

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA)

CONTRACT AWARD PROFORMA-I

(As Per Rule-47 of PP Rules, 2004)

To Be Filled and Uploaded on PPRA Website in Respect of All Public Contracts of Works, Services and Goods.

- NAME OF THE ORGANIZATION / DEPARTMENT. **Karachi Port Trust / Civil Works Division**
- FEDERAL / PROVINCIAL GOVT. **Federal Govt. (KPT Board of Trustees)**
- TITLE OF CONTRACT **REPAIR & REFIXING OF CONCERTINA & BARBED WIRE OF BOUNDARY WALL AT CENTRAL STORES DEPOT WEST WHARF.**
- TENDER NUMBER **TS531439E**
- BRIEF DESCRIPTION OF CONTRACT: **Dy. Manager Stores (CSD /CDY & MSD) West Wharf vide letter placed at (F/A) has informed that, barbed wire installed on the wall of CSD Store are in deteriorated condition and broken on some portions and needs to be replaced on urgent basis considering the prevailing security situation subjected contract is required to execute.**
- TENDER VALUE **Rs. 999,775.00**
- ENGINEER'S ESTIMATE (for civil Works only) **Rs. 969,963.00**
- ESTIMATED COMPLETION PERIOD. **30 Days**
- WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN? **NO**

➤ Advertisement: i) PPRA Website (Federal Agencies) (If yes, give date and PPRA's tender number) • Dated: 30-01-2024 • PPRA No. TS531439E ii) News Papers (If yes, give names of newspapers and dates)	Yes	No
	✓	
	Yes	No
		✓
➤ TENDER OPENED ON (DATE & TIME)	20-02-2024 at 1130 Hrs.	
➤ NATURE OF PURCHASE	Local	Int.
	✓	
➤ EXTENSION IN DUE DATE (If any)	Yes	No
		✓

➤	NUMBER OF TENDER DOCUMENTS SOLD	Not Known Uploaded on PPRA / KPT Websites	
➤	WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING/TENDER DOCUMENTS (If yes enclose a copy).	Yes	No
		✓	
➤	WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS. (If yes enclose a copy).	Yes	No
		✓	
➤	WHICH METHOD OF PROCUREMENT WAS USED: - (Tick one)		
	a) SINGLE STAGE - ONE ENVELOPE PROCEDURE		✓
	b) SINGLE STAGE - TWO ENVELOPE PROCEDURE		-
	c) TWO STAGE BIDDING PROCEDURE		-
	d) TWO STAGE - TWO ENVELOPE BIDDING PROCEDURE		-
➤	PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED WITH BRIEF REASONS (i.e. EMERGENCY, DIRECT CONTRACTING, NEGOTIATED TENDERING ETC.)		-
➤	WHO IS THE APPROVING AUTHORITY	General Manager (CW)	
➤	WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING.	Yes	No
			✓
➤	NUMBER OF BIDS RECEIVED	Single Bid Received	
➤	WHETHER THE SUCCESSFUL BIDDER WAS LOWEST BIDDER	Yes	No
		✓	
		Single Bid Received	
➤	WHETHER INTEGRITY PACT WAS SIGNED	Yes	No
			✓


