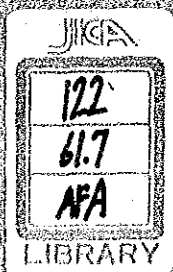


**ROYAL IRRIGATION DEPARTMENT
MINISTRY OF AGRICULTURE AND COOPERATIVES
KINGDOM OF THAILAND**

THE BANG PAKONG DIVERSION DAM PROJECT

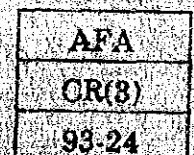
**EVALUATION CRITERIA
FOR
PREQUALIFICATION DOCUMENTS**

FEBRUARY 1993



Prepared by:

**JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
SNAYU CONSULTANTS INC.**

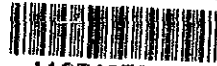


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EVALUATION CRITERIA FOR PREQUALIFICATION

1. Acceptance of Prequalification

The Prequalification Documents submitted by the applicants will be rejected unconditionally if they are:

- a) delivered to the Department after the closing time and date specified.
- b) not in accordance with the required format.

2. Criteria for Evaluation

2.1. General

The applicants will submit the data specified in the Prequalification Forms to the RID to show their capability of carrying out the Project. Each item of the criteria for evaluation of the applicants is shown and summarized in the Evaluation Sheet.

There are various methods of evaluation in the Prequalification. One of them is the method presently being used by some international organizations such as ADB, IBRD, etc., whereby the acquired points of the applicants in the criteria for evaluation are added mechanically to the total points at the end.

In this Project, however, the procedure for Prequalification is based on the overall evaluation system. Criteria for evaluation are classified into four steps, and the final conclusion will be reached in view of the overall results.

2.2. Basic Concept

Emphases in the Prequalification Forms are as follows:

(1) Basic criteria - STEP 1

These three (3) fundamental items will be the basic criteria for evaluation. If the applicant is unable to comply with these requirements supplying adequate evidence, then, he will not be considered, in principle, a potential bidder for the Project.

These three items require that the applicant:

- has had no financial deficit in his business operations in the last three (3) years.

- has experience in the construction of diversion dams in Thailand.
- has a branch or agent in Thailand.

The applicant shall be a contractor who had financially sound and stable business operations; thus, no deficit for the last three (3) years is a prerequisite for all potential bidders. Both experience in the construction of diversion dams in Thailand and a branch or agent in Thailand are clearly stated in item 2 of Invitation to Prequalification as conditions of the applicant.

These points are checked first in the Evaluation Sheet.

(2) Criteria for evaluation of general activities - STEP 2

Criteria for general activities of the applicant will be made, giving points for each item in the Evaluation Sheet attached in accordance with the "Guidelines for Marking the Evaluation Sheet".

(3) Importance of equipment - STEP 3

Considering the importance of daily maintenance and operation of the equipment to be supplied and installed such as the gates, pumps and control systems, special emphasis is placed on the suppliers of equipment. Possible suppliers are requested to submit sufficient data to show their capability in technology, experience in similar projects, etc. In the event these items in the Prequalification Forms are not properly filled in, the applicant will, in principle, be rejected. Furthermore, if the applicant proposes different suppliers in the bid from those in the Prequalification Documents, they will not be approved unless they show that the new suppliers are substantially equal to or better than the suppliers initially proposed.

(4) Additional Information - STEP 4

If there should be any great advantages for the Project of the applicant, he may state them in Form-O, and they will be duly evaluated.

(5) Overall evaluation - STEP 5

After all the requirements for each item of STEPS 1, 2, 3, and 4 have been evaluated according to the above criteria, the final conclusion will be made from the overall rating of the applicant.

If the applicant is a joint-venture, all partners of the joint-venture will be evaluated according to the data that they submit.

3. Guidelines for Marking in the Evaluation Sheet

3.1. **STEP-1:**

- (1) If there is any deficit in the last three (3) years, mark "x". If there is none, mark "o".
- (2) If there is any experience in the construction of diversion dams, mark "o", and write the number of projects in the parenthesis. If none, mark "x".
- (3) If there is an office or a branch of the applicant or an agent in Thailand, mark "o". If none, mark "x".

3.2. **STEP-2:**

(A) **Applicant's Data**

(1) - (4) are items to determine whether the applicant has sufficient personnel strength in engineering and administration.

