

## **Section 3 - Evaluation and Qualification Criteria**

This Section contains all the criteria that the Employer shall use to evaluate bids and qualify Bidders. No other methods, criteria and factors shall be used. The Bidder shall provide all the information requested in the forms included in Section 4 (Bidding Forms).

## **EVALUATION AND QUALIFICATION CRITERIA**

The evaluation of bids shall be undertaken in accordance with the procedures described herein. No other methods, criteria and factors shall be used.

The evaluation shall be based on the documents that the Bidder has submitted with its Bid. Therefore, the Bidder is reminded to provide all the information requested in the forms included in Section 4 (Bidding Forms) to enable the Employer to make an evaluation.

### **1.1 TECHNICAL EVALUATION**

The first stage in the evaluation process is the evaluation of Technical Proposals and this shall be undertaken in accordance with the technical evaluation criteria, sub-criteria, and scoring system specified below.

Criteria	Requirements	Single Entity	Joint Venture			Evaluation Weight
			All partners combined	One Partner	Each Partner	
<b>1. Financial Capability</b>						<b>30</b>
a) Soundness of the Bidder's Financial Position	Submission of audited balance sheets or, if not required by the law of the Bidder's country, other financial statements acceptable to the Employer, for the last five (5) years. A Bidder's net worth calculated as the difference between total assets and total liabilities should be positive.	Must meet requirement	Not Applicable	Must meet requirement	Must meet requirement	5
b) Size of Bidder's Operation	Average annual construction turnover of <b>US\$225,000,000.00</b> , calculated as total certified payments received for contracts in progress or completed, within the <b>last five years (5) years</b> .	Must meet requirement	Must meet requirement	Must meet at least 40% of the requirement	Must meet at least 25% of the requirement	10
c) Cash Flow Capacity	Using Forms FIN - 3 and FIN - 4 in Section 4 (Bidding Forms) the Bidder must demonstrate access to, or availability of, financial resources such as liquid assets, lines of credit, and other financial means, other than any contractual advance payments to meet a cash-flow requirement of <b>US\$37,500,000.00 and its current works commitment</b> .	Must meet requirement	Must meet requirement	Must meet at least 40% of the requirement	Must meet at least 25% of the requirement	15
<b>2. Construction Experience</b>						<b>35</b>
a) General Construction Experience	Experience in construction contracts in the role of contractor, JV member, subcontractor, or management contractor for at least the last <b>ten (10) years</b> prior to the bid submission.	Must meet requirement	Not Applicable	Not Applicable	Must meet requirement	5

Criteria	Requirements	Single Entity	Joint Venture			Evaluation Weight
			All partners combined	One Partner	Each Partner	
b) Specific Construction and Contract management Experience	Record of successful completion of at least two (2) similar contracts that have been satisfactorily and substantially completed as prime contractor, joint venture member, management contractor or subcontractor within the <b>last 10 years, each</b> with a value of at least <b>US\$240,000,000.00</b> .	Must meet requirement	Must meet requirement	Not Applicable	Not Applicable	15

Criteria	Requirements	Single Entity	Joint Venture			Evaluation Weight
			All partners combined	One Partner	Each Partner	
<p>c) For the above and any other contracts completed and under implementation as prime contractor, joint venture member, management contractor or sub-contractor between 1<sup>st</sup> January 2003 and bid submission deadline, a minimum construction experience in the following key activities successfully completed<sup>1</sup>:</p> <p>1. Common Embankment = 2,000,000.00 cu.m.  2. AC Wearing Course = 245,000.00 sq.m.  3. Bridge Works (Prestress Girder on bored piles), L=674 ln.m.</p>		Must meet requirement	Must meet requirement	Must meet requirement	Not Applicable	15

Criteria	Requirements	Single Entity	Joint Venture			Evaluation Weight
			All partners combined	One Partner	Each Partner	
<b>3. Key Resources Proposed for the Works</b>						<b>17</b>

<sup>1</sup> Volume, number or rate of production of any key activity can be demonstrated in one or more contracts combined if executed during same time period. The rate of production shall be the annual production rate for the key construction activity (or activities). For the rate of production, either the average during the entire period or in any one or more years during the period should be specified.

