JAPAN INTERNATIONAL COOPERATION AGENCY

THE GOVERNMENT OF THE HASHEMITE KINGDOM OF JORDAN THE MINISTRY OF TOURISM AND ANTIQUITIES THE MINISTRY OF PLANNING

DRAFT
TENDER DOCUMENTS
FOR
CONSTRUCTION

OF

NATIONAL MUSEUM SUB-PROJECT THE TOURISM SECTOR DEVELOPMENT PROJECT

VOLUME I INSTRUCTIONS TO TENDERERS

August 2000

Pacific Consultants International Yamashita Sekkei Inc.

NATIONAL MUSEUM SUB-PROJECT

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INVITATION FOR TENDER

	Date & I	Ref. No.
To: Tenderer		
Name:	Loan No: JO-P	11
Address:	Contract No:	_
Dear Sir.		

Subject: Invitation for Tender, Construction of NATIONAL MUSEUM SUB-PROJECT TOURISM SECTOR DEVELOPMENT PROJECT

THE HASHEMITE KINGDOM OF JORDAN has received an ODA Loan from JAPAN BANK FOR INTERNATIONAL COOPERATION (hereinafter referred to as JBIC) toward the cost of TOURISM SECTOR DEVELOPMENT PROJECT, NATIONAL MUSEUM SUB-PROJECT and intended to apply the proceeds of the loan to payment under the contract. Disbursement of ODA Loan by JBIC will be subject, in all respects, to the terms and conditions of the Loan Agreement, including the disbursement procedures and the "Guidelines for Procurement under JBIC ODA Loans". No Party other than THE HASHEMITE KINGDOM OF JORDAN shall derive any rights from the Loan Agreement or have any claim to loan proceeds. The above Loan Agreement will cover a part of the project cost. As for the remaining portion, THE HASHEMITE KINGDOM OF JORDAN will take appropriate measures for finance.

JBIC requires that Tenderers and Contractors, as well as THE HASHEMITE KINGDOM OF JORDAN, under the Contracts funded with JBIC ODA Loans and other Japanese ODA, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, JIBC;

- (a) will reject a proposal for award if it determines that the tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
- (b) will recognize a contractor as ineligible, for a period determined by JBIC, to be awarded a contract funded with JBIC ODA Loans if it at any times determines that the contractor has engaged in corrupt or fraudulent practices in competing for, or in executing, another contract funded with JBIC ODA Loans or other Japanese ODA.

THE MINISTRY OF PUBLIC WORKS AND HOUSING (hereinafter referred to as "MPWH") invites sealed tenders from prequalified eligible Tenderers for construction and completion of the NATIONAL MUSEUM SUB-PROJECT (hereinafter referred to as "the Works") in accordance with the following documents:

VOLUME I - Instructions to Tenderers

- Appendixes
- Enclosure

VOLUME II - Specifications

VOLUME III - Bill of Quantities

VOLUME IV - Drawings

VOLUME V - Conditions of Contract

A Tender is required for the Construction of the NATIONAL MUSEUM SUB-PROJECT and its associated works for the Tourism Sector Development Project as described in the Tender Documents and to be submitted under sealed cover in accordance with the Instruction to Tenderers.

1. Issuing of Tender Documents

THE MINISTRY OF PUBLIC WORKS AND HOUSING (MPWH) will issue the Tender Documents at the GOVERNMENT TENDERS DIRECTORATE from ---- th to ----th ------ 2000. A set of Tender Document is priced ------ (------) J.D., including sales tax, which is non-refundable and can be paid in cash or cashier check.. The check must be in the name of The Ministry of Public Works and Housing (MPWH) and must be dated no more than three days before the day of selling.

If the authorized person in the company can not come to purchase these documents in person, he must assign a legal power of attorney to someone to act on his behalf.

2. Project Site Visit

A Site visit will be conducted from 09:00 hours on ---- th ------ 2000, at the National Museum Sub-project Site. The Tenderer must attend in person or assign power of attorney to someone to act on his behalf.

3. Clarification Meeting

If the Tenderer has any questions regarding the Tender Documents and/or other detail conditions, the Tenderer must submit written questions to the MPWH GOVERNMENT TENDERS DIRECTORATE by ----th ------- 2000.

The Clarification Meeting will be held on ---th ------ 2000, time 09:00, at the MPWH GOVERNMENT TENDERS DIRECTORATE.

4.	Tender Submission and Tender Opening The completed Tender should be submitted to the MPWH GOVERNMENT TENDERS DIRECTORATE at the following address between the hours of 09:00 - 11:00 on the th
	MPWH Tenders Directorate Eighth Circle, Albiader Street, Amman.
	The Tender will be opened on same day of Tender submission at hours.
5.	Tenderers will be informed in due course of the result of the Tender Review.
6.	All other necessary requirements for the preparation and submission of Tenders are given in the INSTRUCTIONS TO TENDERERS.
	THE MINISTRY OF PUBLIC WORKS AND HOUSING (MPWH) General Director of Government Tenders Directorate
	Nasir Madadha

THE GOVERNMENT OF THE HASHEMITE KINGDOM OF JORDAN THE MINISTRY OF TOURISM & ANTIQUITIES THE MINISTRY OF PLANNING

(JO - P11)

DRAFT TENDER DOCUMENTS FOR CONSTRUCTION

OF

NATIONAL MUSEUM SUB-PROJECT

THE TOURISM SECTOR DEVELOPMENT PROJECT

VOLUME I INSTRUCTIONS TO TENDERERS

The JICA D/D Study Team
Joint Venture:
Pacific Consultants International, Tokyo
Yamashita Sekkei Inc

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INSTRUCTIONS TO TENDERERS

1. GENERAL

- a. THE MINISTRY OF PUBLIC WORKS AND HOUSING (hereinafter referred to as "MPWH"), PROJECT MANAGEMENT UNIT (MPWH) of THE HASHEMITE KINGDOM OF JORDAN has received a loan from JAPAN BANK FOR INTERNATIONAL COOPERATION (hereinafter referred to as the "JBIC") for the Tourism Sector Development Project, **National Museum Sub-Project**. The MPWH shall apply the loan towards the cost of the project and intends to apply the proceeds of the loan to eligible payments under this contract for which this invitation to tender is issued (hereinafter called "the Contract"). Disbursement of loan by the JBIC will be made only at the request of the MPWH and upon approval by the JBIC in accordance with the terms and conditions of the Loan Agreement No. JO-P11, dated 2nd December 1999 including "Guidelines for Procurement under JBIC ODA Loans" and will be subject in all respects to the terms and conditions of the said agreement. No party other than MPWH shall derive any rights from the Loan Agreement or have any claim to loan proceeds.
- b. Fund for the both foreign and local currency portions of the Project covered under this Contract is financed under the said Loan Agreement, and it is intended that proceeds of this loan will be applied to payment for the foreign and local currency portions under the Contract except Taxes and Duties which will be borne by the Government of the Hashemite Kingdom of Jordan (hereinafter referred to as the "Government").
- c. The proceeds of the loan are required to be used with due attention to considerations of economy, efficiency and non-discrimination among countries which are eligible for procurement of goods and services (such countries are hereinafter called "The eligible source countries").
 The list of Eligible Source Countries is included in the Appendix "M"
- d. Only those contractors who have been pre-qualified by the MPWH will be eligible to participate in this Tendering. The MPWH is required to submit to the JBIC a complete statement of the source and origin of the plant, materials and services furnished under the Contract. To assist the MPWH in this matter, the Tenderer shall submit a complete breakdown of the source or origin of all plant, materials and services furnished under the Contract.
- e. The Tenderer shall familiarize himself with the forgoing requirements and, in submitting a Tender. The Tenderer shall be deemed to have taken account of and complied with the Government laws, regulations, agreement, procurement procedure and other qualifying requirements.

2. GENERAL DESCRIPTION OF THE PROJECT

2-1 General

The Tenderer is required to submit tender proposal for supply of all labour, materials, plants and services required to complete supply, fabrication, construction, inspection,

testing, packing and transporting to job-site, together with on-site installation and commissioning services related to Work entitled "NATIONAL MUSEUM SUB-PROJECT".

2-2 Project feature

Detail description of scope of the work required to the Contractor under this contract package, which shall be completed in a single package contract will be stated in Technical Specifications, Volume II of Tender Documents.

a. Site Location: Ali Bin Abi Taleb Street, Ras Al-Ein, Amman

See the Location Map Drawing

Development Site Area :15,600m2
- Building area in total : 4,090m2
- Car parking area : 1,400m2
- Entrance plaza : 1,560m2
- Outdoor exhibition space : 700m2
- Others (landscaping areas) : 7,850m2

c. Building and associated facilities

(a) Total floor area : 9,230m2 - Main building : 8,150m2 · Basement floor : 2,910m2 · Ground floor : 2,510m2 • 1st floor (Mezzanine) : 590m2 • 2nd floor : 2,140m2 - Annex-building : 940m2 Ground floor : 940m2 : 140m2 - Bridge

(b) Exhibition Galleries

- Permanent Gallery : 3,030m2- Temporary Gallery : 350m2- Outdoor Space : 700m2

(c) Number of stories

- Main building : 3 stories and 1 basement floor

- Annex building: 1 story

(d) Type of structure: Reinforced concrete(e) Foundation type: Mat slab foundation

(f) Other provisions

- Exhibition equipment and materials

- Utility services

- Landscaping and car parking

- General furniture and equipment

3. TENDER DOCUMENTS

a. The Tender Documents consist of the followings:

VOLUME I: TENDERING AND CONTRACTING REQUIREMENT

- INSTRUCTIONS TO TENDERERS
- FORM OF TENDER
- APPENDIXES

Appendix A: Schedule of Time, Rates and Conditions

Appendix B: Form of Agreement

Appendix C: Form of Tender Security

Appendix D: Form of Performance Security

Appendix E: Foreign Currency Requirement

Appendix F: Form of Advance Payment Security

Appendix G: Drawing List

Appendix H: General Construction Schedule

Appendix I: Temporary Facility Location Map

Appendix J: Site Investigation Report

Appendix K: Query Form

Appendix L: Tender Acknowledgement

Appendix M: List of Eligibility Countries

- ENCLOSURES

Enclosure No.1: Power of Attorney

Enclosure No.2: Certification of Submission of Tender Security

Enclosure No.3: Joint Operation Agreement

Enclosure No.4: Letter of Association

Enclosure No.5: Affidavit of Site Inspection

Enclosure No.6: Basic Program of The Work

Enclosure No.7: Contractor's Organization Chart

Enclosure No.8: Outline Construction Plan and Proposed Layout Plan for

Temporary Works

Enclosure No.9: List of Contractor's Equipment to be used on the Works

Enclosure No.10: List of Major Materials and Plant for the Works

Enclosure No.11: List of Sub-Contractors/ Suppliers

Enclosure No.12: List of Intended Import Material and Plant

Enclosure No.13: Breakdown of Major Rates

Enclosure No.14: Detailed Monthly Cash Flow of Anticipated Contract Payments

VOLUME II- SPECIFICATIONS

VOLUME III- BILL OF QUANTITIES

VOLUME IV- DRAWINGS

VOLUME V - CONDITIONS OF CONTRACT

PART (I) : GENERAL CONDITIONS OF CONTRACT
PART (II) : SPECIAL CONDITIONS OF CONTRACT

b. The Tenderer, whether or not submits a tender proposal, shall treat all the Tender Documents as private and confidential. The Tenderer shall not use them other than for the preparation of his tender proposal and shall not in part or in whole reproduce or release them to any third party without prior written consent of the MPWH. The Tenderer, however, may transmit to a third party such part of the Tender Documents as necessary for the purpose of preparing his tender proposal provided that such third party undertakes to keep confidential.

The MPWH may deem any violation of this secrecy obligation by such third party as the same by the Tenderer.

4. OUALIFICATION OF TENDERER

- a. Only those Tenderers who have been pre-qualified by the MPWH will be eligible to participate in this tendering.
- b. If a Tenderer has been pre-qualified in association with other companies as a joint venture, consortium and/or with one or more major subcontractors (a subcontractor responsible for more than Thirty percent (30%) of the total value of the work) this group must be jointly maintained in tendering and contracting, except that subcontractors, other than major subcontractors, can be included, excluded or substituted at any time subject to the approval of MPWH.
- c. Any pre-qualified Tenderer may not change his original joint operation partner(s) who has (have) been proposed at the stage of Prequalification and approved by the MPWH.
- d. No further joint operation is permitted with any other partner.
- e. During the Tender period, the Tenderer is obliged to attend all events announced officially by the MPWH.

5. VISITING PROJECT SITE

For the convenience of Tenderers, an official or representative of the MPWH will conduct a job-site visit at the time and on the date specified in the Invitation to Tender. It is mandatory that Tenderers participate in this visit.

Should the Tenderer required further visit and inspection of the site, the Tenderer may visit and inspect the site, on his own responsibility and at his own expense, to obtain all information that may be necessary for the purpose of preparing his Tender and entering into a Contract.

6. TENDERER UNDERSTANDING/EXAMINATION OF DOCUMENTS

- a. The Tenderer shall satisfy himself, by careful inspection as to the nature and location of the works, the conformation of the ground, the character, quality and quantity of the materials to be encountered, the type of construction equipment and facilities needed for the execution of the works, the general and local conditions, the plant to be furnished and installed and all other matters which can in any way affect the work under the Contract. No verbal conversation with any officer, agent, or employee of the MPWH shall be deemed to affect or modify any of the terms or obligations of the Tender Documents.
- b. The Site investigation report is included in the Appendix "J" as a guide only for preparing his Tender, but without assurance as their accuracy or applicability and without prejudice to the Tenderer's liability.
- c. The Tenderer shall be responsible for the examination and understanding of all parts of the Tender Documents furnished.
- d. All divisions or amendments to the Tender Documents shall be made through the formal addenda duly issued by the MPWH.
- e Any neglect or failure on the part of the Tenderer to obtain reliable information and physical conditions on the spot or elsewhere, or any other matters affecting the execution, completion and maintenance of the Works, the Tender Price and the Contract shall not relive the Tenderer whose tender proposal is accepted, of the responsibility for completing and handing over the Works as defined in the Contract.

7. LANGUAGE AND MEASUREMENT SYSTEM OF TENDER

All correspondence in connection with the Tender, the Contract and all matters accompanying the Tender shall be in English and all measurement and quantities are to be expressed in units of the SI System.

8. INTERPRETATION OF TENDER DOCUMENTS/PRE-TENDER MEETING

- a. The Tenderer is under obligation to attend a Pre-tender meeting at the Government Tenders Directorate of the MPWH in Amman or anywhere on a date and time specified in the Invitation to Tender.
- b. The meeting will be held for the purpose of clarifying any elements of the proposed work and

also for answering all written questions received from the prospective Tenderers before the time of the pre-Tender meeting and questions which may arise during the meeting.

c. Should the Tenderer have any query on any matter concerning the Tender Documents, such query shall be sent to the MPWH in writing in the form provided in Appendix "K" not later than twenty-one (21) days prior to the Tender Opening Date. Each addendum to answer such query and/or to notify modifications will be issued by the MPWH Government Tenders Directorate not later than fourteen (14) days prior to the Tender Opening Date. Each Addendum will be distributed to all those who have been issued the Tender Documents and who shall acknowledge receipt of each Addendum by signing and returning the attached Receipt Form. All Addendum issued will become part of the Tender Documents.

9. TAXES AND CUSTOM DUTIES

- a. The Tenderer shall obtain all the information on Jordanian income tax, sales taxes, and other taxes and duties, and confirm the requirements thereof on his own responsibility.
- b. All taxes and duties, including custom duties and import taxes, levies in accordance with laws and regulations of the Hashemite Kingdom of Jordan in connection with the performance of the Works to be paid by the Contractor, (those taxes and duties shall be bone by the Government in accordance with the Sub-Clause 1, b of the Instructions to Tenderers), shall be deemed to be included in the Tender Price.
- c. Attention of the Tenderer shall be drawn to the fact that local regulations require special formalities to be complied with in connection with the ordering, purchasing and importing of materials and plant.

10. SIGNING

- a. A Tender by corporation shall be executed in the official corporate name followed by the signature and designation of the president, secretary or person(s) legally authorized to bind the corporation. A Power of Attorney granting the person to sign the Tender Proposal shall be enclosed with the tender proposal.
- b. A Tender by joint operation shall be executed and designated by one of the partners or by an authorized representative as specified hereinbefore.
- c. A power of Attorney giving authorization to sign as the representative of the corporation or the joint operation shall be attached to the Tender.

11. TENDER EXPENSE

All costs, charges and expenses incurred directly or indirectly by the Tenderer as to site visits and

investigations, the preparation and submission of his Tender including all accompanying documents, Tender Security, authentication and other incidental cost shall be borne by the Tenderer.

12. WITHDRAWAL

The Tender, once submitted, shall not be withdrawn by the Tenderer, for any reasons whatsoever. If the Tenderer withdraws before expiration of the Tender Validity, the amount of his Tender Security shall be forfeited to the MPWH by virtue of this Clause.

13. PREREQUISITE CONDITIONS

The MPWH reserves the right to:

- -: Require clarifications from the Tenderer,
- -: Reject any sub-contractor proposed,
- -: Reject any alternative proposals deviating from original design requirements,
- -: Require the Tenderer to submit satisfactory evidence of the proposed construction method, materials or plant and a like, before singing the Contract or to make additional submittals after signing the Contract.

14. DOCUMENT COMPRISING THE TENDER

The Tender shall be submitted only and in the form attached hereto as part of the Tender Documents and which shall be completed in strict accordance with instructions herein. Unless otherwise specifically remarked, any proposals made by other forms will not be accepted.

Tender shall comprise the following documents which are categorized into two packages.

PACKAGE –I DOCUMENTS shall contain all documents as encountered below with all the information except the value of the Tender. All prices, rates and totals comprising the Tender shall be entirely confined to the **PACKAGE - II DOCUMENTS**.

In case there is discrepancy between the original set and the copies of the Tender, the original shall govern.

14-1. Package - I Documents

- a. A notarized Power of Attorney issued by the Tenderer to his legal representative and signatory to the Tender Documents in accordance with Sub-clause 10) herein (marked as Enclosure No. 1).
- b. Certification of submission of Tender Security certifying the Tender Security has included in Package- II Documents (marked as Enclosure No.2)
- c. Joint Operation Agreement (marked as Enclosure No. 3)

- d. Letter of Association (marked as Enclosure No.4)
- e. Affidavit of Site Inspection (marked as Enclosure No. 5).
- f. A Basic Program of the Works (marked as Enclosure No.6).
- g. Organization and key personnel (marked as Enclosure No. 7).
- h. A Construction Plan and Temporary Works Plan (marked as Enclosure No.8).
- i. A List of Contractor's equipment (marked as Enclosure No. 9).
- j. A List of Major Materials and Plant (marked as Enclosure No. 10).
- k. List of sub-contractors/ suppliers (marked as Enclosure No.11).

14-2. Package - II Documents

- a. Form of Tender
- b. Tender Security (refer to Appendix C)
- c. Foreign Currency Requirement (refer to Appendix E)
- d. List of Intend Import Material and Plant (marked as Enclosure No.12)
- e. Breakdown of Major Rates. (marked as Enclosure No. 13).
- f. Detailed monthly Cash Flow of Anticipated Contractor Payments. (marked as Enclosure No. 14)
- g. Priced Bill of Quantities and Daywork Rate (refer to Volume III).

15. TENDER PRICE

The Tenderer shall calculate his Tender Price according to the instructions given herein and present these prices in the Form of Tender and Bill of Quantities in a manner specified herein.

15-1. Unit price base Contract

a. Unless stated otherwise in the tendering documents, the Contract shall be for the whole Works as described in Clause 2, based on the schedule of unit rates and prices submitted by the Tenderer.

- b. Individual schedule rates and item prices, whether quoted on unit price basis or on a lump-sum basis in the Bill of Quantities, will be only used for purposes of tender evaluation and comparison, interim payments calculation, and, in some cases, of price basis for issuance of variation order as prescribed in the Conditions of Contract.
- c. The Bill of Quantities has an entry for each item on which payment shall be made and no other allowance of any kind shall be made unless specifically provided for in the Tender Documents. In the appropriate spaces provided for in the Bill of Quantities, opposite each Tender item, the Tenderer shall specify the unit rate or lump sum for the work and/or services included under the item. If the rate of an item is not filled in, the cost of that item shall be deemed to be included in the unit rate for other items.
- d. In case of discrepancy between the "Unit Rate" and the corresponding "Total Amount" entered for any item in the Bill of Quantities, the "Unit Rate" shall govern.

15-2. Currency of Tender

All rates and prices and each claim or statement for payment for work to be completed shall be expressed in terms of Jordanian Dinar.

The foreign currency (international traded currency) percentage quoted by the Tenderer in his Tender shall be on the basis of the justification made by the price analysis submitted by him as described below, giving the breakdown of the foreign and local components of the pay items specified in the Bill of Quantities.

The foreign currency component shall be calculated according to the following principles:

- Expenditures estimated to be incurred in Jordan for goods and services obtainable locally shall be classified as local component for all Tenderers
- b. A Tenderer from a foreign country should classify all expenditures to be incurred in other eligible source countries of the Japan Bank for International Cooperation (JBIC) for materials and plant (C.I.F. port of entry, Jordan) produced in and/or services supplied from such countries including salaries and wages of foreign personnel as well as the Contractor's profits and his office overhead as foreign component expressed in the currencies of such countries and converted into Jordanian Dinar. A Tenderer from a foreign country shall, when so requested by the MPWH, produce letters of credit covering expenditures for material and plant.
- c. A Tenderer from Jordan shall classify only such expenditures estimated to be incurred in other eligible member countries of the JBIC for materials and plant (C.I.F. port of entry, Jordan) produced in and/or services supplied from such countries as foreign component expressed in Jordanian Dinar. A Tenderer from Jordan shall, when so requested by the MPWH, produce letters of credit covering such expenditures.

- d. The foreign exchange component in respect of construction equipment shall be limited to the value of depreciation of such equipment during the period of construction.
- e. On the basis of the price analysis made according to the above principles, each Tenderer shall enter in the Foreign Exchange Form included as Appendix "E", in the Tender Documents, the required percentage of foreign currency in relation to the total amount of the Tendered Sum. Should the Contractor fail to submit his detailed price analysis with his Tender, the required percentage of foreign currency shall be considered to be nil irrespective of percentage of foreign currency stated by the Tenderer in Appendix "E", Foreign Exchange.
- f. The foreign exchange rates that should be applied in the calculation of the unit rates and /or lump-sum prices of the Foreign Currency Component are to be entered in Appendix "E", Foreign Exchange. The rate shall be the T/T Buying Rate for the Jordanian Dinar, available from the Central Bank of Jordan, prevailing twenty-eight (28) days prior to the date of the opening of the Tenders." The Currency Exchange Rate stated in the Appendix "E", Foreign Exchange, is fixed duration of the Contract Period.

16. TENDER VALIDITY

- a. Tender shall remain valid and open for acceptance for a period of ninety (90) days after the date of Tender Opening prescribed in Clause 19. (Tender Opening).
- b. In exceptional circumstances, prior to expiry of the original Tender validity period, the MPWH may request the Tenderer for an extension of the period of Validity. The request and responses thereto shall be made in writing.
- c. The Tenderer will be required to extend, at his own expense, the validity of his Tender correspondingly. The provision of Clause 17 regarding discharge and forfeiture of Tender Security shall be continue to apply during extended period of Tender validity.

17. TENDER SECURITY

- a. The Tenderer shall furnish, as a part of his Tender, a Tender Security in the form of Bank guarantee in the amount of J.D. -----issued by bank acceptable to the MPWH.

 The "Form of Tender Security" is included as Appendix C in the Tender documents.
- b. The Tender Security shall be valid for thirty (30) days beyond the validity of the Tender.
- c. Where the Tenderer is a single company, the Security shall be in the same name of that company. Where the Tenderer is a joint venture/consortium, the Security shall be in the name of joint venture/consortium as expressed in the Tender.

- d. The Tender Security of unsuccessful Tenderers will be discharged/returned as promptly as possible, and in any case not later than thirty (30) days after the expiration of the period of Tender Validity.
- e. The Tender Security of the successful Tenderers will be discharged when the successful Tenderer has signed the Contact Agreement and furnished the required Performance Security.
- f. The Tender Security may be forfeited:
 - 1) if a Tenderer withdraw his Tender during the period of Tender validity; or
 - 2) if a Tenderer fail to accept the change in the Tender Price after arithmetical checking in accordance with the Tender Documents
 - 3) in case of the successful Tenderer, if he fails within the specified time limit to:
 - (i) sign the Contract Agreement, or
 - (ii) furnish the required Performance Security

18. SUBMISSION OF TENDER

18-1 Format and Signing of Tender

- a. The Tenderer shall submit one (1) Original and Five (5) copies of all the documents comprising the Tender, clearly marked "ORIGINAL" and "COPY" as appropriate. In case there is discrepancy between the original set and the copies of the Tender, the original shall govern.
- b. The original and copies of the Tender shall be typed in indelible ink. The Tender, Appendix to Tender, Enclosure No. 1 to 14, together with all Summary, Final Summary and Overall Summary pages of the Bill of Quantities shall be signed by a person (or persons) duly authorized to bind the Tender. Proof of authorization shall be furnished in the form of written Power of Attorney which shall accompany the Tender. All pages of the Tender, where necessary, entries or amendments have been made in line with addenda (Notice to Tenderer) shall be signed by the person (persons) signing the Tender.
- c. The complete Tender shall be without alteration or erasures, except those to accord with written Notice to Tenderers issued by the MPWH or as necessary to correct errors made by the Tenderer, in which case such corrections shall be initialed by the person (or persons) signing the Tender.
- d. All pages of the Tender, except those referenced in Clause 18-1,b above, shall be initialed by the person (or persons) signing the Tender.

18-2. Sealing and Marking of Tender

- a. The Tenderer shall seal the Original and each Copy of the documents, comprising the Tender, in an inner envelope and outer envelope or container with the list of contents, and signed by the Tenderer, duly marking the envelope or container as "ORIGINAL" and "COPY" as appropriate.
- b. Package –I and Package –II Documents shall be submitted in separate envelope or container in the same manner specified in Sub-clause 18-2, a, above.
- c. Each complete set of Tender Documents shall be in envelope or container and shall consist of:

PACKAGE - I DOCUMENTS

Contained in a sealed envelope or container bearing the following identification:

THE MINISTRY OF PUBLIC WORKS AND HOUSING, JORDAN GOVERNMENT TENDERS DIRECTORATE Eighth Circle, Albiader Street, Amman.

TENDER FOR THE TOURISM SECTOR DEVELOPMENT PROJECT NATIONAL MUSEUM SUB-PROJECT PACKAGE – I DOCUMENTS

(Name of Tenderer)
(ORIGINAL or COPY, as appropriate)

PACKAGE - II DOCUMENTS

Contained in a sealed envelope or container bearing the following identification:

THE MINISTRY OF PUBLIC WORKS AND HOUSING, JORDAN GOVERNMENT TENDERS DIRECTORATE

Eighth Circle, Albiader Street, Amman.