 EXECUTIVE ENGINEER (NORTH)
 KARACHI FUKI TRUST

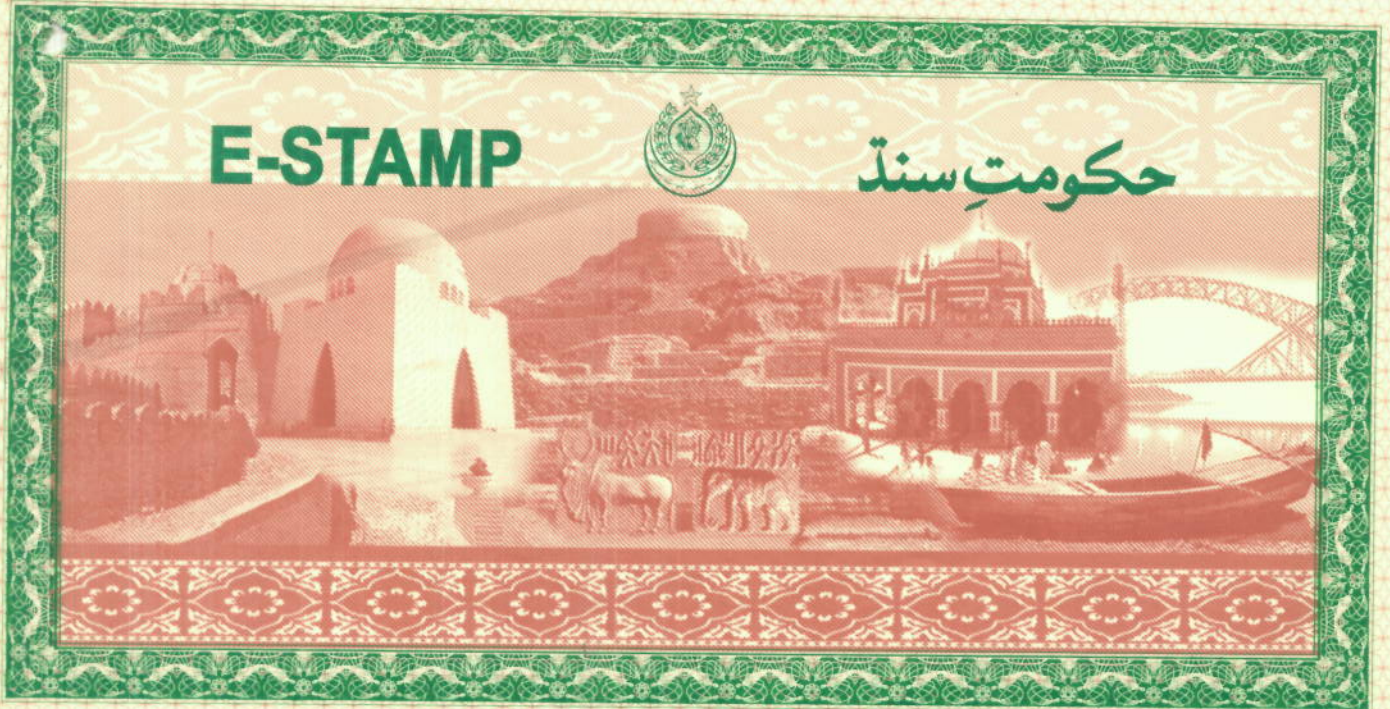
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA)
(As Per Rule-47 of PP Rules, 2004)

CONTRACT AWARD PROFORMA –II

To Be Filled And Uploaded on PPRA Website in Respect of All
Public Contracts of Works, Services & Goods

➤	NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS	Yes
➤	NAME AND ADDRESS OF THE SUCCESSFUL BIDDER	M/s. SAK Contractors B-13, Sharjah Shopping Mall Plot No. C-3, Sector 15 & 16, Gulistan-e-Mazdoor, Main Hub River Road <u>Karachi.</u> <u>Mob: 0321-2029345</u>
➤	RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (i.e. 1 st , 2 nd , 3 rd EVALUATED BID)	1st Evaluation Bid
➤	NEED ANALYSIS only the procurement was necessary?)	KPT Authorities is committed to Provide repair / maintenance of existing infrastructure
➤	IN CASE EXTENSION WAS MADE IN RESPONSE TIME, WHAT WERE THE REASONS (Briefly describe)	-
➤	WHETHER NAMES OF THE BIDDERS AND THEIR PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS	YES
➤	DATE OF CONTRACT SIGNING (Attach a copy of agreement)	04-06-2024
➤	CONTRACT AWARD PRICE	Rs. 999,775.00
➤	WHETHER COPY OF EVALUATION REPORT GIVEN TO ALL BIDDERS (Attach copy of the bid evaluation report)	Bid Evaluation Report under PPRA Rule-35 attached EV No. <u>EV59947</u>
➤	ANY COMPLAINTS RECEIVED (If yes result thereof)	NO
➤	ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE/ DOCUMENTS (If yes give details)	NO
➤	DEVIATION FROM QUALIFICATION CRITERIA (If yes give details)	NO
➤	SPECIAL CONDITIONS, IF Any (Give Brief Description)	-

A143142



NBP-0007-2405080004571799

GoS-KHI-B5C162A4BD63C720

Non-Judicial

Rs 3,500/-

Description	: Contract - 15(a)
Principal	: M/s SAK CONTRACTORS [17263227]
Contractor	: M/s SAK CONTRACTORS [17263227]
Applicant	: Sohail Ahmed [42301-1125305-3]
Stamp Duty Paid by	: M/s SAK CONTRACTORS [17263227]
Issue Date	: 08-May-2024, 12:51:27 PM
Paid Through Challan	: 2024197F1F6CBEEB
Amount in Words	: Three Thousand Five Hundred Rupees Only



AGREEMENT

This agreement made the _____ day of _____ 2024

Between the Board of Trustees of the port of Karachi incorporated under the Karachi Port Trust Act VI of 1886 as amended from time to time (hereinafter called the "Board") of the one part and and M/s. SAK Contractor, of B-13 Sharjah Shopping Mall Plot No. C-3 Sector 15 & 16, Gulistan-e-Mazdoor Main Hub River Road Karachi. (Hereinafter called the "Contractor") of the other part WHEREAS the Board is desirous that certain works should be constructed.

