

**RE-TENDER NOTICE-ENGINEERING DEPARTMENT**

Tenders are re-invited by the Chief Engineer KPT, under Rule 36 (b) of PPRA from Contractors registered with Government, Semi Government Department / Organizations or with any reputable client for the following work. All interested Firms who possess the experience in the relevant field may obtain the tender documents available on the downloadable version at KPT, PPRA & MOMA Websites.

NAME & SCOPE OF WORK	LAST DATE & TIME OF RECEIPT AND OPENING OF TECHNICAL BID
<p><b>REPAIR OF DAMAGED DECK SLAB OF KPT FLY OVER AT KEAMARI.</b>            The work mainly comprises of :</p> <ul style="list-style-type: none"> <li>● Break out and dispose of all loose concrete from the portion of deck slab.</li> <li>● Providing &amp; laying C40 grade concrete including form work.</li> <li>● Providing &amp; laying ready mix expendable concrete C40 grade (Fospak or equivalent) in deck slab.</li> <li>● Cleaning all the exposed reinforcement bars of deck slab.</li> <li>● Providing and laying 50mm Thick asphaltic concrete.</li> <li>● Repairing the retaining wall with ready mix expendable concrete C40 grade (Fospak or equivalent).</li> </ul> <p>i. Tender Fee Rs. 3,000/- (Non Refundable)            ii. (Bid Security amount Rs. 100,000/- fixed in the form of pay order in favour of Chief Accounts Officer KPT)</p>	<p>Receipt            08-10-2020            Before            10:30 am            &amp;            Opening            08-10-2020            Receipt at            1100 Hrs.</p>

1. The intending Bidders must be registered with the Pakistan Engineering Council in the Category CE-05 and specialized category CE-02 valid on the date of opening of Tender.
2. The Bid should be sealed in two separate envelopes marked as "Technical Offer" & "Financial Offer". The Technical Bids will be opened on same day in presence of bidders representative. The Financial Bids shall be kept in safe custody of the Department and to be opened only for the Technically qualified firms.
3. The interested Bidders are required to fulfill the mandatory requirements as mentioned from serial "a to g" and the documents should be binded to form a company profile with flags) and the Bid Security is fixed as Rs. 100,000.00 One Hundred Thousand & the Tender fee Rs. 3,000/- (non-refundable) in the shape of original Pay Order in favor of the Chief Accounts Officer, KPT and **both shall be sealed in the envelope of Technical Offer.**
  - a. Copy of latest NTN & SRB Certificates.
  - b. Online Tax verification (fresh copy of ATL).
  - c. Updated Company Profile.
  - d. Valid PEC Registration Certificate (copy)
  - e. Affidavit, that the firm is not defaulter in Income Tax Department nor blacklisted by any Organization.
  - f. Financial Stability Statement form Banker for last two years.
  - g. Relevant Work Experience (at least 02 completed projects).
4. Only the FBR & SRB Registered Bidders are eligible for bidding. Bidder has to quote their rates inclusive of all Govt. Taxes.
5. The intending Bidders may visit KPT, PPRA & MoMa Websites for any queries and download the Tender Documents.
6. The Financial Bid must be in a separate sealed envelope without any cutting erasing and all the quoted amount should be neatly / clearly mentioned in words and figures as well.
7. The Bid opening will take place in the Committee Room of the Engineering Department, at 2nd Floor KPT Head Office Building, Karachi at the given date & time.
8. The KPT may reject all the Bids or Proposals at any time prior to the acceptance of a Bid or Proposal. The KPT shall upon request communicate to any Supplier or Bidder who submitted a Bid or Proposal, the grounds for its rejection of all Bids or Proposals, but is not required to justify those grounds.

**Chief Engineer, Karachi Port Trust**  
 Head Office Building, Eduljee Dinshaw Road, Karachi-74000,  
 UAN-111-KPT-111, Ph: 99214318, Fax: 99214329-30  
 Also available at: [www.kpt.gov.pk](http://www.kpt.gov.pk) & [www.ppra.org.pk](http://www.ppra.org.pk)

27 x 2

DN\_747

Creation Date: 26-08-2020

## **T H E T E N D E R**

(Tenderers are required to fill in the blank spaces in this Tender Form and this attached Proforma "A")

To,

**The Chief Engineer,  
Karachi Port Trust,  
Karachi (Pakistan)**

### **Description of Work : REPAIRS OF DAMAGE DECK SLAB OF KPT FLY OVER AT KEAMARI.**

1. Having examined the **Drawings** General Conditions of the Contract Special Conditions of Contract (if any) Specification and Bill of Quantities for the construction of the above named-works, we the undersigned offer to construct complete and maintain the whole of the said works in conformity with the said Drawings. General Conditions of Contract. Special Conditions of contract (if any), Specification and Bill of Quantities for the sum of Rupees \_\_\_\_\_ (Rs \_\_\_\_\_) or such other sums as may be **ascertained** with the said Conditions.
2. If undertake if our Tender is accepted in whole or in part to commence the work within **07 days** of receipt of the Engineer's order to commence and to complete and deliver the whole of the Works compared in the Contract within **( 60 Days )** calculated from the last day of aforesaid period in which the works are to be commenced
3. If our Tender is accepted in Whole or in **part we** will furnish a Security Deposit for due performance of the Contract in accordance with Clause 9 of the General Conditions of Contract.
4. We agree to abide by this tender for a period of **(4 MONTHS)** from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before expiration of that period.
5. Unless and until a formal Agreement is prepared and executed this tender, together with your written acceptance thereof, shall constitute a binding Contract between us.
6. We understand that you are not bound to accept the lowest or any Tender you may receive and accept any Tender in part or in whole.

**( P.T.O. )**

7. We further agree to pay all cost towards the execution of the Contract Agreement including the cost of stamps.

8. We agree that should we withdraw the offer within the aforesaid period or fail to execute the formal contract Agreement and / or make the required Security Deposit the Board of Trustees of the Karachi Port Trust shall be at liberty at their absolute discretion to appropriate our **(Bid Security amount Rs.100,000/- Fixed bid)** either as agreed ;liquidated damages without any proof whatsoever of the extent of such damage or on account reserving to themselves the right to recover from us any further loss or expenses to which they may have been put directly or indirectly by reason of any failure on our parts as aforesaid.

9. We enclose a pay order for **Rs. 100,000.00** as Bid Security within favour of the Chief Accounts Officer, Karachi Port Trust and hold his receipt No. \_\_\_\_\_ dated \_\_\_\_\_

10 We agree to maintain the work in good order for a period of **12 Months** from the date of its Completion

Date: \_\_\_\_\_ TENDERER

Place: \_\_\_\_\_ (FULL SIGNATURE)

Signed by Mr. \_\_\_\_\_ for and on behalf of

Messers \_\_\_\_\_

Address \_\_\_\_\_



**CHIEF ENGINEER**

**K.P.T**

# KARACHI PORT TRUST

## ENGINEERING DEPARTMENT

### PROFORMA "A"

(To be submitted with the Tender)

Particulars	Details
1. Experience as a Contractor	
2. Works carried out in the past with detailed cost particulars and the year in-which they were undertaken etc.	
3. Banker reference regarding Financial status	
4. Whether registered with any Other Department or Organization? if so, give details.	



**CHIEF ENGINEER**

**K.P.T**

PROFORMA "A"

Particulars	Details
5. Plant and equipment in possession (Give details with Cost)	
6. Technical personnel employed: give names and other details	
7. Is your firm registered?	
8. State capital of your firm?	
9. Detail of Income Tax Sales Tax Registration etc.	
10. Number of years of actual work carried out in Pakistan	
11. Attach attested copies of certificates of past work of the same nature carried out as that in this Tender.	

**SIGNATURE OF TENDERER**

Date \_\_\_\_\_

Signed by Mr. \_\_\_\_\_

Place \_\_\_\_\_

For and on behalf of \_\_\_\_\_

# KARACHI PORT TRUST

## ENGINEERING DEPARTMENT

### PROFORMA "A-1"

#### COMPOSITION & PARTICULARS OF THE TENDERING FIRM (To be submitted with the Tender)

Particulars	Details
NOTE: The information relevant to the tender should be given below, failing which the tender will not be considered.	
1. in case of Sole proprietorship Concern.  a) Business Address. b) Residential Address.	
2. In case of Partnership Concern.  a) Name of the Partners with their Residential Address.  b) Partnership Deed & Certificate of Registration. (Attach Certified Copies)	
3. In Case of Private Ltd. Company a) Name of all Directors with their Residential Address. b) Memorandum & Articles of association of the company & Certificate of incorporation. (Attach Printed, Certified Copies)	
4. in Case of Public Ltd. Company Memorandum and Articles of Association and Certificate, of incorporation (Attach Printed, Certified Copy)	

In submitting the above particular to further bind ourselves of furnishing to the K.P.T. any further changes our particulars and composition of our firm.

We clearly understand that failure we comply with the above or for submitting incorrect or inaccurate information, will render our tender invalid.



