

## VOLUME IV – EMPLOYER’S EVALUATION CRITERIA

### TECHNICAL

<sup>A17</sup>This part of the Employer’s Evaluation Criteria explains the evaluation criteria concerning the Tenderer’s understanding of the Works and their corresponding objectives, and presentation of the Tenderer’s technical and design proposals in an effective manner.<sup>A17</sup> Tenderers must demonstrate that their design proposals comply with or exceed all specified performance requirements. Evaluation scores for the technical criteria are explained in Parts 4 through 8, with a total of 4,850 points assigned among them.

### PART 4 – Design-Build Execution Methodology (700 Points)

<sup>A17</sup>The Employer’s evaluation committee will review the sections within this part to understand the intent, philosophy, and approaches the Tenderer will use to deliver the Works. See the following text for an explanation of the scoring breakdown and the summary table at the end.<sup>A17</sup>

- A. Project Chartering (50 Points).** In accordance with Volume V, Part 4.A., Tenderers shall describe their proposed methods for chartering both their internal teams and the combined locks delivery team comprised of the Tenderer, Employer, and Employer’s Representative.<sup>A17</sup> A maximum of 50 points are available for this element, with each Tenderer awarded up to 50 points based upon the application of their corresponding Evaluation Grade. The Tenderer’s Evaluation Grade will be based on his written summary of the formal chartering elements for the project, which include, at a minimum, a list of team members, project purpose statement, critical success factors, goals, roles and responsibilities, and operating guidelines.<sup>A17</sup>
- B. Design Management (100 Points).** Pursuant to Volume V, Part 4.B., the Tenderer’s organization(s), philosophies, processes, and work approaches will be evaluated for integration of the organization with the Employer’s management team, thoroughness in defining the design processes, definition of the organization and its corresponding roles and responsibilities, and correlation to the design requirements.<sup>A17</sup> A maximum of 100 points are available for this element, with each Tenderer awarded points based upon his respective Evaluation Grade.<sup>A17</sup>
- C. Labor Management (100 Points).**
  - 1. The Tenderer’s labor-management plan will be evaluated against the requirements cited in Volume V, Part 4.C.1. The plan must recognize all legal requirements with which the Tenderer must comply and must, at a minimum, address the listing included in Volume V, Part 4.C.1. The information must be presented in an organized and easily understood manner. Effectively addressing all listed categories and items will result in a grade of “Good.” Additional information that demonstrates further benefits from the Tenderer’s plan must be provided in order to achieve a higher grade. The information must be presented in an organized and easily understood manner to ensure comprehension by the reviewer. Organizational charts, programmes, and tables (e.g., wage-rate tables) do not apply in the page or word count.<sup>A17</sup> A maximum of 60 points are available for this element, with each Tenderer awarded points based upon his respective Evaluation Grade.<sup>A17</sup>

2. The labor-employment plan will be evaluated against the requirements identified in Volume V, Part 4.C.2., with the format as prescribed therein. Effectively addressing all listed categories and items will result in a grade of “Good.” Additional information that demonstrates further benefits from the Tenderer’s plan must be provided in order to achieve a higher grade. The information must be presented in an organized and easily understood manner to ensure comprehension by the reviewer. <sup>A17</sup>A maximum of 40 points are available for this element, with each Tenderer awarded points based upon his respective Evaluation Grade.<sup>A17</sup>