TENDER FOR THE TOURISM SECTOR DEVELOPMENT PROJECT NATIONAL MUSEUM SUB-PROJECT PACKAGE – II DOCUMENTS

(Name of Tenderer)
(ORIGINAL or COPY, as appropriate)

18-3. Submission

- a. The envelop or container shall be personally delivered by the Tenderer or his duly authorized representative to the address stated Sub-clause 18-2, f. above, and shall be received by the MPWH only during the submission time and date announced in the Letter of Invitation to Tenderer. The Tender sent by cable, telex or facsimile will not be accepted.
 It is to be fully understood that any risk accompanied by the submission of his Tender Proposal until its physical receipt by the MPWH shall solely rest with the Tenderer.
- b. Each envelope or container will be time/date-stamped by the MPWH as it is received and will be maintained, sealed and safeguarded in the place with routine security and confidentiality.
- c. Any Tender that has been submitted in the period other than specified by the MPWH shall be rejected, for any reasons whatsoever.
- d. No alteration or modification of the Tender, once submitted, shall be accepted.
- e. The Tenderer shall inform the MPWH, within seven (7) days of receipt of Tender Documents, as to whether he intends to submit the Tender or not by filling the form of Request for Tender Acknowledgement Appendix "L".

18-4. Date for Submission of Tender

- a. Tender must received by the MPWH Government Tenders Directorate at the MPWH OFFICE on the date and period specified in the Invitation of Tender.
- b. The MPWH may, at their discretion, extend the closing date for submission of Tenders by issuing addendum in accordance with the Clause 8, (Interpretation of Tender Documents /Pre-tender meeting), in which case all rights and obligations of the MPWH and the Tenderers previously subject to the original submitting date shall thereafter be subject to the new submitting date as extended.
- c. Any Tender submitted to the MPWH other than during the time and date specified for submission of Tenders shall be returned un-open to the Tenderer.

19. TENDER OPENING

- a. The MPWH will open the Tender in the presence of Tenderer's representatives who choose to attend the opening of Tender at the Government Tenders Directorate.
- b. The Tenderer's authorized representatives who are present shall sign a register as evidence of attendance.
- c. Any Tender for which acceptable Notice of Withdrawal have been submitted shall not be opened.

- d. The MPWH will announce the Tenderer's names, withdrawals (if any) and the names of Tenderers who have not submitted their Tenders.
- e. The MPWH shall prepare, for their own records, minutes of the Tender Opening, including the information disclosed to those present in accordance with Sub-Clause 19, b, above.
- f. The MPWH will open Package -I Documents to examine the Tender to determine whether they are complete, whether the documents have been properly signed, and whether the documents are generally in order in accordance with Sub-Clause 18 of the Tender Documents.
- g. Should the Package -I Documents of the Tender be determined by the MPWH to be not in compliance with the requirements of the Tender Documents, then such Tender shall be rejected and returned to the Tenderer.
- h. Deviations and omissions will be recorded. Incomplete Package –I Documents will be returned to the Tenderer and results in termination of the Tender to participate in the subsequent phase of the Tender.

20. TENDER EVALUATION

- a. Evaluation of Tender will be made by the MPWH and MPWH's representative based on the criteria briefly stipulated hereinafter.
- b. Evaluation of Tender shall be processed in "Two Stage System" as follows:
 - 1) Stage –1: Contractual and Technical Evaluation of the Package –I Documents
 - 2) Stage -2: Price appraisal of the Package -II Documents
- c. The MPWH reserve the right to accept or reject any or all Tenders and is not bound to accept the lowest Tender. The MPWH shall not be liable for any claim regarding the procedure of the evaluation of the Tendering and shall not be bound to give any reasons for his decision to any Tenderer.

20-1. Stage – 1: Contractual and Technical Evaluation

(Package –I Documents)

- a. The Tenders submitted by qualified Tenderers shall be evaluated for contractual and technical qualification.
- b. The weighting system will be utilized for technical evaluation. The Tender scoring more than the predetermined level of each evaluation item will be deemed to be technically qualified.
- c. Contractual appraisal and technical evaluation shall include an examination of:
 - Power of Attorney (Enclosure No.1)
 A notarized Power of Attorney issued by the Tenderer to his legal representative and

signatory to the Tender Documents in accordance with Sub-clause 10 herein

Certification of submission of Tender Security (Enclosure No.2)
 Certifying the Tender Security is included in Package –II Documents.

3) Joint Operation Agreement (Enclosure No.3)

In case the Tenderer joins this Tender on joint operation bases, he shall submit the joint operation agreement, giving proof that the Tender is binding upon all the participants of the joint operation and that they are jointly and severally responsible for the tender proposal and the subsequent Contract.

4) Letter of Association (Enclosure No.4)

In case the Tenderer, whether a single or joint contractor, utilizes a sub-contractor(s) for certain field of work, he shall submit a Letter of Association obtain from each of the participating sub-contractor(s) giving proof that the participating sub-contractor(s) will work under the control and management of the Tenderer but the Tenderer is wholly and fully responsible for the Tender and the subsequent Contract.

- 5) Affidavit of Site Inspection (Enclosure No.5)
- 6) Basic Program of the Works (Enclosure No.6)

Basic Program of Construction and installation of the Works including detailed construction schedule utilizing CPM method. The construction/installation of the Works shall be completed within twenty-four (24) months from the commencement date including all Key dates/periods stated in the Appendix "H".

7) Organization and Key Personnel (Enclosure No.7).

The ability of the Tenderer to organize and manage the Project shall be evaluated to ensure the quality of performance in consideration of the time of completion of the Works.

The Organization Chart indicating all designations and positions of the construction management exhibition specialist and supervisory personnel including their appropriate curricula vitae, and a monthly staff manpower requirement chart for the total Contract Period, divided into local and foreign personnel.

Separate sheet of Proposed Maintenance Organization Chart during and after the Defect Liability Period.

8) Outline Construction Plan and Temporary work plan (Enclosure No. 8).

The Construction plan including, layout plan for temporary works, method statement, description of sequence, and quality and safety control procedures.

A Construction Plan and Proposed Layout Plan for Temporary Works of project sites showing the Tenderer's proposed temporary roads, construction plan, temporary facilities, such as, camps, offices, workshops, storage, etc.. The designated location and area for the Temporary facilities is included in the Appendix "I".

Construction/installation plan proposed by the Tenderer will be examined from the construct ability aspect.

During NATIONAL MUSEUM SUB-PROJECT Construction Works, other Contractors may work in the vicinity of the site area. Therefore, it shall be of critical importance to take some careful and appropriate measures for coordination among the different categories of works to ensure the safety of the construction works.

- 9) A List of Contractor's equipment to be used in the Work (Enclosure No. 9). Items such as quality, capacity and year of service and mobilization of the Contractor's equipment proposed by the Tenderer to be used for the Works shall be evaluated.
- 10) The list of major materials and plants (Enclosure No. 10).
 A List of Major Materials and Plant to be incorporated into the Works as called for in the Specifications together with necessary catalogues, brochures and technical supporting details submitted by the Tenderer will be evaluated.
- 11) List of sub-contractors/suppliers (Enclosure No.11).
 A List of sub-contractors/suppliers together with reference of proposed sub-contractors/suppliers submitted by the Tenderer shall be evaluated.
- d. If Package I Documents of the Tender are found not contractually and technically qualified, then the corresponding Package II Documents of the Tender will not be opened and will be returned to the Tenderer.

20-2. Stage - 2: Price Evaluation

(Package –II Document)

- a. The MPWH will open the Package II Documents of the Tenders, which have been contractually and technically qualified, in the presence of those Tenderer's authorized representative at Government Tenders Directorate, at the time and date to be notified at the address stated in their Tenders.
- b. The contractually and technically qualified Tenderer's authorized representatives who are present shall sign a register as evidence of attendance.
- c. The MPWH shall prepare, for their own records, minutes of the Tender Opening, including the information disclosed to those present.
- d. The MPWH will open the Package II Documents to examine Tender to determine whether they are complete, whether the documents have been properly signed, and whether the

documents are generally in order.

- e. Should the Package II Documents of the Tender be determined by the MPWH to be not in compliance with the requirements of the Tender Documents, then such Tender shall be rejected and returned to the Tenderer.
- f. At this opening, the Tenderers satisfying the requirements of Package II Documents will have their names and *Tender Prices* announced.
- g. The Tenders that have passed the contractual and technical evaluation and the foregoing requirements will then be checked arithmetically and evaluated financially.
- h. Any arithmetic errors in computation and summation will be corrected by the MPWH as follows:
 - 1) Where there is a discrepancy between amount quoted in figures and quoted in words, the amount in words will govern and
 - 2) Where there is a discrepancy between the unit rate and the total amount derived from the multiplication of the unit rate and the quantity, the unit rate as quoted will govern, unless in the opinion of the MPWH there is an obviously gross misplacement of the decimal point on the unit rate, in which event the total amount as quoted will govern and the unit rate will be corrected.
- i. The amount stated in the Tender will be adjusted by the MPWH in accordance with the above procedures for the correction of errors with the concurrence of the Tenderer, and it shall be considered as binding upon the Tenderer. If the Tenderer will not accept the corrected amount of the Tender, his Tender will be rejected and his Tender Security will be forfeited.
- j. The Tender Prices and Breakdown of Major Rates will be evaluated in comparison with the estimated cost of the Project, which has been authorized by the MPWH.
 Where there is a gross discrepancy between the prices of the Work in the Tender and in the MPWH estimation, the Tenderer may be asked for further clarification of his Tender.

21. CLARIFICATION OF TENDER

To assist the examination, evaluation and comparison of the Tender, the MPWH may ask the Tenderer for clarification of his Tender. The request for clarification and response shall be in writing and no change in the proposed prices or substance of the Tender shall be permitted.

22. ACCEPTANCE OF TENDER

a. The MPWH shall accept only the Tender which is considered the most advantageous and in the best interest of the MPWH.

- b. The decision of the MPWH with respect to acceptance of Tender shall be final and no correspondence or communication on the matter will be entered into.
- c. The MPWH reserves the right to reject any or all Tenders, to waive any required formality in the Tenders received, and to disregard any Tender which is obviously unbalanced, particularly on the major items. The right is also reserved to reject the Tender of any Tenderer who has previously failed to satisfactorily perform or complete any construction contract undertaken by him.
- d. Acceptance of Tender will be communicated to the successful Tenderer by a Letter of Acceptance to the address indicated in his Tender.

23. AWARD OF THE CONTRACT

- a. The successful Tenderer will receive a Letter of Acceptance from the MPWH and will be required to enter into a Contract Agreement. Award of this Tender shall be subject to prior approval of the Ministry of Public Works and Housing, The Hashemite Kingdom of Jordan and JBIC.
 - The MPWH reserves the right to cancel the Letter of Acceptance at any time before signing the Contract without any liability to the successful Tenderer.
- b. After receipt of the Letter of Acceptance, the successful Tenderer shall submit a Performance Security within fourteen (14) days as specified in the Conditions of Contract and sign the Contract in the form attached within the time specified in the said notice. In return for submission of the Performance Security, the Tender Security shall be released to the successful Tenderer.
- c. The awarded Tenderer shall dispatch a duly authorized person(s) at his cost to the place where the MPWH designates for negotiating and entering into a Contract Agreement.
- d. The MPWH will issue the Notice to Proceed the Work within fourteen (14) days after receipt of the performance Security submitted by the Contractor. The commencement of the Contract will start within twenty-eight (28) days from the issuing date of the written Notice to Proceed the Work, when the Contractor commence the work as defined as the Date of Commencement of the Works.

APPENDIX

APPENDIX A :Schedule of Time, Rates and Conditions

APPENDIX B :Form of Agreement

APPENDIX C :Form of Tender Security

APPENDIX D :Form of Performance Security

APPENDIX E :Foreign Currency Requirement

APPENDIX F :Form of Advance Payment Security

APPENDIX G : Drawing List

APPENDIX H :General Construction Schedule

APPENDIX I :Temporary Facilities Location Map

APPENDIX J :Site Investigation Report

APPENDIX K : Query Form

APPENDIX L :Tender Acknowledgement

APPENDIX M :List of Eligibility Countries

APPENDIX A

SCHEDULE OF TIME, RATE AND CONDITIONS

APPENDIX A

SCHEDULE OF TIME, RATES AND CONDITIONS

<u>Subject</u>		Sub-Clause in Conditions of Contract
Ruling Language	5.1	English
Amount of performance Security	10.1	Ten percent (10%) of the respective currency component of the total contract Sum stated in the Contract Agreement
Submission of Performance Security	10.2	within fourteen (14) days from after receipt of Letter of Acceptance
Minimum amount of Third Party Insurance	23.2	JD. 600,000-
Period for submission of Insurance	25.1	Within twenty-eight (28) day of the commencement date
Time for Completion of the Works	43.1	Twety- four (24) months after Commencement date
Period for commencement from the Employer's Notice to Proceed	ITT 23, d	Twenty-eight (28) days
Delay damages for the Works	47.1 a	1/1,000~(0.1%) of the final Contract Sum per day, in the currencies and proportions in which the Contract Sum is payable.
Maximum amount of liquidated damages	47.1 a	Five percent (5 %) of the final Contract Sum
Defect liability period	49.1	365 Days
Number of Installment	60.2	Monthly progress payment
Period for Engineer's review of Contractor's monthly statement	60.2	Twenty-eight (28) days
Plant and Materials for payment when delivered to the Site	60.3	Eighty percent (80%) of plant and materials rate
Percentage of Retention	60.5	Five percent (5%) of the Accepted Contract Sum
Limit of retention Money	60.5	Five percent (5%) of the Accepted Contract Sum
Payment of Retention Money	60.6	Fifty percent (50%) upon issuance of Taking-Over Certificate Fifty percent (50%) upon expiration pf Defect Liability Period
Total Advance Payment	60.7, a)	Fifteen percent (15%) of the Accepted Contract Sum
Repayment amortization of Advance Payment	60.7, a)	Twenty percent (20%) from progress payments
Completion of repayment of Advance Payment	60.7, b)	Prior to eighty percent (80%) of Contract Sum certified
Period of Interim Payment	60.8	Within fifty-six (56) days from receipt of Contractor's monthly statement
Interest Rate	60.8	%,
Time for Payment	60.11	Forty-five (45) days after delivery of payment certificate the Employer
Currencies and proportions	72.2	%,

APPENDIX B

FORM OF AGREEMENT

THE HASHEMITE KINGDOM OF JORDAN THE MINISTRY OF TOURISM & ANTIQUITIES

FORM OF AGREEMENT

FOR

THE TOURISM SECTOR DEVELOPMENT PROJECT NATIONAL MUSEUM SUB-PROJECT

FORM OF AGREEMENT

FOR

CONSTRUCTION OF TOURISM SECTOR DEVELOPMENT PROJECT NATIONAL MUSEUM SUB-PROJECT

LOAN AGREEMENT: NO. JO-P11

THIS FORM OF AGREEMENT made on the day of, 2000
BY AND BETWEEN
The MINISTRY OF PUBLIC WORKS AND HOUSING (MPWH) of THE HASHEMITE KINGDOM OF JORDAN, Mr. Nasir Madadha, the General Director of Government Tenders directorate, with address at Eighth Circle, Albiader Street, Amman, The Hashemite Kingdom of Jordan, hereinafter referred to as the "EMPLOYER".
AND
Organized and existing under the law of the, for this purpose represented by Mr, for this purpose represented by virtue of Power of Attorney dated, Having its office in, Hereinafter referred to as the "CONTRACTOR".

WITNESSTH

WHEREAS the EMPLOYER is desirous that the execution and completion of the Works included in the Contract Agreement;

NOR THEREFORE BOTH PARTIES HERETO AGREE AS FOLLOWS:

- 1. In this Contract Agreement words and expression shall have the same meaning as are respectively assigned to them in the Contract Documents hereinafter referred to.
- 2. The following documents (hereinafter referred to as the "Contract Documents") shall be deemed to form and be read and as an integral part of this Contract Agreement, namely;
 - (a) The Tender and Appendix to Tender
 - (b) The Conditions of Contract
 - (c) The Specification
 - (d) The Drawings
 - (e) The Bill of Quantities
 - (f) Instructions to Tenderers
 - (g) The Notice to Tenderers
 - (h) The Letter of Acceptance
 - (i) The addenda and Supplements to any of the above documents
 - (j) The accomplished Prequalification Documents
 - (k) And other documents forming part of the Contract such as Letter of Approve by the Engineer, etc.
- 3. In consideration of the payments to be made to the CONTRACTOR as hereinafter mentioned the CONTRACTOR hereby covenants with the EMPLOYER to execute and complete the Works in conformity in all respects with the provisions of the Contract Documents.
- 4. The EMPLOYER hereby covenants to pay the CONTRACTOR in consideration of the execution and completion of the Works the Contract Sum at the times and in the manner prescribed in the Contract Documents.

	req	uirements of this Contract is:		
	a.	amount in works Jordanian Dinar		
		(J.D)		
	b.	amount in works United States Dollar		
		(US\$,)		
 7. 	The and fav	e payment to the CONTRACTOR shall be made in Jordanian Dinar and Unites States Dollar. e amount of Jordanian Dinar and Foreign Currencies certified by the Ministry of Public Works Housing shall be paid by bank check issued by the Ministry of Public Works and Housing in or of the CONTRACTOR.		
	a.	amount in works Jordanian Dinar		
		(J.D)		
	b.	amount in works United State Dollar		
	b.	amount in works United State Dollar		

8. The Time for Completion of the Works shall be within Twenty-four (24) months from the Commencement Day.

The Defect Liability Period shall be Three hundred thirty-five (365) days calculated according to Sub-Clause 49.1 of the Conditions of Contract.

- 9. This Contact Agreement shall become effective upon the date the latest of the following conditions have been satisfied;
 - a. Each of the parties shall have signed this Contract Agreement
 - b. The CONTRACTOR shall have provided to the EMPLOYER an acceptable Performance Guarantee.
 - Relevant approval of this Contact Agreement has been obtained from the Government of the Hashemite Kingdom of Jordan, and concurrence by the Japan Bank for International Cooperation. (JBIC).

IN WITNESS WHEREFORE, the parties have caused this Contract Agreement to be executed by their respective duly authorized and empowered officers, on the day and year first above written.

CONTRACTOR	THE MINISTRY OF PUBLIC WORKS AND HOUSING
	GOVERNMENT TENDERS DIRECTORATE
Witness:	Witness:

APPENDIX C

FORM OF TENDER SECURITY

FORM OF TENDER SECURITY

The Ministry of Public Works and Housing Government Tenders Directorate

3.

above sum.

TENDER SECURITY

	OWN BY ALL MEN these presents that, we,
	agree to provide this TENDER SECURITY to the
	istry of Public Works and Housing of the Hashemite Kingdom of Jordan, (hereinafter referred to be "EMPLOYER"), at the following terms:
1	
-	(hereinafter referred to as the "TENDERER"), has prepared a TENDER in accordance with the Tender Documents for the Construction of NATIONAL MUSEUM SUB-PROJECT for the TOURISM SECTOR DEVELOPMENT PROJECT, and it is a condition of the aforesaid Tender Documents that the Tenderer shall furnish a Tender Security in each of the respective currency components of the Tender Price.
2.	In submitting his Tender, the Tenderer agrees to furnish a TENDER SECURITY through the above named BANK in the sums of;
	a. amount in words Jordanian Dinar

We agree to be the GUARANTOR to the EMPLOYER for the TENDER SECURITY in the

APPENDIX C

- 4. In the Tenderer, who has submitted the Tender, does not abide by the TENDER or any related conditions contained in the Tender Documents, we agree to pay above sums to the EMPLOYER within fourteen (14) days after receiving written notification from the EMPLOYER of the default of the TENDERER.
- 6. Notification to pay shall be issued by the EMPLOYER not later than thirty (30) days after the expiry date of the TENDER SECURITY.
- 7. This TENDER SECURITY will be ineffective if;
 - a. The TENDERER has accomplished his works in accordance with the Tender Documents even if the expiry date is not due yet.
 - b. No notification to pay is issued by the EMPLOYER after thirty (30) days from the expiry date of the TENDER SECURITY and is no longer effective.

8.	The TENDER SECURITY shall	I be returned to us after the Security has been fulfilled or
	becomes ineffective.	
IN V	WITNESS WHEREOF, the authorize	ed representative of the
		, has hereunto affixed his signature, this
	, 2000.	
		Signature:
		Name of Signatory:
		Name of Signatory.
		Position:

APPENDIX D

FORM OF PERFORMANCE SECURITY

FORM OF PERFORMANCE SECURITY

The Ministry of Public Works and Housing Government Tenders Directorate

PERFORMANCE SECURITY

l.	WF	HEREAS the Ministry of Public Works and Housing of the Hasnemite Kingdom of Jorda	n,
	(he	ereinafter referred to as the "EMPLOYER") has awarded a Contract for the TOURIS	M
	SEC	CTOR DEVELOPMENT PROJECT, NATIONAL MUSEUM SUB-PROJECT to	
		, (hereinafter referred to as the "CONTRACTOR") in the	
		ms of :	
	a.	amount in words Jordanian Dinar,	_
		(J.D)	-
	b.	amount in words United States Dollar,	
	-	(US\$)	_
2.		HEREAS the CONTRACTOR is bound by the said Contract to submit to the EMPLOYER ERFORMANCE SECURITY for the amount of:	a
	a.	amount in words Jordanian Dinar,	_
		(J.D), which is correspond to ten percent (10%) of the	ne
		local currency portion of the Contract Sum.	

APPENDIX D

b.	amount in words United States Dollar,		
	(US\$) which is corresponding to ten percent (10%) of	
	the foreign currency portion of the Contrac	ct Sum.	

3. Now, We, underwriters responsible and representative of

(hereinafter referred to as the "GUARANTOR") and fully authorized to sign and to incur obligation in the name of the GUARANTOR, hereby declare that the GUARANTOR shall guarantee the EMPLOYER the full amount as set forth Clause 2 above.

4. After the CONTRACTOR has signed the Contract Agreement with the EMPLOYER, the GUARANTOR shall be liable to pay the full amount as aforesaid upon first written demand from the EMPLOYER if the CONTRACTOR fails to comply with the terms and conditions of the Contract.

Provided always that no alteration in terms and conditions of the Contract Agreement between the EMPLOYER and the CONTRACTOR or in the nature of the Works to be constructed, completed and maintained thereunder and no allowance of time by the EMPLOYER under the Contract nor any forbearance or forgiveness in or respect of any matter concerning the Contract on the part of the EMPLOYER shall in any way release the GUARANTOR from any liability under this SECURITY.

The GUARANTOR shall deliver the said amount to the EMPLOYER immediately without delay against your receipt accompanied by your written statement certifying that the CONTRACTOR failed to comply with the Contract terms and conditions and without it being necessary to give any reason.

5. The GUARANTOR shall be valid for the whole of the Time for Completion and any extension thereof, the Defect Liability Period and for the period thereafter until the receipt by the CONTRACTOR of a Defect Liability Certificate issued in accordance with Conditions of Contract Sub-Clause 62.1.

6. If at any during the validity period of the SECURITY, the EMPLOYER grants an extension of time to the CONTRACTOR, or the Contract, the GUARANTOR shall extend this SECURITY under the same conditions for the required time.

7. Until the EMPLOYER shall issue an instruction to the GUARANTOR to the effect that this SECURITY may be released, the GUARANTOR undertakes, notwithstanding the validity period as stated in Clause 5 herein, to extend the validity under the same conditions for successive period at a time and to forward the appropriate extension to the EMPLOYER.

8.	As a declaration of good faith, the legal repr	esentative of the GUARANTO	OR hereby signs, seals
	and delivers this SECURITY on the date	, 2000.	
In '	witness whereof, the authorized representative	of the	
Ha	s hereunder affixed his signature, this date	,	_, 2000.
		Signature:	
		Name of Signatory:	

Position:

Note: to be signed and sealed by authorized representative of the Guarantor.

APPENDIX E

FOREIGN CURRENCY REQUIREMENT

APPENDIX E

FOREIGN CURRENCY REQUIREMENT

	TOTAL AMOUNT IN	CURRENCY REQUIREMENT		
	JORDANIAN DINAR	LOCAL CURRENCY	FOREIGN CURREN	NCY
DESCRIPTION	(J.D.)	JORDANIAN DINER	UNITED STATES DOLLA	Exchange
	(Carry from BOQ)	(J.D.)	(US\$)	Rate
I PRELIMINARIES	(1)			
II CONSTRUCTION COST	(1)			
III PROFIT				
IV SALES TAX (%)				
TOTAL		_		
* -1		(2)	(3)	* -2 (4)

Note:

Column (3) shall be the United States Doller equivalent the amount of J.D. stated in the Foreign Portion columns of the Bill of Quantities.

The Rate(s) in column (4) shall be fixed duration of Contract Period in accordance with the Clause 72.1 of the Conditions of Contract.

(Signature and name of authorized representative of Tenderer)	(name of	Tenderer)

^{*-1:} Column (1) must the same amount stated in the General Summary page of the Bill of Quantities.

^{*-2:} Column (4) shall be the T/T buying rate published by the Central Bank on the 28 days prior to the Tender Submission.

^{*-3:} Price in Column (2) and (3) shall be carried to the Form of Tender

APPENDIX F

FORM OF ADVANCE PAYMENT SECURITY

FORM OF ADVANCE PAYMENT SECURITY

The Ministry of Public Works and Housing Government Tenders Directorate

ADVANCE PAYMENT SECURITY

1.		EREAS the Ministry of Public Works and Housing of the Hashemite Kingdom of Jordan,
		einafter referred to as the "EMPLOYER") has signed a Contract Agreement with
	(her	einafter referred to as the "CONTRACTOR") for the TOURISM SECTOR
	DEV	VELOPMENT PROJECT, NATIONAL MUSEUM SUB-PROJECT on
		, 2000,
_	****	
2.		EREAS according to the Contract, an Advance Payment consisting of fifteen percent (15%)
		he respective currencies component of the Contract Price (hereinafter referred to as the
	"AI	DVANCE PAYMENT") shall be paid by the EMPLOYER to the CONTRACTOR.
_		
3.		v, We, underwriters responsible and representative of
		einafter referred to as the "GUARANTOR") and fully authorized to sign and to incur
		gation in the name of the GUARANTOR, hereby declare that the GUARANTOR shall
		rantee the EMPLOYER up to the full amounts of;
	guai	tantee the EMT EO TEX up to the full amounts of,
	a.	amount in words Jordanian Dinar,
		(J.D)
	b.	amount in words United States Dollar,
		(US\$)

- 4. If the CONTRACTOR, after receiving the ADVANCE PAYMENT, should fail to commence or continue the Works or refuse to repay or default in the repayments of the ADVANCE PAYMENT, whatever the reason, the GUARATOR shall forthwith return to the EMPLOYER the whole, or the remaining ADVANCE PAYMENT after deduction of any of the ADVANCE PAYMENT received by the EMPLOYER. The GUARANTOR shall deliver the money owed to the EMPLOYER upon the EMPLOYER's first demand, without delay and without the necessity of a previous notice, or judicial procedure and without it being necessary to prove to the GUARANTOR the shortcoming of the CONTRACTOR.
- 5. We understand that the total amount of this Security may be successively reduced but only after each payment by the CONTRACTOR has been made in accordance with the requirements of the Contract and then only after we have received a written official notification from the EMPLOYER of the amount of reduction that shall be applied.
- 6. This Security shall remain valid until the EMPLOYER shall issue a written instruction to us to the effect that the CONTRACTOR has completely discharged his payment obligation under the aforementioned Contract excluding fourteen day (14) days claim period.
- 7. The GUARANTOR hereby waives the priority right to claim for attachment and disposal of the property of Debtor for the settlement of the obligation of Debtor prior to the payment of the Guaranteed amount.

of the
_

Note: to be signed and sealed by authorized representative of the Guarantor.