**CHIEF ENGINEER**

**K.P.T**

\_\_\_\_\_  
SIGNATURE & SEAL OF THE TENDERER

Signed By Mr. \_\_\_\_\_

for, & on behalf of \_\_\_\_\_



**KARACHI PORT TRUST**  
**ENGINEERING DEPARTMENT**

**DOCUMENTS TO  
BE RETURNED**

**NAME OF WORK: REPAIRS OF DAMAGE DECK SLAB OF KPT FLY OVER AT KEAMARI**

S.No	Description of Work	Unit	Rate	Quantity	Amount(Rs.)
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**Notes:-**

- a) After the completion of the work the contractor is required to clear away and remove from the site all construction plants, surplus material, rubbish, debris and temporary works of every kind etc. to the entire satisfaction of the Engineer. It may be noted that Contractors' account will not be finalized till such time a certificate to this effect is obtained from Executive Engineer and submitted to the Chief Engineer for his information
- b) The Contractor must ensure that the dismantled materials should be disposed in accordance with safety standards fixed by the civic agencies and specified environmental protection rules
- c) Debris dismantled materials, rubbish etc. should be disposed in such a way that it should not cause any pollution and shall not be source of harm to public.
- d) The tenderer must fill all the pages of Performa "A" & A-1" of tender documents, and ensure enclosing of the pay order for Earnest Money Equal to but not less than 2% of the bid amount, along with bid, failing which his bid will not be considered by KPT.
- e) The tenderers are advised to avoid cutting / over writing in B.O.Q. In case any cutting / over writing it should be properly re-write, sign and stamp otherwise, the tenders may not be considered.
- f) *"Only the FBR & SRB Registered Contractors are eligible for bidding, Contractor has to quote their rates inclusive of all Govt. Taxes".*
- g) *The execution of BOQ item No.03 & BOQ item No. 8 are to be done in accordance With The Specification attached as Annexure A.B.C*

**CHIEF ENGINEER**

**K.P.T**



CONSTRUCTION CHEMISTRY

## Expanmortar\* LA

Single component free flowing low alkali micro concrete

### Uses

The high fluid nature of Expanmortar\* LA obviates the need for compaction and vibration and are most suitable for:

- Repair zones with restricted access or congested reinforcement.
- Reinstatement of large, structural sections of concrete.
- Repairs to concrete effected by alkali-silica reaction.
- Areas where excellent chloride and carbon-di-oxide resistance is required

### Advantages

- Dual expansion system compensates for shrinkage in the plastic and hardened states
- Low alkali content minimizes risk of alkali-silica reaction
- Exceptional bond to concrete substrates without independent primer
- Suitable for placement by pumping or pouring techniques into restricted locations
- Self-compacting nature eliminates honeycombing and displaces air without vibration
- High strength and low permeability provide maximum protection against carbon-di-oxide and chlorides
- Pre-bagged to overcome site-batched variations only the site addition of clean water is required
- Contains no chloride admixtures

### Description

Expanmortar\* LA is supplied as a ready to use blend of dry powders which requires only the site addition of clean water to produce a free-flowing, shrinkage compensated micro-concrete suitable for large volume concrete repairs at nominal thicknesses in excess of 50mm.

### Specification

The fluid repair system (micro-concrete) shall be Expanmortar\* LA, a single component, low-alkali cement-based blend of powders to which only the site-addition of clean water shall be permitted. The micro-concrete shall exhibit compressive strength of not less than 45N/mm<sup>2</sup> at 7 days and not less than 60N/mm<sup>2</sup> at 28 days, Tensile strength of not less than 5 N/mm<sup>2</sup> at 28 days and Flexural strength of not less than 7N/mm<sup>2</sup> at

### Properties

The following typical results were obtained at water to powder ratio of 0.15 and temperature of 20°C.

Test method	Typical result
Permeability (DIN 1046 Part 5)	: < 10 mm
Flexural strength (BS 1881: Pt 117)	: > 7 N/mm <sup>2</sup> at 28 days
Compressive strength (BS 1881 Pt.116 1)	: > 33 N/mm <sup>2</sup> @3 days > 45 N/mm <sup>2</sup> @7 days > 60 N/mm <sup>2</sup> @28 days

Initial Water Absorption : 0.05ml/(m<sup>2</sup>.sec)  
Test (BS 1881 Pt. 208)

Note:- The low permeability of Expanmortar\* LA retards chemical attack in aggressive environments. The cured micro-concrete is resistant to acid gases, chloride ions, oxygen and water. For specific data regarding chemical resistance, contact the local Expanchem Fospak office.

### Design criteria

Expanmortar\* LA is designed for large volume repairs typically in excess of 50mm deep. The product can be applied at sections generally upto 150 mm thick although greater thicknesses may be achievable dependent on the repair geometry. Attention to the basic design criteria given below should ensure that the full benefits of this technology are gained in use:

(i) Water addition 2.70 - 3.20 ltr/20kg bag Under no circumstances should part bags be used or additional water be employed. Either of these two actions will adversely affect material performance, automatically invalidating Expanchem's standard product guarantee.

### Method Statement

Refer to your local Expanchem Fospak office for the method statement specifying surface preparation, priming, mixing, application and clearing methods.

**CHIEF ENGINEER**

**K.P.T**






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**Estimating**
**Supply**


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**Expansmortar® LA** : 20kg bags
 

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**Coverage**

Actual coverage rate is approximate, and will be wholly dependent upon the general substrate condition. It is recommended, therefore, that site trials over a typical area are conducted to determine the likely usage/coverage rates for a particular substrate.

**Yield**


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**Expansmortar® LA** : 10 liters / 20 kg bag
 

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**Limitations**

Expansmortar® LA should not be used when the ambient temperature is below 5 ° C and falling.

Expansmortar® LA should not be part mixed.

Expansmortar® LA should not be exposed to running water either during application or prior to final set.

**Storage**
**Shelf life**

Expansmortar® LA has a shelf life of 12 months; if kept in a dry environment, in its original, unopened packing. If stored in conditions of high humidity and/or temperature, the shelf life of Expansmortar® LA will be reduced to as little as 4 months.

**Precautions**
**Health and safety**

Expansmortar® LA contains cement powders which, when mixed with water or upon becoming damp, release alkalis which can be harmful to the skin. During use, avoid inhalation of the dust and contact with the skin or eyes. Wear suitable protective clothing - eye protection, gloves and respiratory equipment (particularly in confined spaces).

The use of barrier creams to provide additional skin protection is also advised. In case of contact with the skin, rinse with plenty of clean water, then cleanse thoroughly with soap and water. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

**Fire**

Expansmortar® LA is non-flammable and thus presents no fire hazard. For further information, please refer to the Product Material Safety Data Sheets.

\* Denotes the trademark registered.

**CHIEF ENGINEER**

**K.P.T**



#### REGIONAL SALES OFFICES IN PAKISTAN:

##### Fospak (Pvt) Ltd.

##### Head Office

702, Business Avenue,  
Block-6, PECHS, Shuhra-e-Faisal,  
Karachi, Pakistan.  
Tel # +92-21-34528477, 34529659  
Fax # +92-21-34522436  
Email : info.khi@fospak.com.pk

##### Lahore Sales Office

2nd Floor Sarwar Shaheed Plaza,  
Cavalry Ground,  
Main Boulevard, Lahore Cantt,  
Lahore, Pakistan.  
Tel # +92-42-36675773  
Fax # +92-42-36675838  
Email : info.lhr@fospak.com.pk

##### Rawalpindi Sales Office

1st Floor,  
Al-Haramain Plaza,  
Main Murree Road,  
Rawalpindi, Pakistan.  
Tel # +92-51-39290592  
Fax # +92-51-39290590  
Email : info.isb@fospak.com.pk

##### Important note

Expancher Fospak products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Expancher Fospak endeavours to ensure that the technical information on this data sheet is correct at the time of printing, it is the customer's responsibility to satisfy himself, by checking with the company that this information is still current at the time of use, that the product is suitable for the intended application, and that the actual conditions of use are in accordance with those recommended. Because Expancher Fospak has no control over the conditions of use of its products, all recommendations or suggestions regarding the use of these products are made without guarantee.