Viz REPAIR & REFIXING OF CONCERTINA & BARBED WIRE OF BOUNDARY WALL AT CENTRAL STORES DEPOT WEST WHARF. Sanctioned Amount of Rs.999,775.00 (Rupees Nine Hundred Ninety Nine Thousand Seven Hundred Seventy Five Only) and has accepted a Tender by the Contractor for the construction completion and maintenance of such Works AND WHEREAS the Contractor has already deposited with the Board the sum of Rs.25,000.00 (Rupees Twenty Five Thousand only) being 50% of Total security amount of Rs.50,000.00 the balance amount of Rs.25,000.00 will be deducted through their bill and has given to the Board a lien over sum as security for the due fulfillment of the contract NOW THIS AGREEMENT WITNESSETH as follows:



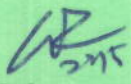
1. In this Agreement works and expressions shall have the same meanings as are respectively assigned to them in the Conditions of contract hereinafter referred to.
2. The following documents which for the purpose of identification have been signed by **Mr. Sohail Ahmed (Proprietor)** on behalf of the Contractor and by **Mr. Muhammad Waqar Azeem XEN(N)** (on behalf of the Board of Trustees KPT all of which shall be deemed to form and be read and construed as part of this agreement viz: -
 - a. Tender Notice.
 - b. Instructions for Tender.
 - c. The Said Tender with Performa "A" & A-1.alongwith Copy of L.O.I
 - d. The General Conditions of Contract.
 - e. The Specifications Part-I & II
 - f. The Schedule of Quantities with Preamble.
 - g. The Drawings No.12223 Dated:-06-04-2016
- 3 In consideration of the payments to be made by the Board to the Contractor as hereinafter mentioned the Contractor hereby covenants with the Board to construct complete and maintain the work in conformity in all respects with the provisions of the Contract.
- 4 The Board hereby covenants to pay the Contractor in consideration of the construction, completion and maintenance of the Works the Contract price in the manner prescribed by the Contract.
- 5 IN WITNESS WHERE OF the parties hereto have hereunto set their respective hands the day and year first above written.

SIGNED AND DELIVERED BY THE

General Manager (CW/E) on behalf of the Chairman / Board of Trustees of the Port of Karachi.

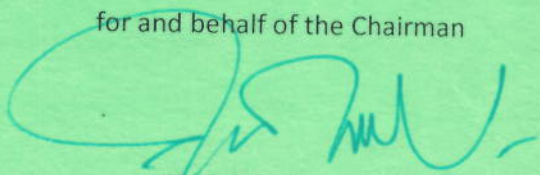
Signed by

In the Presence of


Muhammad Waqar Azeem
 Executive Engineer (N)
 CNIC # 42101-6661208-9



for and behalf of the Chairman


Zahid Hussain
 General Manager (CW)
 CNIC #42201-6078496-5
 General Manager,
 Civil Works / Port Trust,
 Karachi Port Trust
 KARACHI

And

Signed and Delivered by the with named Contractor M/s. SAK Contractor. Through their Proprietor Mr. Sohail Ahmed Proprietor.

Signed by

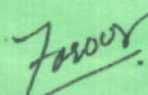
In the presence of




 Contractor
Mr. Sohail Ahmed. Proprietor
 CNIC#42301-1125305-3

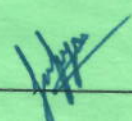
Witnesses:

1. Mr. Mohd Farooq Jinnah
 CNIC # 42301-1313475-7

Sig 

Witnesses:

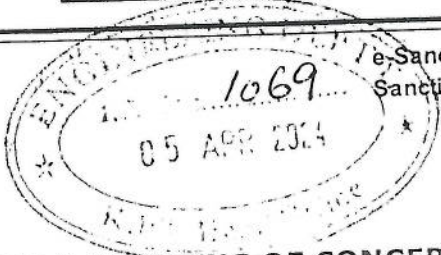
2. Mr. SUFYAN AHMED
 CNIC # 42301-3158951-9

Sig 

DP-11



KARACHI PORT TRUST FINANCE DEPARTMENT



e-Sanction #: SANC-FS/2024/21/22427
Sanction Date: 03-APR-24

~~CHIEF ENGINEER~~

SUB: REPAIR & REFIXING OF CONCERTINA & BARBED WIRE OF BOUNDARY WALL AT CENTRAL STORES DEPOT WEST WHARF E/N-2(133)

REF: Your E-file No : 0412230011

The GM(CW) has accorded sanction in subject proposal to M/S. SAK CONTRACTOR, amounting Rs: 999775 (Nine Hundred Ninety-Nine thousand Seven Hundred Seventy-Five Only). The expenditure will be debited as follows :

Budget Year	Account Head	Account Title	Sanctioned Amount	Project No
2023-2024	08083084	OPERATIONAL AREAS & BUILDINGS (MAINTENANCE / REPAIRS TO ROADS / BRIDGES / FOOTPATHS / SECURITY WALLS / TRANSIT PLINTHS / SHEDS / STORES / WARE HOUSES AND OTHER ALLIED WORKS)	999775	-

ENCL: Original File is being returned herewith.