APPENDIX G

DRAWING LIST

APPENDIX G

NO.	DRAWING NO.	DRAWING TITLE	SCALE
1		Cover	
2	A-001	Project Title, Drawing List	NS
3	A-002	General Note	NS
4	A-003	Finishing Schedule (1)	NS
5	A-004	Finishing Schedule (2)	NS
6	A-005	Floor Area Schedule	1/400
7	A-006	Site Location, Existing Site Plan	1/400
8	A-101	Site Plan	1/400
9	A-102	Basement Floor Plan	1/200
10	A-103	Groung Floor Plan	1/200
11	A-104	First Floor Plan	1/200
12	A-105	Second Floor Plan	1/200
13	A-106	Roof Floor Plan	1/200
14	A-107	Top Roof Plan	1/200
15	A-201	Elevation (1) - North, South Elevation	1/200
16	A-202	Elevation (2) - East, West Elevation	1/200
17	A-203	Section (1)	1/200
18	A-204	Section (2)	1/200
19	A-251	Wall Section (1)	1/50
20	A-252	Wall Section (2)	1/50
21	A-253	Wall Section (3)	1/50
22	A-254	Wall Section (4)	1/50
23	A-255	Wall Section (5)	1/50

APPENDIX G

NO.	DRAWING NO.	DRAWING TITLE	SCALE
24	A-256	Wall Section (6)	1/50
25	A-257	Wall Section (7)	1/50
26	A-258	Wall Section (8)	1/50
			ı
27	A-301	Staircase (1)	1/50
28	A-302	Staircase (2)	1/20/50
29	A-303	Staircase (3)	1/50
30	A-304	Staircase (4)	1/2/50
31	A-305	Staircase (5)	As Shown
32	A-306	Staircase (6)	1/20/50
33	A-401	Main Entrance Hall (1)	1/100
34	A-402	Main Entrance Hall (2)	1/100
35	A-403	Main Entrance Hall (3)	1/100
36	A-404	Main Entrance Hall (4)	1/25
37	A-405	Main Entrance Hall (5)	1/25
38	A-406	Office, Security Office (1)	1/50
39	A-407	Office, Security Office (2)	1/50
40	A-408	Director's Office/ Meeting Room (1)	1/50
41	A-409	Director's Office/ Meeting Room (2)	1/50
42	A-410	Library/Production Room	1/50
43	A-411	Laboratory	1/50
44	A-412	Temporary Gallery	1/100
45	A-413	Seminar Room (1)	1/50
46	A-414	Seminar Room (2)	1/50
47	A-415	Seminar Room (3)	1/50

APPENDIX G

NO.	DRAWING NO.	DRAWING TITLE	SCALE
48	A-416	Seminar Room (4)	1/2,5
49	A-417	Restaurant (1)	1/50
50	A-418	Restaurant (2)	1/50
51	A-419	Restaurant (3)	1/50
52	A-425	Exhibition Hall - Ground Floor Layout Plan	1/100
53	A-426	Exhibition Hall - Second Floor Layout Plan	1/100
54	A-427	Exhibition Hall - Zone 1 (1)	1/50
55	A-428	Exhibition Hall - Zone 1 (2)	1/50
56	A-429	Exhibition Hall - Zone 1 (3)	1/50
57	A-430	Exhibition Hall - Zone 1 (4)	1/50
58	A-431	Exhibition Hall - Zone 2	1/50
59	A-432	Exhibition Hall - Zone 3	1/50
60	A-433	Exhibition Hall - Zone 4	1/50
61	A-434	Exhibition Hall - Zone 5	1/50
62	A-435	Exhibition Hall - Zone 6	1/50
63	A-436	Exhibition Hall - Zone 7	1/50
64	A-437	Exhibition Hall - Zone 8	1/50
65	A-438	Exhibition Hall - Zone 9 (1)	1/50
66	A-439	Exhibition Hall - Zone 9 (2)	1/50
67	A-440	Exhibition Hall - Zone 10	1/50
68	A-441	Exhibition Hall - Zone 11	1/50
69	A-442	Exhibition Hall - Zone 12 (1)	1/50
70	A-443	Exhibition Hall - Zone 12 (2)	1/50
71	A-444	Exhibition Hall - Zone 13	1/50
72	A-445	Exhibition Hall - Zone 14 (1)	1/50

APPENDIX G

NO.	DRAWING NO.	DRAWING TITLE	SCALE
73	A-446	Exhibition Hall - Zone 14 (2)	1/50
74	A-447	Exhibition Hall - Zone 15 (1)	1/50
75	A-448	Exhibition Hall - Zone 15 (2)	1/50
76	A-449	Exhibition Hall - Zone 16	1/50
77	A-481	Toilet (1)	1/50
78	A-482	Toilet (2)	1/50
79	A-483	Toilet (3)	1/50
80	A-484	Toilet (4)	1/50
81	A-485	Toilet (5)	1/50
82	A-486	Toilet (6)	1/50
83	A-487	Toilet (7)	As Shown
			7
84	A-501	Ceiling Plan (1) - Basement Floor	1/200
85	A-502	Ceiling Plan (2) - Groung Floor	1/200
86	A-503	Ceiling Plan (3) - First Floor	1/200
87	A-504	Ceiling Plan (4) - Second Floor	1/200
	1		
88	A-601	Doors and Windows Key Plan (1)	1/200
89	A-602	Doors and Windows Key Plan (2)	1/200
90	A-603	Doors and Windows Key Plan (3)	1/200
91	A-604	Doors and Windows Key Plan (4)	1/200
92	A-605	Doors and Windows Key Plan (5)	1/200
93	A-606	Doors and Windows Schedule (1)	1/50
94	A-607	Doors and Windows Schedule (2)	1/50
95	A-608	Doors and Windows Schedule (3)	1/50

APPENDIX G

NO.	DRAWING NO.	DRAWING TITLE	SCALE
96	A-609	Doors and Windows Schedule (4)	1/100
97	A-610	Wodden Panel Details	1/25
98	A-611	Aluminium Details	1/2
99	A-612	Doors and Windows Details	1/2
100	A-613	Sign List and Details Key Plan (1)	NS
101	A-614	Sign List and Details Key Plan (2)	NS
102	A-615	Sign List and Details Key Plan (3)	NS
103	A-616	Sign List and Details Key Plan (4)	NS
	T		1
104	A-701	External Works -Tiling Patterns	1/400
105	A-702	External Works -Tiling Details	1/100
106	A-703	External Works -Detail at Main Plaza	1/100
107	A-704	External Works -Seat & Columns Details	1/20
108	A-705	External Works -Grating & Sign Details	1/20
109	A-706	External Works -Edges & Curbs	1/5
110	A-707	External Works -Resutaurant Pergolas	1/20
111	A-708	External Works -Soft Landscape Plan	1/400
	r	-	T
112	A-801	Construction Detail (1)	1/10
113	A-802	Construction Detail (2)	1/10
114	A-803	Construction Detail (3)	1/10
115	A-804	Construction Detail (4)	1/10
116	A-805	Construction Detail (5)	1/10
117	A-806	Construction Detail (6)	1/10
118	A-807	Construction Detail (7)	1/10
119	A-808	Construction Detail (8)	1/10

APPENDIX G

NO.	DRAWING NO.	DRAWING TITLE	SCALE
120	A-809	Construction Detail (9)	1/10
121	A-810	Construction Detail (10)	1/10
122	A-825	Exhibition Hall - Construction Detail (1)	1 / 20/ 10
123	A-826	Exhibition Hall - Construction Detail (2)	1/10
124	A-827	Exhibition Hall - Construction Detail (3)	1/10
125	A-828	Exhibition Hall - Construction Detail (4)	1/10
126	A-829	Exhibition Hall - Construction Detail (5)	1/10
127	A-830	Exhibition Hall - Construction Detail (6)	1/10
128	A-831	Exhibition Hall - Construction Detail (7)	1/10
129	A-832	Exhibition Hall - Construction Detail (8)	1/10
	-	<u></u>	1
130	A-851	Detail (D.01)	1/2
131	A-852	Detail (D.02)	1/2
132	A-853	Detail (D.03)	1/2
133	A-854	Detail (D.04)	1/2
134	A-855	Detail (D.05)	1/2 /5
135	A-856	Detail (D.06)	1/2
136	A-857	Detail (D.07)	1/2
137	A-858	Detail (D.08)	As Shown
L		<u></u>	l

APPENDIX G

Exhibition Drawings

NO.	DRAWING NO.	DRAWING TITLE	SCALE
138	EX-000	Exhibition Drawing List	NS
139	EX-001	Exhibition Hall - Ground Floor General Plan (1)	1/100
140	EX-002	Exhibition Hall - Ground Floor General Plan (2)	1/100
141	EX-003	Exhibition Hall - Ground Floor Partial Plan - Zone 1	1/50
142	EX-004	Exhibition Hall - Second Floor Partial Plan - Zone 1	1/50
143	EX-005	Exhibition Hall - Ground Floor Partial Section - Zone 1	1/50
144	EX-006	Exhibition Hall - Ground Floor Partial Section - Zone 1	1/50
145	EX-007	Exhibition Hall - Ground Floor Partial Plan - Zone 2	1/50
146	EX-008	Exhibition Hall - Ground Floor Partial Plan - Zone 3	1/50
147	EX-009	Exhibition Hall - Details	1/50
148	EX-010	Exhibition Hall - Ground Floor Partial Plan - Zone 4	1/50
149	EX-011	Exhibition Hall - Ground Floor Partial Plan - Zone 5	1/50
150	EX-012	Exhibition Hall - Ground Floor Partial Plan - Zone 6	1/50
151	EX-013	Exhibition Hall - Ground Floor Partial Plan - Zone 6	1/50
152	EX-014	Exhibition Hall - Ground Floor Partial Plan - Zone 7	1/50
153	EX-015	Exhibition Hall - Ground Floor Partial Plan - Zone 8	1/50
154	EX-016	Exhibition Hall - Ground Floor Partial Plan - Zone 9	1/50
155	EX-017	Exhibition Hall - Ground Floor Partial Plan - Zone 9	1/50
156	EX-018	Exhibition Hall - Ground Floor Partial Plan - Zone 10	1/50
157	EX-019	Exhibition Hall - Second Floor Partial Plan - Zone 2	1/50
158	EX-020	Exhibition Hall - Second Floor Partial Plan - Zone 3	1/50
159	EX-021	Exhibition Hall - Second Floor Partial Plan - Zone 3	1/50
160	EX-022	Exhibition Hall - Second Floor Partial Plan - Zone 4	1/50
161	EX-023	Exhibition Hall - Second Floor Partial Plan - Zone 5	1/50
162	EX-024	Exhibition Hall - Second Floor Partial Plan - Zone 5	1/50

APPENDIX G

Exhibition Drawings

NO.	DRAWING NO.	DRAWING TITLE	SCALE
163	EX-025	Exhibition Hall - Second Floor Partial Hall - Zone 6	1/50
164	EX-026	Exhibition Hall - Second Floor Partial Sections - Zone 6	1/50
165	EX-027	Exhibition Hall - Second Floor Partial Plan - Zone 7	1/50
166	EX-028	Show Case Details	As Shown
167	EX-029	Exhibition Hall - Show Case Details	As Shown
168	EX-032	Exhibition Hall Show & Model Case Schedule	As Shown
169	EX-033	Reinforcement Equipment	NS
170	EX-034	Exhibition Hall Model Case Details	As Shown
171	EX-035	Models Specifications Exhibition Hall (1)	1/100
172	EX-036	Models Specifications Exhibition Hall (2)	1/100
173	EX-037	Conter Panel Detail Main Entrance	As Shown
174	EX-038	Exhibition Hall Model Case Detail	As Shown
175	EX-039	Exhibition Sign System	As Shown
176	EX-040	Exhibition Hall Audio Visual Specifications (1)	NS
177	EX-041	Exhibition Hall Audio Visual Specifications (2)	NS

APPENDIX G

Electrical Drawings

	DRAWING	
NO.	NO.	DRAWING TITLE
178		Cover
179	E000	Drawing List
180	E001	Electrical Symbols Legend & Lighting Fixture Schedule
181	E101	Site Plan External Electrical Works
182	E201	Basement Floor Plan Lighting Layout
183	E202	Ground Floor Plan Lighting Layout
184	E203	First Floor Plan Lighting Layout
185	E204	Second Floor Plan Lighting Layout
186	E205	Roof Floor Plan Lighting & Power Layout
187	E206	First Floor Main Exhibition Lighting Layout
188	E207	First Floor Entrance Lighting Layout
189	E208	Second Floor Main Exhibition Lighting Layout
190	E209	Second Floor Entrance & Temporary Exhibition Lighting Layout
		T
191	E301	Basement Floor Plan Power Layout
192	E302	Ground Floor Plan Power Layout
193	E303	First Floor Plan Power Layout
194	E304	Second Floor Plan Power Layout
195	E305	First Floor Plan Main Exhibition Power Layout
196	E306	Second Floor Plan Main Exhibition Power Layout
197	E307	Second Floor Temporary Exhibition Power Layout
-	T	
198	E401	Basement Floor Plan Fire Alarm & Public Address Layout

APPENDIX G

Electrical Drawings

NO.	DRAWING NO.	DRAWING TITLE
199	E402	Ground Floor Plan Fire Alarm & Public Address Layout
200	E403	First Floor Plan Fire Alarm & Public Address Layout
201	E404	Second Floor Plan Fire Alarm & Public Address Layout
202	E501	Basement Floor Plan Telephone & Computer
203	E502	Ground Floor Plan Telephone & Computer
204	E503	First Floor Plan Telephone & Computer
205	E504	Second Floor Plan Telephone & Computer
206	E601	Basement Floor Plan Security Access Control & CCTV Layout
207	E602	Ground Floor Plan Security Access Control & CCTV Layout
208	E603	First Floor Plan Security Access Control & CCTV Layout
209	E604	Second Floor Plan Security Access Control & CCTV Layout
210	E701	Roof Floor Plan Lighting System
	, 	
211	E801	Distribution Board Schedule Sheet No.1
212	E802	Distribution Board Schedule Sheet No.2
213	E803	Distribution Board Schedule Sheet No.3
214	E804	Distribution Board Schedule Sheet No.4
215	E901	Power Riser Diagram
216	E902	Telephone Data & Public Address Riser Diagram
217	E903	Fire Alarm Riser Diagram
218	E904	CCTV Riser Diagram
219	E905	Security System Riser Diagram & Audio Video Schematic Rise Diagram

APPENDIX G

Electrical Drawings

NO.	DRAWING NO.	DRAWING TITLE
220	E906	Substation & Dimming System Block Diagram Details
221	E907	Miscellaneous Details

APPENDIX G

Mechanical Drawings

NO.	DRAWING NO.	DRAWING TITLE	SCALE
222		Cover	NS
223	M000	List of Mechanical Drawing	NS
224	M101	Site Plan Dranage, Water & Fuel Layout	1/400
225	M102	Site Plan Rain Water Layout	1/400
226	M201	Pacament Floor Plan Dranaga Layout	1/200
		Basement Floor Plan Dranage Layout	
227	M202	Ground Floor Plan Drainage Layout	1/200
228	M203	First Floor Plan Drainage Layout	1/200
229	M204	Sanitary Block Drainage Layout(1)	1/100
230	M205	Sanitary Block Drainage Layout(2)	1/100
231	M206	Roof Plan Drainage Layout	1/200
232	M301	Basement Floor Plan Water Supply Layout	1/200
233	M302	Ground Floor Plan Water Supply Layout	1/200
234	M303	First Floor Plan Water Supply Layout	1/200
235	M304	Sanitary Block Water Layout(1)	1/50
236	M305	Sanitary Block Water Layout(2)	1/50
237	M306	Water Supply Diagram	NS
238	M401	Basement Floor Plan Fire Fighting Layout	1/200
239	M402	Ground Floor Plan Fire Fighting Layout	1/200
240	M403	First Floor Plan Fire Fighting Layout	1/200
241	M404	Second Floot Plan Fire Fighting Layout	1/200
0.10	1		1/222
242	M501	Basement Floor Plan HVAC Ducting Layout	1/200

APPENDIX G

Mechanical Drawings

	Diawings	
DRAWING NO.	DRAWING TITLE	SCALE
M502	Ground Floot Plan HVAC Ducting Layout	1/200
M503	First Floor Plan HVAC Ducting Layout	1/200
M504	Second Floor Plan HVAC Ducting Layout	1/200
M505	Basement Floor Plan HVAC Piping Layout	1/200
M506	Ground Floor Plan HVAC Piping Layout	1/200
M507	First Floor Plan HVAC Piping Layout	1/200
M508	Second Floor Plan HVAC Piping Layout	1/200
M509	Basement Floor Plan Offices HVAC Ducting Layout	As Shown
M510	Ground Floor Plan Offices HVAC Ducting Layout	1/100
M511	First Floor Plan Offices HVAC Ducting Layout	1/100
M512	Basement Floor Plan Offices HVAC Piping Layout	As Shown
M513	Ground Floor Plan Offices HVAC Piping Layout	1/100
M514	First Floor Plan Offices HVAC Piping Layout	1/100
M515	Ground Floor Plan Seminar & Cafeteria HVAC Duct Layout	1/100
M516	Roof Plan HVAC Ducting Layout	1/200
M517	HVAC Piping Riser Diagram	NS
M518	HVAC Control Diagram	NS
M601	Boiler Room Layout	1/50
M602	Fire & Fuel Schematic Diagrams	NS
M603	BMS Schematic Diagrams	NS
M701	Schedule of Equipment(1)	NS
M702	Schedule of Equipment(2)	NS
M801	Miscellaneons Detail(1)	NS
	M502 M503 M504 M505 M506 M507 M508 M509 M510 M511 M512 M513 M514 M515 M516 M517 M518 M601 M602 M603	M502 Ground Floot Plan HVAC Ducting Layout M503 First Floor Plan HVAC Ducting Layout M504 Second Floor Plan HVAC Ducting Layout M505 Basement Floor Plan HVAC Piping Layout M506 Ground Floor Plan HVAC Piping Layout M507 First Floor Plan HVAC Piping Layout M508 Second Floor Plan HVAC Piping Layout M509 Basement Floor Plan Offices HVAC Ducting Layout M510 Ground Floor Plan Offices HVAC Ducting Layout M511 First Floor Plan Offices HVAC Ducting Layout M512 Basement Floor Plan Offices HVAC Piping Layout M513 Ground Floor Plan Offices HVAC Piping Layout M514 First Floor Plan Offices HVAC Piping Layout M515 Ground Floor Plan Offices HVAC Piping Layout M516 Roof Plan HVAC Ducting Layout M517 HVAC Piping Riser Diagram M518 HVAC Control Diagram M601 Boiler Room Layout M602 Fire & Fuel Schematic Diagrams M603 BMS Schematic Diagrams M701 Schedule of Equipment(1) M702 Schedule of Equipment(2)

APPENDIX G

Mechanical Drawings

NO.	DRAWING NO.	DRAWING TITLE	SCALE
266	M802	Miscellaneons Detail(2)	NS
267	M803	Miscellaneons Detail(3)	NS

APPENDIX G

Structural Drawings

NO.	DRAWING NO.	DRAWING TITLE	SCALE
268		Cover	
269	S-001	Drawing Title	NS
270	S-002	General Notes-1	NS
271	S-003	General Notes-2	NS
272	S-100	Sub-Foundation Plan	1/200
273	S-101	Foundation Plan	1/200
274	S-102	Columns and Bearing Walls Framing Plans	1/200
275	S-103	Ground Floor Slab Reinf. in X-Direction	1/200
276	S-104	Ground Floor Slab Reinf. in Y-Direction	1/200
277	S-105	First Floor Slab Reinf. in X-Direction	1/200
278	S-106	First Floor Slab Reinf. in Y-Direction	1/200
279	S-107	Second Floor Slab Reinf.in X-Direction	1/200
280	S-108	Second Floor Slab Reinf.in Y-Direction	1/200
281	S-109	Roof and Top of Roof Slab Plan	1/200
282	S-201	Footing Details F1-F29	1/50/20
283	S-202	Footing Details T1-T11,FA1-FA4 and TA1-TA3	1/20
284	S-203	Foundation Details A-A,B-B,C-C and D-D	1/200
285	S-204	Column Details: C1-C8	1/100/20
286	S-205	Column Details: C9-C17 and C19	1/100/20
	<u></u>		T.
287	S-301	Joist Details: K1-K6 & R1-R7	1/50/20
288	S-302	Joist Details : M1-M5	1/50/20
289	S-303	Beam Details: B1-B11 & H4	1/50/20

APPENDIX G

Structural Drawings

NO.	DRAWING NO.	DRAWING TITLE	SCALE
290	S-304	Beam Details:B6-B21	1/50/20
291	S-305	Beam Details :B22-B43	1/50/20
292	S-306	Beam Details: B32-B52 & H1-H2	1/50/20
293	S-307	Beam Details: H3 & H5-H14	1/50/20
294	S-308	Beam Details :H15-H21 & N1-N6	1/50/20
295	S-309	Beam Details :N7-N24	1/50/20
296	S-310	Beam Details: W1-W10	1/50/20
297	S-311	Bridge Vierendeel Details	1/50/20
298	S-312	Space Frame Details-1	NS
299	S-313	Space Frame Details-2	NS
300	S-401	General Details-1 X1-X14	1/20
301	S-402	General Details-2 X15-X30	1/20
302	S-403	General Details-3 X31-X48	1/20
303	S-404	General Details-4 X49-X68	1/20
304	S-405	General Details-5 X69-X87	1/20
305	S-406	General Details-6 X88-X104	1/20
306	S-407	General Details-7 X105-X116	1/20
307	S-408	Stair Details ST1-ST3	1/20
308	S-409	Stair Details ST4-ST6	1/50
309	S-501	Sub-Foundation Plan-1	1/100
310	S-502	Sub-Foundation Plan-2	1/100
311	S-503	Sub-Foundation Plan-3	1/100
312	S-504	Sub-Foundation Plan-4	1/100

APPENDIX G

Structural Drawings

NO.	DRAWING NO.	DRAWING TITLE	SCALE
313	S-505	Foundation Plan-1	1/100
314	S-506	Foundation Plan-2	1/100
315	S-507	Foundation Plan-3	1/100
316	S-508	Foundation Plan-4	1/100
317	S-509	Columns and Bearing Walls Framing Plans-1	1/100
318	S-510	Columns and Bearing Walls Framing Plans-2	1/100
319	S-511	Columns and Bearing Walls Framing Plans-3	1/100
320	S-512	Columns and Bearing Walls Framing Plans-4	1/100
321	S-513	Ground Floor Plan Reinf. in X-Direction-1	1/100
322	S-514	Ground Floor Plan Reinf. in X-Direction-4	1/100
323	S-515	Ground Floor Plan Reinf. in Y-Direction-1	1/100
324	S-516	Ground Floor Plan Reinf. in Y-Direction-4	1/100
325	S-517	First Floor Slab Reinf. in X-Direction-3	1/100
326	S-518	First Floor Slab Reinf. in X-Direction-4	1/100
327	S-519	First Floor Slab Reinf. in Y-Direction-3	1/100
328	S-520	First Floor Slab Reinf. in Y-Direction-4	1/100
329	S-521	Second Floor Slab Reinf.in X-Direction-4	1/100
330	S-522	Second Floor Slab Reinf.in Y-Direction-4	1/100
	T	T	1
331	S-523	Roof Slab-1	1/100
332	S-524	Roof Slab-4	1/100

APPENDIX H

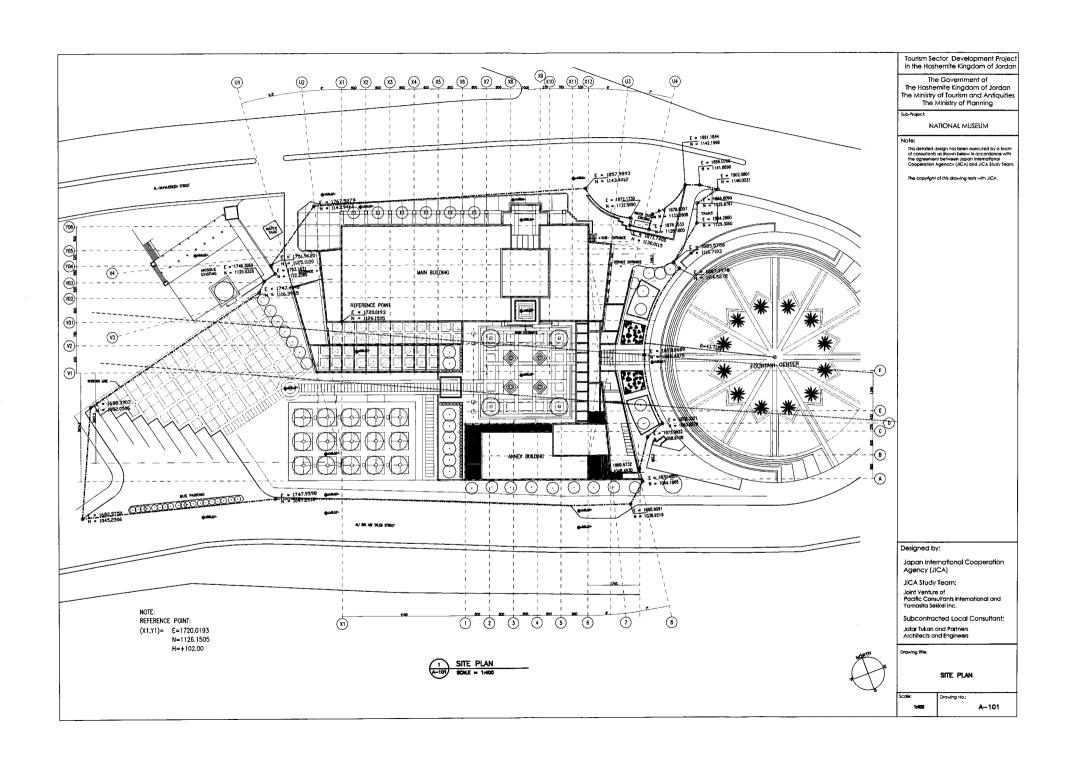
GENERAL CONSTRUCTION SCHEDULE

General Construction Schedule

No.	Work Item Months	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Preparation																								
2	Excavation																								
3	Foundation																								
4	Basement Structure																								
5	Ground F. Structure																								
6	1st F. Structure																								
7	2nd F. Structure																								
8	Basement Finishing																								
9	Ground F. Finishing																								
10	1st F. Finishing																								
11	2nd F. Finishing																								
12	Roof Finishing																								
13	External Wall Finishing																								
14	M & E																								
15	Landscaping																								
16	Miscellaneous																								

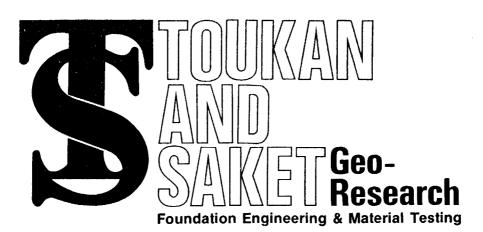
APPENDIX I

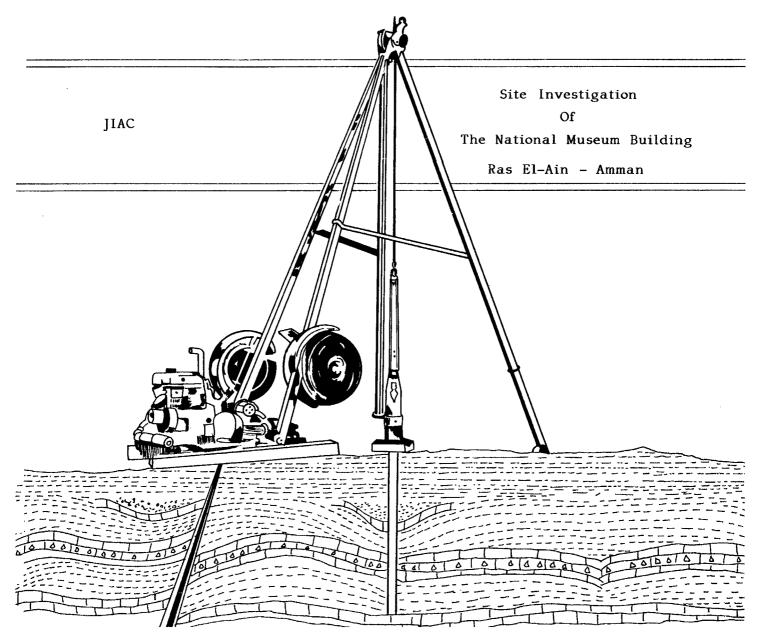
TEMPORARY FACILITIES LOCATION MAP



APPENDIX J

SITE INVESTIGATION REPORT





Geo - Research & Foundation Engineering Office

Drilling, Sampling, Testing
Engineering Geology, Foundations,
Geomechanics,
& Material Testing

5

مكتب طوقان والساكت

للدراسات الهندسية الجيولوجية والأساسات متقيب ، اخذ عينات ، تحليل ، مسح هندسي جيولوجي ، دراسة اساسات وميكانيكا الصخور والتربة وفحص المراد

Date: 1/6/1999

Ref: R99/16/1999-06-02

Messrs: JICA Study Team

Site Investigation Of The National Museum Building Ras El Ain – Amman

Dear Sirs,

Upon your request, concerning the above mentioned project, we have the honour to submit for your consideration the attached report in which we summarized the results of the investigation undertaken by our firm.