[www.fospak.com](http://www.fospak.com)

**CHIEF ENGINEER**

**K.P.T**

Case -Id

**REPAIRS OF DAMAGE DECK SLAB OF KPT FLY OVER AT KEAMARI**

Plan #

Dated :

**S.No.** **Ref.** **Item Description** **Unit** **Rate** **Rate in Words** **Quantity** **Amount**

**MAINTENANCE WORK - A**

1.	Break out and dispose of all loose concrete from the designated portion of deck slab. A chisel and hammer shall be used in cutting the loose concrete. In no case, jack hammer or any high energy machine shall be used for cutting the concrete.	Lump Sum				-	
2.	Providing & laying c40 grade concrete in 8" thickness in deck slab of span 5 including from work. Mixing transportation, placing in position, vibrating, compacting, removal of from work and curing etc. complete in all respect as per sketch. KPT/eel/002, specifications and to the approval of the engineer.	M <sup>3</sup>				4.5	
3.	Providing & laying ready mix expendable concrete c40 grade (Fospak or equivalent) in 8" thickness in deck slab of span 5 including from work. Mixing transportation, placing in position, vibrating, compacting, removal of from work and curing etc. complete in all respect as per sketch. KPT/eel/002, suppliers specifications and to the approval of the engineer.	M <sup>3</sup>				1.25	
4.	Cleaning all the exposed reinforcement bars of deck slab with the help of wire brush in order to make them rust free and to bring them into a bare metal form. Painting the re-bars with anticorrosive zinc rich paint.	Lump Sum				-	
5.	Providing and laying high yield deformed steel bars (60,000 psi) to replace any damaged to broken steel reinforcement bars. This includes the cost of straightening cutting, bending wastage, tying with binding wire of 18 gauge, providing and fixing steel chairs, pins, spacer bars, rolling margin, unspecified laps, concrete cover blocks, etc. complete in all respected to the approval of the Engineer.	kg				600	
6.	Providing and laying 50mm Thick asphaltic concrete for wearing coarse (class-A), NHA Specification.	M <sup>2</sup>				25	

# B. O. Q. ITEMS

REPAIRS OF DAMAGE DECK SLAB OF KPT FLY OVER AT KEAMARI

Plan #

Dated :

<u>S.No.Ref.</u>	<u>Item description</u>	<u>Unit</u>	<u>R a t e</u>	<u>Quantity</u>	<u>Amount</u>
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## RETAINING WALL REPAIRING- B

7.	To remove all the loose concrete from the damage areas of retaining wall and clean all the Cleaning all the exposed reinforcement bars of retaining wall with the help of wire brush in order to make them rust free and to bring them into a bare metal form. Painting the re-bars with anticorrosive zinc rich paint.	M <sup>2</sup>		35	
8.	Repairing the retaining wall with ready mix expendable concrete c40 grade (Fospak or equivalent) in varying thickness including from work. Mixing transportation, placing in position, vibrating, compacting, removal of from work and cutting etc. complete in all respect as per suppliers specifications and to the approval of the engineer.	M <sup>2</sup>		35	

**Note:** The contractor will ensure proper QEHS and PPE to followed during repair works. Special measure beneath the flyover shall taken to avoid any mishap.