~~FINANCE OFFICER~~

IR No.	553
DATE	03/04/24
DCE-I	
DCE-II	
DCE-III	
Other	

XENLND

[Handwritten signatures]

This document is issued without any alteration or erasing

Printed on : April 3, 2024 1:47 PM



KARACHI PORT TRUST
ENGINEERING DEPARTMENT

No. E/28-2(133) ¹⁵⁵⁷
Dated: 02 MAY 2024

M/s.SAK Contractor,
B-13 Sharjah Shopping Mall Plot No. C-3
Sector 15 & 16, Gulistan-e-Mazdoor Main
Hub River Road Karachi.
Mob: -0321-2029345

(LETTER OF INTENT)

SUB: REPAIR & REFIXING OF CONCERTINA & BARBED WIRE OF BOUNDARY WALL AT CENTRAL STORES DEPOT WEST WHARF.

With reference to your tender amounting to **Rs.999,775.00 (Rupees Nine Hundred Ninety Nine Thousand Seven Hundred Seventy Five Only)** inclusive of 5% contingences for the above work, I am directed to inform you that the same has been accepted by General Manager (CW) on behalf of Chairman of the Karachi Port Trust in accordance with the terms and conditions of the tender documents issued by the undersigned.

You are, therefore, requested to deposit a Security amounting to **Rs. 50,000.00 (Rupees Fifty Thousand Only)** being 5% of the contract price in favour of the Chief Accounts Officer, KPT with M/s. Habib Bank Ltd. KPT Branch for which necessary Challan Forms can be obtained from this office. You may deposit 50% amount of the total Security Deposit, the balance 50% amount will be deducted through your bills as permitted under Clause 9 of the General Conditions of contract, if you desire, After the depositing has been made, please direct your authorized representative to see the undersigned for execution of the Agreement as per Clause 8 of the General Conditions of Contract. Forms of Agreement are sent herewith which may be brought by your representative to this office for execution after getting stamped with a Special adhesive stamp of the value as prescribed under the Law by Board of Revenue Govt of Sindh (Original Receipt for the Purchase of Stamps must accompany with the agreement).

All the above formalities, should however be completed within **14 days** of the issue of this letter.

The period of completion of the work will be **(30 Days)** as per your tender.

You are also requested to intimate the name of your qualified Engineer Registered with PEC whom you propose to employ continuously on the work, for the approval of the Engineer.

On completion of the above formalities, necessary work order will be placed on you.

Kindly acknowledge receipt of this letter immediately.










[Signature]
2/5/24
For CHIEF ENGINEER



Evaluation Results

Organization Name: *Karachi Port Trust*

Evaluation No	Evaluation Result Title	Download	Uploaded Date
EV59867	Karachi Port Trust Final Evaluation Providing and Fixing of Missing Rubber..... E/CS-2(941)/ TS523412E		17/4/2024
EV59947	Karachi Port Trust Final Evaluation REPAIR & REFIXING OF CONCERTINA Not E/N-2(133)/ TS531459E		17/4/2024
EV59819	Karachi Port Trust Final Evaluation SHIFTING & STACKING OF SERVICEABLE E/CW-26(540)/2024 TS531839E		15/4/2024
EV59781	Karachi Port Trust Final Evaluation Repair/Renovation of Office..... E/N-2(67)/ TS531439E		9/4/2024
EV59664	Karachi Port Trust Final Evaluation Maintenance/Repair.. E/N-2(130) TS529548E		4/4/2024
EV59524	Karachi Port Trust Final Evaluation Maintenance and Repair to KPT Flat..... E/CW-2(992)/ TS529637E		1/4/2024
EV59523	Karachi Port Trust Final Evaluation Maintenance/Repair and Replacement,..... E/CW-28(1405)/ TS530594E		1/4/2024

Send mail to info@ppra.org.pk with questions or comments about this web site.

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KARACHI PORT TRUST
Gateway to Pakistan
A Great Heritage - A Vibrant Future
TENDER NOTICE



Chief Engineer KPT invited Tenders, under PPRA Rule 36 (a) from Bidders i-e Single Stage Single Envelope procedure. All interested Firms who possess experience in the relevant field may obtain the tender documents available on the downloaded version at KPT, PPRA & Ministry of Maritime Affairs Websites.

	NAME & SCOPE OF WORK	DATE & TIME OF RECEIPT AND OPENING OF TENDER
	<p>REPAIR & REFIXING OF CONCERTINA & BARBED WIRE OF BOUNDARY WALL AT CENTRAL STORES DEPOT WEST WHARF.</p> <p>The Scope of works includes viz:</p> <ul style="list-style-type: none">• Dismantling / Removing.• Plaster Works.• Steel Works• Concertina / Barbed Wire.• Coloring / Painting Works. <p><i>Handwritten notes: 16/20/24, 20/24, and a signature.</i></p>	<p>20-02-2024 Receipt at 11:00 HRS. & Opening at 11:30 HRS.</p> <p>Tender Fee Rs.1125/- (Non Refundable)</p>