We take the opportunity to express to you our highest consideration

Sincerely yours, Toukan & Skaet

Dr.S.Saket

Gco - Research



مكتب طوقان والساكت للدراسات الهندسية الجيولرجية والأساسات

Site Investigation Of The National Museum Building Ras El Ain - Amman

1.0 Introduction

Upon the request of Messrs. JICA Study Team, sub-soil investigation was carried out at the proposed site in accordance with the British Standards Specification, CP 2001 for site investigation and with the Jordanian Code.

The investigation was carried out by performing 9 boreholes, drilled at locations determined by the geotechnical Engineer to a depth ranging between 10 and 15 meters.

The proposed building is for the National Museum development.

The site is mainly recent fill and made flat ground.

The investigated site is bordered by two streets at the southern (Ras El –Ain street) and northern (Omar Matter street) boundary, and eastern side is the Municipality fountain and the western side is the mosque.

Geo - Research



مكتب طوقان والساكت للدراسات الهندسية الجيولرجية والأساسات

2.0 Scope of Work

The purpose of this study was to determine the ground conditions at the site, in order to provide full information about the ground conditions and geotechnical properties of foundation materials and all other information that would assists in the Engineer in the design of proper and safe foundation.

The works included the following

- Setting up locations of boreholes.
- Drilling 9 boreholes and carrying out the necessary field tests.
- Recovery of disturbed representative samples .
- Carrying out the required laboratory tests.

Analysis of the site investigation data, laboratory testing and geotechnical interpretation form the basis of this report.

3.0 General Geology

The natural material within the site is mainly Quaternary alluvial deposits covered by thick recent fill material. (see geologic map).

The penetrated material within the site is heterogenous deposits (overburden) composed of brown clay, silt, fine to coarse sand, fine to coarse gravel, cobbles and boulders mixed with demolished buildings residue of concrete, wood, cloth etc.

All the material was dumped in a loose condition without any compaction. Therefore the density is not consistent. Non-uniform material in terms of lithology and density. No bed rock was encountered in any of the drilled boreholes.

Geo - Research



مكتب طوقان والساكت للدراسات الهندسية الجيولوجية والأساسات

4.0 Method of Investigation

All drilling, sampling and testing were performed in accordance with the British Standards, CP 2001.

The sub-surface was explored by using CME 75 type rig advance by rotary drilling allowing the performance of Standard and cone penetration tests and taking disturbed samples.

Dry drilling to refusal in boreholes was used to recover representative samples. The boreholes were monitored for any ingress of water during dry drilling.

Representative soil samples were obtained during the drilling operation and were placed in tight plastic bags and wooden boxes for description.

Standard and cone penetration tests were carried out in accordance with the BS Standards 1377(Test 19) and the results were recorded on the boreholes logs at depths to which they refer.

The penetration tests were executed with 2 and 3 inch standard sampling spoon with catchers and driven by dropping a 140 lbs. Weight hammer with a 30 inches fall height. The 2 inches diameter spoon was lowered to the bottom of the boreholes and penetrated about 6 inches in the materials, whereupon the penetration test was started.

The "N" value is the number of blows required to produce one foot of penetration.

In defining the density of the non-cohesive materials, very loose material was considered to have standard penetration values less than 4 blows per foot, loose, between 4 and 10 blows per foot, medium dense, between 10 and 30 blows per foot, dense, between 30 and 50 blows per foot and very dense, more than 50 blows per foot.

Geo - Reşearch



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In defining the relative density of the cohesive material, the following could be classified:

Soft	Less than 4	blows per foot.
Firm	4-8	blows per foot.
Stiff	8-15	blows per foot
Very stiff	15-30	blows per foot
Hard	more than 30	blows per foot

5.0 Field Works

5.1 Drilling

The locations of boreholes were chosen so as to represent the study area and provide as much information as possible.

A total of 9 boreholes were drilled. The locations of the drilled boreholes are shown on the attached plan.

The positioning and depth of the boreholes were determined by the geotechnical Engineer.

5.2 Sampling

Continuous samples of the drilled materials were collected at regular depth intervals of 1.0m and at each lithological change of the material. The samples were labeled, described and logged. Representative samples were also obtained for laboratory testing and classification.

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5.3 Insitu Testing

In order to obtain an estimate of the density insitu, Standard and cone Penetration tests were performed on the foundation material.

The penetration tests results indicate that the penetrated material is loose to medium dense with the SPT, "N" value, ranging between 7 and more than 30 blows per foot. (see borehole logs).

Refusal results were obtain on cobbles and bouldery material.

The medium to high results are mainly coarse fill material and does not indicate high density.

5.4 **Drilling Results**

The drilled boreholes show that the penetrated materials are mainly heterogenous recent fill material, non-uniform in terms of lithology and density. In few boreholes it is silt, clay, sand, gravel and cobbles with wood fragments and bouldery in some other boreholes. (see boreholes logs).

• No cavities or water table were detected in any of the drilled boreholes. Only cobbles and boulders in a loose condition were encountered where partial loss of drilling air circulation was observed.

6.0 Geomechanics

A laboratory testing program was devised and performed on representative samples obtained from the study area, to establish the engineering properties of the material involved. The only tests that could be performed on such material are:

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- Grainsize analysis
- Compaction
- Atterberg limits
- California Bearing Ratio
- Direct sheer test

The results of the grainsize analysis of the tested samples are summarized in (Table 1). The material is composed of gravels, between 0.0% and 45.0%, sand, between 19.2% and 73.6%, and silt, between 19.9% and 35.7% and clay between 00% and 41.2%.

The atterberg limits show that the liquid limit ranges between non-plastic and 61.7 with a plasticity index between non-plastic and 35.2. Table (1).

The direct shear test performed on remoulded samples of brownish sandy, silty clayey material obtained from boreholes No BH3 and BH8, depth (1.0-2.0) m, show that the cohesion is ranging between 0.20 kg/cm² and 0.17 kg/cm² with a peak friction angles between 14 and 17degrees. (Curves are attached) see table (2).

The compaction tests performed on a two samples obtained from the excavated trial pits, shows that the maximum dry density is ranged between 1.85gr/cm³ and 1.9gr/cm³ with an optimum moisture content of 18.0 % to 19.5%. (curves are attached) see table (3).

The CBR values obtained from the same samples ranged between 17.3% and 18.5%. Curves are attached to this report.

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7.0 Conclusions & Recommendation

As a result of this study and tests, the following conclusions could be summarized:

- The drilled boreholes show that the penetrated materials are:
- Overburden recent fill material composed of silt, sand and gravels with cobbles, and boulders, loose to medium dense.
- The material is heterogenous and non-uniform in terms of lithology and density.
- No bedrock was encountered in any of the drilled boreholes.
- No cavities or water table were encountered in the drilled boreholes. Partial loss of drilling air circulation was observed indicating the loose nature of the materials.

In order to have a safe and stable foundation, the following is recommended:

6.1 Foundation Type and Depth

In order to have safe structures, the foundation materials beneath the structures must have an adequate bearing capacity to support the design loads with an appropriate factor of safety and acceptable tolerable settlements.

Since the foundation will be laid on heterogenous, non-uniform material in terms of density and lithology, with different engineering properties, therefore excessive differential settlement will take place in the structure. Noting that the existing recent fill material is not capable to handle normal type of foundation.

To have safe foundation to support the structure, the following is suggested:

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Alternative A

The safest type of foundation for the investigated site is pre – bored cast insitu pile type foundation.

The suggested diameter of piles is 80 cm. The depth of piles will be suggested when the loads are known. Additional recommendation, will be suggested when applying this type of foundation is decided.

Alternative B

As an alternative, the following could be suggested:

- Total excavation and removal of the overburden material down to a depth 3.0m below the proposed design foundation level.
- The ground at the excavated depth should be compacted by heavy vibratory roller (16 Tons) for at least one week repeatedly.
- Drilling a net of boreholes at 3.0m spacing between boreholes to a depth of 3.0m each.
- Filling the boreholes by pressure grouting to ensure that the voids are filled.
- Following the completion of grouting, backfill the site with about 3.0m thick selected coarse grained granular material in layers not exceeding 25cm and compacted to 95% of the maximum dry density (see attached sketches). The selected material consists of crushed stone, gravels and cobbles with some fines. The fines (-No4) should not exceed 15%.

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• These well compacted layers could support the proposed building by employing rigid strip foundation or raft. The suggested allowable bearing capacity to be used is 2.0 kg/cm2, assuming that the area is fully drained.

6.2 Excavation & Side Slopes

Any pneumatic excavation equipment could be used for excavation, such as dozers and loaders.

It is recommended to have a side slopes of 1H:2V for a short period, in a dry weathered condition.

The recent fill materials excavated during construction of the building is not suitable to be used as backfill material because it is unselected and of unengineered nature.

The materials to be used for backfilling purposes behind underground walls shall be a soil-rock mixture which is free from organic matter or other deleterious substances. It shall not contain rocks or lumps over 15cm in greatest dimension, and not more than 15 percent larger than 7cm. The plasticity index for the backfill material shall not be more than 15 percent. It shall be spread in layers not exceeding 25cm in uncompacted thickness, moisture conditioned to its optimum moisture content, and compacted to a dry density not less than 95 percent of the maximum dry density as obtained by standard proctor compaction test (ASTM D698).

The study area is characterized by semi-arid climate, warm and dry in the summer
with rainy winter. The rainfall is of medium to high intensity for a short period.
 The average mean annual rainfall is about 500mm and this is limited to winter period.
 The average maximum temperature is 40c and the lowest is 0c degree.

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• As far as the seismic activity in the area, Jordan has not witnessed any serious earth quakes in the last 60 years. It is a general practice to consider the study area within zone I of the unified Building code. Research in Jordan concluded that one earth quake with magnitude 6½ every 100 years and one earth quake with magnitude 7½ every 500 years might take place.

The intensity factor is 0.75 for zone A and it is 0.5 for zone B.of Mercalli scale.

• A horizontal peak ground acceleration of at least 0.19g is suggested to be adopted in the design of the foundations.

The compaction should be under the supervision of our experienced geotechnical Engineers .

The recommendations given in this report are solely based on the results of the drilled boreholes at the time of investigation and our understanding, and concept of the project. Further check of the material at the foundation level by our geotechnical Engineer is very important. All of treatment, densification and grouting should be supervised by our geotechnical engineers.

Summary of Tests Results

Borehole	Depth		Irain Siz	e Analysis		Atterberg Limits					
No.	l - I		Sand	Silt							
NO.	(m)	Gravel	li i	1	Clay	LL	PL	PI			
		(%)	(%)	(%)	(%)	(%)	(%)	(%)			
	3.5-4.5		73.6	26.4		Np 1	Np	Np			
BH .1	5.5-6.5	6.1	25.7	35.7	32.5	32.1	22.1	10.0			
	6.5-7.5	4.1	61.8	19.9	14.2	31.6	22.1	9.5			
	7.5-8.5	15.2	41.6	24.4	18.8	38.4	23.4	15.0			
	5-6		53.9	25.3	20.8	30.2	21.9	8.3			
ВН.2	6-7	2.1	48.9	26.4	22.6	38.2	24.6	13.6			
	9-10	6.2	70.7	19.9	3.2	24.3	18.1	6.2			
	1-2	8.0	29.0	26.5	36.5	49.6	21.4	28.2			
BH .3	3-4	7.2	61.5	22.5	8.8	33.1	21.5	11.6			
	5-6		53.9	33.8	12.3	32.8	22.4	10.4			
	9-10	4.2	43.8	35.0	17.0	42.1	25.6	16.5			
	1.5-3	4.3	27.4	28.2	40.1	54.8	23.5	31.3			
BH.4	4.5-5.5		41.8	29.4	28.8	45.2	22.4	22.8			
	9.0-10.0	15.2	30.6	26.7	27.5	44.8	22.2	22.6			
	0.00-1.0	13.2	30.5	25.3	31.0	47.5	24.3	23.2			
BH.5	2.0-3.0	3.1	60.9	21.8	14.2	41.3	25.9	15.4			
	4.0-5.0	2.5	65.5	22.0	10.0	39.1	25.5	13.6			
	6.0-10.0	4.1	66.9	20.9	8.1	32.8	21.4	11.4			
	0.00-1.5	8.2	37.7	26.3	27.8	42.8	22.2	20.6			
ВН.6	3.0-4.0		33.8	30.2	36.0	43.4	24.9	18.5			
	5.0-6.0	2.1	67.9	23.9	6.1	23.2	19.2	4.0			
	7.0-10.0	5.1	67.6	20.1	7.2	23.8°	19:6	4.2			
BH.7	0.00-3.0	9.8	19.2	29.8	41.2	46.7	23.5	23.2			
	3.0-4.0	45.0	30	25		Np	Np	Np			
	1.0-2.0	3.30	23.6	35.1	38.0	61.7	26.5	35.2			
BH.8	2.0-3.0	10.0	50.0	27.2	12.80	29.5	21.3	8.2			
	3.0-4.0	15.10	28.7	24.8	31.4	48.8	21.4	27.4			
	4.0-5.0	7.20	46.5	29.3	17.0	32.1	22.6	9.5			

Direct Shear Test Results

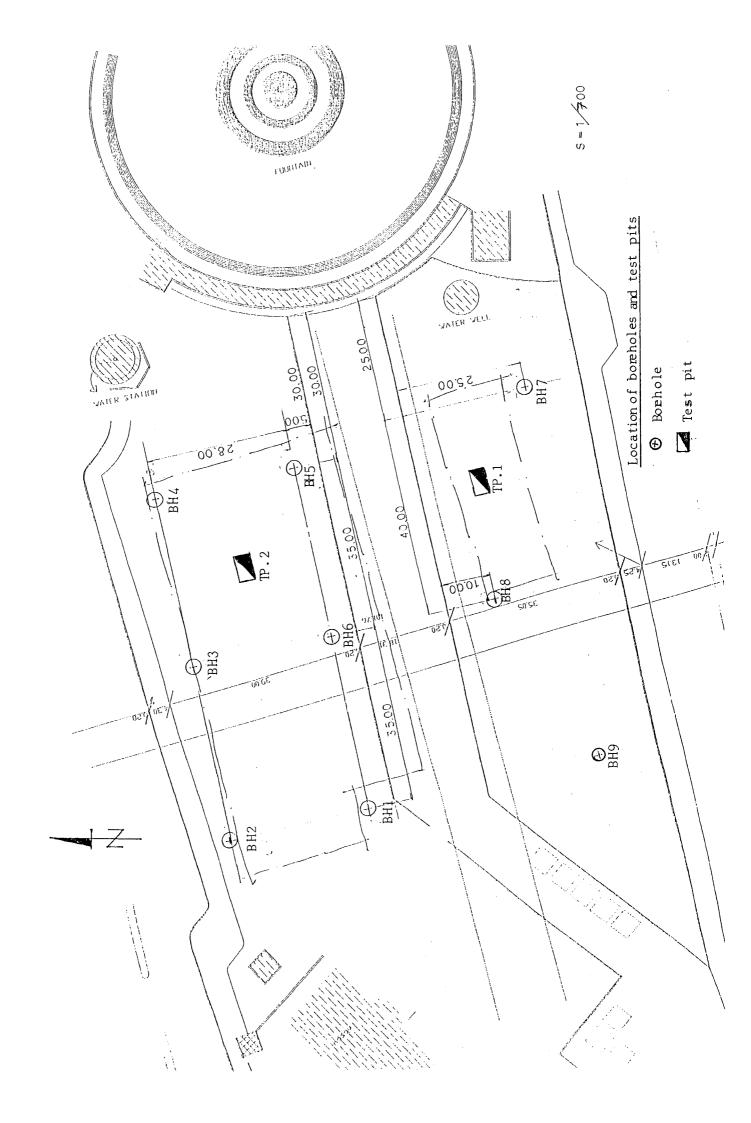
Borehole No. & Depth(m)	Cohesic	on (Kg/cm²)	Friction Angle (Degree)				
	Ср	Cr	Øp	Ør			
BH3 (1.0-2.0)	0.17	0.0	17.0	14.0			
BH8 (1.0-2.0)	0.20	0.0	14.0	11.0			

Table(2)

Compaction and CBR

Sample	Depth	Max.Dry Density	Optimum Moisture	CBR at o.m.c
			Content	
No.	(m)	(Gr/cm³)	(%)	(%)
Tp1	0.00-1.0	1.90	18.0	18.5
Tp2	1.0-2.0	1.85	19.5	17.3

Table (3)



PRO	JECT	: National Museum	TYP	E & SI	ZE OF D	RILLIN	₹ G :	Rotary 4½"			
BOR	ЕНО	LE NO: BH.1			Date:	Start Finisl			24./5/99 24/5/99		
Depth	L	DESCRIPTION	REC	RQD.	SPT.	MC.	LL	PI		sample	
(M)	O G	ELEVATION: Flat	(%)	(%)	"N"	(%)			(gr/cm²)	No.	
1		Recent fill material composed of cobbles, gravels, sand, clay, wood and cloth.			9						
<u>2</u>					13						
<u>3</u>					17						
4					12		 				
<u>5</u>	1440	Brown sandy silty clay and gravels fine to medium, mixed with recent fill.			3						
<u>6</u>	2,000				8						
7					6						
<u>8</u>	9+C				8						
9	9.				7						
10	8.7				32						
11		Final depth (10.0)m									
<u>12</u>		Remark									
<u>13</u>		Partial loss of drilling air circulation, very loose material between $4.5\ m$ and $10.0m$.								·	
14											

PRO.	JECT	: National Museum	TYP	E & SI	ZE OF D	RILLI	√G:	Rotary 4½"			
BOR	ЕНО	LE NO: BH.2			Date:	Start Finisi			24/5/99 25/5/99		
Depth	L	DESCRIPTION	REC	RQD.	SPT.	MC.	LL	PI		Sample	
(M)	O G	ELEVATION: Flat	(%)	(%)	"N"	(%)			(gr/cm²)	No.	
<u>1</u>	\bigotimes	Recent fill material composed of cobbles, gravels, sand, clay, wood and cloth, with boulders.			11						
2	\otimes				16						
<u>3</u>	\bigotimes				12						
4	\bigotimes				21						
<u>5</u>	00				11						
<u>6</u>	20.7	Brown sandy silty clay and gravels fine to medium, mixed with recent fill.			9						
<u>7</u>	**************************************				13						
<u>8</u>	Q.;				13						
9	10,00				18						
<u>10</u>	<u> </u>				19						
11		Final depth (10.0) m									
<u>12</u>		Remark									
<u>13</u>	:	Partial loss of drilling air circulation loose material at depth $6.5 m$.									
14											

PRO	JECT	: National Museum	TYP	E & SI	ZE OF D	RILLIN	₹G:	Rotary 4½"			
BOR	ЕНО	LE NO : BH.3			Date:	Start Finisl			26./5/99 26/5/99		
Depth	L	DESCRIPTION	REC	RQD.	SPT.	MC.	LL	Pi		Sample	
(M)	G O	ELEVATION: Flat	(%)	(%)	"N"	(%)			(St.\cm.)	No.	
1	+ + + + + + + + + + + + + + + + + + + +	Recent deposits composed of brown sandy silty clay with Gravels			11						
<u>2</u>	**** ****				15						
<u>3</u>		Recent fill material composed of cobbles ,gravels, sand, clay , silt and some boulders			20						
<u>4</u>					10						
<u>5</u>	\bigotimes				16						
<u>6</u>	10 to to to				25						
7);;; ;;;	Brown sandy silty clay and gravels, fine to medium, mixed with recent fill.			11						
<u>8</u>	+# Op.				17						
9	+++ 0++ 0+				35						
<u>10</u>	60				37						
<u>11</u>		Final Depth (10.0)m									
<u>12</u>		Remark									
<u>13</u>		Partial loss of drilling air circulation at depth 7.0 and 4.0m.									
<u>14</u>											

	JECT	: National Museum	TYP	E & SI	ZE OF D	Rotary 41/2"				
BOR	ЕНО	LE NO: BH.4			Date:	Start Finisl				
Depth	L	DESCRIPTION	REC	RQD.	SPT.	MC.	LL	Pl	26/5/99	Sample
(M)	G	ELEVATION: Flat	(%)	(%)	"N"	(%)			(gr/cm²)	No.
	+ ++	Recent fill material composed of brown sandy silty clay				1				
1	10+°+	With gravels and cobbles.			12		:			
2	+ + + + + +				16		 			
3	0 + + + + + + + + +				18					
4	U++ +++ +++				13					
<u>5</u>	ائور ائور ائور				15					
<u>6</u>		Recent fill material composed of cobbles ,gravels, sand , clay and silt .			7					
7	\bigotimes	•			14					
<u>8</u>	\$ \$	Brown sandy silty clay and gravels, fine to medium, mixed with recent fill material.			12					
9	00				9					
<u>10</u>	.O.*				30					
11		Final Depth (10.0)m								
<u>12</u>		Remark								
<u>13</u>		Partial loss of drilling air circulation very loose material at depth 6.0m and 9.0 meters .								
<u>14</u>										

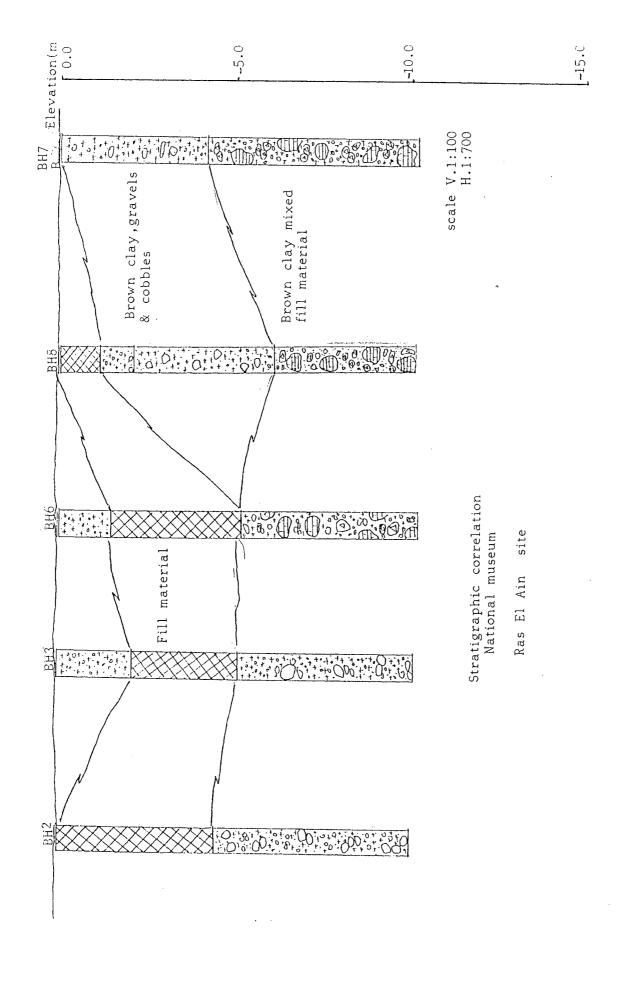
PRO.	JECT	: National Museum	TYP	E & SI	ZE OF D	RILLIN	G:		Rotary 4½"			
BOR	ЕНО	LE NO: BH.5			Date:	Start Finisl			27./5/99 27/5/99			
Depth	L	DESCRIPTION	REC	RQD.	SPT.	MC.	LL	Pl	1 1	Sample		
(M)	O G	ELEVATION: Flat	(%)	(%)	"N"	(%)			(gr/cm²)	No.		
1	+++	Brown sandy silty clay and gravels (Recent Fill).			18							
<u>2</u>	++.				22							
<u>3</u>	++++	Brown sandy silty clay mixed with recent fill material	 		21							
<u>4</u>	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Composed of cobbles, gravels and sand and boulders.			7							
<u>5</u>	7.8.0				11							
<u>6</u>	0,000				17							
<u>7</u>	\mathcal{O}^{\bullet}				36							
<u>8</u>	0,000				13							
2	\$::40±5				21							
<u>10</u>	0000		_		12							
<u>11</u>		Final Depth (10.0)m										
<u>12</u>		Remark										
<u>13</u>		Partial loss of drilling air circulation loose material At depth 4.0m.										
<u>14</u>	:											

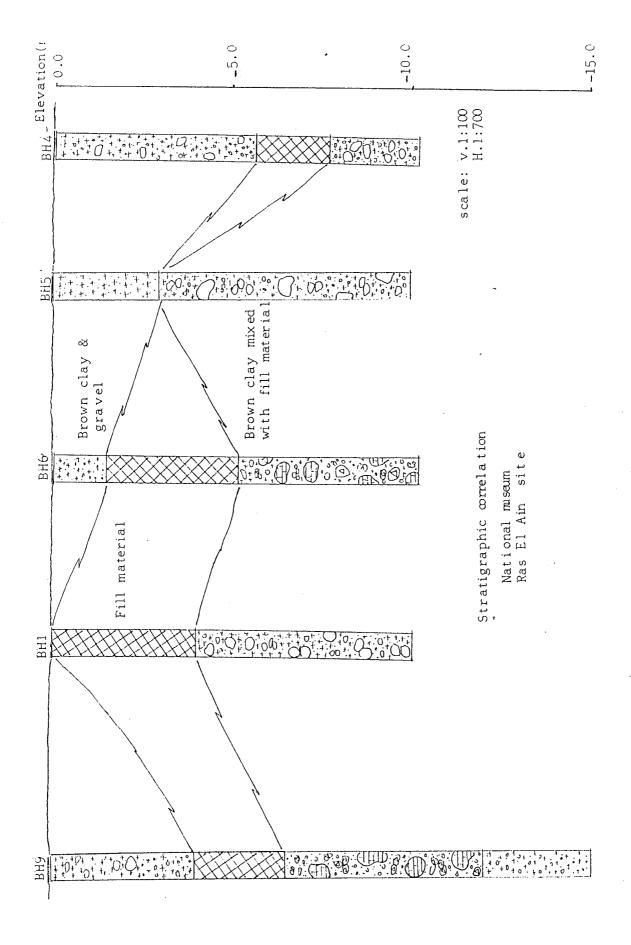
PRO.	JECT	: National Museum	TYP	E & SI	ZE OF D	RILLIN	G:		Rotary 41/2"			
BOR	ЕНО	LE NO : BH.6			Date:	Started : Finished:			27,/5/99 28/5/99			
Depth	L	DESCRIPTION	REC	RQD.	SPT.	MC.	LL	Pl		Sample		
(M)	O G	ELEVATION: Flat	(%)	(%)	"N"	(%)			(gr/cm³)	No.		
1	+++	Brown sandy siky clay and gravel (Recent Fill).			6					-		
<u>2</u>	\bigotimes				17							
<u>3</u>	\bigotimes				9							
•. <u>4</u>	\bigotimes	Fill material composed of cobbles , gravels , sand , Silt , brown clay and asphalt cuttings .			11							
<u>5</u>	\bigotimes_{i}		-		22							
<u>6</u>		Fill material composed of crushed boulders of limestone, chert and marlstone with some brown clay.			50/3							
7					15							
<u>8</u>			ļ		21							
2		·			50/Ref							
<u>10</u>	(A):				21		<u> </u> 			*.		
11		Final Depth (10.0)m										
<u>12</u>		Remark										
<u>13</u>		Partial loss of drilling air circulation loose material At depth 3.0										
<u>14</u>		Refusal blows indicates presence of boulders Not relative density.										