(1) Total number of permanent employees - Form B 7 (7)

More than 1,000	A
1,000 ~ 500	B
Less than 500	C

(2) Total number of engineers - Form B 7, (1) + (2) + (3) + (4)

More than 1,000	A
1,000 ~ 500	B
Less than 500	C

(3) Key engineers - Form E

Key engineers, in general, would set the level of engineering in the organization of the applicant. Therefore, the numbers, professional careers, experience and amount of time engaged in the construction work of these key engineers should be considered in the evaluation,.

Sufficient	A
Acceptable	B
Not sufficient	C

(4) Total number of administrative staff - Form B 7 (5)

More than 500	A
500 ~ 100	B
Less than 100	C

(5) Yearly contracts in the last 5 years - Form J

Check from the point of total number of contracts and stability of sales for 5 years.

Sufficient	A
Acceptable	B
Not sufficient	C

(B) Financial Data

(1) Paid-up Capital - Form C

Taking into account the possible contract cost of the Project, paid-up capital of the applicant should be at least 2,000,000,000 Baht.

More than B2,000,000,000	A
B2,000,000,000 - B1,000,000,000	B
Less than B1,000,000,000	C

(2) Profit Ratio - Form C

Stable profit will be more highly rated than large but irregular profits .

Sufficient	A
Acceptable	B
Not sufficient	X

(3) Sales (Overseas Contract) - Form J

Item 2 of this Form will show the overseas activities of the applicant in similar kinds of projects.

Sufficient	A
------------	---

Acceptable	B
Not sufficient	C

(4) Financial Soundness - Form C

A check of financial soundness will be made.

Sufficient	A
Acceptable	B
Not sufficient	C

(5) Growth in Financial Aspect - Forms C, J

A check will be made as to whether the applicant has been steadily growing or at least financially stable.

Sufficiently growing	A
Stable	B
Declining	C

(C) Engineering Data

- Diversion Dam

(1) Engineers to be assigned in the Project - Form F

Technical level and career of the engineers to be assigned will be checked.

Sufficient	A
Acceptable	B
Not sufficient	C

(2) List of construction equipment - Form G

Attention be paid as to whether the proposed equipment is owned, to be purchased, or to be hired.

Sufficient	A
------------	---

Acceptable B

Not sufficient C

(3) Experience in diversion dams - Form K

Write the number of all recorded projects.

Sufficient A

Acceptable B

Not sufficient C

(4) Projects in Progress - Form M

Follow the above (3).

Sufficient A

Acceptable B

Not sufficient C

3.3. STEP-3: EQUIPMENT

(1) Experience in the last ten (10) years - Form L

Write the number of projects in the parenthesis.

Sufficient A

Acceptable B

Not sufficient C

(2) Description of major equipment supplied in the last 10 years - Form N

Sufficient A

Acceptable B

Not sufficient C

3.4. STEP-4: ADDITIONAL INFORMATION

Depending on the statement of the applicant, marks will be given in A, B, and C.

3.5. CONCLUSION:

A final conclusion will be made for all applicants after considering the results of all aspects of the evaluation of STEPs 1 - 4.

EVALUATION SHEET

Name of Applicant: _____

CRITERIA FOR EVALUATION	Prequalification Form No.	Standard Points	Evaluated Points
STEP-1		(Number)	(Number)
(1) No deficit in the last 3 years	C	O	
(2) Experience in Diversion Dam Projects in Thailand	K	O	()
(3) Branch or Agent in Thailand	B (6)	O	
STEP-2			
1. Applicant's Data			
1) Total Number of Permanent Employees	B 7 (7)	A	()
2) Total Number of Engineers	B 7 (1), (2), (3) & (4)	A	()
3) Total No. of Key Engineers	E	A	
4) Total Number of Administrative Staff	B 7 (5)	A	()
5) Yearly Contract in the last 5 Years	J	A	
2. Financial Data			
1) Paid-up Capital	C	A	
2) Profit Ratio	C	A	
3) Sales (Overseas Contract)	J	A	
4) Financial Soundness	C, J	A	
5) Growth in Financial Aspect	C, J	A	
3. Engineering Data			
- Diversion Dam			
1) Engineers to be assigned in the Project	F	A	
2) List of Construction Equipment	G	A	
3) Experience in Diversion Dams	K	A ()	()
4) Projects in Progress	M	A	
STEP-3: Equipment			
1) Experience in the last 5 years	L	A ()	()
2) Description of Major Equipment supplied in the last 10 years	N	A	
STEP-4: Additional Information	O	---	
CONCLUSION			

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