**Sub TOTAL (a +b)= Rs.**

**ADD 13% SRB =**

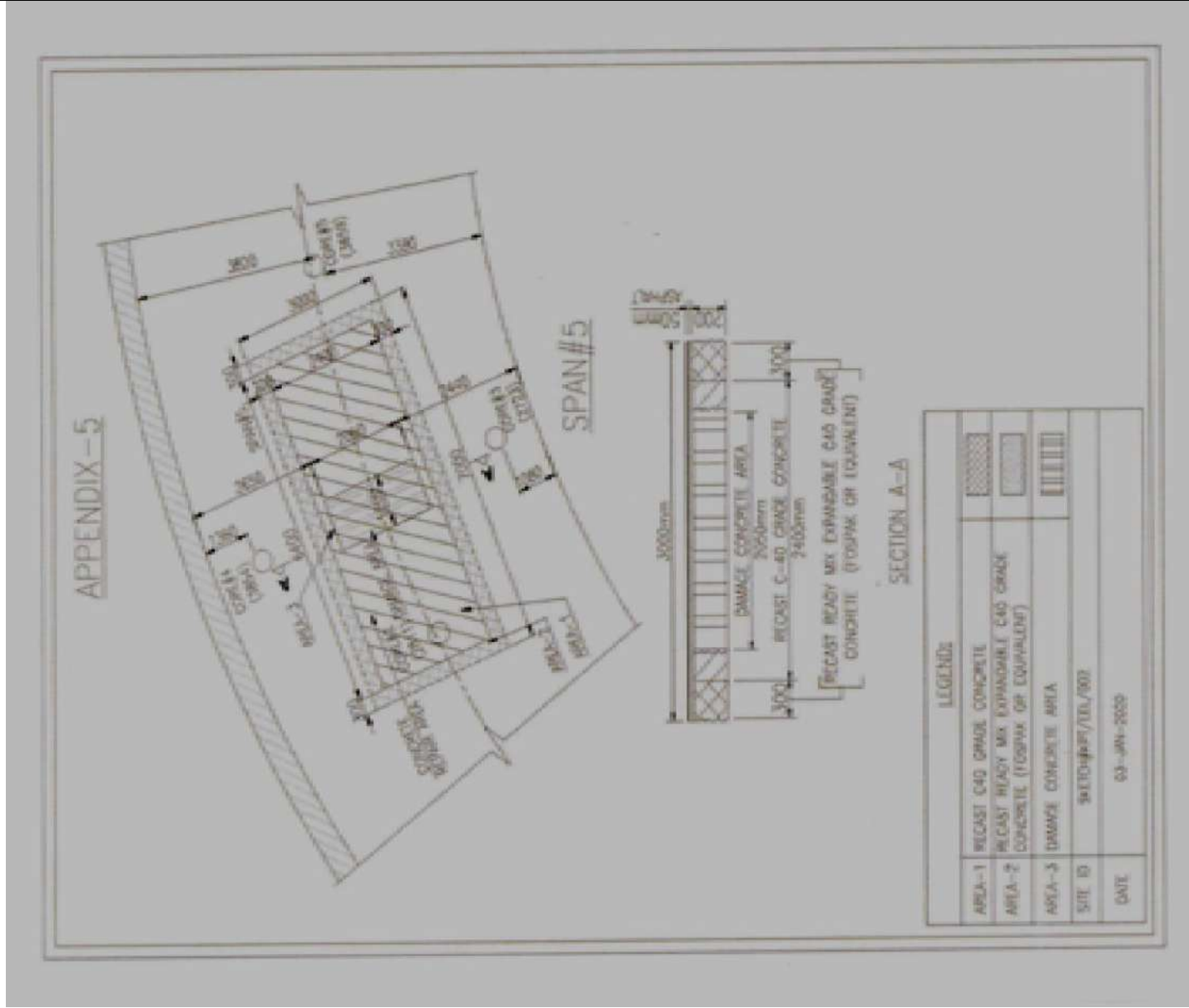
**G. TOTAL (A+B)**

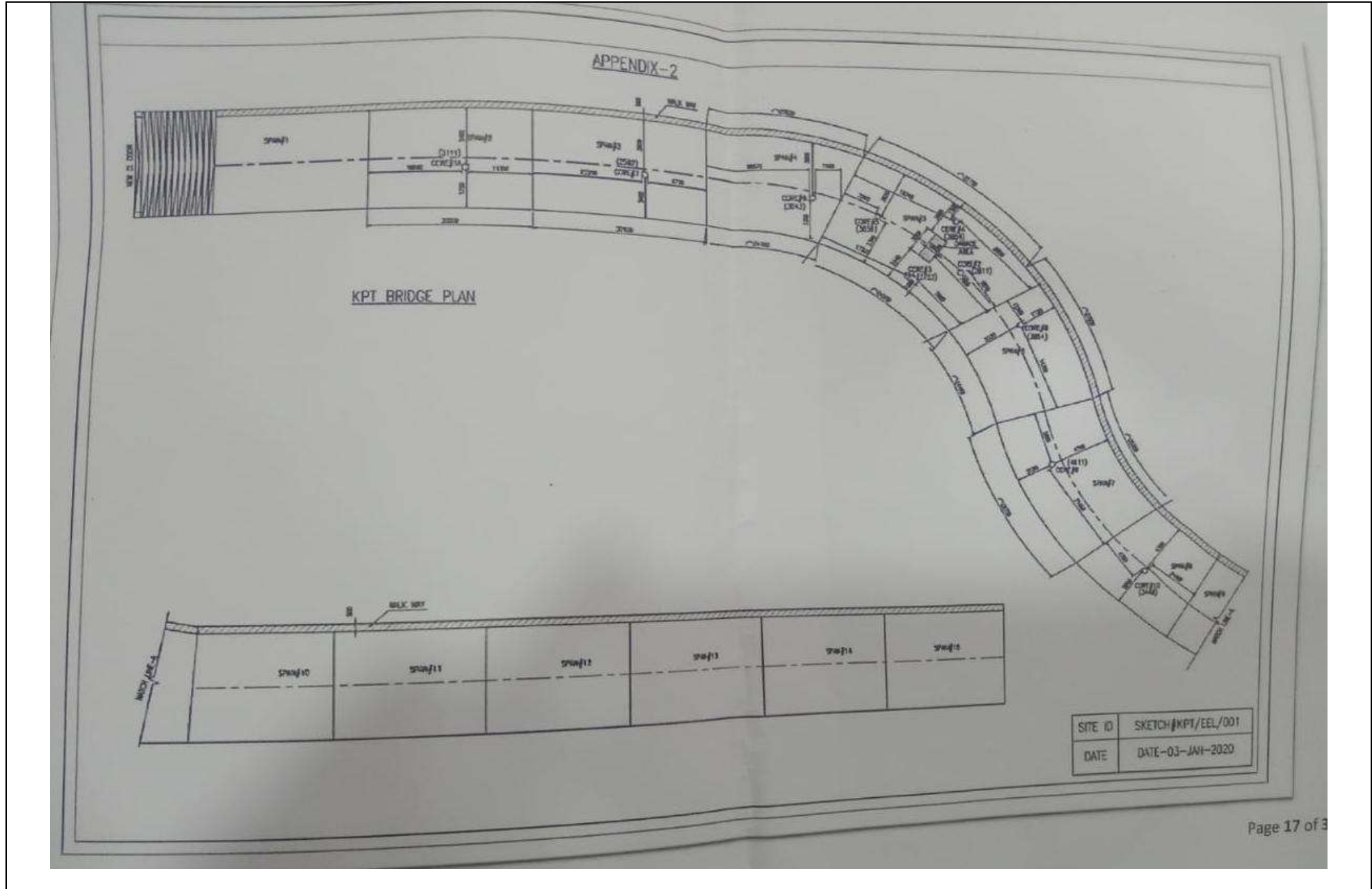
**Say Rs.**



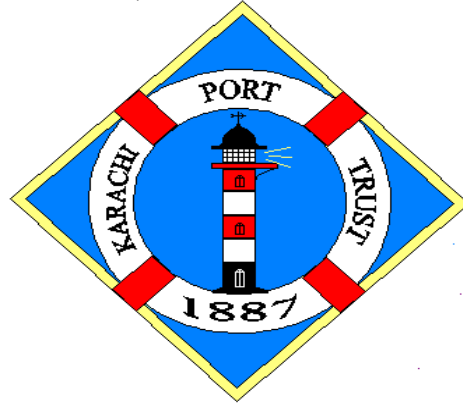
**CHIEF ENGINEER**

**K.P.T**





**KARACHI PORT TRUST**  
**ENGINEERING DEPARTMENT**



Name of Work REPAIRS OF DAMAGE DECK SLAB OF KPT FLY OVER AT KEAMARI.

**GENERAL CONDITIONS OF  
CONTRACT**

  
Executive Engineer (South)  
KARACHI PORT TRUST

**The General Conditions of Contract have been approved by the Board of Trustees of Karachi Port Trust Under their Resolution No.21, dated 9<sup>th</sup> April, 1958 for adoptions of works. of Civil Engineering Construction**



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# General Conditions of Contract

## DEFINITIONS AND INTERPRETATION

1. (1) In the Contract (as hereinafter defined) the following words and expression shall have the meanings hereby assigned to them except where the context otherwise requires:-

- (a) **“Board”** means the Board of Trustees of the Port of Karachi, Pakistan, and includes the Board’s representatives of successors.
- (b) **“Contractor”** means the person firm or company whose Tender (as hereinafter defined) has been accepted by the Board and includes the Contractor’s personal representative successors and permitted assigns.
- (c) **“Engineer”** means the Chief Engineer of the Karachi Port Trust or other Engineer appointed from time to time by the Board.
- (d) **“Representative of Engineer”** means any Exertive Engineer appointed from time to time by the Board or the Engineer to perform the duties set forth in **Clause-2** hereof.
- (e) **“Works”** means the works to be executed in accordance with the Contract.
- (f) **“Contract”** means the conditions of Contract, Specification, Drawings, priced Bill of Quantities, Schedule of Rates and prices (if any) Tender and the Contract Agreement.
- (g) **“Contract Price”** means the sum named in the Tender subject to such additions there to or deductions there from as may be made under the provisions hereinafter contained.
- (h) **“Constructional Plant”** means all appliances things of whatsoever nature required in or about the execution completion or maintenance of the works or Temporary works (as hereinafter defined) but does not include materials or other things, intended to from or forming part of the permanent work.
- (i) **"Temporary Works"** means all temporary works of every kind required in or about the execution completion or maintenance of the Works.
- (j) **“Drawing”** means the drawing referred to in the specification and any modifications of such drawings approved in writing by the Engineer and such other drawing as may from time to time be furnished or approved in writing by the Engineer.
- (k) **“Site”** means the lands and other places on, under in or through which the works are to be executed or carried out and any other lands or places provided by the Board for the purposes of the Contract.
- (l) **“Approved”** means approved in writing including subsequent written confirmation of previous verbal approval and “approval” means approved in writing as aforesaid.
- (m) **“Tender”** means the offer tendered by the Contractor for the works governed by the Contract.

(2) Words importing the singular only also include the Plural and vice versa where the contents requires.

(3) The marginal headings or note in these General Condition shall not be deemed to be part thereof or be taken into consideration in the interpretation or construction thereof the Contract.

**Singular and Plural**

**Marginal Headings of Notes**

## REPRESENTATIVES OF THE ENGINEER

### Duties and Power of Representative of the Engineer.

2. The duties of the Representative of the Engineer are to watch and supervise the works and to test and examine any material to be used or workmanship employed in connection with the works. He shall have no authority to relieve the Contractor of any of his duties or obligations under the Contract nor except as expressly provided hereunder or else where in the Contract, to order any work involving delay or any extra payment by the Board nor to make any variation of or in the Works.

The Engineer may from time to time in writing delegate to the Representative of the Engineer any of the powers and authorities vested in the Engineer and shall furnish to the Contractor, a copy of all such written delegation of powers and authorities. Any written instruction or approval given by the Representative of the Engineer to the Contractor with the terms of such delegation ( but not otherwise) shall bind the Contractor and the Board though it had been given by the Engineer, provided always as follows :-

- (a) Failure of Representative of the Engineer to disapprove any work of material shall not prejudice the power of the Engineer there after to disapprove such work or materials and to order the pulling down removal or breaking up thereof.
- (b) If the Contractor shall be dissatisfied by reason of any decision of the Representative of the Engineer he shall be entitled to refer the matter to the Engineer who shall there upon confirm serve or vary such decision.

### ASSIGNMENT AND SUB- LETTING

### Assignment and sub- letting

3. The Contractor shall not assign or Sub-let the Contract or any part thereof or any benefit or interest therein or there under without the prior written consent of the Board.

3. (i) The Contractor shall not except, electrical portion of the work & Sui Gas installation work, which shall be got done through duly licensed & approved Sub-Contractors, assign or sub let the Contract or any part thereof or any benefit or interest therein or there under, without the prior written consent of the Board.

### ELECTRICAL WORKS

Electrification works will form part of all contracts for buildings to ensure god quality finished work, avoid, subsequent delay in completion of works occupation of building and divisions of responsibility between the main and electrical Contractor. The rain Contractor for Civil or Mechanical works may, however, employ an experier:c d, reputed and reliable electrical Sub-contractor for electrification works approved in advance by the K.P.T. (as per approved list of Electrical Contractors attached).

### EXTENT OF CONTRACT

### Extent Of Contracts

4. The Contract comprises the constructions, completion and maintenance of the works and except in so far as the Contract otherwise provides the provision of all labour materials, Constructional Plant. Temporary works and everything whether of temporary or permanent nature required in and for such construction completion and maintenance so far as the necessity for providing the same is specified in or reasonably to be inferred from the Contract.

### CONTRACT DOCUMENTS

### Documents manually Explanatory Drawing

5. The several documents forming the Contract are to be taken as mutually explanatory of one another and in case of ambiguities or discrepancies the same shall be explained and adjusted by the Engineer whose decision in this respect shall be final.

6. **Three (3) copies** of the approved drawings shall be furnished to the Contractor free of cost. The Contractor shall provide and make at his own expense any further copies required by him. At the completion of the Contract the Contractor shall return to the Engineer all drawings provided under the Contract.

### One Copy of Drawing kept on Site

One copy of drawings furnished to the Contractor as aforesaid shall be kept by the Contractor on the Site and the same shall at all reasonable times be available for inspection and use by the Engineer and the representative of the Engineer.

### Further Drawings and Instruction

7. The Engineer shall have full power and authority to supply to the Contractor from time to time during the progress of the works such further drawings and instructions as shall be necessary for the purpose of the proper and adequate execution and maintenance of the works and the Contractor shall carry out and be bound by the same.

### Contract Agreement

8. The Contractor shall within **Fourteen (14) days** after written notice of acceptance of the Tender has been posted to the Contractor enter into and execute a Contract agreement, (to be prepared at the cost of the Contractor) in the form annexed, with such modifications as may be necessary.

9. Unless otherwise agreed between the Board and the contractor the contractor shall within fourteen days after written notice of acceptance of the Tender has been posted to the Contractor and before the contract agreement is entered into and executed. Furnish. to the Board a security for the due fulfillment of the contract through pay order from a Scheduled Bank in cash with the Chief Accounts Officer, Karachi Port Trust amounting to a sum equal to five percent of the Contract Price. If the security deposit as aforesaid is made in cash it shall be optional with the Contractor to make the full deposit before entering into and executing the agreement or to deposit fifty per cent of the amount due at that time and the balance to be made up by deduction of five percent of the amount payable to the Contractor in each on-account bill or certificate.

**Security Deposit**

In the event of the Contractor failing to execute a formal Contract or to make a Security Deposit therefore in the manner aforesaid and in the period specified, the Board is entitled to appropriate any earnest money or initial deposit made by the Contractor with his Tender without prejudice to their right to claim any further loss or damage which may result to them by reason of the aforesaid defaults of the Contractor as if a Contract is actually executed for purpose of such claim.