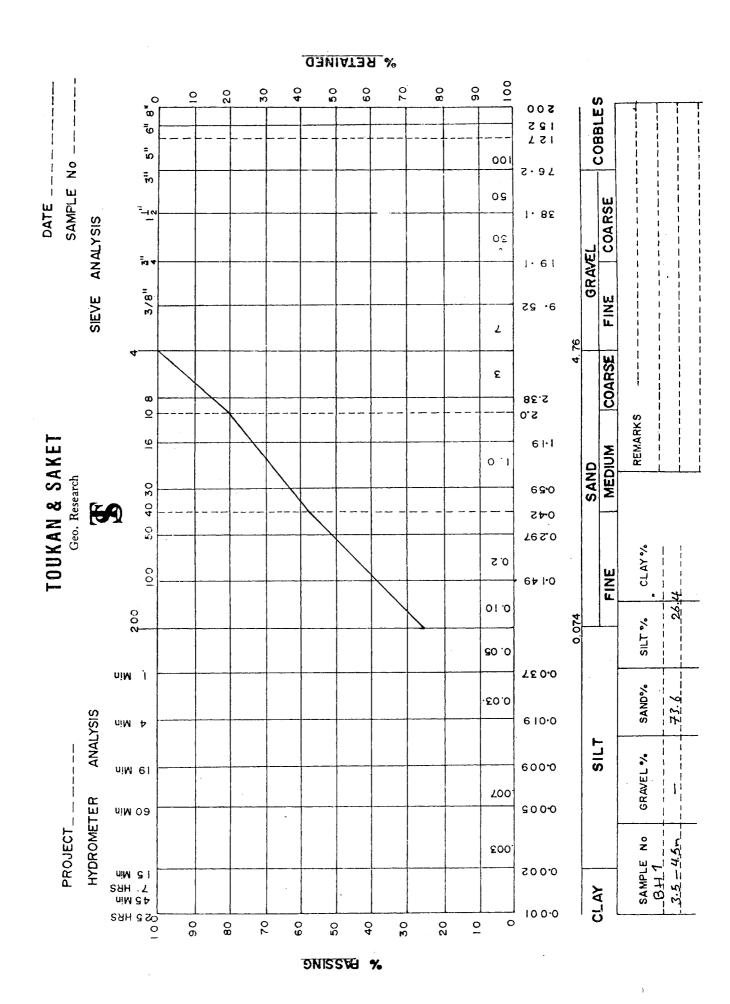
PRO	JECT	: National Museum	TYP	E & SI	ZE OF D	RILLI	√G:	Rotary 41/2"			
BOR	ЕНО	LE NO : BH.7			Date:	Start Finisl			29./5/99 29/5/99		
Depth	L	DESCRIPTION	REC	RQD.	SPT.	MC.	IL	PI	[Sample	
(M)	G G	ELEVATION: Flat	(%)	(%)	"N"	(%)			(gr/cm²)	Na.	
1	Ot of ot ot	Brown sandy silty clay and gravel (Recent Fill).			7						
2	† † † † † † † † †				21						
<u>3</u>	Pot				9						
4	† † † † † † † † † † † † † † † † † † †	Fill material composed of crushed boulders of limestone,			50/17						
<u>5</u>		Chert and maristone with some brown clay.			26						
<u>6</u>					50/Ref						
7					50/7cm						
<u>8</u>					11						
9					Ref						
<u>10</u>					32						
11		Final Depth (10.0)m									
<u>12</u>		Remark									
<u>13</u>		Partial loss of drilling air circulation loose material At depth 3.0m.									
<u>14</u>		Refusal penetration indicates presence of large boulders Not relative density.									

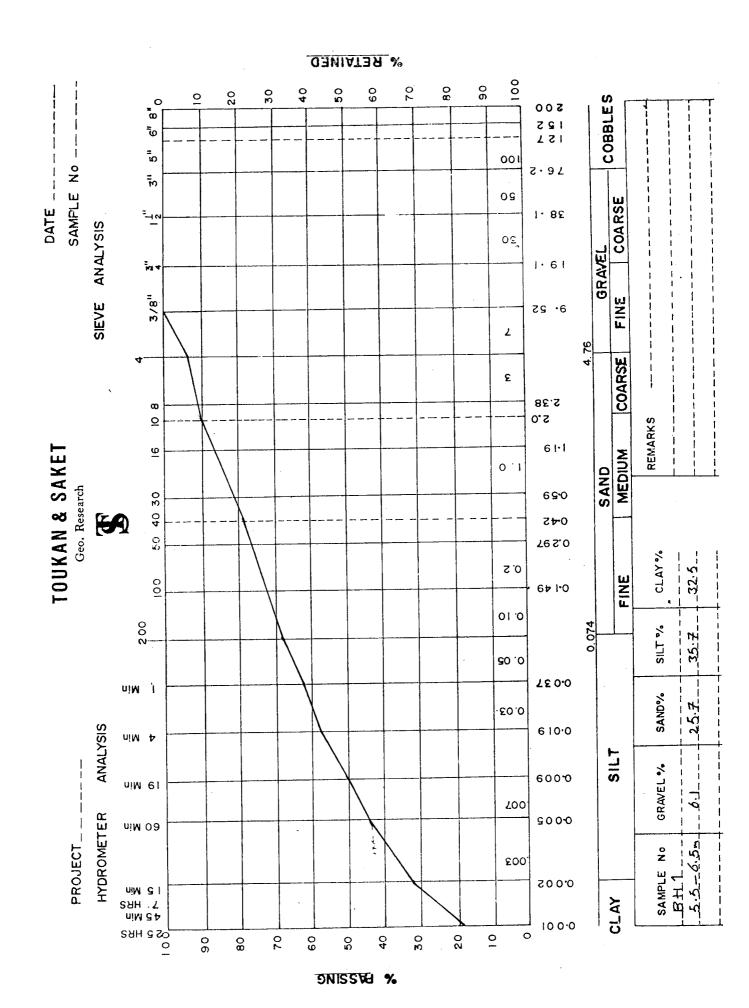
PROJ	ECT	: National Museum	TYPE	& SIZ	E OF DE	RILLIN	G :	Rota	ry 4 ½"	
DODE		E NA . DW 0	TA TOPE	_		S	tarted:	30/5	5/99	
BORE	HUL	E NO : BH.8	DATE: Finished:					30/5/99		
Depth	l,	DESCRIPTION	REC	RQD.	SPT.	MC.	LL	PI		Sample
(M)	O G	ELEVATION: Flat	(%)	(%)	"N"	(%)	•		Gr/cm'	
		Fill material composed cobbles, gravels, sand	<u> </u>	<u> </u>	l			<u> </u>		
1-	₩	And silt. Brown sandy silty clay with gravels fine to	-		15					
	+ + +				١.,					
2-	0.0	Coarse .	1		19					
	0.1	December 1 its description of with recent fill			22					
3-	1.0+	Brown sandy silty clay mixed with recent fill material.			22					
١.	C .	muconu.			9					
4-	† * +		ļ		1					
5-	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		1		18				i	
3-	0::		ļ							
6-	0,7				50/2cm	<u> </u>				
0-	\$ (B)									
7-		Fill material composed of crushed boulders of			50/11cm					
, ,	000	limestone, chert and marlstone,						}		1
8-]		12					}
	® G									
9-					16			{		
	D G							ĺ		
10-	国		1		50/3cm			-		
		Final depth (10.0m)								
11-										}
12-	}				}					
13-					}					
14-										
15-					-					
16-		Remark					}			
10-		* Partial loss of drilling air circulation, loose			}					
17-		Material at depth 4.0m.								
'/-		* Refusal penetration indicates presence of								
18-		Boulders not relative density.					}			
10										
	_1		I		L	1	I	1		L

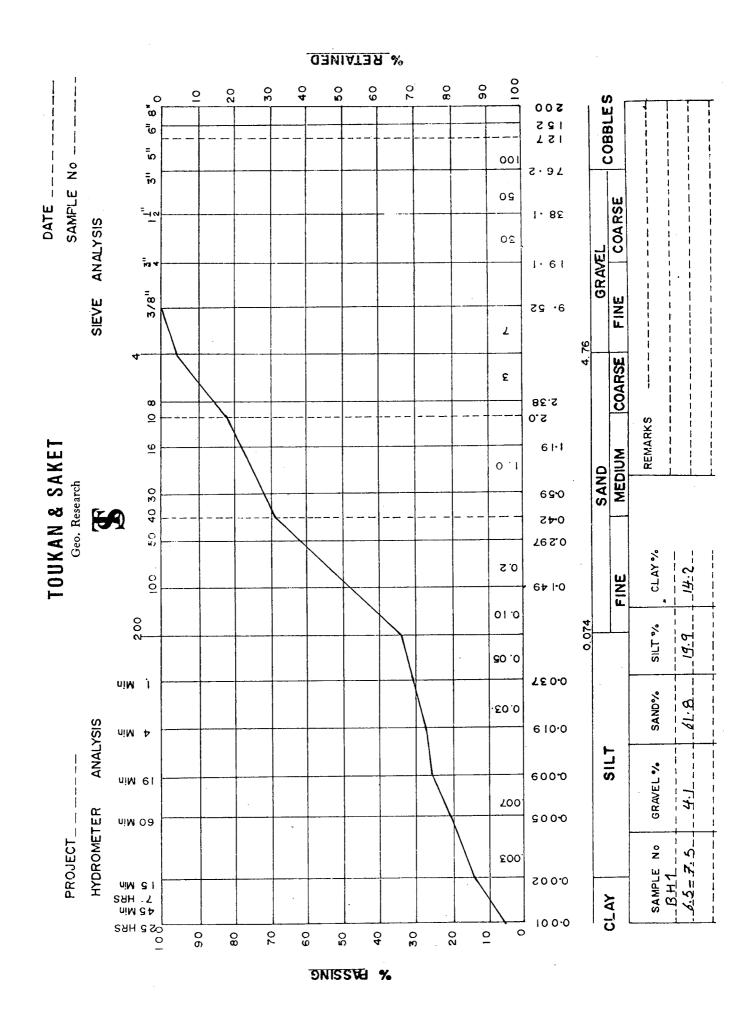
PROJECT : National Museum		TYPE & SIZE OF DRILLING:					Rotary 41/2"			
BOREHOLE NO : BH.9			DATE:			Started: Finished:		30/5/99 31/5/99		
Depth	L	DESCRIPTION	REC	RQD.	SPT.	MC.	LL	PI	<u> </u>	Sample
(M)	G	ELEVATION: Flat	(%)	(%)	"N"	(%)				
	++++ ++++	Brown sandy silty with gravels and cobbles,								
]-	4++	trace boulders (Recent Fill).			12					
2-	20,0				17					
3-	4 4 4				13					
4-	0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1				22					
5-					11					
		Fill material composed of cobbles, gravels,								
6-		sand, silt, and brown clay.			8					
7-	0 0	Fill material composed of crushed boulders of of limestone, chert and marlstone, with		e e	24					
8-	9	gravels and trace clay.	i		50/13cm					
9-		·			15					
10-					23					
11-	000				50/Ref					
12-	Ø.:.		<u></u>		31					
	+ + + + + + + + + + + + + + + + + + +	Mixture of brown sandy, silty, clay with gravels and cobbles.			35					
13-	0 + 0 + 0 +	gravers and coodies.	į						i	
14-	+ 0 1				42					
15-	7	Final depth (15.0m)	1		50/25cm					
16-		Remark * Partial loss of drilling air circulation, loose								
17-		Material at depth 6.0m. * Refusal penetration indicates presence of								
18-		Boulders not relative density. * Water table was observed at depth 13.0m.								