1. The Intending bidders must be registered with Pakistan Engineering Council in **Category C-6** and above with specialized category CE-10, **valid on the date opening.**
2. The interested Bidder, are required to submit the following documents:-
 - a. Copy of Valid PEC.
 - b. Copy of NTN Certificate.
 - c. Copy of Online Tax verification.
 - d. Copy of SRB Certificate.
 - e. Affidavit, that the firm is not defaulter in Income tax department nor blacklisted by any Organization.
 - f. a) In case of companies and firms, last three years Audited Financial Statements are to be provided showing minimum average turnover of Rs. 01 Million.
b) In case of individuals / sole proprietors, last three years tax returns filed with FBR are to provided showing minimum turnover of Rs. 01 Million on average for three years.
3. The Intending Bidders may visit KPT and PPRA Websites for any queries.
4. The Prescribed Tender Fees amounting to **Rs.1,125/- (Non Refundable)** and Bid Security of the work is **Rs. 25,000/- (Rupees: Eighty Thousand only) (Refundable)** which will be submitted in a separate envelope & alongwith the Bid at the time of submission of tender in Shape of pay Order, in favor of Chief Account Officer KPT.
5. KPT may reject all Bids or Proposals at any time prior to the acceptance of the Bid or Proposal. The KPT shall upon request communicate to any supplier or contractor who submitted a bid or proposal, the grounds for its rejection of all bids or proposals, but is not required to justify those grounds.

No: E/N-2(133)/
Dated: 30-01-2024

CHIEF ENGINEER
KPT Head Office Building,

Eduljee Dinshaw Road, Karachi-74000,
UAN 111-KPT-111 Ph:99214318
Fax:-99214329-30.
Web site: www.kpt.gov.pk
PPRA web site address: www.ppra.org.pk



**KARACHI PORT TRUST
ENGINEERING DEPARTMENT**

INSTRUCTIONS FOR TENDER

1. The Tenderer should examine carefully the General Conditions of Contract, the Specification and the Drawings supplied herewith. He should visit and inspect the Site on his own responsibility and at his own expense, obtain all the information which may be necessary for the purpose of making a Tender.
2. The rates and prices set down by the Tenderer against the items in the bill of Quantities are to be the full inclusive value of the finished work described there under and shall cover profit and all obligations of every kind which under the Contract are to be borne by the Contractor.
3. The Quantities set out in the Bill of Quantities are estimated only and their accuracy or inaccuracy shall in no way affect the validity of the Tender or of any Contract based thereon.- The total amount for the various items set out in the Bill of Quantities at the rates or prices inserted by the Tenderer shall be stated in each case, but this figure is required solely for the purpose of facilitating the comparison of the various Tenders received and shall not be deemed to be the actual, sum which is to be paid to the Contractor for the execution of the Works. The actual sum to be paid to the Contractor whose Tender is accepted will be determined by measuring the work actually done in accordance with the Contract and valuing it at the rates or prices inserted by the Contractor in the Bill Quantities.
4. The contractor whose Tender is accepted will be required to enter into an Agreement the form of which (subject to any necessary adaptations) will be as set out in the form appended to the General Conditions of Contract.
5. The Contract whose Tender is accepted will also be required to furnish a Security Deposit, in cash, equivalent to five per cent of the Contract Price for the due performance of the Contract, (see clause 9 of the General Conditions of Contract.)
6. Tenders must be made on the separate form supplied herewith must be accompanied by two copies of the Bill of Quantities fully priced, monied out and totalled in ink and signed by the Tenderer. Tenders must reach the Chief Engineer, Karachi Port Trust not later than the time stated in the Tender Notice.
7. No unauthorized alteration may be made in the Form of Tender or the accompanying documents and if any such alteration is made or if the Bill of Quantities is not properly filled in, or if these instructions are not fully complied with the Tender may be rejected.
8. Tenderers must produce evidence with their Tender that they have had experience and are fully capable of carrying out work of this class and magnitude and must give full details of the plant they propose to use of the Works, in Performa.
9. The Board of Trustees of the Karachi Port Trust reserve to themselves the right to reject any tender without any reason or to accept any Tender in whole or in part and do not bind themselves to accept the best or any Tender.
10. Should there be any doubt or obscurity as to the meaning of any of the Tender Documents or if any further information is required, the Tenderer must address his enquiry in writing (in duplicate) to the Chief Engineer, Karachi Port Trust, not later than two weeks before the date fixed for the delivery of Tender.
11. Unless otherwise agreed all payments to be made to the Contractor under the Contract will be made locally in Pakistan rupee currency.
12. Each Tender must be accompanied by the requisite amount of Earnest Money, Deposit, either in cash with the Chief Accounts Officer, Karachi Port Trust or a pay order drawn in favor of the Chief Accounts Officer Karachi Port Trust, The Earnest Money will be refunded to the unsuccessful Tenderers after the Tenders are, decided. It will be optional with the successful Tenderers to re-appropriate the Earnest Money or part of the Earnest Money for the payment or part payment towards the Security Deposit, (see clause 9, of the General Conditions of Contract.)