**Contractor's Failure to Furnish Security Deposit**

10. The Contractor shall inspect and examine the Site and its surroundings and shall satisfy himself before submitting the Tender as to the nature of ground and sub-soil, the form and nature of the Site the quantities and nature of the work and materials necessary for the completion of the works and the means of access to the Site, the accommodation he may require and in general shall himself obtain all necessary information as to risk contingencies and other circumstances which may influence or affect his Tender.

**Inspection of Site**

11. The Contractor shall be deemed to have satisfied himself before tendering as to The correctness and sufficiency of his Tender for the Works and of the rates and prices stated in the priced Bill of quantities and the Schedule of rates ( if any ) which rates and prices shall except in so far & otherwise provided in the Contract cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the Works.

**Sufficiency of Tender**

12. The Contractor shall execute, complete and maintain the work in strict accordance with the Contract to the satisfaction of the Engineer and shall comply with the adhere strictly to the Engineer's Instruction and directions on any matter (whether mentioned in the Contract or not ) touching or concerning the work. The Contractor shall take instruction and direction only from the Engineer or (subject to the Limitations referred to in **Clause 2** hereof) from the Representative of the Engineer.

**Work to be to Satisfaction of Engineer.**

13. As soon as practicable after the acceptance of his Tender the Contractor shall if required submit to the Engineer for his approval a Programme showing the order of procedure and method in which he proposes to carry out the Works and shall whenever required by the Engineer or Representative of the Engineer furnish for his information particulars in writing of the Contractor's arrangements for the carrying out of the Works and of the Constructional Plant and Temporary Works which the Contractor intends to supply use or construct as the case the case may be. The submission to and approval by the Engineer or the Representative of the Engineer of such Programme or the furnishing of such particulars shall not relieve the Contractor of any of his duties or responsibilities under the Contract.

**Programme to be furnished**

14. The Company shall give or provide all necessary Superintendence during the execution of the Works and as long thereafter as the Engineer may consider necessary for the proper fulfilling of the Contractor's obligations under the Contract the Contractor or a competent and authorized agent or representative approved of in writing by the Engineer (which approval may at any time be withdrawn is to be constantly on the Works and shall give his whole time to the Superintendence of the same. If such approval shall be withdrawn by the Engineer the Contractor shall as soon as practicable having regard to the requirements of replacing him as hereafter mentioned) after receiving written notice

**Contractor's Superintendence**

such withdraw remove the agent from the Site and shall not thereafter employ him again on the Site in any capacity and shall replace him by another agent approved by the Engineer. Such authorized agent representative shall receive on behalf of the Contractor and directions instructions from the Engineer or (subject to the Limitations of **Clause 2** hereof) Representative of the Engineer.

15. (1) The Contractor shall provide and employ on the Site in connection with the execution and maintenance of the works :-

(a) Only such technical assistants are as skilled and experienced in their respective callings and such sub-agents foremen and leading hands as are competent to give proper supervision to the work they are required to supervise.

(b) Such skilled semi- skilled and unskilled labour as is necessary for the proper and timely execution and maintenance of the Works.

(2) The Engineer shall be at liberty to object to and require the Contractor to remove forthwith from the work any person employed by the Contractor in or about the execution or maintenance of the Work who in the option of the Engineer misconducts himself or is incompetent or negligent in the proper opinion of his duties or whose employment is otherwise considered by the Engineer to be undesirable and such person shall not be again employed upon the works without the written permission of the Engineer. Any person to be removed from the Works shall be replaced without delay by a competent substitute approved by the Engineer.

(3) The Contractor shall if required by the Engineer deliver to the Engineer or Representative of the Engineer returns in such form and at such intervals as the Engineer may prescribe showing in detail the supervisory staff and the number of the several classes of labour from time to time employed by the Contractor on the Site.

16. The Contractor shall be responsible for the true and proper setting out of the work and for the correctness of the position levels dimensions and alignment of all part of Works and for the provision of all necessary instruments appliances and labour in connection therewith. If at any time during the progress of the Works any error shall appear or arise in the position level dimensions or alignments of any part of the works, the Contractor on being required to do so by the Engineer or Representative of the Engineer shall at his own expense rectify such error to the satisfaction of the Engineer or the Representative of the Engineer. The checking of any setting out or any line or level by the Engineer or Representative of the Engineer shall not in any way relieve the Contractor of his responsibility for the correctness thereof and the Contractor shall carefully protect and preserve all bench-marks, Site- rails pegs and other things used in setting out the Works.

17. The Contractor shall in connection with the Works provide and maintain at his own cost all light, guards fencing and watching when and where necessary or required by the Engineer or the Representative of the Engineer or by and duly constituted authority for the protection of the Works or for the safety and convenience of the public or others.

18. (a) From the commencement to the completion of the Works the Contractor shall take full responsibility for the care thereof and of all Temporary works and in case any damage loss or injury shall happen to the work or of any part thereof or to any Temporary Works from any cause whatsoever ( save and except the excerpted risks as defined in **sub-Clause (2)** of this **Clause**) shall at his own cost repair and make good the same so that at completion the works shall be in good order and condition and in conformity in every respect with requirements of the Contract and the Engineer's instructions. The Contractor shall also be liable for any damage to the Works occasioned by him in the course of any operations carried out by him for the purpose of complying with his obligation under **Clause 4** hereof.

(b) The "**Excepted risk**" are war, hostilities (whether war be declared or not ) Invasion, act of foreign enemies , rebellion, revolution, Insurrection of military or usurped power, civil war or (otherwise than among the Contractor's own Employee) riot, commotion or disorder or the use or occupation by the Board of any portion of the Works

**Contractor's  
Employees**

**Setting Out**

**Watching and  
Lighting**

**Care of Works**

**Excepted Risks**

in respect of which a Certificate of Completion has been issued or any such operation of the forces of nature as reasonable foresight and a ability on the part of the Contractor could not foresee or reasonably provide against (all of which are herein collectively referred to as “the excepted risks.”)

19. The Contractor shall (except if an so far as the Specification Provides otherwise)

indemnity and keep indemnified the Board against all asses and claims for injuries of damage to any persons or any property whatsoever (other than surface or other damage to land being or corps being on the Site suffered by tenants or occupier) which any arise out of or in consequence of the construction and maintenance of the work and against all claims demands proceedings damage, cost charges and expenses whatsoever in respect of or in relation thereto

20. The Board shall not be liable for or in respect of any damages or compensation payable at law in respect or in consequence of any accident or injury to any Workman

or other person in the employment of the Contractor or any sub-contractor and the Contractor shall indemnify and keep indemnified the Board against all such damages compensation and against claims demands proceedings costs charges and expenses whatsoever in respect thereof or in relation thereto.

21. The Contractor shall give all notices and pay all fees required to be given or paid by any National or state statute Ordinance or other Law or any Regulation or Bye- law of any local or other duly constituted authority to relations to the execution of the Works or of any Temporary Works and by the rules and regulations of all public bodies and companies whose property or rights are affected or may be affected in any way by the Works or any Temporary Works.

The Contractor shall conform in all respects with the provisions of any such StatueOrdinance or Law as aforesaid and the Regulations or Bye-Law of any local or other duly With constituted authority which may be applicable to the Works or to any temporary Works and with such rules and regulations of public bodies and companies as aforesaid and shall keep.

The oard Indemnified against all penalties and liabilities of every kind for breach of any such statue Ordinance or Law Regulation or Bye-Law.

22. All fossils coins articles of value or antiquity and structures and other remains or things of geological of archaeological interest discovered on the Site of the Works shall as between the Board and Contractor be deemed to be the absolute property of the Board and the Contractor shall take reasonable precautions to prevent his workmen or any other persons from removing or damaging any such article or thing and shall immediately upon discovery thereof and before removal acquaint the Representative of the Engineer of such discovery and carry out the expense of the Board Representative of the Engineer or orders as to the disposal of the same.

23. The Contractor shall save harmless and indemnify the Board from and against all claim and proceedings for or on account of infringement of any patent rights any design trade-mark or name or other protected rights in respect of any constructional Plant machine work or material used for or in connection with the Works or Temporary Works or any of them and from and against all claims demands proceedings damages cost charges and expense whatsoever in respect thereof or in relation there to except where otherwise specified the Contractor shall pay all tonnage and other royalties rent and other payments or compensation (if any ) for getting stone, sand , gravel clay or other materials required for the Works Temporary Works or any of item.

24. The Contractor shall in accordance with the requirements of the Engineers afford all reasonable opportunities for carrying out their work to any other Contractors employed by the Board and their workmen and the workmen of the Board and of any other duly constituted authorities who may be employed in the execution on or near the Site of any work not included in the Contractor of any Contract which the Board may enter into in connection with or ancillary to the works.

25. Except where otherwise specified the Contractor shall at his own expense supply and provide all the Constructional plant. Temporary Works Materials both for temporary

**Damage to  
Persons and  
Property**

**Accident or  
Injury to  
workman**

**Giving Of Notices  
and Payment Of  
Fees**

**Fossils, etc**

**Patent Rights and  
Royalties**

**Opportunities  
for other  
Contractor's**

**Supply of Plant  
Materials and  
Labour**



and for permanent works labour (Including the supervision thereof) transport to or from the Site and in and about the work and other things of every kind required for the construction completion and maintenance of the works.