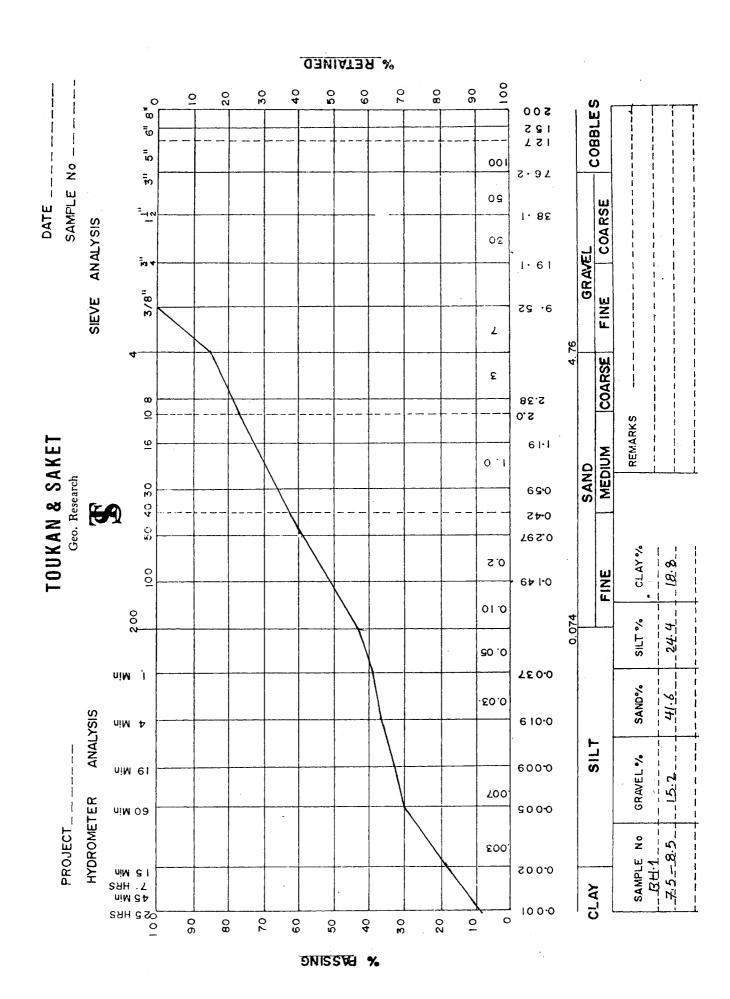


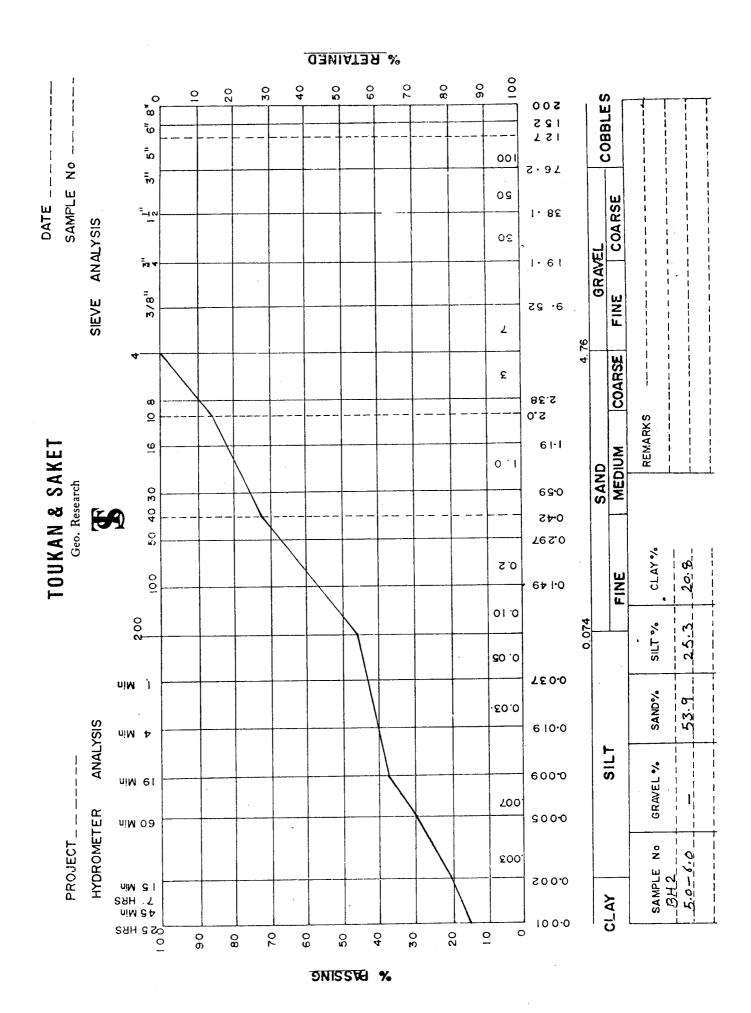


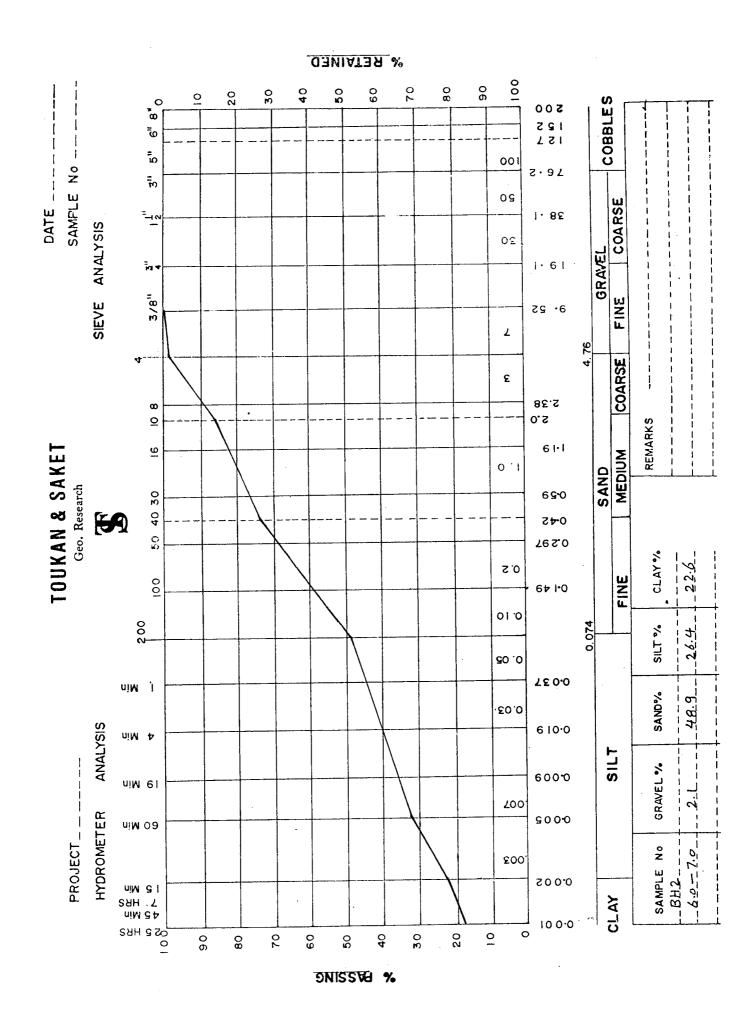


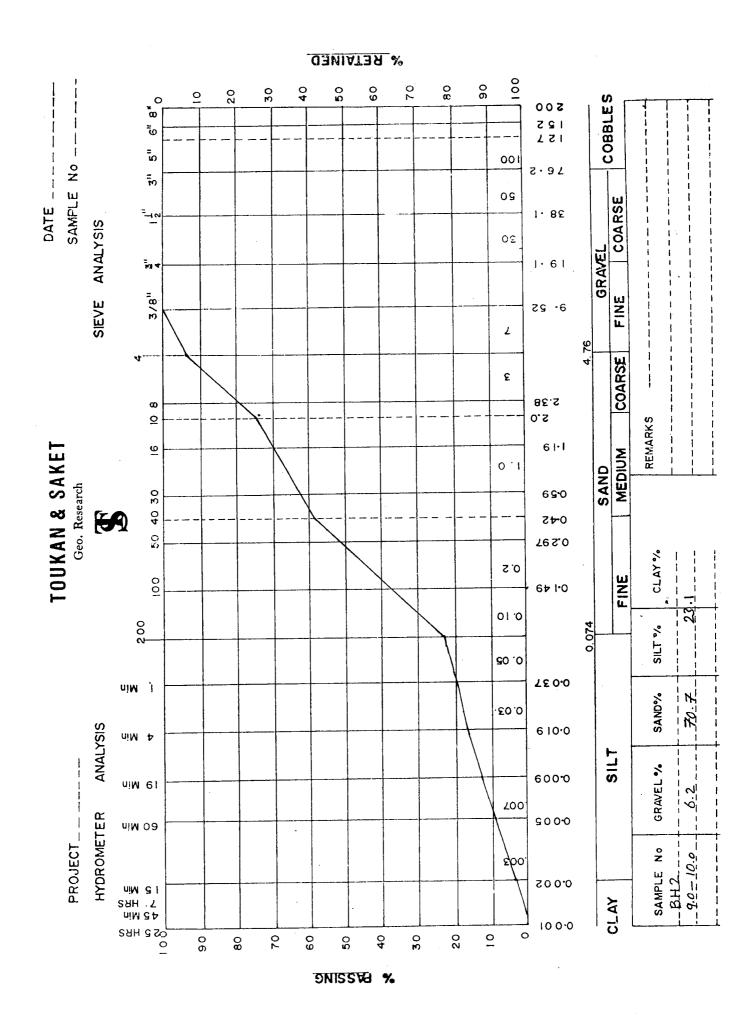


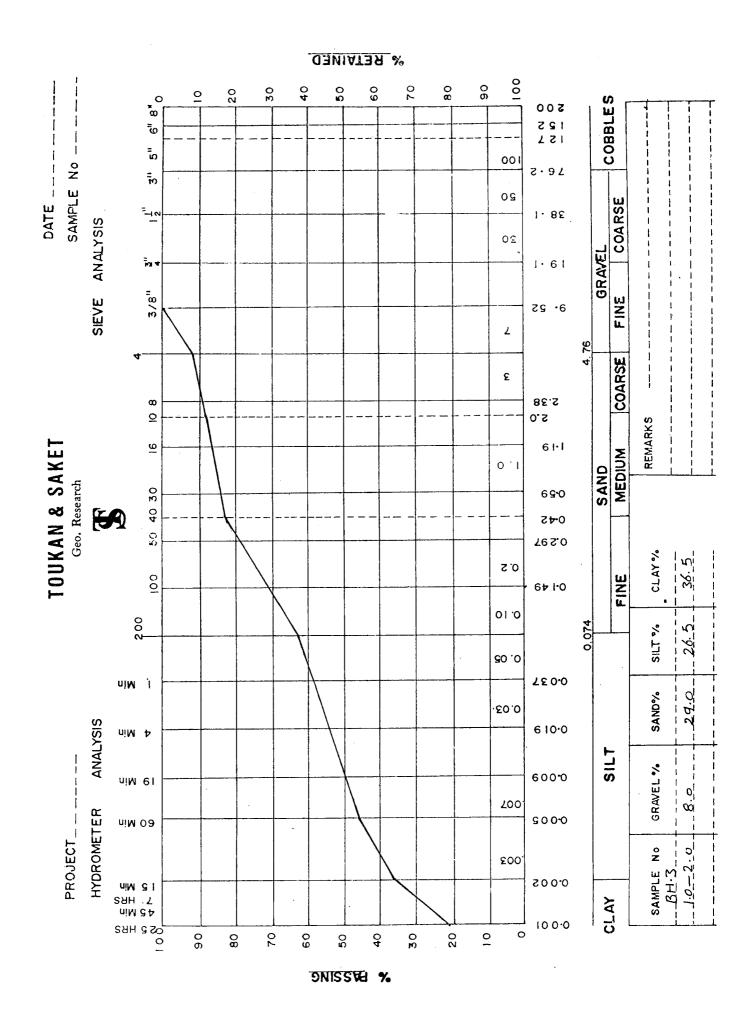


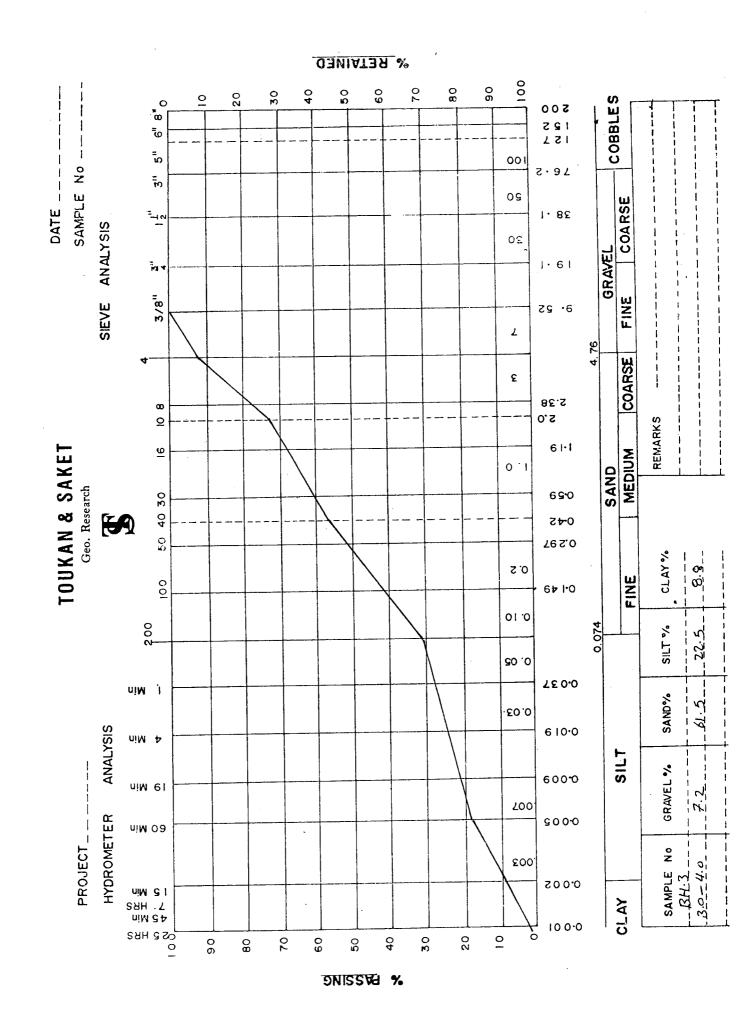


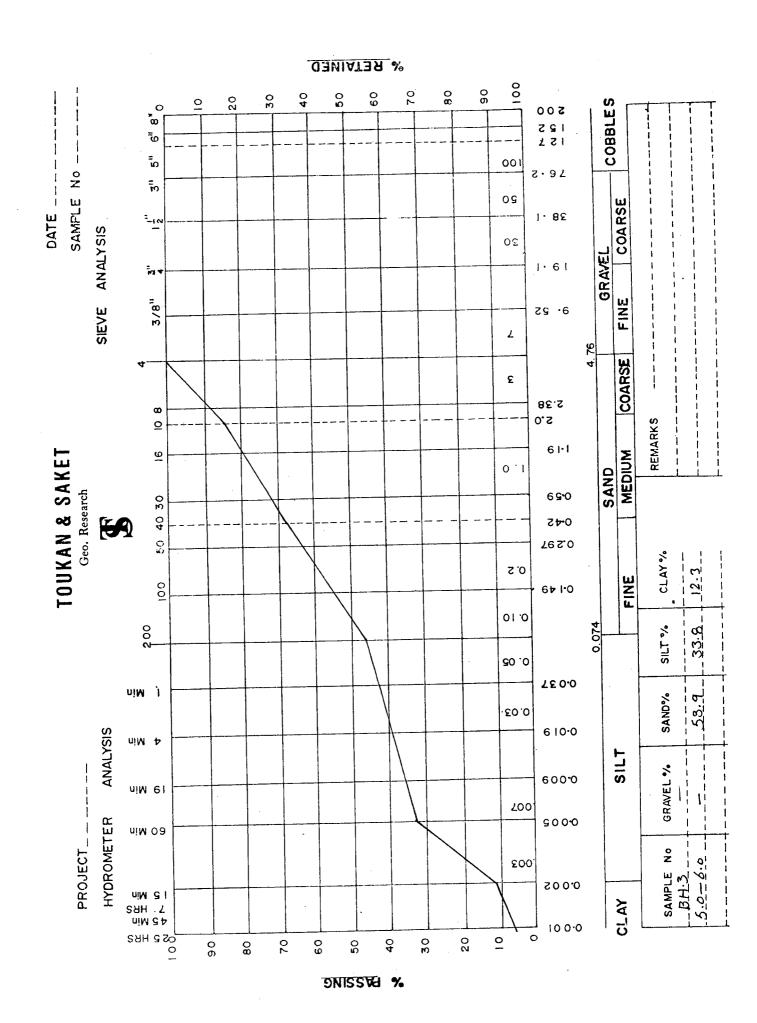


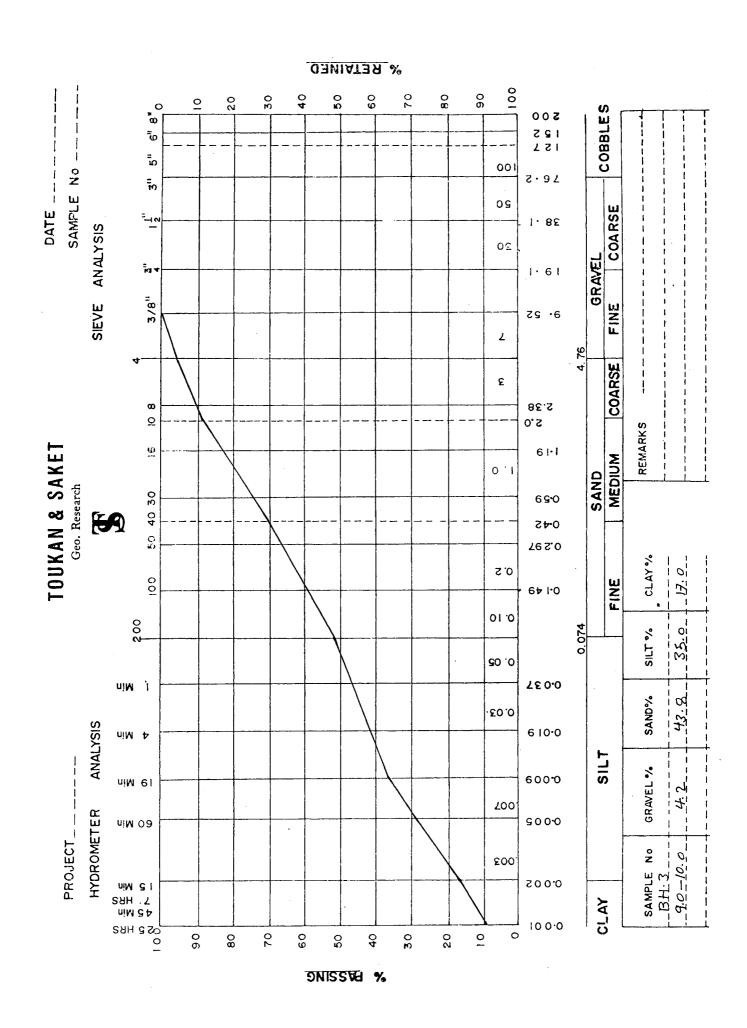


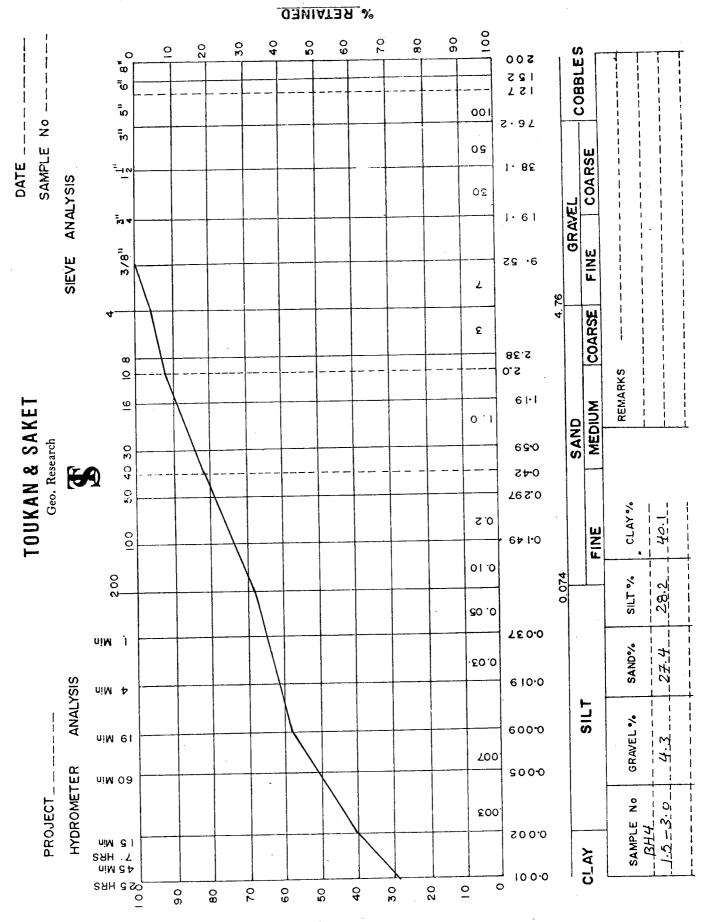




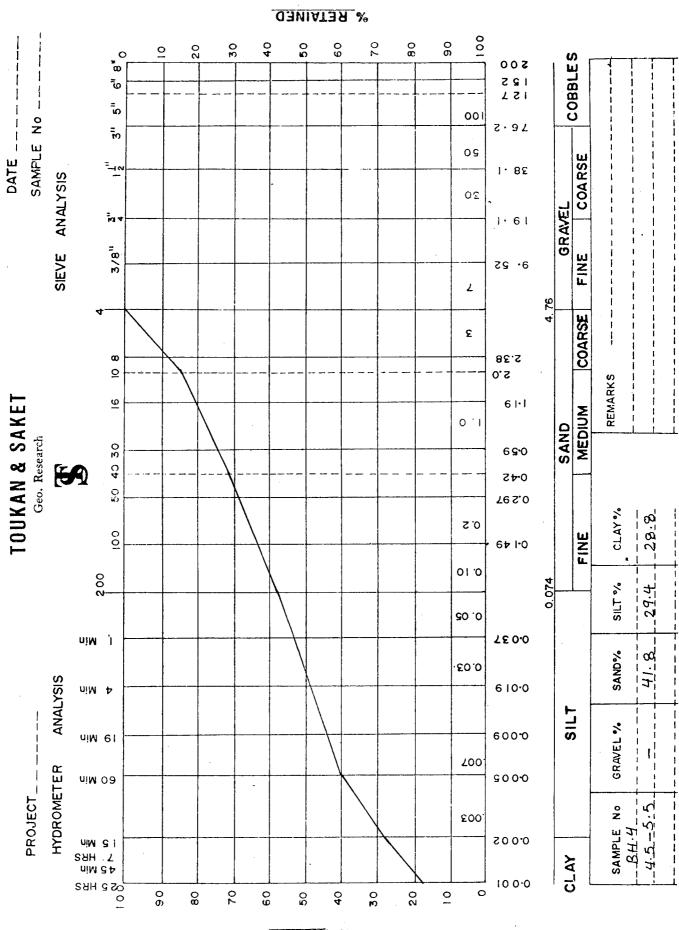




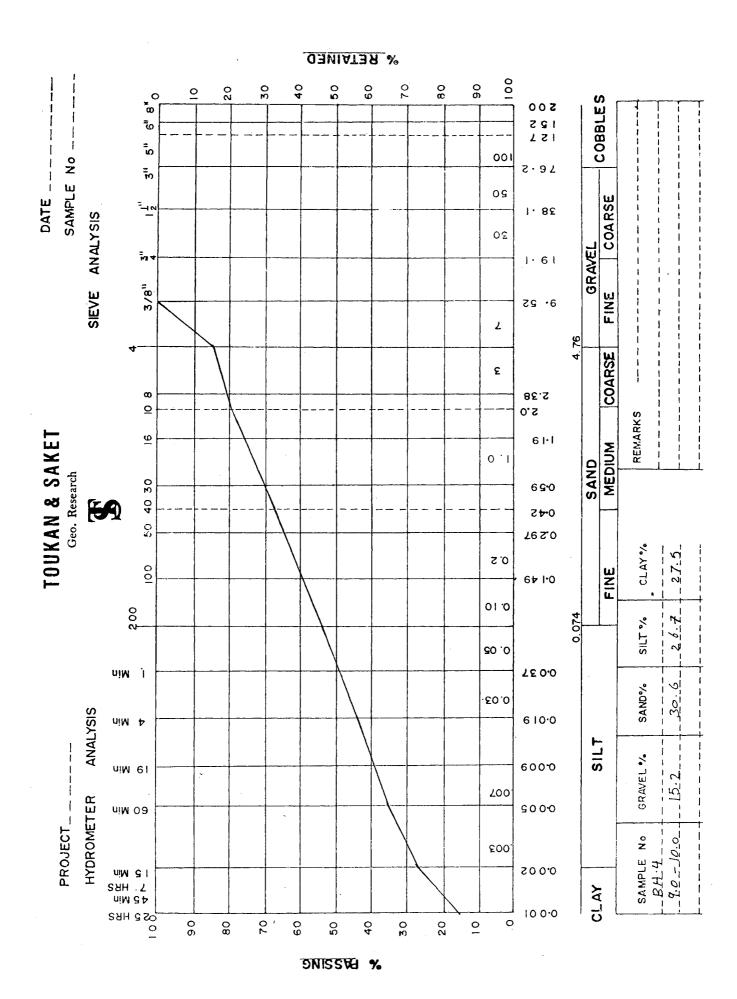


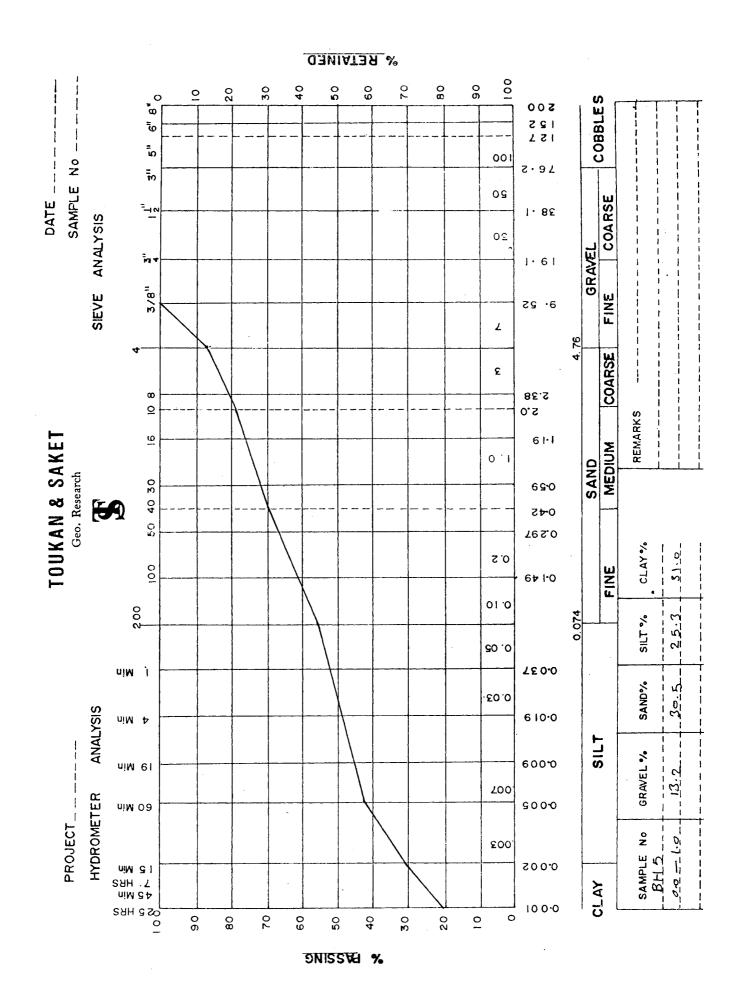


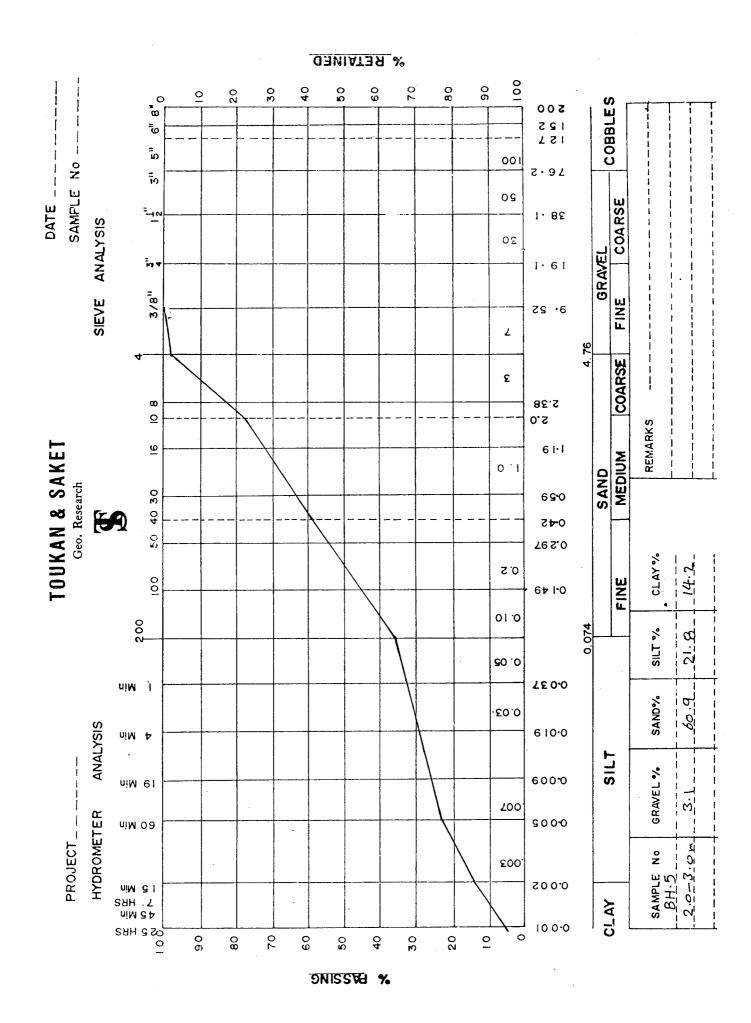
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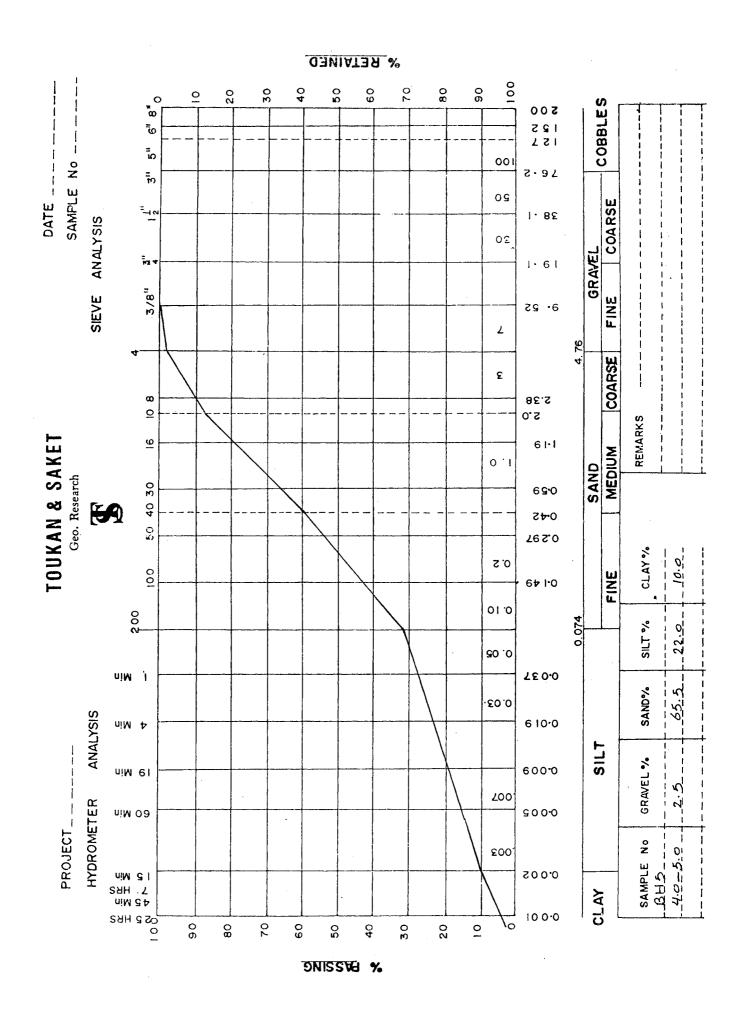


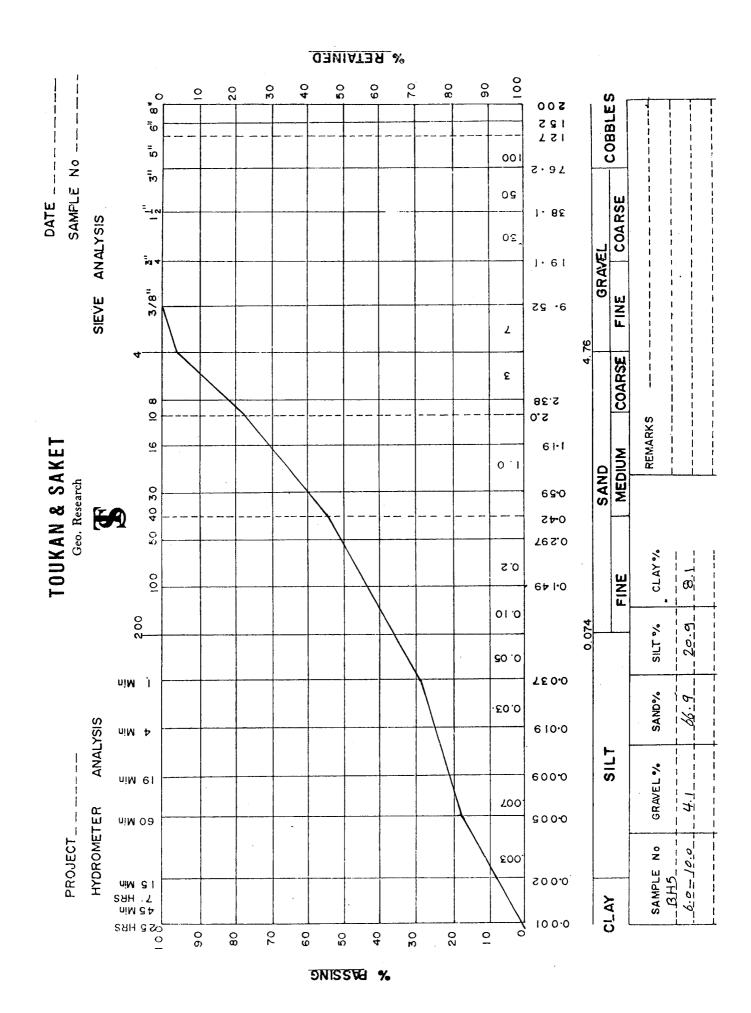
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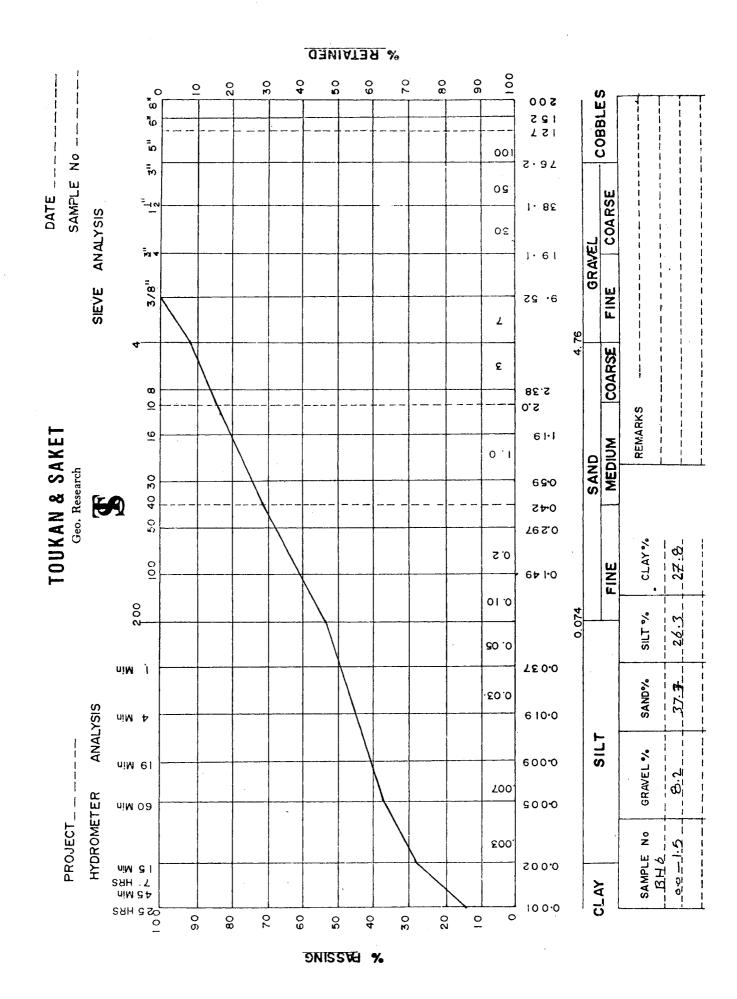


