



GENERAL AUTHORITY
FOR ROADS, BRIDGES AND LAND TRANSPORT
MINISTRY OF TRANSPORT AND COMMUNICATIONS
THE GOVERNMENT OF THE ARAB REPUBLIC OF EGYPT

THE PROJECT FOR CONSTRUCTION OF
THE SUEZ CANAL BRIDGE
IN EGYPT

PREQUALIFICATION DOCUMENTS

(JAPANESE GRANT AID PORTION)

JICA LIBRARY



J 1133623 (7)

January 1997

PREPARED BY
PACIFIC CONSULTANTS INTERNATIONAL
CHODAI CO., LTD.

SSF

CR (5)

97-002



GENERAL AUTHORITY
FOR ROADS, BRIDGES AND LAND TRANSPORT
MINISTRY OF TRANSPORT AND COMMUNICATIONS
THE GOVERNMENT OF THE ARAB REPUBLIC OF EGYPT

THE PROJECT FOR CONSTRUCTION OF
THE SUEZ CANAL BRIDGE
IN EGYPT

PREQUALIFICATION DOCUMENTS

(JAPANESE GRANT AID PORTION)

January 1997

PREPARED BY
PACIFIC CONSULTANTS INTERNATIONAL
CHODAI CO., LTD.



1133623 [7]

INVITATION TO PREQUALIFY

Gentlemen,

On behalf of the General Authority for Roads, Bridges and Land Transport in Egypt (GARBLT) (hereinafter referred to as "the Employer"), Pacific Consultants International wishes to inform you that the prequalification for competitive tendering is invited from Japanese firms for the Project for Construction of the Suez Canal Bridge (Japanese Grant Portion) (hereinafter referred to as "the Project"). This Project will be financed by a grant from the Government of Japan based upon the Exchange of Notes signed by the Government of the Arab Republic of Egypt and the Government of Japan on the ~~25th day of May~~, 1997 for the Project.

Japanese firms interested in submitting tenders for the construction work, are kindly requested to submit their application for prequalification together with all accompanying documents, which are to be prepared in accordance with the Instructions Applicants, and are to be delivered by hand to:

Pacific Consultants International
7-5, Sekido 1-chome, Tama-shi
Tokyo (206), Japan

The delivery of the application shall be made not later than 14:00 p.m. Japan Standard Time on the ~~16th day of June~~, 1997.

Applicants who are successful with the Pre-qualification submission will be informed in due course.

Yours faithfully,

ENDO Hiroyuki
Project Manager
Pacific Consultants Intentional

Table of Contents

1.	Project Background	1
2.	Scope of Works	2
3.	Conditions of Prequalification	3
4.	Required Documents for Prequalification	4
5.	Notification to Applicants	5
6.	Further Schedule	6

Attachments:

- Form 1 : Letter of Application
- Form 2 : General Information relating to the Applicant
- Form 3 : Financial Statement
- Form 5 : List of Major Overseas Experience
- Form 5 : List of Experience of Similar Work

INSTRUCTIONS TO APPLICANTS

1. Project Background

The present crossing systems of the Suez canal which consist of the Ahmed Hamdi tunnel and the seven ferry boat systems will reach their capacity with the increase in the future forecast road traffic following the development proposed under the National Project for the Development of Sinai (NPDS).

The ferry boats cross the canal by making use of the gaps in the convoys which are controlled by the Suez Canal Authority, but this system is reaching its limit, and the ferry boats can no longer increase their services without endangering the passage of ships transiting the canal.

The purpose of the Project is to construct a road bridge over the Suez Canal at Qantara. - See Fig 1.

The construction of the proposed bridge will permit safe and reliable crossing of the canal regardless of future increases in the road traffic. Building a bridge across the Suez Canal at Qantara, will not only connect the African continent with Asia but also relieve the pressure on the existing crossing systems.

The Suez Canal Bridge construction has been divided into three distinct sections, and the tenders and the construction will be conducted separately but virtually concurrently.

The purpose of the Japanese Grant Project is to construct a main cable-stayed bridge over the Suez Canal together with 560 m long approach bridges at each end of the main bridge. - See Fig. 2.