**Clearance of Site on Completion**

26. On the completion of the work the Contractor shall clear away and remove from the Site all constructional plant surplus material rubbish and Temporary works of every kind and leave the whole of the Site and works clean and in a workman like condition to the satisfaction of the Engineer.

**LABOUR**

**Hours of Employment and payment of Wages  
Return of Labour  
Etc.**

27. The Hours of Employment Regulation and payment of Wages Act so far these are applicable to the Contractor's labour shall be adhered to by the Contractor.

28. The Contractor shall if required by the Engineer deliver to the Representative of the Engineer or at his office a return in detail such form and at such Intervals as the Engineer may prescribe showing the number of the several classes of labour from time to time employed by the Contractor on the Site and such information respecting Constructional plant as the Representative of the Engineer may require

**WORK MATERIAL AND PLANT**

**Quality of Material and workmanship and Tests**

29. (1) All Materials and workmanship shall be of the respective kinds described in the Contract and in accordance with the Engineer's Instructions and shall be subjected from time to time to such test as the Engineer may direct at the place of manufacture or fabrication on the Site or at all or and of such place. The Contractor shall provide such assistance Instruments, machines, labour and materials as are normally required for examining measuring and testing any work and the quality, weight or quantity of any material used and shall supply samples of materials before incorporation in the works for testing as may be selected and required by the Engineer.

**Cost of samples  
Cost of Test**

(2) All samples shall be supplied by the Contractor at his own cost.

(3) The cost of making all tests specified in the Contract shall be borne by the Contractor.

**Access to Site**

30. The Engineer and any person authorized by him shall at all times have access to the works and to the Site and to all workshops and places where work is being prepared or whence materials, manufacture articles, or machinery are being obtained for works, and the Contractor shall afford every facility for and every assistance in or obtaining the right to such access.

**Examination of Work Before Covering Up**

31. No work shall be covered up or put out of view without approval of the Engineer or the Representative of the Engineer and the Contractors shall afford full opportunity for the Engineer or the Representative of the Engineer to Examine and measure any work which is about to be covered up or put out of view and to examine foundation before permanent work is placed thereon. The Contractor shall give due notice to the Representative of the Engineer whenever any such work or foundations if are ready or about to be ready for examination

**Removal of Improper Work and materials**

32. (1) The Engineer shall during the progress works have power to order from time to time.

(a) The removal from the Site within such time or time as may be specified of any materials which in the opinion of the Engineer are not in accordance with the Contract.

(b) The substitution of proper and suitable materials and

(c) The removal and proper re-execution (not-with-standing any previous test thereof or interim payment therefore) of any work which in respect of materials or workmanship is not In the opinion of the Engineer in accordance with the Contract.

**Default of Contractor In compliance**

(2) In case of default on the part of the Contractor in carrying out such order the Board shall be entitled to employ and pay other person to carry out the same and all expenses consequent thereon or incidental thereto shall be borne by the Contractor and

shall be recoverable from him by the Board or may be deducted by the Board from any monies due or which may become due to the Contractor.

33. The Contractor shall on the written order of the Engineer suspend the progress of the Works or any part thereof for such time to times and in such manner as the Engineer may consider necessary and shall during such suspension properly protect and secure the Work so far as is necessary in the opinion of the Engineer. The Extra cost (if any) incurred by the Contractor in giving effect to the Engineer's Instructions under this **Clause** shall be borne and paid by the Board unless such suspension is:-

- (a) Otherwise provided for in the Contract or
- (b) Necessary for the proper execution of the Works or by reason of weather conditions affecting the safety or quality of the Works or by some default on the part of the Contractor or.
- (c) Necessary for the safety of the Works or any part thereof. Provided that the Contractor shall not be entitled to recover any such extra cost unless he gives notice in writing of his intention of claim to the Engineer within **28 days** of the Engineer's order. The Engineer shall settle and determine the extra payment to be made to the Contractor in respect of such claim as the Engineer shall consider fair and reasonable.

**Suspension of Works**

**COMMENCEMENT TIME AND DELAYS**

34. The Contractor shall commence the Work on Site within the period named in the tender after the receipt by him of any order in writing to this effect from the Engineer and shall proceed with the same with the due expedition and without delay except as may be expressly, sanctioned or ordered by the Engineer or be wholly beyond the Contractor's control

**Commencement of Works**

35. (1) Save in so far as the Contract may prescribe the extent of options of the Site of which the Contractor is to be given possession from time to time and the order in which such portions shall be made available to him and subject to any requirement in the Contract as to the order in which the Works shall be executed, The Engineer will with the written order to commence the Works, give to the Contractor possession of so much of the Site as may be required to enable the Contractor to commence and proceed with the construction of the Works in accordance with the programme referred to in **Clause 13** hereof (if any) and otherwise in accordance with such reasonable proposals of the Contractor as he shall by notices in writing to the Engineer make and will from time to time as the Works proceed give to the Contractor possession of such further portions of the Site as may be required to enable the Contractor to proceed with the construction of Works with due despatch in accordance with the said programme or proposals (as the case may be).

**Possession of Site**

(2) The Contractor shall bear all expenses and charges for special or temporary way leaves required by him in connection with access to the Site. The Contractor shall also provide at his own cost any additional accommodation outside the Site required by him for the purpose of the Works.

**Way Leaves Etc  
Time for  
Completion**

36. Subject to any requirement in the specification as to completion of any portion of the Works before completion of the whole of the Works the Works shall be completed within the time stated in the tender calculated from the last day of the period named in the tender as that within which the Works are to be commenced or such extended time as may be allowed under **Clause 37** hereof.

37. Should the amount of extra or additional Work of any kind or other special circumstances of any kind whatsoever which may occur be such as fairly to entitle the Contractor to an extension of time for the completion of the Work the Engineer shall determine the amount of such extension provided that the Engineer is not bound to take into account any extra or additional Work or other special circumstances unless the Contractor has, within **28 days** after such Work has been commenced or circumstances have arisen or as soon thereafter as is practicable delivered to the representative of the Engineer full and detailed particulars of any claim to extension of time to which he may consider himself entitled in order that to such claim may be investigated at the time

**Extension of Time for  
Completion**

38. (1) The whole of the materials plant and labour to be provided by the Contractor under **Clause 4** hereof and the mode, manner and speed of execution and maintenance the works are to be of kind and conducted in a manner approved of by the Engineer. Should the rate of progress of the Works or any part thereof be at any time in the opinion of the Engineer too slow to ensure the completion of the Works by the prescribed time or extended time for completion, the Engineer shall so notify the Contractor in writing and the Contractor shall thereupon take such steps as the Contractor may think necessary and the Engineer may approve to expedite progress so as to complete the Work by the prescribed time or extended time for completion. If the work is not being carried on by day and by night and the Contractor shall request permission to work by night, as well as by day then if the Engineer shall grant such permission, the Contractor shall not be entitled to any additional payment for so doing.

(2) Notwithstanding anything contained hereto in the event of the rate of progress of the Works. being such that in the opinion of the Engineer Works cannot be completed by of

**Termination  
Contract for**

slow Progress the prescribed time or the extended time; the Engineer may have the works constructed, completed through any other agency either concurrently with or independently of the Contractor at the risk and cost of the Contractor or the Engineer may supplement the Contractors labour plant equipment and materials at the Contractor's cost and risks and in all such cases provisions of Clause 39 hereof shall apply. Further the Board shall have the power to terminate the Contract and withhold payment to the Contractor till the whole of the Works have been constructed, completed and maintained in the manner laid down in the Contract and the Contractor shall be liable for any loss or damage which the Board may sustain on that account and for forfeiture the provision Clause 56 and 57 hereof shall apply.

Liquidated Damages for Delay 39.If the Contractor shall fail to complete the works within the time prescribed by Clause No.36 hereof, or extended time, when the Contractor shall pay to the Board a sum of **Rs.13,000/- (Rupees Thirteen Thousand Only)** as liquidated damages for such default and not as penalty for every week or part of a week which shall elapse between the time prescribed by Clause No. 36 hereof or extended time as the case may be and the date of completion of the works, upto a maximum of 10% of the total value of the contract. The Board may without prejudice to any other method of recovery deduct the amount of such damages from any monies in the Board's hands due or which may become due to the Contractor. The payment or deduction of such damages shall not relieve the Contractor from his obligation to complete the works or from any other of his obligations and liabilities under the Contract, nor it will prejudice the Board's right to recover the actual amount of damages, which the Board may suffer on account of delay in completion of the works. Further more; the fact that the Board has not deducted any amount of liquidated damages during the execution of the works will not prejudice the Board's right either to deduct the same from the final bill or recover the same through recourse to law.