(P.T.O)



13. The Tenders must be sent in a sealed cover prescribed as required in the Tender Notice and must reach the Chief Engineer, Karachi Port Trust, before the due time and date fixed for the opening of the Tenders.,
14. Address both of the place of business and residence, if the firm is a Sole Proprietor ship concern shall be given.
15. Full particulars of names of the Partners, their residential addresses, address of place of business alongwith a certified. Copy of Partnership Deed and a Certificate of Registration, if it is a Partnership concern shall be furnished while submitting the Tender.
16. A complete and up-to-date list of all the Directors of a Private Limited Company together with their residential Addresses And a printed certified copy of the Memorandum and Articles of Association of the Company alongwith a copy of Certificated of Incorporation if it is a Private Limited Company shall be furnished with the Tender.
17. Printed certified copy of Memorandum & Articles of Association of the Company alongwith a copy of Certificate of Incorporation if it is a Public Limited Company shall be furnished with tender documents.
18. The Contractor/Suppliers are required to execute necessary agreements/contracts, etc., and for furnishing to the K.P.T. any future change in the above particulars and assets.
19. The Contractor/Suppliers shall not be allowed to carry on correspondence on "Care of" address and they should supply their independent address for the purpose.
20. The Contractors have to quote item rates as per Schedule of Quantities attached with Tender. Any insertion of percentage whether below or above on the rates after filling of the rates shall make the Tender invalid and the Tender will not be considered.

Handwritten signatures and initials in blue and red ink.

CHIEF ENGINEER
KARACHI PORT TRUST

Two circular blue ink stamps for 'CONTRACTORS' with handwritten signatures over them.

A circular blue ink stamp for 'EXECUTIVE ENGINEER (N) K.P.T.' with a handwritten signature over it.

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 amounting to Rs. 25,000 (Fixed)) 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. 25,000/- as Bid Security within favour of the Chief Accounts Officer, Karachi Port Trust and hold his receipt No. 16949054 dated 19-02-2024

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

Completion

Date:

TENDERER


(FULL SIGNATURE)



Place:

Signed by Mr. SONAIL AHMED for and on behalf of

Messrs SAK CONTRACTORS

Address B-13, SHARJAH SHOPPING MALL, PLOT C-3, SECTOR 15 & 16,
GULISTAN-E. MAZDOOR, MAIN HUB RIVER ROAD, KARACHI.


EXECUTIVE ENGINEER (IN CHARGE)
KARACHI PORT TRUST



ll
21/2






KARACHI PORT TRUST
ENGINEERING DEPARTMENT

Handwritten initials in red ink: H 20/2

PROFORMA "A"
(To be submitted with the Tender)

Particulars	Details
1. Experience as a Contractor	<p>WORK ON O/H & V/L TANKS CLEANING CONTRACT RECENTLY COMPLETED.</p> <p>WORKING ON MI YARD 24 & 25 SHED AT WEST WHARF WHICH IS ALSO COMPLETED.</p>
2. Works carried out in the past with detailed cost particulars and the year in-which they were undertaken etc.	<p>AS MENTIONED ABOVE.</p>
3. Banker reference regarding Financial status	<p>WILL BE FURNISHED ON DEMAND</p> <p>SAFL - SHAHEED - E - MILLAT RD BR.</p> <p>HABL. DMCMS. BR.</p>
4. Whether registered with any Other Department or Organization? if so, give details.	<p>N/A.</p>

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Faint handwritten text, possibly a date or reference number

Handwritten signatures and initials in blue and red ink





Handwritten signature in black ink






PROFORMA "A"

Particulars	Details	
5.	Plant and equipment in possession (Give details with Cost)	We have various Electrical & Mechanical Equipments worth Rs. 1.000 MILLION.
6.	Technical personnel employed: give names and other details	Mr. Samullah - Chief Engineer (Civil) Mr. Inwan - Supervisor.
7.	Is your firm registered?	We are registered with Pakistan Engineering Council.
8.	State capital of your firm?	5.000 Million
9.	Detail of Income Tax Sales Tax Registration etc.	NTN - 1726322-7 SRB - 51726322-7.
10.	Number of years of actual work carried out in Pakistan	15 Years Experience.
11.	Attach attested copies of certificates of past work of the same nature carried out as that in this Tender.	-



 SIGNATURE OF TENDERER

Date 19.02.2024
Place KARACHI.