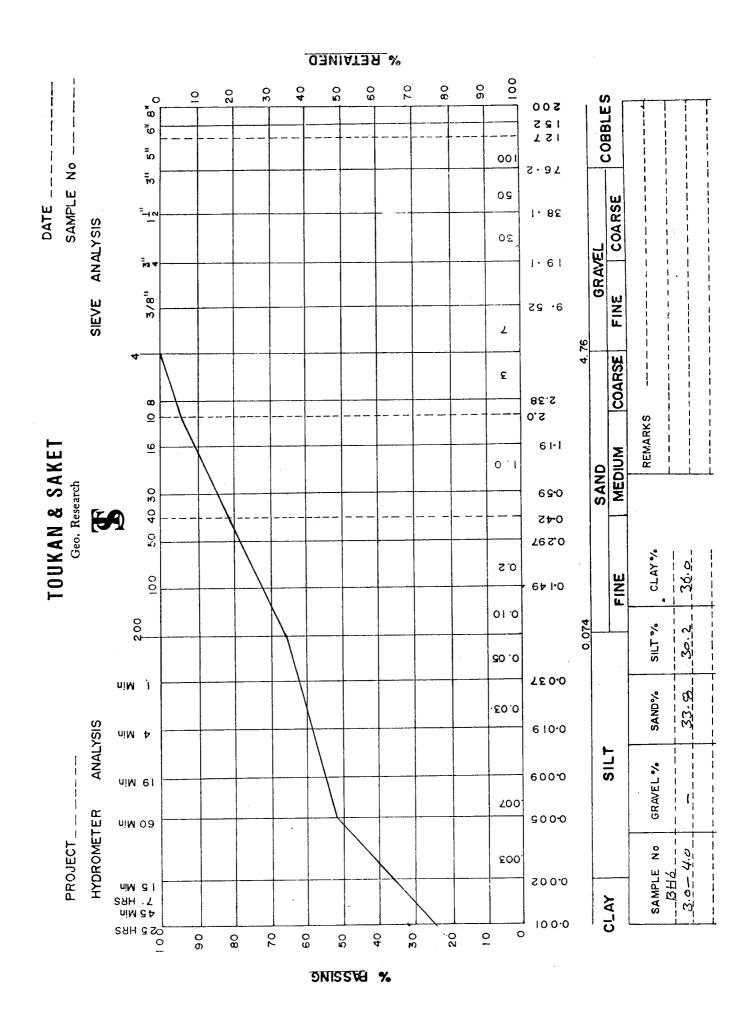


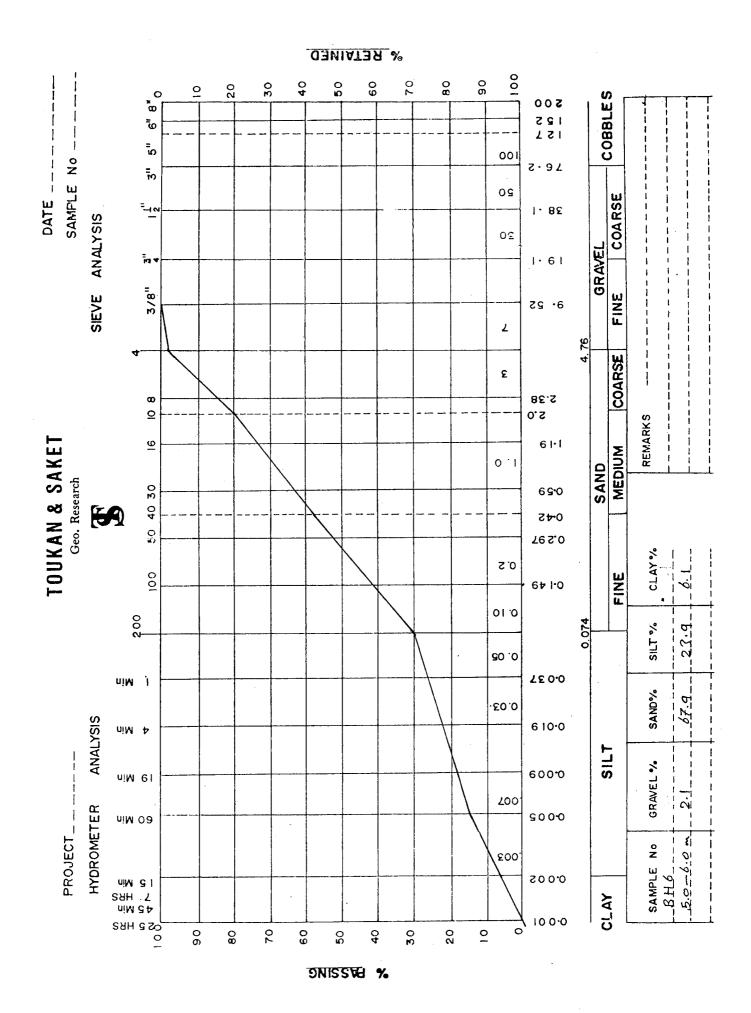


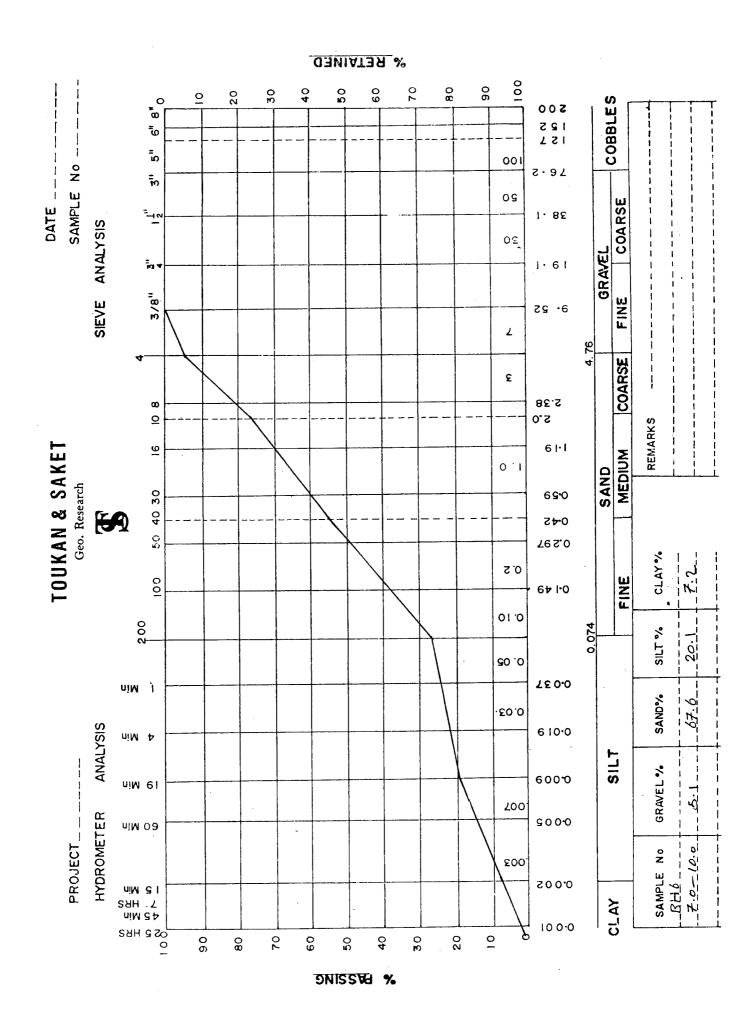


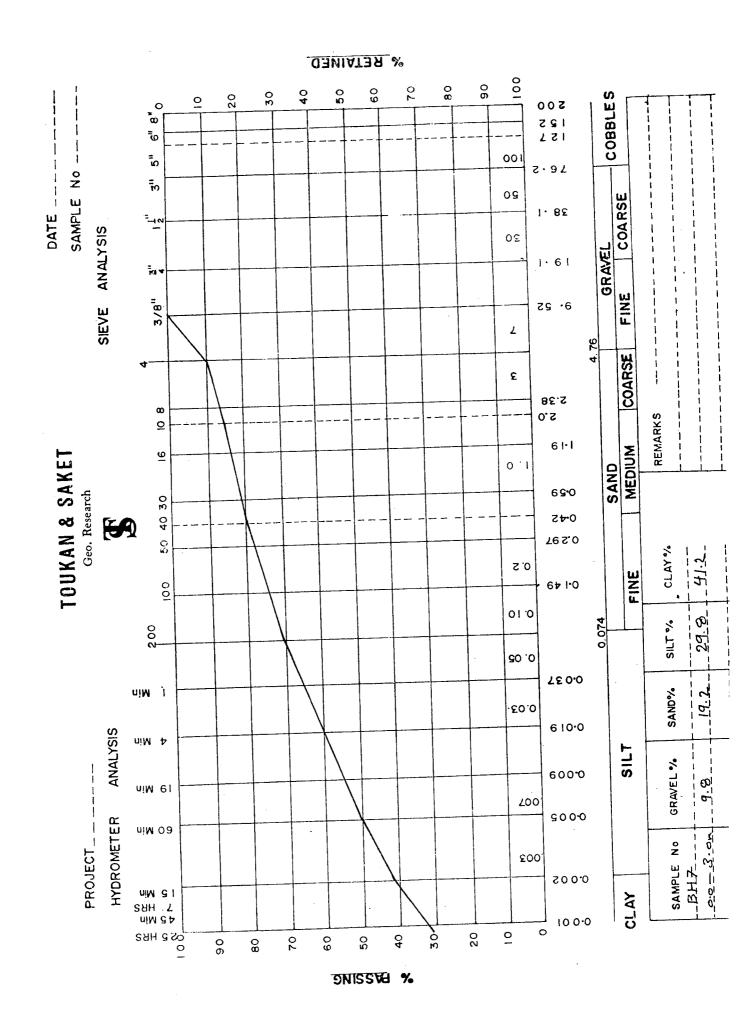


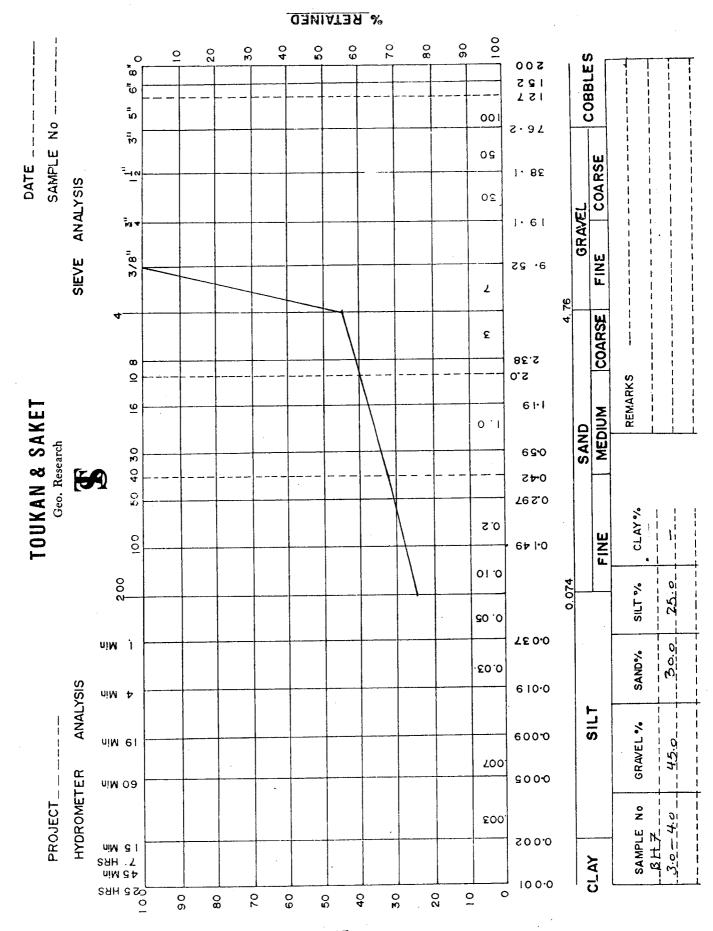




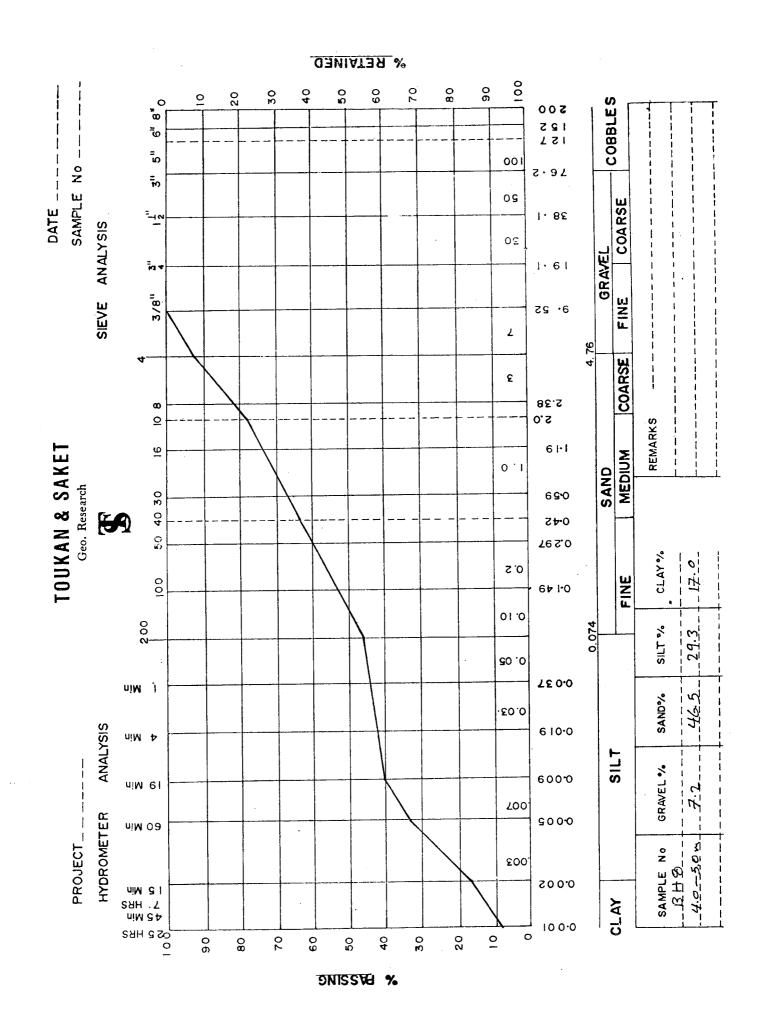


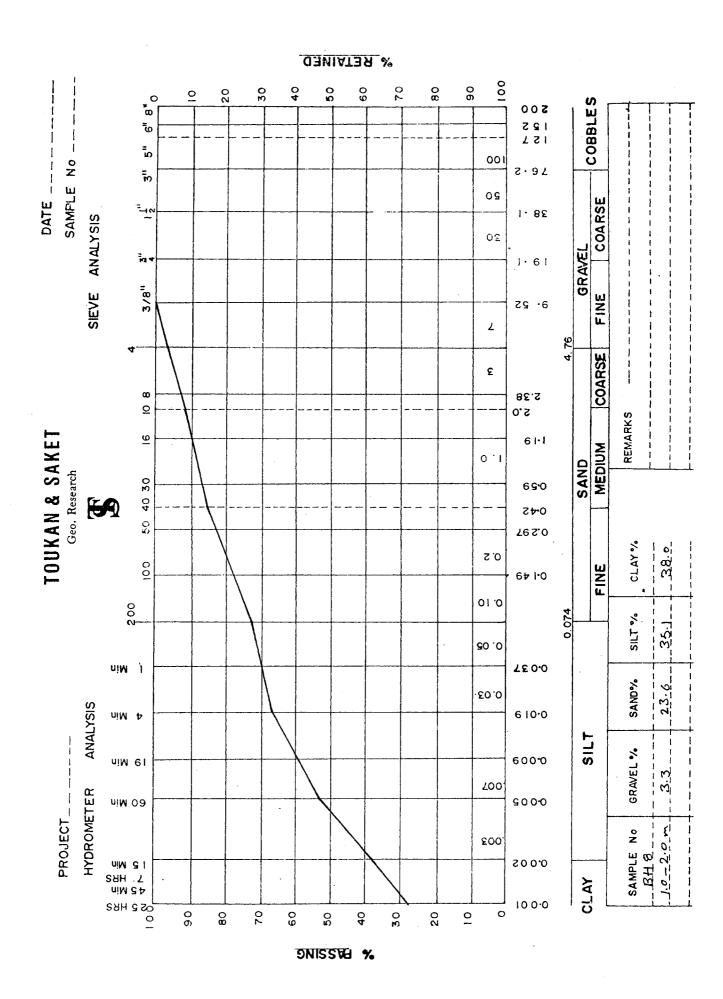


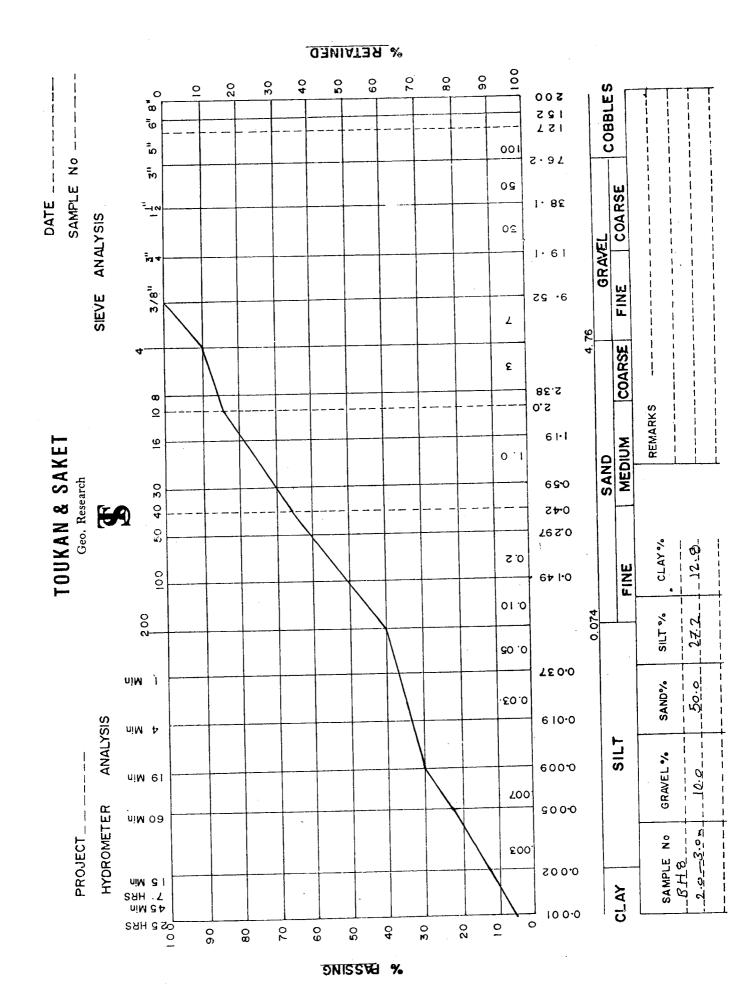


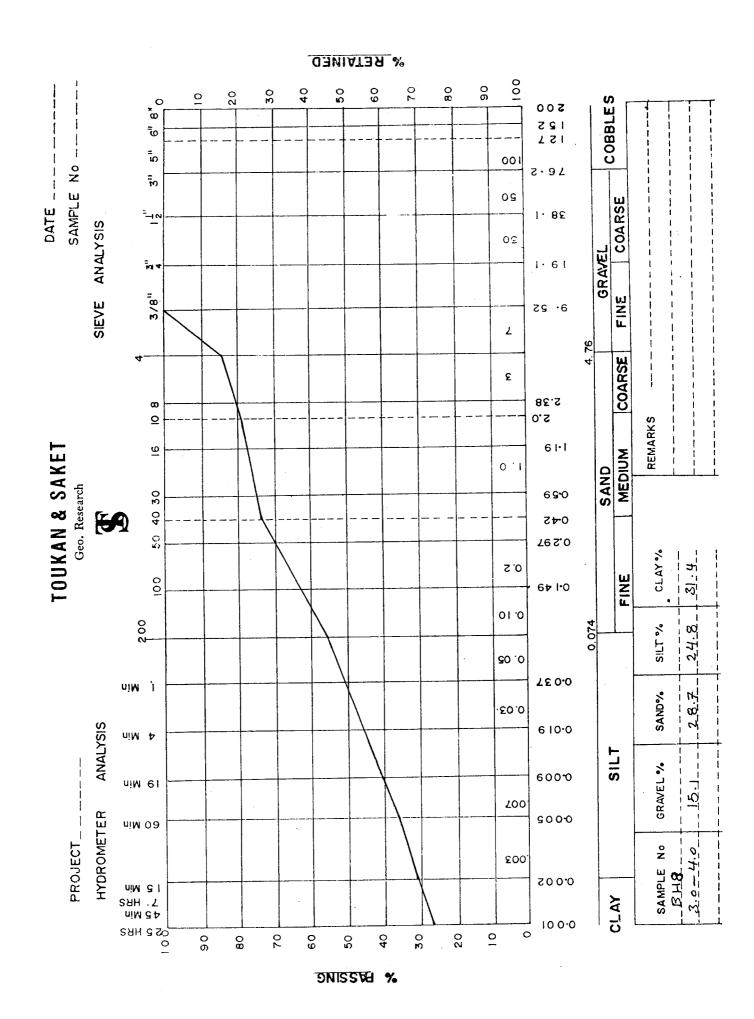


· SNISSVE %





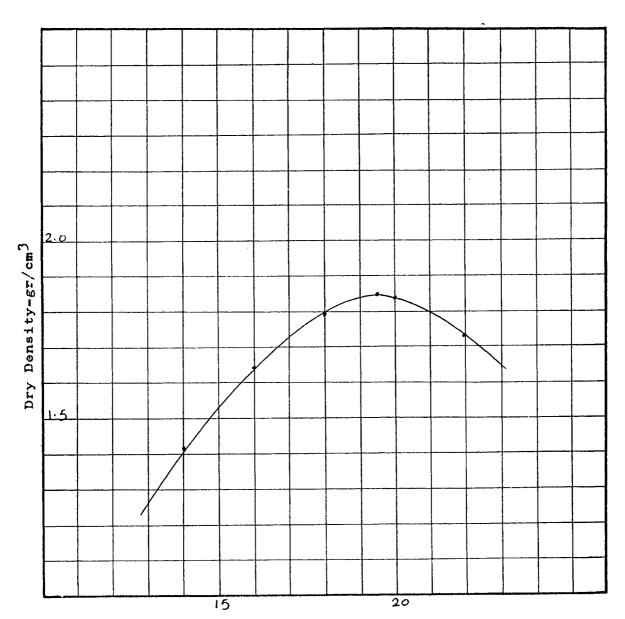




Geo-Research

Proctor Compaction Test

Sample No.: T.P.2 (1.0-2.0)m Project:



Max. Dry Density = 1.85 gr/cm3

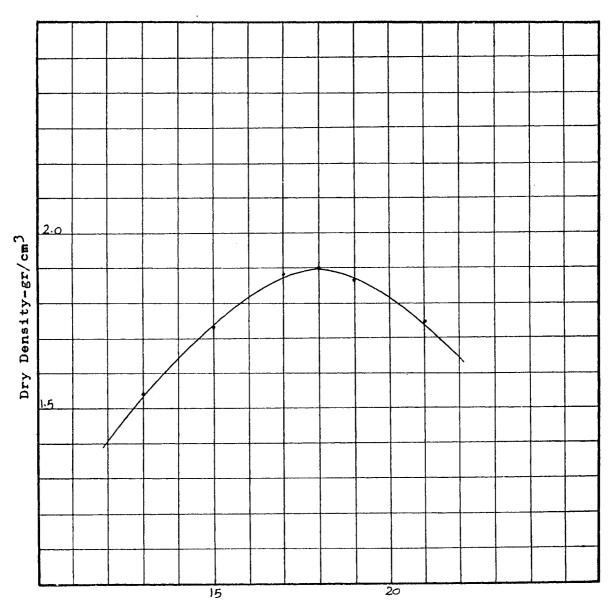
Moisture Content(%)

Optimum Moisture Content = 19.5 %

Geo-Research

Proctor Compaction Test

Sample No.: T.P. | (0.0 - 1.0)m Project:



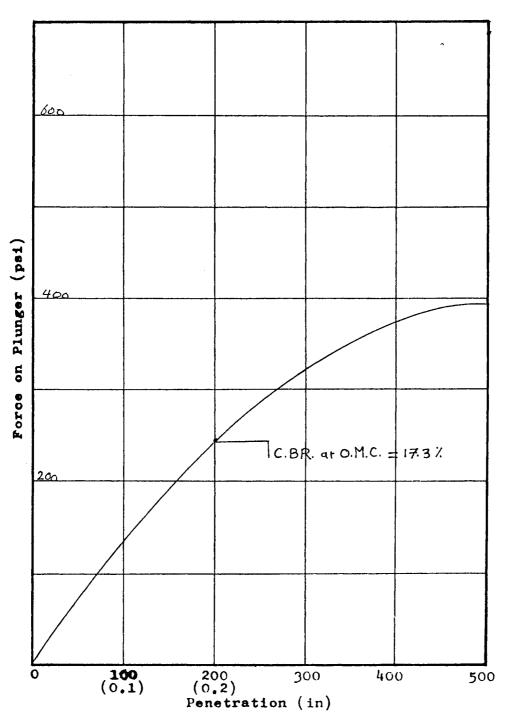
Max. Dry Density = 1.9 gr/cm³ Moisture Content(%)

Optimum Moisture Content = 18.0%.

