

2027 GBS Competition Scoring Matrix

Page 1: Phase 1 Evaluation Criteria (Proposal & Video)

Page 2: Phase 2 Evaluation Criteria (Final Paper, Infographic, & Presentation)



Proposal and Video Evaluation Criteria	Excellent	Very Good	Good	Fair	Poor	Not Done
Proposal Evaluation Criteria (Max 80 Points)						
Situation Assessment: Demonstrates a well-supported analysis and rationale of the selected infrastructure inspection area and use case, including challenges, needs, potential impact, and proposed advancements. (Max 20 points)	20	16	12	8	4	0
Concept of Operations Overview: Presents a clear ConOps description, utilizing a systems integration approach, that addresses supporting systems, constraints, improvements, and interoperability with the existing environment. (Max 20 points)	20	16	12	8	4	0
Implementation Analysis: Provides a feasible pathway and timeline to implementation (by 2035), including technology readiness levels, costs/ROI, training needs, barriers, and operational integration. (Max 15 points)	15	12	9	6	3	0
Innovation: Proposes a novel, creative, or substantially improved solution that reduces cost or enhances safety/efficiency. (Max 15 points)	15	12	9	6	3	0
Proposal Compliance: Includes all required sections, forms, and adheres to format and page limits. (Max 5 points)	5	4	3	2	1	0
Composition / Grammar / Cohesion: Uses correct grammar, clear organization, and professional writing to convey ideas effectively. (Max 5 points)	5	4	3	2	1	0
Video Evaluation Criteria (Max 20 Points)						
Explanation of Proposed Concept: Clearly explains the infrastructure inspection area being addressed and visually illustrates the proposed concept. (Max 10 Points)	10	8	6	4	2	0
Value Proposition: Video provides clear, compelling argument for investment. (Max 5 points)	5	4	3	2	1	0
Overall Impression: Delivers appealing, clear, and well-structured audio and video content that is easy to follow. (Max 5 Points)	5	4	3	2	1	0
TOTAL POSSIBLE POINTS FOR PHASE (Max 100 Points)						

Criteria Assessment

Excellent = Criteria is fully met with exceptional merit, as documented by numerous or significant strengths and with no major weaknesses.

Very Good = Criteria is met with high merit and little errors; strengths fully out-balance any weaknesses and none of those weaknesses constitute fatal flaws.

Good = Criteria is met with a credible response and a few errors; strengths and weaknesses essentially balance each other.

Fair = Criteria is only nominally met and significant errors are apparent; weaknesses outweigh any strengths.

Poor = Criteria is not met and /or has serious flaws; one or more weaknesses constitute fatal flaws.

Not Done = No effort was made to meet criteria.

Final Evaluation Criteria

The criteria below will only be applied to the finalist teams selected to advance to Phase 2.

Excellent

Very Good

Good

Fair

Poor

Not Done

Final Paper Evaluation Criteria (Max 45 points)

Situation Assessment: Demonstrates a well-supported analysis and rationale of the selected inspection area and use case, including challenges, needs, potential impact, and proposed advancements. (Max 10 points)

10

8

6

4

2

0

Concept of Operations: Presents a clear ConOps description, utilizing a systems integration approach, that addresses supporting systems, constraints, improvements, and interoperability with the existing environment. (Max 15 points)

15

12

9

6

3

0

Implementation Analysis: Provides a feasible pathway and timeline to implementation (by 2035 or sooner), including technology readiness levels, costs/ROI, training needs, barrier analyses, and operational integration. (Max 10 points)

10

8

6

4

2

0

Compelling Key Findings: Final paper makes a compelling, well-supported case for concept implementation. (Max 5 points)

5

4

3

2

1

0

Expanded Analyses: Clear highlight of changes made between proposal and final paper. (Max 5 points)

5

4

3

2

1

0

Presentation Evaluation Criteria (Max 35 Points)

Visual Presentation: Quality, clarity, and organization of slides, including effective use of visuals and structure. (Max 10 points)

10

8

6

4

2

0

Presentation Delivery: Effectiveness of communication and delivery, and presence of integration and teamwork. (Max 10 points)

10

8

6

4

2

0

Q&A Response: Quality of responses to questions from the judges. (Max 10 points)

10

8

6

4

2

0

Consistency with Final Paper: Representative of the findings and work written in the final paper. (Max 5 points)

5

4

3

2

1

0

Infographic Evaluation Criteria (Max 20 Points)

Aesthetics, Creativity, & Organization: Visually compelling and appealing, with good organization and flow, including effective use of color, graphics, and layout to summarize opportunity space/use case, improvements, deployment approach (including timeline and challenges), and supporting information. (Max 10 Points)

10

8

6

4

2

0

Technical Simplification: Language and information are easily understood by all audiences, especially those in non-technical fields. (Max 5 Points)

5

4

3

2

1

0

Adherence to Guidelines and Consistency with Final Paper: Compliance with infographic guidelines and use of content solely from the final paper – no additional content. (Max 5 Points)

5

4

3

2

1

0

TOTAL POSSIBLE POINTS FOR PHASE 2 (Max 100 Points)

Criteria Assessment

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