sniper Weapon
STANAG	Standardization Agreement
TA	Technical Authority
TPD	Technical Purchase Description

2 Applicable Documents

2.1 DND and Government of Canada Documents

2.1.1 Mil-Std 810G Environmental Engineering Considerations and Laboratory Tests.

2.1.2 STANAG 4694 NATO Accessory Rail

3 Part I Technical Bid Evaluation Plan

3.1 Overview

This contract is to be awarded to the lowest-cost technically compliant bid with technical rated requirements. The technical evaluation methodology detailed below will be used to determine all technically compliant bids and also detail how the technical rated requirements will be scored.

3.2 Outline

The SASW bipod technical evaluation of bids will be conducted in two phases with a bidders overall compliance being determined at the end of each phase.

The evaluation phases are summarized as follows:

3.3 Phase 1

Phase 1 will be a physical examination of bid samples and the mandatory technical/ documentary evidence provided by bidders. All bids deemed fully compliant will progress to Phase 2. Non-compliant bids will be removed from further consideration.

3.4 Phase 2

Phase 2 will be a User Trial where military personnel will be required to use the bid samples in field conditions in order to assess their in-use performance and then score them against pre-determined criteria and scoring scheme.

To be compliant with Phase 2 a bidder must achieve a Final Point Score (FPS) of 68 points or higher out of a total possible 84 points.

4 Evaluation Criteria

4.1 Phase 1 Mandatory Criteria

Mandatory criteria are identified in the Technical Evaluation Workbook attached as Appendix 1 to Annex E. Failure to meet these criteria will render the bid non-compliant and it will be removed from further consideration.

4.2 Phase 2 Point Rated Criteria

Point rated criteria with minimum mandatory score requirement are identified in Section 6 to Annex E.

5 Phase 1 Mandatory Criteria Evaluation

5.1 Proposal Documentation

The bidder's proposal should include a signed and dated copy of the Technical Evaluation Workbook (Appendix 1 to Annex E), with the self-assessment at Columns 5, 6 and 7 completed, and the required documentary evidence attached as detailed in Column 4. References to external sources and web sites will not be accepted. Instruction for the completion of Columns 5, 6 and 7 and the **purpose of** information in Column 4 are below.

5.1.1 **Column 4**

This column describes what the bidder must submit with his proposal (samples, test reports, documentary evidence etc) to confirm compliance with the mandatory requirement.

5.1.2 **Column 5 “Bidder’s Self-Assessment”**

This column is a bidder’s self-assessment column where a bidder should indicate whether he is compliant/non-compliant to each mandatory requirement being evaluated. Each cell contains a drop down menu with two choices. The bidder should choose either “compliant” or “non-compliant”.

5.1.3 **Column 6 “Evidence Location in Bid Package”**

In this column the bidder should clearly identify where in the bid binder (document, page, and paragraph) the evaluator can find information that supports the bidder’s compliance against the mandatory requirement.

5.1.4 **Columns 7 “ Bidder’s Statement and/or Comments”**

In this column the bidder should provide additional information that they would like to bring to the attention of the evaluator for consideration during his assessment of each of the mandatory requirements.

5.1.5 **Mandatory Counter**

At the top of the workbook the bidder can track his rated compliance against the total number of mandatory requirements.

6 **Phase 2 User Performance Evaluation**

6.1 **Performance Evaluation**

Evaluators will trial the bidders samples in accordance with the process described in this section.

6.2 **Evaluators**

Three qualified snipers or expert shooters will be used to conduct the performance evaluation.

6.3 Test Shoot

For each sample, each evaluator will fire 20 rounds of NATO 7.62mm x 51 ammunition using a SASW or equivalent weapon with the bipods to be evaluated. In order to minimize bias, the bipods will be fired in accordance with Table 1 below (assumes four compliant bipods from Phase 1).

	Serial 1	Serial 2	Serial 3	Serial 4
Shooter 1	Bipod C	Bipod A	Bipod D	Bipod B
Shooter 2	Bipod A	Bipod C	Bipod B	Bipod D
Shooter 3	Bipod B	Bipod D	Bipod C	Bipod A

TABLE 1: Bipod to Shooter Allocation Format

6.4 Evaluation Score

Immediately following each shoot, the evaluators will be asked to assess the bipod used based on a standard Likert-type questionnaire (see Appendix 2 to Annex E). Each criterion will be allocated a score up to a maximum of 7 possible points per question. The total score awarded by a single evaluator to a single bipod will be the summation of the points allocated against each question for that bipod by that evaluator. The score assigned to a bipod for the purposes of determining compliance for Phase 2 will be the average of the three evaluators' scores (i.e. the sum of the three separate total scores divided by three). This average score will be known as the bidders FPS.

6.5 Phase 2 Compliance

To be considered compliant at phase 2 a bid must achieve a FPS of 68 points or higher out of a total possible 84 points.

6.6 Document Compliance

The bidder must point to the documentation which confirms that his rifle bipod meets the mandatory requirement. The documentation could be independent third party test report, internal test reports, component/assembly drawings, QA documentation, material specifications, product specifications, marketing literature, operator /parts manuals etc. Where possible the bidder should submit more than one document to confirm compliance.

6.7 Bid Test Reports

All required tests must be conducted by accredited independent laboratories, or university laboratories, or government laboratories, all experienced with testing the commodity being delivered, and all within the jurisdiction of NATO member states. Testing conducted by any other entities must receive prior written approval from the TA.

6.8 Bid Samples

The Bidder certifies that the Bid Physical Samples are equivalent to the specimens featured in the Bid Test Reports, such that if the Bid Physical Samples (or specimens taken from them) were subjected to the same testing, the results would be consistent with those in the Bid Test Reports.

Appendixes

Appendix 1: Technical Evaluation Workbook (xlsx file)

Appendix 2: Bipod Evaluation Questionnaire