Beyond these approach bridges there are additional approach bridges and roads which will be constructed by Egyptian Contractors with funding from the Egyptian Government. There will be two Egyptian Contracts ; one on the East Bank and one on the West Bank. - See Figs. 3 and 4 (For Reference only)

The Japanese (Central) Section Contract will be executed virtually concurrently, and in parallel with these two Egyptian Contracts.

Applicants are expected to take notice of the above which may affect access conditions to the site.

Generally, on the West Bank of the canal there are cultivated fields and access to the site is direct from existing roads. On the East Bank however it is in a desert area and generally access to the site will be from the West Bank and entail use of the existing ferries. There is an asphalt military road parallel to the canal which can be used with prior permission.

2. Scope of Works

A brief outline of the Project is as follows:

Main Bridge	Vertical Curve R = 4550 m, Max. Gradient = 3.3 %
Bridge type	Cable-stayed bridge with steel box girder.
Main Pylon	Reinforced concrete (H-shape).
Main Pylon Base	Diaphragm wall foundation.
Main Girder	Steel box girder, steel deck.
Stay Cables	Freyssinet cable.
Side span Piers	Reinforced concrete 4 Nos. (in pairs) total
Side span Foundation	Cast-in-place concrete piles, D1 .5 meters.
Bridge Length (Total)	730 m.
Bridge Height (Deck)	70 m. min. clearance above Canal H.W.L.
Span arrangement	163 m +404 m + 163 m.
Carriageway width	2 x 8.15 m
Pavement	Asphalt Concrete, 8 cm thick.
Approach Bridges	Gradient = 3.3 %
Bridge type	PC box bridge, continuous rigid frame type, cast in-situ
Superstructure	4 Continuous girders of 7 spans.
Substructure	Reinforced concrete structure, 32 piers. total
Foundation	Cast-in-place concrete piles, D=1 .5 meters,
Bridge length	280 m x 4 = 1120 m. (560 m x 2)
Span spacing	40 m.
Carriageway width	2 x 8.15 m.
Pavement	Asphalt Concrete, 7 cm thick.

The Work shall include site survey, design and supply for temporary works, supply of all labour and supervisory staff, installation of materials and equipment, performance tests, transportation, insurance and all other things required in and for the Project Implementation in due conformity with the Tender Documents.

The construction period is 42 months, unless the available period of the Grant stipulated in the Exchange of Notes is extended by mutual agreement between the authorities concerned of the Government of the Arab Republic of Egypt and the Government of Japan.

3. Conditions of Prequalification.

Applicants wishing to pre-qualify for the construction tender are required to satisfy the following conditions.

1) Corporation status.

Qualified tenderers shall be Japanese construction firms who have a license for the construction business as required for executing the construction works directly and/or by subcontracting in Japan in compliance with Provision 1-2, Article 3 of the Construction Business of Japan or the consortium composed of them.

2) Financial status.

The financial status of the applicants must be demonstrated as being solvent and free of any indebtedness, for each contractor in case of a consortium.

Applicants shall be required to submit business records (balance sheet, profit and loss statement) for the last two (2) consecutive years, and a list of completed construction projects together with the total amount paid for the last two (2) consecutive years, for each contractor in case of a consortium.

Applicants currently registered as eligible candidates for tender by the Procurement Department of JICA are exempted from submitting the aforesaid documents and shall submit a copy of the Certificate of Registered Candidate issued by the Procurement Department of JICA.

3) Overseas experience in construction work.

Qualified tenderers shall have experience of at least 3 construction works as a contractor or as the consortium with the contract price of more than 5 billion Japanese Yen during the last ten years, or have experience of construction works of which the total contract price shall be more than 5 billion Japanese Yen executed in overseas areas, either as the Prime Contractor or as a Sub-Contractor.

4) Similar experience in construction work.

Qualified tenderers shall have experience of at least 3 construction works for bridge projects as a contractor or as the consortium, either domestic or overseas, with the contract price equivalent to 2 billion Japanese Yen during the last ten years, either as the Prime Contractor or as a Sub-Contractor.