Signed by Mr. SAMAIL AHMED
For and on behalf of SAR CONTRACTORS







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.	<p><u>Business Address:</u></p> <p>B-13, SWANSEA SHOPPING MALL, PLOT NO C-3, SECTOR 15 & 16, GULISTAN-E-MALDOOR, MAIN HUB RIVER ROAD, KARACHI.</p>
2. In case of Partnership Concern. a) Name of the Partners with their Residential Address. b) Partnership Deed & Certificate of Registration. (Attach Certified Copies)	<p><u>Residential Address:</u></p> <p>Flat No. 19, 4th floor, 1st floor Terrace, Main Stadium Road, Karachi.</p>
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)	<p><i>[Handwritten signature]</i></p>
4. in Case of Public Ltd. Company Memorandum and Articles of Association and Certificate, of incorporation (Attach Printed, Certified Copy)	<p><i>[Handwritten signature]</i></p>

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.

[Handwritten signature]

[Handwritten signature]
SIGNATURE & SEAL OF THE TENDERER

Signed By Mr. SOHAIL AHMED
for & on behalf of SAL CONTRACTORS.





KARACHI PORT TRUST
ENGINEERING DEPARTMENT

**DOCUMENTS TO
BE RETURNED**

**NAME OF WORK: REPAIR & REFIXING OF CONCERTINA & BARBED WIRE OF
BOUNDARY WALL AT CENTRAL STORES DEPOT WEST WHARF.**

S.No Description of Work Unit Rate Quantity Amount(Rs.)

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 & A-2" of tender documents, and ensure enclosing of the pay order for bid security amounting to Rs. 25,000/- (Fixed), 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.

W. G. G.
ENGINEERING DEPARTMENT
KARACHI PORT TRUST

[Signature]
for CHIEF ENGINEER



B. O. Q. ITEMS

KARACHI PORT TRUST
Engineering Department

Dated : 16 January 2024
Page 2

Case - Id _____

REPAIR AND REFIXING OF CONCERTINA & BARBED WIRE OF BOUNDARY WALL AT CENTRAL STORES DEPOT WEST WHARF.



Plan # _____
Dated : _____

S.No.Ref.	Item description	Unit	Rate	Rate in Words	Quantity	Amount
1	REMOVING/ DISMANTLING CONCERTINA OR BARBED WIRE CEMENT CONCRETE WORKS WHAT SO EVER REQUIRED AT SITE ANY HEIGHT INCLUDING ROUGHENING OF SURFACE AND DISPOSING THE MATERIAL OUTSIDE THE KPT LIMITS.	PER/RMT	205/-	Two Hundred Five	275.00	56,375/-
2	PROVIDING AND LAYING 1:3:6 CEMENT CONCRETE SOLID BLOCK MASONRY MORE THAN 150 MM (6") THICK WALLS AND PILLARS USING GRADED SCREENED BAURI 20 MM (3/4") AND DOWN GAUGE SET IN 1:4 CEMENT MORTAR IN FOUNDATION, BASEMENT AND PLINTH INCLUDING SCAFFOLDING RAKING OUT JOINTS AND CURING ETC., COMPLETE, (FOUNDATION AND BASEMENT MASONRY UPTO 1.50 M. (5 FT) DEPTH AND PLINTH UPTO 1.25 M. (4 FT) HEIGHT FROM THE GROUND LEVEL).	PER/CUM	10,000/-	Ten Thousand	2.00	20,000/-
3	PREPARE SURFACE AND APPLYING 1/2 THICK CEMENT SAND PLASTER AT ANY HEIGHT OF RATIO 1:4, FINISHED SMOOTH INCLUDING CURING, SCAFFOLDING, CORNICES, EDGES ALL AS SPECIFIED AND DIRECTED.	PER/SQM	650/-	Six Hundred Fifty	20.00	13,000/-
4	FIXING OF BARBED WIRE (12 GAUGE) GALVANIZED 02 STRANDS 04 BARS @ 75 MM C/C APART, FIXED WITH CLIPS, WIRES, STAPLES ETC COMPLETE ALL AS SPECIFIED AND DIRECTED BY THE ENGINEER INCHARGE. (BARBED WIRE SUPPLY BY KPT STORE)	PER/RMT	810/-	Eight Hundred Ten	275.00	222,750/-
5	PROVIDING AND FIXING OF GENERAL STEEL WORK AS IN GUARD BAR, GATES, GRILLS, RAILING, LADDERS, BRACKETS, STAIRCASES, BALUSTERS, CHIMNEYS, PULLEYS, PIPE FLUES, SUPPORTS, HANDLES, HOLDFASTS, NCHIONS, WITH OR WITHOUT CONNECTION ENDS, FIXED WITH FRAME OR INDEPENDENTLY CUT TO SIZE, SHAPE, FIGURE INCLUDING THE COST OF WELDING, BOLTING, RIVETING, JOINTING, FORGING, LETTING, INTO STONE, CONCRETE, BRICK OR BLOCK ETC COMPLETE AS REQUIRED AT SITE AND AS DIRECTED BY ENGINEER IN CHARGE., THE RATES ARE INCLUSIVE OF ONE COAT OF RED OXIDE PAINT.	PER/KG	510/-	Five Hundred Ten	530.00	270,300/-
6	PREPARE SURFACE AND APPLYING 2X COATS OF SYNTHETIC ENAMEL PAINT APPROVED MAKE AND SHADE INCLUDING SCRAPING SAND PAPERING DUSTING AND FILLING THE HOLES, CRACKS AND INEQUALITIES IF ANY AT ANY HEIGHT AND IN ANY FLOOR I/C. REMOVING RUBBISH ETC., OUTSIDE K.P.T. LIMIT..	PER/SQM	500/-	Five Hundred	120.00	60,000/-
7	FIXING OF CONCERTINA RAZOR WIRE COIL (12 GAUGE) GALVANIZED LOOP DIA 1000" SINGLE COIL/ CROSS TYPE WITH OR WITHOUT CLIPS, ETC. ALL AS SPECIFIED AND DIRECTED. CONCERTINA RAZOR WIRE SUPPLY BY KPT STORE)	PER/RMT	728/-	Seven Hundred Twenty Eight	275.00	200,200/-

