

An aerial photograph of a large-scale construction project. The central focus is a massive, multi-tiered concrete structure, likely a lock or dam, with several large rectangular openings. The surrounding area is a mix of dirt, gravel, and some greenery. In the background, there are more construction materials and structures. The overall scene is one of active development in a natural setting.

APPENDIX 2

TECHNICAL EVALUATION SCORING SHEETS

TABLE 1 - EVALUATION RESULTS PER SCORING FACTOR

TEB	TECHNICAL PROPOSALS – SCORING ELEMENTS	Pre-qualified Tenderer Scores			TEB	TECHNICAL PROPOSALS – SCORING ELEMENTS	Pre-qualified Tenderer Scores		
1	Part 1 – Overall Execution Plan	340	340	340	2	Part 2 – Key Personnel	112	49.5	183
1	a. Understanding Canal Operations				2	1. Contractor's Representative	11	21	46.5
1	b. Key Personnel				2	2. Design Team Manager	22	3	30
1	c. Mobilization and Construction of Temporary Works				2	3. Atlantic Locks Project Manager	41	12.5	40
1	d. Labor Management				2	4. Pacific Locks Project Manager	38	0	23.5
1	e. Supplies and Logistics				2	5. Quality Assurance Manager	0	13	43
1	f. Safety and Security Plan					Part 3 – Organizational Capabilities	Not Used		
1	g. Environmental Management				1	Part 4. Design-Build Execution Methodology	559	575	590
1	h. Quality Management				1	a. Project Chartering	35	35	35
1	i. Project Controls				1	b. Design Management	90	90	90
1	j. Communication & Public Relations				1	c. Labor Management	82	82	90
1	k. Risk Management Plan				1	d. Supplies and Logistics	56	62	62
1	l. Design Plan				1	e. Safety Management	54	54	47
1	m. Construction Plan				1	f. Environmental Management	48	42	51
1	n. Maintenance Service Plan				1	g. Quality Management	63	70	70
1	o. Training Plan				1	h. Project Controls	51	60	60
					1	i. Communication & Public Relations	45	35	45
					1	j. Risk Management	35	45	40

TABLE 1 (continued) - EVALUATION RESULTS PER SCORING FACTOR

TEB	TECHNICAL PROPOSALS – SCORING ELEMENTS	Pre-qualified Tenderer Scores			TEB	TECHNICAL PROPOSALS – SCORING ELEMENTS	Pre-qualified Tenderer Scores		
	Part 5 – Design Plan	1563.5	1778	1713.5		D. Lock Gate Design and Fabrication			
	A. Tender Design for the Works	268	290	283	3	Tender Design	70	245	210
3	1. General Configuration	30	45	45		E. Valves			
2	2. Operational Efficiency	42	49	42	2	Tender Design	140	140	140
2	3. Quality Assurance and Control	70	70	70		F. Electrical	100	105	105
2	4. Design Programme	63	63	63	2	1. Description of the Tender Design for the Power System	30	35	35
2	5. Maintenance	63	63	63	2	2. One-line diagram for each Lock Complex	70	70	70
	B. Approach Channels	65	80	60		G. Control Systems	193	173	193
3	1. Both the Atlantic & Pacific Sites	30	45	30	2	1. Locks Machinery Control System	87.5	87.5	87.5
3	2. For the Pacific Site	35	35	30	2	2. Electrical Distribution Control System	45.5	45.5	45.5
	C. Locks and Civil Works	657.5	675	652.5	2	3. Description of Integrator's past performances	60	40	60
3	1. Excavation and Fill	38.5	49.5	38.5	3	H. Fender System	70	70	70
3	2. Geotechnical	84	108	79		1. Approach Structures			
3	3. Structures	175	150	175		2. Chamber Walls			
3	4. Concrete	80	87.5	80		3. Corner Protection			
3	5. Filling and Emptying System	280	280	280					

TABLE 1 (continued) - EVALUATION RESULTS PER SCORING FACTOR

TEB	TECHNICAL PROPOSALS – SCORING ELEMENTS	Pre-qualified Tenderer Scores		
	Part 6 – Construction Plan	865	905	865
1	a. Mobilization/Construction Operations/Demobilization Plan	192.5	232.5	192.5
1	b. Construction Organization	105	105	105
1	c. Programme	372.5	372.5	372.5
1	d. Construction Quality Control	195	195	195
	Part 7 – Maintenance Services	280	286	327
1	a. Maintenance and Repair Staff for Three Years	49	55	63
1	b. Maintenance Documentation Package	105	105	120
1	c. Transition Plan for Maintenance and Repair	63	63	63
1	d. Projected Total Cost of Ownership Analysis	63	63	81
	Part 8 – Training of ACP Personnel			
2	Training Plans	70	40	70



TABLE 2 - EVALUATION RESULTS PER MAIN SCORING FACTOR			
TECHNICAL PROPOSALS MAIN SCORING ELEMENTS	Pre-qualified Tenderer Scores		
Part 1 – Overall Execution Plan	340	340	340
Part 2 – Key Personnel	112	49.5	183
Part 3 – Organizational Capabilities	Not Used		
Part 4. Design-Build Execution Methodology	559	575	590
Part 5 – Design Plan	1563.5	1778	1713.5
Part 6 – Construction Plan	865	905	865
Part 7 – Maintenance Services	280	286	327
Part 8 – Training of ACP Personnel	70	40	70