5) Number of qualified engineers.

Qualified tenderers shall have on their permanent staff more than 1,000 Civil Engineers as a contractor or as the consortium who have been licensed for the following:

- * First Class Licensed Civil Works Supervisor
- * Registered Consulting Engineer.

4. Documents Required for Prequalification.

The applicants for prequalification shall be required to submit the following documents in duplicate, which shall be prepared in accordance with the attached forms and written in the English language.

The application and all accompanying documents shall be delivered by hand to the address below not later than the closing time specified in the Invitation to Pre-qualify of this Prequalification Document.

Application Letter	Form- 1
General Information on Applicant	Form-2
Financial Statement	Form-3
List of Major Overseas Experiences	Form-4
List of Similar Work Experiences	Form-5
Company Brochures	

5. Notification to Applicants

All applicants who satisfy the conditions of prequalification shall be accepted as prequalified and be notified within fourteen (14) days after submission of their successful application. Unsuccessful applicants shall also be notified within the same period

6. Further Timetable of Events

The Contract Tender Documents will be delivered to all prequalified applicants on July 1, 1997. The applicants will be requested to submit their Tender by around August 25, 1997. A Fixed schedule of all events will be stipulated in the Tender Documents.

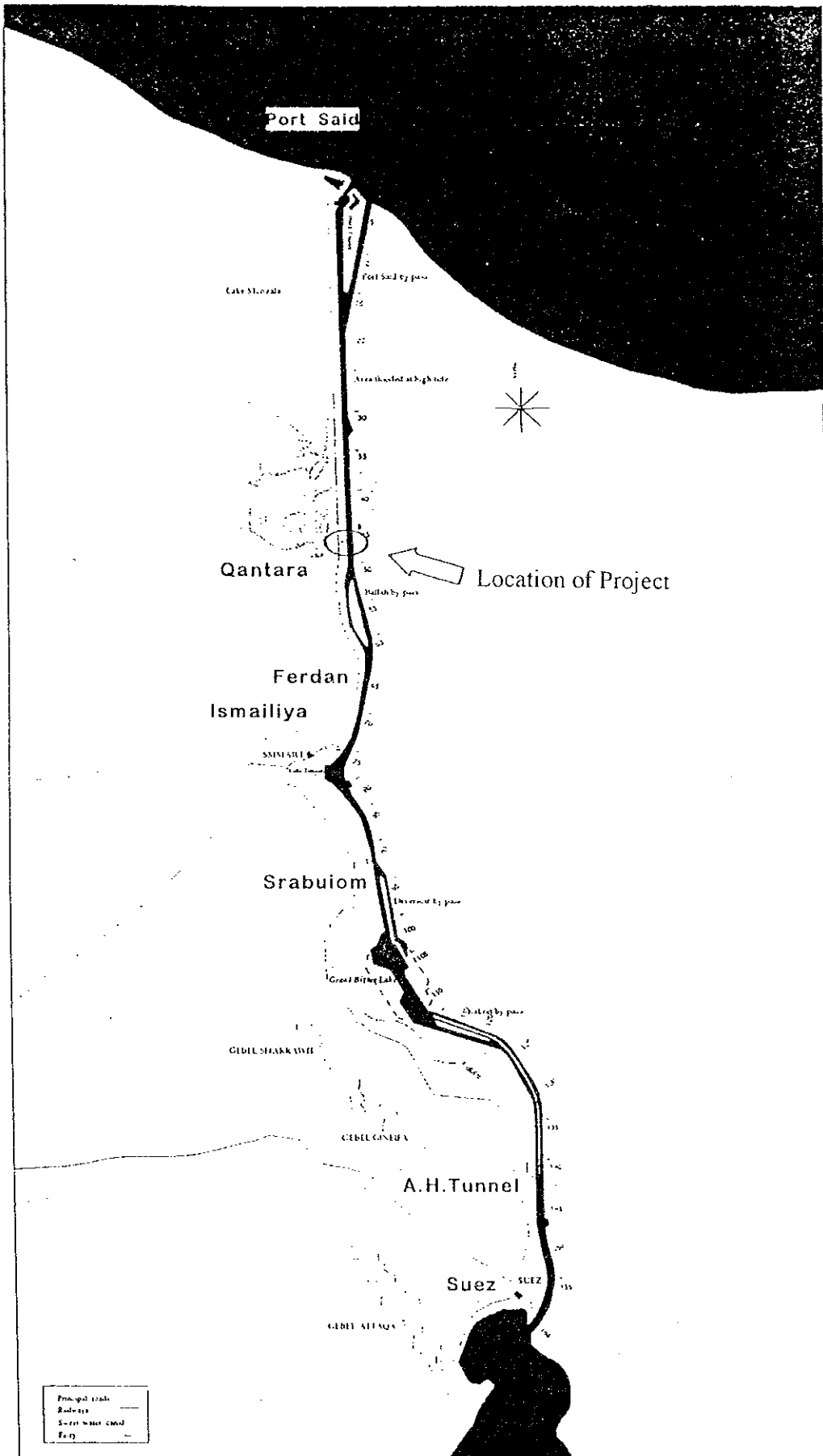


Fig. 1. Location Plan

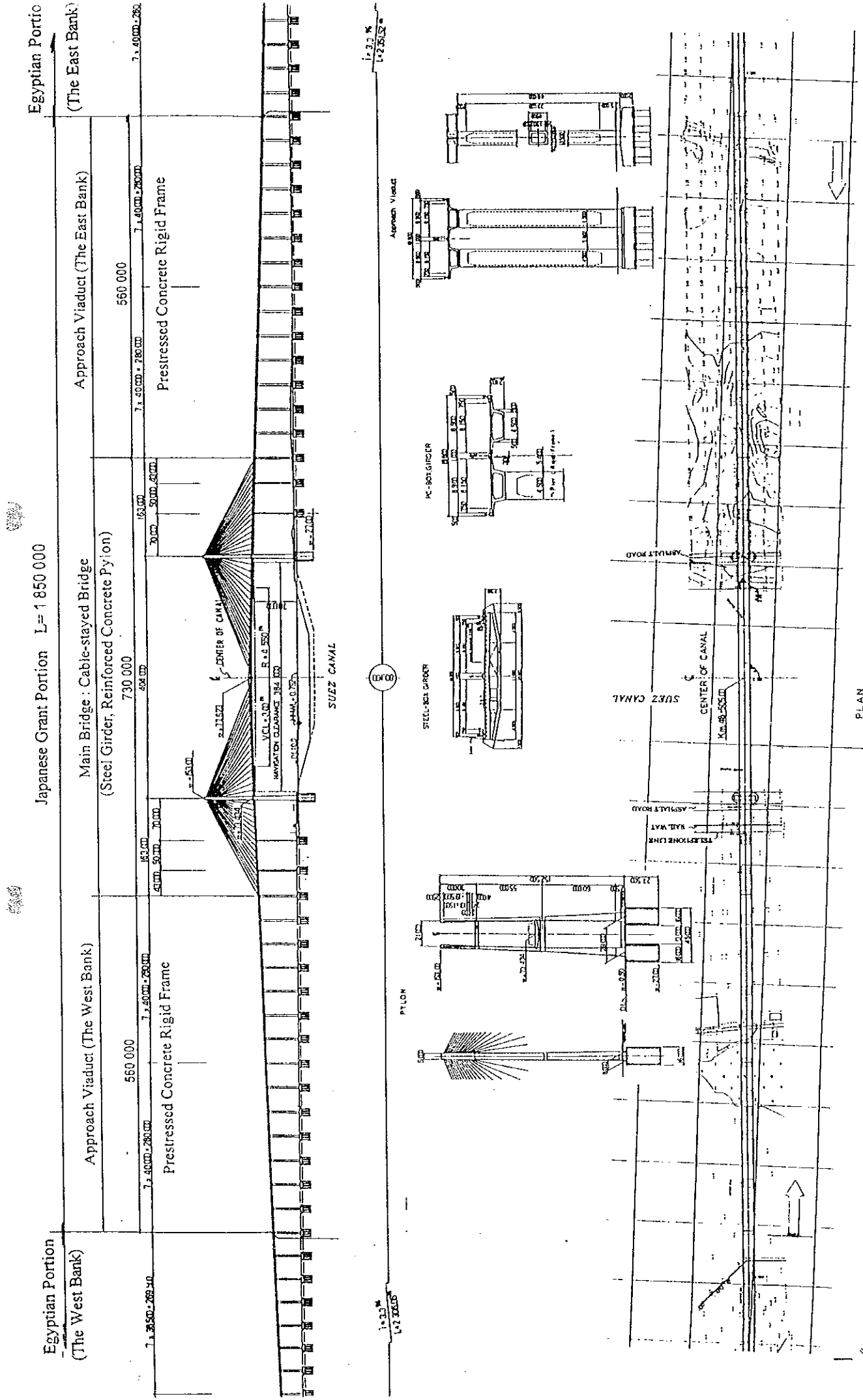


Fig. 2 Center Section

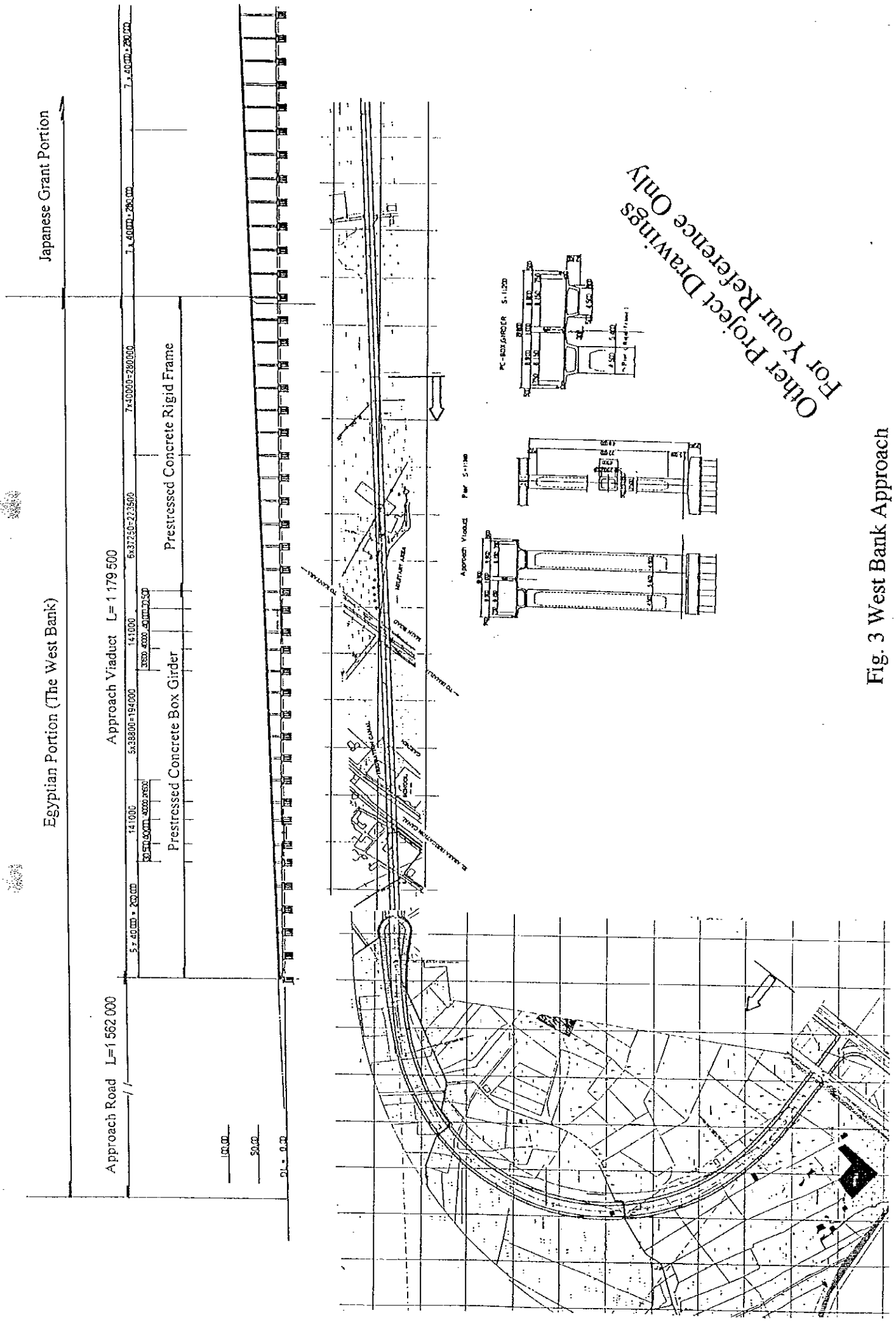


Fig. 3 West Bank Approach

(Form- 1)

(Letterhead of the Tenderer)

APPLICATION LETTER

To: GENERAL AUTHORITY
FOR ROADS, BRIDGES AND LAND TRANSPORT
MINISTRY OF TRANSPORT AND COMMUNICATIONS

Re: THE PROJECT FOR CONSTRUCTION OF
THE SUEZ CANAL BRIDGE
(Japanese Grant Portion)

Dear Sir,

We have pleasure in applying to participate in the prequalification invitation for the captioned project, which is to be financed by Japanese Grant Aid. We hereby submit for your review and acceptance, the required documents in duplicate, which are attached hereto.

We declare that the particulars attached herein are true and correct in every detail.

Dated this **th day of *****, 19**.