Criteria	Requirements				Single Entity	Joint Venture			Evaluation Weight
						All partners combined	One Partner	Each Partner	
a) Key Personnel (The bidder shall provide details of the proposed personnel and their experience records using PER-1 and PER-2 included in Section IV, Bidding Forms)	Position	Educational Qualification	Number of Years of Experience in Similar Works (Roads & Bridges)	Number of years of Total Experience				10	
	Project Manager	Civil Engineer	10	15					
	Road/ Highway Engineer	Civil Engineer	8	10					
	Structural/Bridge Engineer	Civil Engineer	6	10					
	Materials/ Quality Assurance Engineer	Professionally qualified materials engineer	5	10					
	Geodetic Engineer	Civil / Geodetic Engineer	5	10					
	Health and Safety Officer	Professionally qualified personnel	-	10					
	Environmental Officer	Professionally qualified personnel	5	10					

Criteria	Requirements		Single Entity	Joint Venture			Evaluation Weight
				All partners combined	One Partner	Each Partner	
b) Key Equipment	Equipment Type and Characteristics	Minimum Number Required					7
	Plant, Crushing 160-250 TPH	1					
	Asphalt Batching Plant (60 TPH)	1					
	Concrete Batching Plant (improvised/batch Typed)	1					
	Washing and Screening Plant	1					
	Asphalt Sensor Paver (3.5-5.0 width screed)	1					
	Asphalt Distributor, 3000 gal	1					
	Power Broom Self Propelled, 90 Hp	1					
	Transit Mixer, 5 cu.m.	4					
	Bulldozer with Ripper 185 Hp	2					
	Bulldozer 140 Hp	1					
	Bored Piling Machine	1					
	Crane Mechanical/Hydraulic 20 Tons	1					
	Wheel Loader, 1.8 cu.m. bucket capacity, 160 hp	4					
	Motor Grader with Ripper, 160 Hp	3					
	Excavator, 0.90 cu.m.	3					
	Excavator with Attachment Breaker, 100Hp	2					
	Tandem Roller, 8-10T	2					
	Vibratory Drum Roller, 10-12T	2					
	Pneumatic Tyre Roller, 15-20T, 150Hp	1					
	Dump truck, 10 cu.m. capacity	10					
	Water Truck with Pump, 500-1000 gal	2					
	Stake Truck, 10-12T	1					
Concrete Pump	1						
Generator, 251-3000w	2						

Criteria	Requirements	Single Entity	Joint Venture			Evaluation Weight
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<b>4. Technical Proposal</b>						<b>18</b>
a) Site Organization	Site Organization Chart- flow-charts showing lines of authorities, key personnel assigned for the specific tasks, numbers of supervisory personal and support staff					3
b) Method Statement	Approach proposed for contract implementation, key activities considered to be necessary to achieve the contract objectives including quality assurance and health and safety program.					5
c) Mobilization Schedule	Site installation plan, including mobilization and demobilization phase covering as a minimum the initial two months as well as the last month of the implementation period					2
d) Construction Schedule	Construction Schedule, covering the entire construction period in MS Project format, showing the schedule and sequence of major work activities, project milestones and critical path					5
e) Local Development	Bidder must submit a Local Development Statement clearly stating its commitment to maximize the use of local resources and his plan for capacity building of Timorese personnel					3
<b>Total</b>						<b>100</b>

The scoring shall be in accordance with the following table:

Score	Score Definition
0	Not acceptable, has not met any reasonable criteria
1- 2	Has only met some minimum requirement and may not be acceptable
3-4	Acceptable
5	Acceptable, has met or exceeded all requirements

**The passing score for bidder qualification is 375 points.**

## 1.2 FINANCIAL EVALUATION

The second stage will be the evaluation of the price proposals of **only the Bidders with the top two technical scores** based on the result of the first stage evaluation above. The price evaluation will be undertaken in accordance with the provisions of Clause ITB-34.

To determine the "price score", the lowest evaluated bid price X will automatically score 500 points for the price component evaluation. Other bidders with bid price Y will be assigned a price proposal score =  $500 * (X / Y)$ .

The final ranking shall be determined by combining the Technical and Price scores, applying a **Technical: Price Ratio of 50:50.**