**D. Supplies and Logistics (80 Points).**

1. The programme for staff and construction-equipment mobilization (inclusive of non-mobile equipment) will be evaluated against the requirements identified in Volume V, Part 4.D.1, with the format as prescribed therein. Effectively addressing all listed categories and items will result in a grade of “Good.” Additional information that demonstrates further benefits from the Tenderer’s plan must be provided in order to achieve a higher grade. The information must be presented in an organized and easily understood manner to ensure comprehension by the reviewer. <sup>A17</sup>A maximum of 30 points are available for this element, with each Tenderer awarded points based upon his respective Evaluation Grade.<sup>A17</sup>
2. The logistics and supply chain management plans will be evaluated against the requirements identified in Volume V, Part 4.D.2, with the format as prescribed therein. Effectively addressing all listed categories and items will result in a grade of “Good.” Additional information that demonstrates further benefits from the Tenderer’s plan must be provided in order to achieve a higher grade. The information must be presented in an organized and easily understood manner to ensure comprehension by the reviewer. <sup>A17</sup>A maximum of 50 points are available for this element, with each Tenderer awarded points based upon his respective Evaluation Grade.<sup>A17</sup>

**E. Safety Management (60 Points).**

1. The safety plan outline will be evaluated for completeness relative to the requirements cited in Volume V, Part 4.E.1. The outline must contain adequate detail to clearly reveal the Tender’s safety processes, procedures, and intent to meet or exceed Employer standards. While the expectation is that Tenderers will typically exceed Employer standards, an acceptable response to this element (i.e., meeting standards) will result in the award of 25 points. Submission of a Corporate Safety Plan is not an acceptable response to this element. The outline submitted for evaluation must be specific to the Works.
2. The safety organization must identify the positions that are assigned to monitor and manage the safety program of the Tenderer on a full-time and/or part-time basis. Additionally, each position must have a description with a definition of the corresponding responsibilities. Effectively addressing all listed categories and items will result in a grade of “Good.” Additional information that demonstrates further benefits from the Tenderer’s plan must be provided in order to achieve a higher grade. The information must be presented in an organized and easily understood manner to ensure comprehension by the reviewer. <sup>A17</sup>A maximum of 35 points are available for this

element, with each Tenderer awarded points based upon his respective Evaluation Grade.<sup>A17</sup>

**F. Environmental Management (60 Points).**

1. The environmental-management plan will be evaluated against the requirements cited in the project environmental-impact assessment and those requirements cited in Volume V, Part 4.F.1. Effectively addressing all required categories and items will result in a grade of “Good.” Additional information that demonstrates further benefits from the Tenderer’s plan must be provided in order to achieve a higher grade. The information must be presented in an organized and easily understood manner to ensure comprehension by the reviewer.<sup>A17</sup> A maximum of 30 points are available for this element, with each Tenderer awarded points based upon his respective Evaluation Grade.<sup>A17</sup>
2. The contamination mitigation plan will be evaluated against the requirements cited in Volume V, Part 4.F.2. Effectively addressing all listed categories and items will result in a grade of “Good.” Additional information that demonstrates further benefits from the Tenderer’s plan must be provided in order to achieve a higher grade. The information must be presented in an organized and easily understood manner to ensure comprehension by the reviewer.<sup>A17</sup> A maximum of 15 points are available for this element, with each Tenderer awarded points based upon his respective Evaluation Grade.<sup>A17</sup>
3. The preliminary spill prevention and recovery plan will be evaluated against the requirements cited in Volume V, Part 4.F.3. All materials that will be subject to the spill prevention and recovery plan must be indicated as well as the Tenderer's intent to properly store and contain such materials. Effectively addressing all required categories and items will result in a grade of “Good.” Additional information that demonstrates further benefits from the Tenderer’s plan must be provided in order to achieve a higher grade. The information must be presented in an organized and easily understood manner to ensure comprehension by the reviewer.<sup>A17</sup> A maximum of 15 points are available for this element, with each Tenderer awarded points based upon his respective Evaluation Grade.<sup>A17</sup>