Gee-Research California Bearing Ratio

Project:

Sample No.: T.P.2 (1.0-2.0)m

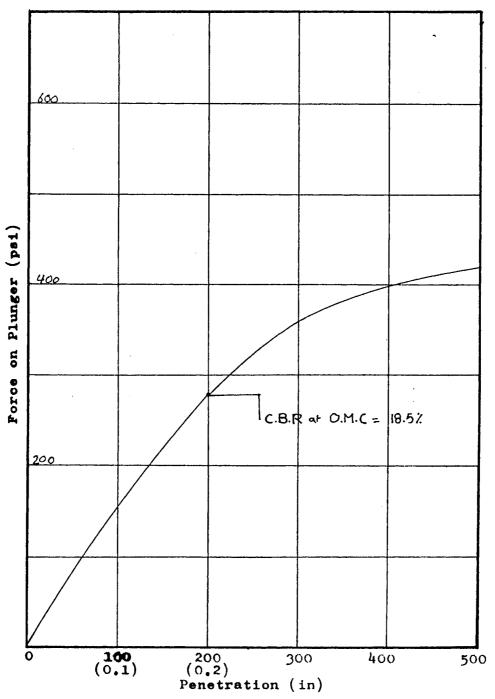


Remarks:

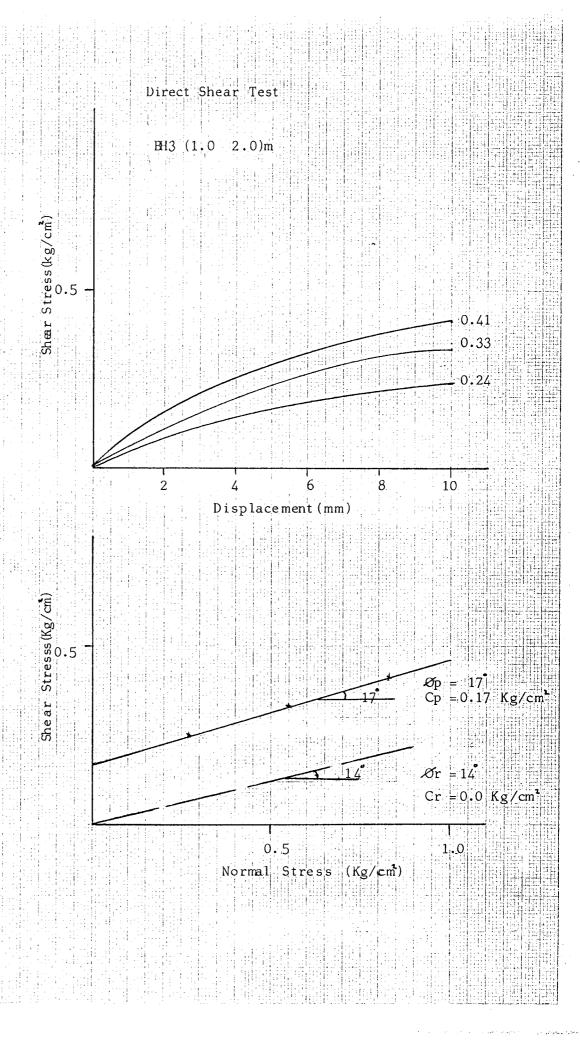
Gee-Research California Bearing Ratio

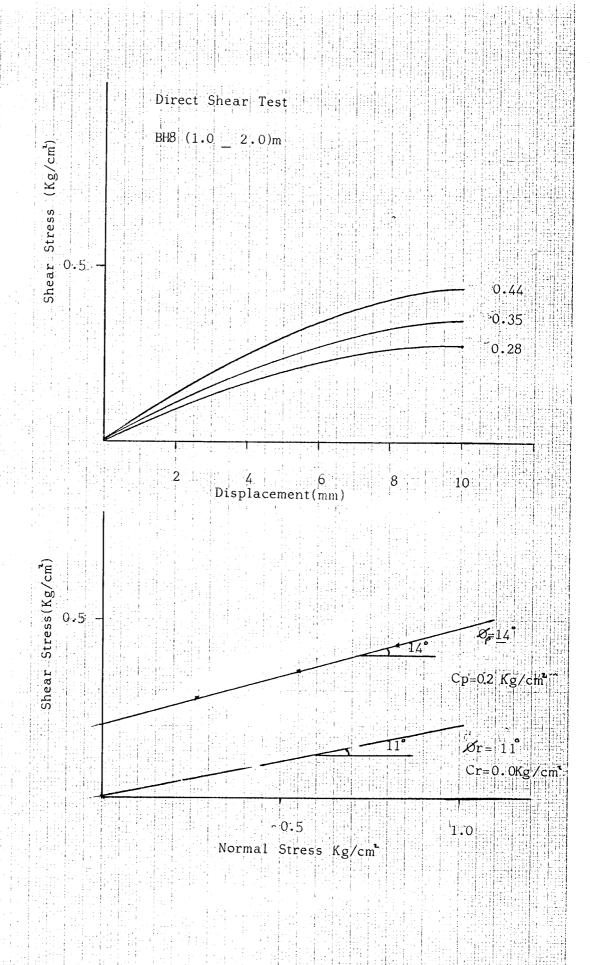
Project:

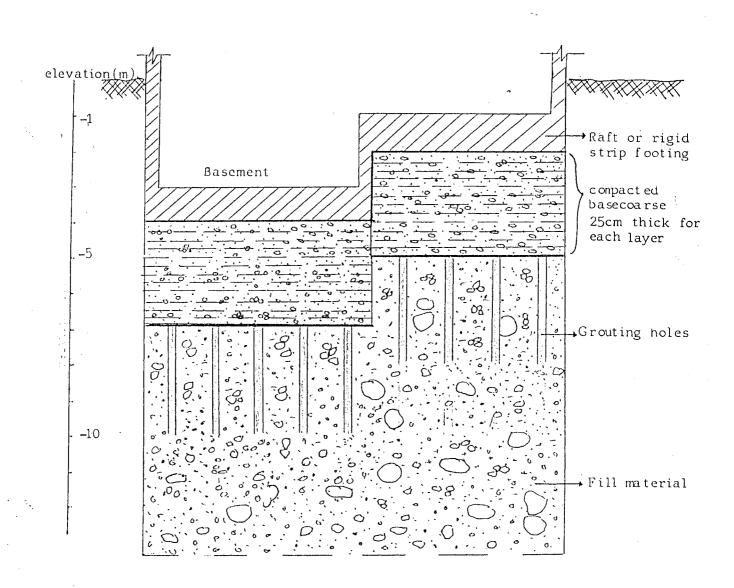
Sample No.: T.P.1 (0.0-1.0)m



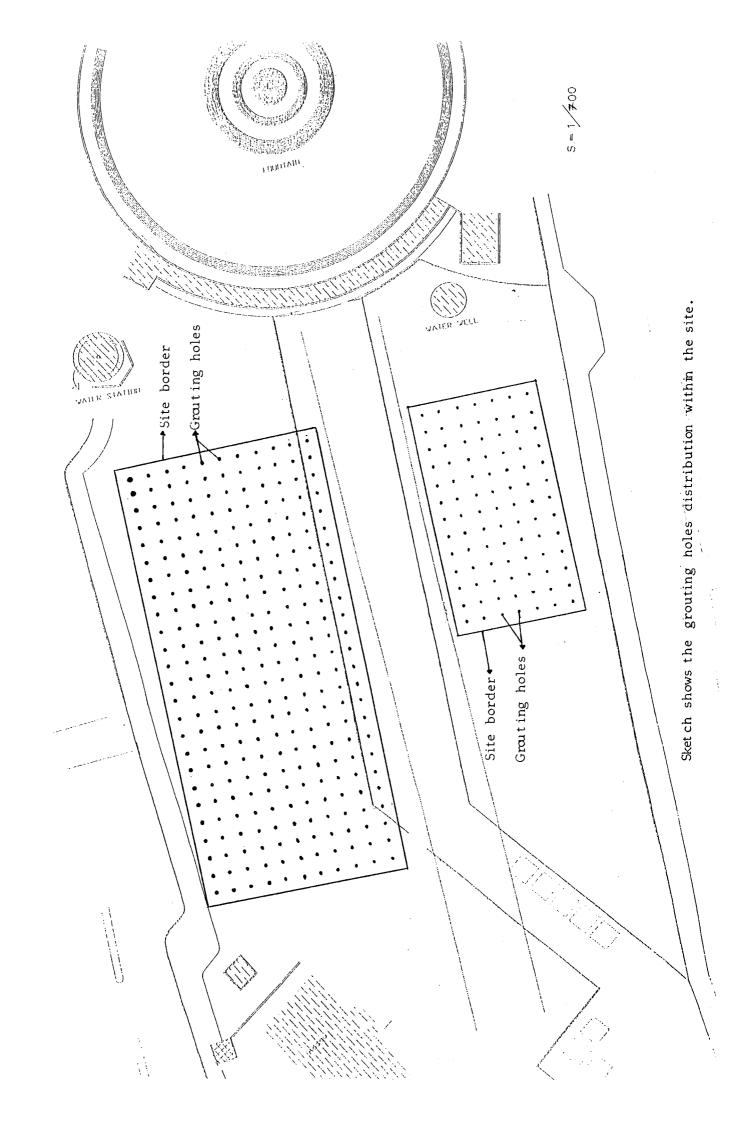
Remarks:







Sketch Shows the treatment stages of alternative (B) for he ground.



Material discreption

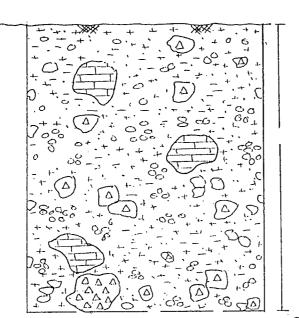
2.0m

Brown sandy silty clay with gravels, cobbles and some boulders of chert and limestone.

Cross section in testpit No.1

Material discreption

Brown sandy silty clay with gravels, cobbles and some boulders of chert and limestone.



Cross section in test pit No. TP2

APPENDIX K

QUERY FORM

QUERY FORM

APPENDIX K

Query No.:_	_		
Date:			

Name of Document	Page No.	Clause or Section No.	Question
Name of Document	1 age 140.	Clause of Section No.	Question

** Use additional page if required.

THE MINISTRY OF TOURISM & ANTIQUITIES

THE TOURISM SECTOR DEVELOPMENT PROJECT

INSTRUCTIONS TO TENDERERS

FOR

CONSTRUCTION OF NATIONAL MUSEUM SUB-PROJECT

ENCLOSURES

ENCLOSURE NO. 1: POWER OF ATTORNEY

ENCLOSURE NO. 2: CERTIFICATE OF SUBMISSION OF TENDER SECURITY

ENCLOSURE NO. 3: JOINT OPERATION AGREEMENT

ENCLOSURE NO. 4: LETTER OF ASSOCIATION

ENCLOSURE NO. 5: AFFIDAVIT OF SITE INSPECTION

ENCLOSURE NO. 6: BASIC PROGRAM OF THE WORKS

ENCLOSURE NO. 7: CONTRACTOR'S ORGANIZATION CHART

ENCLOSURE NO. 8 : OUTLINE CONSTRUCTION PLAN AND PROPOSED LAYOUT PLAN FOR TEMPORARY WORKS

ENCLOSURE NO. 9 : LIST OF CONTRACTOR' S EQUIPMENT TO BE USED ON THE WORKS

ENCLOSURE NO. 10: LIST OF MAJOR MATERIALS AND PLANT FOR THE WORKS

INSTRUCTIONS TO TENDERERS

ENCLOSURE NO. 11 : LIST OF SUB-CONTRACTORS/SUPPLIERS

ENCLOSURE NO. 12 : LIST OF INTENDED IMPORT MATERIALS AND PLANT

ENCLOSURE NO. 13 : BREAKDOWN OF MAJOR RATES

ENCLOSURE NO. 14 : DETAILED MONTHLY CASH FLOW OF ANTICIPATED CONTRACT PAYMENTS

Notes:

- 1) Enclosures shall each be read in conjunction with the Tender Documents.
- 2) Enclosures shall be signed and returned with the Tender in strict accordance with the requirements of appropriate Clause of Instructions of Tenderers.

ENCLOSURE NO. 1

POWER OF ATTORNEY

Name :
Position :
Name of Company:
Business Address :
Telephone :
Facsimile :
I, the undersigned, hereby declare that we: give
authorization to the above mentioned person who is empowered by us to communicate with the
MPWH/Engineer or other such authorized Party insofar as the "Instructions to Tenderer" so permit
during the Tendering period.
Date prepared :
Name of Tenderer :
Signature of Tenderer :
Official Stamp:

CERTIFICATE OF SUBMISSION OF TENDER SECURITY

WHEREAS we have prepared a Tender Security in accordance with the Tender Documents for the
Tourism Sector Development Project, NATIONAL MUSEUM Sub-project, and it is a condition of the
aforesaid Tender Documents that the Tenderer shall furnish a Tender Security in the amounts of
J.D
We hereby certify that a Tender Security complying with the above and in the form as prescribed in the
Tender Documents has been prepared and completed by the Guarantor
(Name of Bank)
included in the Package – II Documents.
Signature of authorized representative of the Tenderer:
Name of authorized representative :
Name of Tenderer :

Note: This certificate shall be enclosed in the Package –I Documents.

ENCLOSURE NO. 3

JOINT OPERATION AGREEMENT

The Tenderer shall submit with his Tender a Joint Operation Agreement in accordance with the Sub-Clause 20-1, c, 3) of the Instructions to Tenderers, clearly labeled as Enclosure No. 3.

ENCLOSURE NO. 4

LETTER OF ASSOCIATION

The Tenderer shall submit with his Tender a Letter of Association in accordance with the Sub-Clause 20-1, c, 4) of the Instructions to Tenderers, clearly labeled as Enclosure No. 4.

AFFIDAVIT OF SITE INSPECTION

1. This is to ce	ertify that I,	(name)
on behalf	of	(name of Tender), declare that
we have vi	sited and inspected the Site and its surroundings and h	nave fully satisfied ourselves of all the
requiremen	nts of the Instruction to Tenderers.	
2 We have al	lso:	
(1)	Studied the Tender Documents in detail; and	
(2)	informed ourselves fully and taken account into our	Tender of all national and local laws,
	decrees, ordinances, acts, regulations and other circ	•
	affect the satisfactory completion and timely performus thereof.	mance of the Contract and the cost to
3. I further	certify that we are satisfied with the description of the	ne Works and the written explanation
given by	the MPWH and that we understand perfectly the scope	e of works to be executed.
Signature of T	enderer :	
Name of Tend	lerer :	
Date prepared	:	
Official Stamp	o :	

BASIC PROGRAM OF THE WORKS

The Tenderer shall submit with his Tender a "Basic Program of the Works" clearly labeled as Enclosure No.6. The program shall indicate the timing, proposed sequence and order of execution of the Works, and take full account of the stipulated completion period.

The Program shall be submitted in Bar Chart form with plotted time/percentage completion together with a Critical Path Network detailing activities.

The "Basic Program of the Works" shall indicate:

- (1) Key dates/period;
 - (Refer to enclosed General Construction Schedule, as "Appendix H")
- (2) Interdependence of the individual activities;
- (3) Earliest/latest start and earliest/latest end of the each activity;
- (4) Manufacture and shipment of the Materials and Plants to be incorporated to the Works.
- (5) Transport and materials delivery to the Site;
- (6) Mobilization schedule of Contractor's and Sub-contractor's equipments
- (7) Shop fabrication.
- (8) Working sequence of street and trail pavement.
- (9) Testing and Commissioning etc
- (10) Temporary works including soil erosion and sedimentation control and protection during foundation works.
- (11) Temporary pedestrian and car traffic control and diversion plans.
- (12) Removal of Contractor's Equipment;
- (13) Clearing the Site upon completion; and
- (14) Protection of works

CONTRACTOR'S ORGANIZATION CHART

The Tenderer shall submit with his Tender a detailed organization chart clearly labeled as Enclosure No.7. The organization chart shall include an illustration of the Contractor's proposed management structure for the Works:

- (1) The Project management and supervisory organization on Site;
- (2) Relevant head office structure in relation to the Project control.
- (3) Maintenance Organization during and after the Defect Liability Period.

Principal personnel including Project management, administrative, technical and supervisory staff, foreign and local, shall each be named or referenced in the Organization Chart and, in addition, the Tenderer shall submit:

- (1) An assignment schedule for each personnel in the form of bar chart, indicating whether full or part time and the proposed period of assignment;
- (2) Comprehensive Curriculum Vitae for personnel, describing names, position, qualifications, age and relevant experience, company name if the Tenderer has been pre-qualified in association with other companies as a Joint venture/Consortium and their authorities
- (3) Monthly manpower requirement chart for the total Contract Period and categorized into management, supervision, engineering, administrative and labor for both foreign and local.

OUTLINE CONSTRUCTION PLAN AND PROPOSED LAYOUT PLAN FOR TEMPORARY WORKS

The Tenderer shall submit the following with his Tender, clearly labeled as Enclosure No. 8.

- (1) An Outline Construction Plan; and
- (2) A proposed Layout Plan for Temporary Works.

The Outline Construction Plan shall include the following:

- (1) A method statement for each respective part of the Works describing the intended construction methods to be employed in the Works;
- (2) A detailed description of the proposed sequences for the execution and completion of the Works;
- (3) Anticipated labor levels (expressed in man-days) for the Works thereof including any works offsite;
- (4) Proposed detail quality control procedures and including;
 - -: Site testing and commissioning method and procedure
 - -: Manufacturer's quality control procedure
 - -: Proposed on-site/off-site independent laboratory or testing agency
- (5) Proposed Site safety/security control and protection of existing live utilities during construction period.
- (6) Temporary pedestrian and car traffic control and diversion plans.

The proposed layout plan for Temporary Works shall be accompanied by drawings indicating the layout and Engineers Office, temporary roads, workshop, control of soil erosion and sedimentation, storage areas, hard standings, offices, fences, Site lighting, power and water supplies etc. and all protection works.

LIST OF CONTRACTOR'S AND SUB-CONTRACTOR'S EQUIPMENT TO BE USED ON THE WORKS

The Tenderer shall submit with his Tender a List of Contractor's and Sub-contractor's Equipment to be used on the Works in the format of the enclosed page, clearly labeled as Enclosure No.9.

LIST OF CONTRACTOR'S AND SUBCONTRACTOR'S EQUIPMENT TO BE USED FOR THE WORKS

DECCRIPTION	MANUEACTURERS	I VEAD OF	MODEL	OLIA NITUTA	CLZE	OWNED OD	ENCLOSURE
DESCRIPTION	MANUFACTURER'S NAME	YEAR OF MANUFACTURE	MODEL	QUANTITY	SIZE CAPACITY	OWNED OR LEASED	PRESENT LOCATION
	NAME	MANUFACTURE			CAPACITY	LEASED	LOCATION
			SAMPLE				
			O,)			

^{**} Use additional page if required

LIST OF MAJOR MATERIALS AND PLANT FOR THE WORKS

The Tenderer shall submit with his Tender a List of Major Materials and Plant for the Works, clearly labeled as Enclosure No.10.

- A. The materials to be incorporated in the Works shall comply with the Specifications in the Tender Documents.
- B. The list must be complete in all respects including materials and plant and the Tenderer must submit with his Tender. All manufacturers' catalogues and enclosures, and performance specifications including drawings as necessary, pertaining to the materials.
- C. Spare Parts for Defect Liability Period

The Tenderer shall submit list of spare parts including modules, units and consumable items which the manufacturer recommends for the Defect Liability Period normal operation of equipment after issuance of Completion Certificate in accordance with the Clause 48 of the Conditions of Contract.

LIST OF MAJOR MATERIALS AND PLANT FOR THE WORKS

	DECONTORION	I and the at the second		GE 1375 1 DE 12-22-	ENCLOSURE NO. 10
	DESCRIPTION	SEC. AND CLAUSE NO. OF	MANUFACTURER / SUPPLIER	STANDARD / MODEL	COUNTRY OF ORIGIN
		VOLUME-II, SPECIFICATIONS			
A	, ,				
1.	Ready Mixed Concrete				
2.	Cement				
3.	Fine Aggregates				
4.	Coarse Aggregates				
5.	Reinforcing Bars (diameter 9mm or less)				
6.	Reinforcing Bars (all others)				
7.	RC Pipe 400 - 800 mm Dia.				
8	Asphaltic Conctrete				
9	Pre-cast Cponcrete Pile				
10	Waterstop				
11	Sesmic isolation pad				
12	Cement Roofing Tiles		SAMPLE		
13	Concrete Block		<i>5,</i> 22		
14	Paint				
15	Steel Doors			1	
16	Wooden Doors				
17	Aluminium Windows				
18	Rolling Shutters				
19	Glass				
20	Sanitary Fixtures				
В	Mechanical Works				
1	Valves				
2	Galvanized Steel Pipes				
3	Cast Iron Pipes				
4	PVC Pipes				
5	Piping Acessories: joint, bend, tee etc.				
6	Pumps				
7	Flow meters				
8	Air Conditioner				
9	Ventilation Fans				

	T T			ENCLOSURE NO. 10
RIPTION		MANUFACTURER / SUPPLIER	STANDARD / MODEL	COUNTRY OF ORIGIN
	VOLUME-II, SPECIFICATIONS			
		CAMDLE		
		SAIVIFLE		
Conduits	l T			
eles				
tors				
	les	volume-II, specifications onduits	VOLUME-II, SPECIFICATIONS SAMPLE onduits	volume-ii, specifications SAMPLE onduits

(Name and Signature of authorized representative)	(Name of Tenderer)

LIST OF SUB-CONTRACTORS/SUPPLIERS

The Tenderer shall submit a list of Sub-contractors/Suppliers he proposes to use with his Tender in the format of the enclosed page, clearly labeled as Enclosure No.11. The Tenderer shall also enter a Statement of Similar works previously executed by the proposed sub-contractor including description, location and address of the Employer/Engineer. Notwithstanding such information, the Tenderer, if awarded the Contract, shall remain entirely and solely responsible for the satisfactory completion of the Works.

Reference and/or copy of regal documents for proposed Sub-contractors/Suppliers shall be enclosed.

Extension to this schedule in the same format should be used to provide complete information.

LIST OF SUB-CONTRACTORS/SUPPLIERS

					ENCLOSURE NO. 11
TARD OR	NAME OF	ADDRESS OF	NAME OF SIMILAR WORKS	NAME OF EMPLOYER/	DESCRIPTION OF WORK
MATERIALS	SUB-CONTRACTOR/	SUB-CONTRACTOR/	PREVIOUSLY EXECUTED	EMPLOYER OF WORKS	
ļ	SUPPLIER	SUPPLIER		PREVIOUSLY EXECUTED	
1					
1					
1					
1					
1			SAMPLE		
1			O/ (IVII LL		
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1					

^{**} Use additional page if required.

LIST OF INTENDED IMPORT MATERIALS AND PLANT

The Tenderer shall submit with his Tender a List of Intended Import Materials and Plant, clearly labeled as Enclosure No. 12.

Such list shall include estimated Taxies/duties and other all necessary charges and specify the source countries.

LIST OF INTENDED IMPORT MATERIAL AND PLANT

ENCLOSURE NO. 12

									LUSURE NO. 12
ITEM	DESCRIPTION	UNIT	QUANTITY	MATERIAL /	SOURCE OF	AMOUNT	DUTIES	OTHER	TOTAL
				PLANT RATE	COUNTRIES	(FOB)		CHARGE	
						,			
			SA	MPLE					
	(5 / ()				
ded TT 1						I.			

**	Use	additional	l page	if requ	aired.
----	-----	------------	--------	---------	--------

(Signature and name of authorized representative of Tenderer)

(Name of Tenderer)

BREAKDOWN OF MAJOR RATES

The Tenderer shall submit with his Tender a Breakdown of Major Rates, clearly labeled as Enclosure No. 13.

Such breakdowns shall at all times be subject to the approval of the Engineer. The Engineer reserves the right to request such further breakdown as he may consider necessary.

BREAKDOWN OF MAJOR RATES

ITEM	DESCRIPTION	UNIT	QUANTITY	Y LOCAL CURRENCY (JD) FOREIGN CURRENCY		CURRENCY ()	TOTAL	
111111	DESCRII HON	01111	20/11/11/1	RATE	AMOUNT	RATE	AMOUNT	(J.D.)
A	SITE, CIVIL AND BUILDING WORKS			MIL	THIOCITI	MIL	THIOUTT	(3.D.)
1	SILE, CIVIL AND BUILDING WORKS							
2								
2								
3								
4								
3								
6								
/								
8								
9								
10								
11								
12 13								
13								
D	MECHANICAL WORKS							
B B-1	MECHANICAL WORKS		SA	AMPLE		Ĺ		
B-I	Plumbing Works		O,					
1						/		
2			_					
3								
4								
3								
7								
0								
9								
10								
11								
12								
13								
B-2	Air-conditioning and Ventilation Works							
B-2	Air-conditioning and ventilation works							
1								
2								
3								
4								
5								
6								
/								
8								

ITEM	DESCRIPTION	UNIT	QUANTITY	LOCAL CURRENCY (JD) FOREIGN CURRENCY ()		TOTAL		
		31,11		RATE	AMOUNT	RATE	AMOUNT	(J.D.)
C C-1 1 2 3 4 5 6 7 8 9 10 C-2			SA	AMPLE	AMOUNT	RATE	AMOUNT	(J.D.)
3 4 5 6 D	LANDSCAPE							
Е	EXHIBITION							

(Name	anc	l signature	ot	author	rızed	represen	tatıv	e of	Ί	enderer)

DETAILED MONTHLY CASH FLOW OF ANTICIPATED CONTRACT PAYMENTS

The Tenderer shall submit with his Tender a Detailed Monthly Cash Flow of Anticipated Contract Payment to indicate all payments anticipated to be received under the Contract in relation to the program thereof (cash flow shall be with tabular and graphical form). Appropriate allowance shall be made for payment and repayment of advance payments under the Contract, clearly labeled as Enclosure No.14.

APPENDIX L

TENDER ACKNOWLEDGEMENT

TENDER ACKNOWLEGEMENT

1.		(name of
	Tender), have received all Tender Documents for the National Museum Sub-Projec Sector Development Project on th 2000.	i, Tourisii
2.	We further declare that we shall submit our Tender Proposal in strict accord requirements of the Instructions to Tenderer.	ance with
Sig	gnature of Tenderer :	
Na	nme of Tenderer :	
Da	ate prepared :	

APPENDIX M

LIST OF ELIGIBILITY COUNTRIES

LIST OF ELIGIBILITY COUNTRIES

All Countries

THE GOVERNMENT OF THE HASHEMITE KINGDOM OF JORDAN THE MINISTRY OF TOURISM & ANTIQUITIES THE MINISTRY OF PLANNING

FORM OF TENDER

OF

NATIONAL MUSEUM SUB-PROJECT
THE TOURISM SECTOR DEVELOPMENT PROJECT

FORM OF TENDER

To: The Ministry of Public Works and Housing
Government Tender Directorate
Eighth Circle, Albiader Street, Amman

TENDER

FOR

CONSTRUCTION

OF

NATIONAL MUSEUM SUB-PROJECT

TOURISM SECTOR DEVELOPMENT PROJECT

Having examined the Tender Documents comprising the Instructions to Tenderers, Conditions of
Contract, the Specifications, the Bill of Quantities, the Drawings and Addendums for the
above-named works. We, undersigned, offer to undertake the work complete in conformity with the
above mentioned documents for the sum of;
amount in words Jordanian Dinar
(J.D)
and
amount of words United States Dollar
(US\$)

- 2. We undertake, if our Tender is accepted, to commence the Works within twenty-eight (28) days after receipt of the Employer's Letter of Acceptance, this period to be utilized for mobilization works, and to complete and deliver the while works comprised in the contract within Twenty-four (24) months from the last date of the aforesaid period in which the Works are to be commenced.
- 3. If our Tender is acceptable, we will submit a Performance Security in the form of Bank Guarantee to jointly and severally bound us in the sum equal to ten percent (10%) of the total Contract Prices in above mentioned currencies for the faithful and satisfactory performance of the contract.
- 4. We agree to abide by this Tender for a period of ninety (90) calendar days from the date set for the opening of Tender and it shall remain binding upon us and may be accepted at any time before the expiration of this period. The Tender Security shall remain valid for one hundred twenty (120) calendar days after the date of opening of Tender.
- 5. Unless and until the Contract Agreement is prepared and executed, this Tender, together with your Letter of Acceptance, shall constitute a binding Contract between us. We agree that our receipt of your Letter of Acceptance will bind us to enter into the Contract Agreement with you, until the submission by us of an acceptable Performance Security within the required period.
- 6. We acknowledge that the Appendix to Tender forms part of our Tender.
- 7. We confirm that we have taken account of Notices to Tenderer:

No,	dated,	 ,	2,000
No,	dated,	 ,	2,000
No,	dated,	 ,	2,000
No,	dated,	 ,	2,000
No,	dated,	 ,	2,000
No,	dated,	 ,	2,000
No,	dated,	 ,	2,000
No.	dated .		2.000

Date this	day of	, 2000
Sig	gned	:
		(Printed Name)
De	signation	:
Du	ly authorized to sign	
For	r and on behalf of	:
	(Witness)	(Witness)
	(Witness)	(Witness)