**(Approved under B. R. NO. 40, dated 23rd July,1969)**

Certificate of Completion of Works 40.As soon as in the opinion of the Engineer the works shall have been substantially completed and shall have satisfactorily passed any final test that may be prescribed by the Contract the engineer shall on receiving a written undertaking from the Contractor to finish any outstanding work during the period of Maintenance issue a Certificate of Completion in respect of the Works,the period of Maintenance of the Works shall commence from the date of and the Period of Maintenance of the such certificate. Provided that the Engineer may give such a certificate with respect to any part of the Works before the completion of the whole of the Works and shall upon the written application of the Contractor give such Certificate with respect to any substantial part of the Works which has been both completed to the satisfaction of the Engineer and occupied or used by the Board and when any such certificate is given in respect of a part of the Works such part shall be considered as completed and the Period of Maintenance of such part shall commence from the date of scuh certificate. Provided also that a Certificate of Completion given in accordance with the foregoing provisions of any part of the works occupied and used as aforesaid shall not be deemed to certify completion of any ground or surfaces requiring reinstatement unless such certificate shall expressly so state.

**MAINTENANCE & DEFECTS**

Definition of Period of Maintenance 41. (1)In these conditions the expression "Period of Maintenance" shall mean the period of maintenance named in the Tender calculated from the date of completion of the Works certified by the Engineer in accordance with Clause 40 hereof or in the event of more than one certificate having been issued by the Engineer under the said Clause from the respective dates so certified and in relation to the Period of Maintenance the expression "the Works shall be construed accordingly.

Execution of Work of Repair, Etc (2) To the intent that the Works shall at or as soon as practicable after the expiration of the Period of Maintenance be delivered upto the Board in as good and perfect a condition (fair wear and tear excepted) to the satisfaction Engineer as that in which they were at the commencement of the Period of Maintenance the Contractor shall execute all such work of repair, amendment, reconstruction, rectification and making good of defects, imperfections, shrinkates or other faults as may be required of the Contractor in writing by Engineer during the Period of Maintenance or within fourteen days after its expiration as a result of an inspection made by or on behalf of the Engineer.

Cost of Execution of Work of (3) All such work shall be carried out by the Contractor at his own expense if the necessity thereof shall in the opinion of the Engineer be due to the use of materials or Workmanship not in accordance with the Contract or to neglect or failure on the part of Contractor to comply with any obligation expressed or implied on the Contractor's part under the Contract. If in the opinion of the Engineer such necessity shall be due to any other cause the value of such Works shall be ascertained and paid for as if it were additional Works.

**Remedy on Contractor's Failure to carry out Work required**

(4) If the Contractor shall fail to do any such Work as aforesaid required by the Engineer the Board shall be entitled to carry out such Work by its own Workman or by other Contractor and if such Works is Work which the Contractor should have carried out at the Contractor's own cost shall be entitled to recover from the Contractor the cost thereof or may deduct the same from any monies due or that become due to the Contractor.

**ALTERATION, ADDITION AND OMISSIONS**

42. (1) The Engineer shall make any variation of the form quality of quantity of the Works or any part thereof that may in his opinion be necessary and for that purpose or if for any other reason it shall in his opinion be desirable he shall have power to order the Contractor to do and the Contractor shall do any of the following:-

- (a) Increase or decrease the quality of any Work included in the Contract
- (b) Omit any such Work
- (c) Change the character or quality or kind of any such Work
- (d) Change the levels, lines, position and dimentions of any part of the Works and
- (e) Execute additional Work of any kind necessary for the completion of the Works.

And no such variation shall in any way validate or invalidate the Contract, but the value (if any) of all such variation shall be taken into account in ascertaining the amount of the Contract price.

(2) No such variation shall be made by the Contractor without an order in writing of the Engineer, provided that no order in writing shall be required for increase or decrease in the quantity of any Work where such increase or decrease is not the result of an order given under his **Clause** but is the result of the quantities exceeding or being less then those stated in the Bill of Quantities. Provided also that if for any reason the Engineer shall consider it desirable to give any such order verbally, the Contractor shall comply with such order and any confirmation in writing of such verbal order given by the Engine whether before or after the carrying out the order shall be deemed to be an order, in writing within the meaning of this **Clause**

**Order of variation to be in writing**

43. (1) The Engineer shall determine the amount (if any) to be added to or deducted from the sum named in the tender in respect of any extra or additional Works done or Work omitted by his order. All such Work shall be valued at the rates set out in the Contract if in the opinion of the Engineer the same shall be applicable. If the Contract shall not contain any rates applicable to the extra or additional Work then reasonable prices shall be fixed by the Engineer

**Valuation of Variations**

(2) Provided that if the nature or amount of any omission or addition relative to the nature or amount of the whole of the Contract Work or to any part thereof shall be such that in the opinion of the Engineer the rate or price contained in the Contract for any item of the works is by reason of such omission or addition rendered unreasonable or inapplicable the Engineer shall fix such other rate or price as in the circumstances he shall think reasonable and proper

**Power of Engineer to Fix Rate**

**(3). REIMBURSEMENT FOR INCREASE IN PRICE OF SPECIFIED CONSTRUCTION MATERIALS DUTIES ETC.**

All Lump sum /prices and unit rates in the Contract are fixed and unchangeable. However, to cater for escalation KPT will reimburse the contractor, only in respect of the increase in prices of specified principal construction materials and as provided for below. All other increases, what-so-ever are deemed to have been assessed by the Contractor, entirely at his own risk, and catered for in his rates, and the contractor hereby unconditionally agree that he shall have no claims under this context.

The lump sum tender prices and unit rates, quoted against BOO items and as per specification, shall be based on the rates of materials, duties, taxes, royalties, octori charges, etc, and be in conformity with the laws, rules and regulations etc, of the Govt. applicable and/ or in force on the scheduled date of tender opening. Should there be any subsegnent increase in the above, whereby the contractors cost for executing the works are increasd, the Engineer will reimburse the Contractor only for the specific items listed below, For all other items or reasons the tender prices shall be deemed to already include all necessary provision for absorbing any possible cost increase, whatsoever, in supplies, performances and appertaining services, for finished work, complete in all respect.

Import duties, sales tax and applicable surcharge on imported materials utilized by the contractor for incorporation in the permanent works, provided increases are due to legislation or Government Notification.

Reinforcing steel bars and structural steel, cement and bitumen, provided increases are due to Govt. Notification or officially notified by the nationalised industries.

NOTE Contractor shall have to furnish to documentary evidence in Support of any such reimbursement for examination and approval of the Engineer.

## PROPERTY IN MATERIALS AND PLANT

**Plant Etc. the  
Property of the Board**

44. (1) All constructional plant, Temporary Works and materials provided by the Contractor shall when brought on to Site immediately be deemed to become the property of the Board and the Contractor shall not remove the same or any part thereof without the consent in writing of the Engineer. But the Engineer will permit the Contractor the exclusive use of all such constructional plant. Temporary Works and material in and for the completion of the Works until the happening of an event which gives right to the Board to exclude Contractor from the Site and proceed with the completion of the Works.

**Revesting of Plant,  
Etc.**

(2) Upon the removal of any such constructional plant, temporary Works or materials with consent as aforesaid the same shall be deemed to revest in and become the property of the Contractor and upon completion of the Works the remainder of the said constructional plant and temporary Works and any unused material provided by the Contractor shall be deemed to revest in and become the property of the Contractor who shall remove the same. If the Contractor fails to remove any of the said constructional plant, temporary Works or unused materials within such reasonable time after the completion of the Works as may be allowed by the Board then the Board may sell the same and shall after deducting from the proceeds the cost charges and expenses of and in connection with such sale pay the balance (if any) to the Contractor.

**Board not liable for  
Damage to plant Etc.**

(3) The Board shall not at any time be liable for loss or injury to any of the said constructional plant, Temporary Works, or materials.

**No Approval by  
Vesting**

45. The operation of the **Clause 44** shall not be deemed to imply any approval by the Engineer of the materials or other matters referred to therein nor shall it prevent the rejection of any such materials at any time by the Engineer

## MEASUREMENT

**Quantities**

46. The quantities set out in the Bill of Quantities are estimated quantities of the Work but they are not to be taken as the actual and correct quantities of the Works to be executed by the Contractor in fulfilment of his obligations under the Contract

**Work to be Measured**

47. The Engineer shall, except as otherwise stated, ascertain and determine by admeasurement the value in accordance with the Contract of Work done in accordance with the Contract. he shall when he requires any parts of parts of the Works to be measured give notice to the Contractor's agent or representative who shall forthwith attend or send a qualified agent to assist the Engineer or the representative of the Engineer in making such measurement and shall furnish all particulars required by the either of them. Should the Contractor not attend or neglect or omit to send such agent then the measurement made by the Engineer or approved by him shall be taken to be the correct measurement of the Works.

**Method of  
Measurement  
Use of provisional and  
Contingency items**

48. The Works shall be measured net notwithstanding any general or local custom except where otherwise specially describe or prescribed in the Contract

49. All the sums set out in the Bill of Quantities which shall be started to be provisional or for contingencies shall be used only at the direction and discretion of the Engineer and if not used either wholly or in part shall as to the amount not used be deducted from the Contract Price

**Item not monied**

50. All item not monied out in the Bill of Quantities shall be used at the direction and discretion of the Engineer and if used either wholly or in part shall as to amount used, added to the Contract price.

## CERTIFICATE AND PAYMENT

**Bill for On-account  
Payments**

51. (1) The Contractor shall submit to the representative of the Engineer during the execution of the Works on-account bill signed by the Contractor showing the quantities and values of the permanent Works done on the Site as soon as measurements have been recorded as per **Clause 47** hereof.