**G. Quality Management (90 Points).**

1. The overall quality-management plan outline will be evaluated against the requirements cited in Volume V, Part 4.G.1. Effectively addressing all cited categories and items will result in a grade of “Good.” Additional information that demonstrates further benefits from the Tenderer’s outline must be provided in order to achieve a higher grade. The information must be presented in an organized and easily understood manner to ensure comprehension by the reviewer.<sup>A17</sup> A maximum of 55 points are available for this element, with each Tenderer awarded points based upon his respective Evaluation Grade.<sup>A17</sup>
2. The submission in response to Volume V, Part 4.G.2 will be evaluated against the elements identified therein. Effectively addressing all cited categories and items will result in a grade of “Good.” Additional information that demonstrates further benefits from the Tenderer’s outline must be provided in order to achieve a higher grade. The

information must be presented in an organized and easily understood manner to ensure comprehension by the reviewer. <sup>A17</sup>A maximum 35 points are available for this element, with each Tenderer awarded points based upon his respective Evaluation Grade.<sup>A17</sup>

**H. Project Controls (60 Points).**

1. Submit product information on the proposed control-system software and a corresponding software system service agreement. A compliant response to this element will result in the award of 30 points.
2. Submit certification by the project controls manager (lead programmer) that the installed control system(s) will be integrated and compatible with existing **Employer** systems. Certifications for integration and compatibility will result in the award of 30 points.

**I. Communication and Public Relations (50 Points).**

1. The communication and public-relations plan will be evaluated against the requirements cited in Volume V, Part 4.I.1. Effectively addressing all listed categories and items will result in a grade of “Good.” Additional information that demonstrates further benefits from the Tenderer’s plan must be provided in order to achieve a higher grade. The information must be presented in an organized and easily understood manner to ensure comprehension by the reviewer. <sup>A17</sup>A maximum of 25 points are available for this element, with each Tenderer awarded points based upon his respective Evaluation Grade.<sup>A17</sup>
2. **The communication and public-relations organization and the description and responsibilities assigned to each position.** The information must be presented in an organized and easily understood manner to ensure comprehension by the reviewer. <sup>A17</sup>A maximum of 25 points are available for this element, with each Tenderer awarded points based upon his respective Evaluation Grade.<sup>A17</sup>

**J. Risk Management (50 Points).**

1. The risk-management plan outline will be evaluated relative to thorough identification of anticipated project risks and definition of corresponding mitigation strategies. The information must be presented in an organized and easily understood manner to ensure comprehension by the reviewer. <sup>A17</sup>A maximum of 25 points are available for this element, with each Tenderer awarded points based upon his respective Evaluation Grade.<sup>A17</sup>
2. The labor and logistics contingency plan will be evaluated against the requirements cited in Volume V, Part 4.J.2. Effectively addressing all listed categories and items will result in a grade of “Good.” Additional information that demonstrates further benefits from the Tenderer’s plan must be provided in order to achieve a higher grade. The information must be presented in an organized and easily understood manner to ensure comprehension by the reviewer. <sup>A17</sup>A maximum of 25 points are available for this element, with each Tenderer awarded points based upon his respective Evaluation Grade.<sup>A17</sup>

**Table 4**

Refer to Volume V, Part 4 Design-Build Execution Methodology	Element	Points available	Element	Points available	Element	Points available	Total score
Project chartering	Describe chartering methods	50					50
Design management	Describe design processes	100					100
Labor	Labor-management plan	60	Labor-employment plan	40			100
Supplies and logistics	Staff and equipment loading	30	Logistics management plan	50			80
Safety	Safety plan	25	Safety organization	35			60
Environmental management	Environmental-management plan	30	Contamination-mitigation plan	15	Spill prevention and recovery plan	15	60
Quality management	Quality-management plan	55	Testing laboratories	35			90
Project controls	Proposed project controls software and service agreement	30	Certification of integration and compatibility with ACP systems	30			60
Communication and public relations	Communication and public relations plan	25	Communication and public relations organization and staff qualifications	25			50
Risk management	Risk management plan and mitigation strategy	25	Labor and logistics contingency plan	25			50
<b>TOTAL - Design-Build Execution Methodology</b>							<b>700</b>

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**END OF SECTION**

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