Yours faithfully,

(Signature)

(Printed Name of Signee)

(Title of Signee)

(Name of Tenderer)

(Address of Tenderer)

Note : Name and position of the person who may be contacted for further information if required is as follows;

Name :

Position :

Telephone No. :

Facsimile No. :

General Information on Applicant

1. Name (legal name)

2. Address of the Head Office

**3. Specific Construction Business License Granted by Procurement
Department of JICA**

License No.

Date of Issue

4. Name of Company's Representative

5. Establishment Date of Applicant

(month and year)

6. Establishment Date of Department or Section for Overseas Works

(month and year)

7. Full Paid-up Capital

8. Number of Employees

(1) Civil Engineering Staff	_____
(2) Architect Engineering Staff	_____
(3) Mechanical and Electrical Engineering Staff	_____
(4) Structural Engineering Staff	_____
(5) Administrative Staff	_____
(6) Other Staff Members	_____
TOTAL	_____

9. Number of Qualified Employees

(1) First Class Licensed Civil Works Supervisors	_____
(2) First class Licensed Architects	_____
(3) Registered Building Services Engineers	_____
(4) Registered Consulting Engineers	_____

10. Annual Turnover of Overseas Projects (last 10 years)

FY 1986:	J¥
FY 1987	J¥
FY 1988	J¥
FY 1989	J¥
FY 1990	J¥
FY 1991	J¥
FY 1992	J¥
FY 1993	J¥
FY 1994	J¥
FY 1995	J¥

(Name of Signee)

(Title of Signee)

(Name of Tenderer)

(Form-3)

Financial Statement

Unit: Million Japanese Yen

Item	Fiscal Year 199x	199x	199x
1. Gross Value of New Contracts			
2. Gross profit			
3. Operating profit			
4. Ordinary profit			
5. Net profit before tax			
6. Current assets			
7. Fixed assets			
8. Current liabilities			
9. Share holder's equity			
10. Total of liabilities and share holder's equity			

Remarks : Gross profit = Gross income - Operating Costs
 Operating profit = Gross profit - Selling and Administration cost
 Ordinary profit = Operating profit - non-operating expenses
 Net profit before tax = Ordinary profit - extraordinary loss

(Signature)

(Name of Signee)

(Title of Signee)

(Name of Tenderer)

(Form 5)

List of Similar Work Experiences

Name of Project	Client	Country	Contract Amount (Million JY)	Source of Fund	Contract Period	Description of the Works

(Signature) _____
 (Name of Signee)
 (Title of Signee)
 (Name of Tenderer)

0000

0000





JICA