**Rates and Price**

(2) The rates and prices in such on-account bills shall be in accordance with those in priced Bill of Quantities so far as such rates and prices are applicable and on the approved rates and prices for other items or Work.

(3) The quantities in such on-account bills shall be in accordance with the agreed measurement recorded by the representative of the Engineer as per provision of **Clause 47** hereof.

**Quantities**

(4) The Contractor will be paid on the certificate of the Engineer the estimated Contract value of the permanent work executed and in addition such amount as the Engineer may consider fair and reasonable for any temporary Works for which separate amounts are provided in the Bill of Quantities subject so far as it applies to a retention of a percentage until the amount retained shall reach the amount of security deposit as per **Clause 9** hereof, after which time no further deduction or retention will be made.

**Advances**

(5) **ADVANCE PAYMENT FOR MOBILIZATION.**

Should the contractor so desire, the Engineer will effect certain advances payment to him, upto a maximum of 10 (ten) percent of the price of the contract after signing the agreement of Contract. This advance payment will be effected only for such contracts whose contract price exceeds the sum of As. 500,000/- (Rupees Five Lakhs only). Such advance shall exclusively be used for mobilization and purchase of constructional plant and materials for Temporary Works. A pre-requisite for these payments is, the submission of guarantees from first class bank registered in Karachi, and approved in advance by the K.P.T. The contractor shall supply the Engineer with pertinent vouchers, such as invoice shipping documents, etc. showing that the advance payments are used only for the above purpose.

Recovery of the above Mobilization Advance shall be made from Running Bills, at the rate of 20 (twenty) percent of the respective total amounts of each 'on-account' running bill due to the contractor. Such deduction will be continued till all advances are fully settled.

Bank Guarantee will be returned to the contractor after the respective advance payment has been recovered from the running Bills, and thus the advance discharged.

52. No certificate other than maintenance certificate referred into **Clause 53** hereof shall be deemed to constitute approval of any Work or other matter in respect of which it is issued or shall be taken as an admission of the due performance of the Contract or any part thereof or of the accuracy of an claim or deemed made by the Contractor by the Contractor or of additional or varied Work having been ordered by the Engineer nor shall any other certificate conclude or prejudice any of the powers of the Engineer.

**Approval only by Maintenance certificate**

53. The Contractor shall not be consider as completed until a maintenance certificate shall have been signed by the Engineer and delivered to the Board stating that the Works have been completed and maintained to his satisfaction. The maintenance certificate shall be given by the Engineer twenty **Eight (08) days** after the expiration of the period of maintenance (or if different period of maintenance shall become applicable different part of the Works the expiration of the latest such period) and full effect shall be given to the **Clause** notwithstanding any previous entry of the Works or the taking possession Working or using thereof or any part thereof by the Board. The security deposit of the Contractor shall be refunded after the maintenance certificate has been issued by the Engineer after deducting any sums which may become due from Contractor in terms of provision of **Clause 38 (2), 39 and 41 (4)** hereof.

**Maintenance certificate**

54. When the Engineer granted a certificate or certificates of completion of the whole of the Works under **Clause 40** hereof and when the Board has ascertained the estimated final sum due to the Contractor the Board shall after allowing for the amount all of previous on account bills and certificate and after allowing for all other payments due form the Contractor to the Board pay to the Contractor such a sum out of balance so calculated as remaining due to the Contractor as will leave to be retained by the Board a sum equal to the security deposit (see **Clause 9** hereof).

**Payment on Completion**

55. Unless otherwise agreed between the Board and the Contractor all payment to be made to the Contractor under this Contract shall be in Pakistani rupee currency.

**Currency of payment**

## **REMEDIES AND POWERS**

56. (1) If the shall become bankrupt or have a receiving order made against him or shall present his petition in bankruptcy or shall make an arrangement with or assignment in favor of his creditors or shall agree to carry out the Contract under a committee of Inspection of his creditors or (being a corporation) shall go into liquidation (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) or if the Contractor shall assign the Contract without the consent in writing of the Board first obtained or shall have an execution levied on the goods or if the Engineer shall certify in writing to the Board that in his opinion the Contractor.

**Forfeiture**

- (a) has abandoned the Contract or
- (b) without reasonable excuse has filed to commence the Works or has suspended the progress of the Works for **Ten (10) days** after receiving from the Engineer written notice to proceed or
- (c) has failed to remove materials from the Site or to pull down and replace Work for **28 days** after receiving from the Engineer written notice that the said materials or Work had been condemned and rejected by the Engineer under these conditions or
- (d) is not executing the Works in accordance with the Contract or is persistently or flagrantly neglecting to carry out his obligations under the Contract or

(e) Has to the detriment of good Workmanship or in defiance of the Engineer's instructions to the contrary sublet any part of the Contract?

Then the Engineer may after giving **14 days** notice writing to the Contractor enter upon the Site and the Works and expel the Contractor there from without hereby avoiding the Contract or releasing the Contractor from any of his obligations or liabilities under the Contract or affecting the rights and powers conferred on the Board of the Engineer by the Contract and may himself complete the Works or may employ any other Contractor to complete the Works and Board or such other Contractor may use for such completion so much of the constructional plant temporary Works or materials which have been deemed to become the property of the Board under the provision of the Contract as he or the Board may think proper and Board may at any time sell any of the said constructional plant, Temporary Works and used materials and apply the proceed or sale in or towards the satisfaction of any sums due which may become due to the Board from the Contractor under the Contract.

**Valuation at Date  
forfeiture**

(2) The Engineer shall as soon as may be practicable after any such entry and expulsion by the Board fix and determine or by or after reference to the parties or after such investigating or enquiries as he may think fit to make or institute and shall certify what amount (if any) had at the time of such entry and expulsion been reasonably earned by or would reasonably accrue to the Contractor in respect of work then actually done by him under the Contract and what was the value of any unused or partially used materials any Constructional Plant and any Temporary Works which have been deemed to become the property of the Board under the provisions of the Contract

**Payment after  
Forfeiture**

(3) If the Board shall enter and expel the Contractor under this **Clause** the Board shall not be liable to pay to the Contractor any money on account on the Contract until the expiration of the period of maintenance and thereafter until the cost of completion and maintenance damages for delay in completion (if any) and all other expenses incurred by the Board have been ascertained and the amount thereof certified by the Engineer the Contractor shall be entitled to receive only such sum or sums (if any) as the Engineer may certify would have been due to him upon due completion by him after deducting the said amount. But if such amount shall exceed the sum which would have been payable to the Contractor on due completion by him Contractor shall upon deemed pay to the Board the amount such excess and it shall be deemed a debt due to the Contractor to the Board and shall be recoverable accordingly.

**Urgent Repairs**

57. If by reason or any accident or failure or other event occurring to in or in connection with he Works or any part thereof either during the execution of the Works or during the period of maintenance any remedial or other Works or repair shall in the opinion of the Engineer or the Representative of the Engineer be urgently necessary for security and the Contractor is enable or unwilling at once to do such Work or repair as the Engineer may by his own or other Workmen do such Works or repair as the Engineer or the Representative of the Engineer may consider necessary. If the Works repairs so done by the Engineer is Works which in the opinion of the Engineer the Contractor was liable to do at his own expense under the Contract all cost and charges property incurred by the Board in so doing shall no demand be paid by the Contractor to the Board or may be deducted by the Board from any monies due or which may become due to the Contractor. Provided always that the Engineer or the Representative of the Engineer (as the case may be) shall as soon as after the occurrence of any such emergency as may be reasonable practicable notify the Contractor thereof in writing.

**Bribes Commission  
Etc.**

58. Any bribe commission gift or advantages given promised or offered by or on behalf of the Contractor or his partner, agent or servant or any one on his or their behalf to any officer, servant, representative, or agent of the Board or any person on its behalf in relation to the obtaining or to the execution of this or any other Contract with the Board shall in addition to any criminal liability which may incur subject the Contractor to cancellation of this and all other Contract and also to payment of any lose or damage resulting from such cancellation to the like extent as is provided in cases of forfeiture under **Clause 56** hereof and the Board shall be entitled to deduct the amounts so payable from any monies otherwise due to the Contractor under this or any other Contract.

Any question or dispute as to the commission of any offence under this **Clause** shall be settled by the Board in such manner as it shall think fit and sufficient and its decision shall be final and conclusive.

## **SETTLEMENT OF DISPUTES**

**Law Covering the  
Contract**

59. This Contract shall be governed by the law of Pakistan. Resort to court by either of the parties in respect of any dispute should be had only to an appropriate court within the limit of KARACHI

**DISCLOSURE CLAUSE FOR THE CONTRACTS OVER RS. 10 MILLIONS.**

60. (The Seller/Supplier) hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoP) through any corrupt business practice

Without limiting the generality of the foregoing (The Seller/Supplier) represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or including the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

(The Seller/Supplier) certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

(The Seller/Supplier) accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.

**Notwithstanding any rights and remedies exercised by GoP in this regard,**

(The Seller/Supplier) agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by (The Seller/Supplier) as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.