CHECKED
Rs. 999,775.00/-

TOTAL
5% CONTINGENCIES
NET TOTAL
13% SRB
GRAND TOTAL

Rs.	842,625/-
Rs.	42,131/-
Rs.	884,756/-
Rs.	115,018/-
Rs.	999,775/-



KARACHI PORT TRUST
ENGINEERING DEPARTMENT



Name of Work: MAINTENANCE & REPAIR OF WATER HEATERS (GEYSERS) AT
KPT OFFICERS ACCOMODATIONS LALAZAR AREA.

**GENERAL CONDITIONS OF
CONTRACT**



Waga
2011-01-20
10:00 AM



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

II



[Handwritten signature]



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



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IV



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 form 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. **Singular and Plural**
- (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. **Marginal Headings of Notes**



Security Deposit

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.

Contractor's
Failure to Furnish
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.

Inspection of Site

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 FIRST 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.

Sufficiency of
Tender

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.

Work to be to
Satisfaction of
Engineer

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.

Programme to be
furnished

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.

Contractor's
Superintendence

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 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.



Giving Of Notices
and Payment Of
Fees

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 Statue Ordinance 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.

Fossils, etc

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.

Patent Rights and
Royalties

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.

Oppotunities for
other
Contractor's

24. The Contractor shall in accordance with the requirements of the Engineers afford all reasonable oppotunities 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.

Supply of Plant
Materials and
Labour

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 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.

Hours of
Employment and
payment of
Wages

LABOUR

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.

Return of Labour
Etc.

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



COMMENCEMENT TIME AND DELAYS

Commencement of Works

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

Possession of Site

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 dispatch in accordance with the said programme or proposals (as the case may be).

Way Leaves Etc

(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.

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.

Extension of Time for Completion

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

Termination Contract for

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) Not-with-standing 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

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 Contractor's 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 provisions Clause 56 and 57 hereof shall apply.



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 dimensions 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

Order of variation
to be in writing

(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 than 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 Engineer whether before or after the carrying out the order shall be deemed to be an order, in writing within the meaning of this Clause

Valuation of
Variations

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

Power of Engineer
to Fix Rate

(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

(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, whatsoever 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, octroi 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 subsequent increase in the above, whereby the contractors cost for executing the works are increased, 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 nationalized industries.

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



Advances

(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.

(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

Approval only by
Maintenance
certificate

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.

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.

Payment on
Completion

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).

Currency of payment

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.

Forfeiture

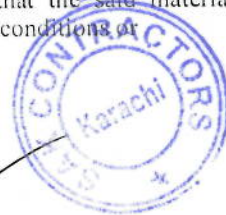
REMEDIES AND POWERS

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,

(a) has abandoned the Contract or

(b) without reasonable excuse has failed 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

(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



Law Covering the Contract

SETTLEMENT OF DISPUTES

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



KARACHI PORT TRUST
(ENGINEERING DEPARTMENT)

NAME OF WORK: MAINTENANCE & REPAIR OF WATER HEATERS (GEYSERS) AT KPT OFFICERS
ACCOMODATIONS LALAZAR AREA.

SPECIFICATIONS
(PART I)

General

1. The work shall carried out generally in accordance with the P.W.D. Specification contained in the Bombay P.W.D. Hand Books Vols. I & II of 1950.

Excavations & Foundations

2. The excavations shall be of the depth and width shown in the plan or as directed by the Engineer The excavated material shall be deposited in the building plinth and round foundations or spread near the site of-work or removed from the site as directed. Should more material be taken out than is required it shall be replaced with good broken stones, properly consolidated at the contractor's expense.

Trenches shall he kept in good and dry condition, the bed being properly leveled and rammed where necessary and the sides even, and properly protected with timbering if required.

The rates to include all temporary timbering, draining pumping, fencing and lighting the trench if necessary etc., disposal of excess material to within 200 feets of the site. The rat shall also include filling in round the foundation walls, watering, ramming and securing in the ordinary manner.

The depth of foundations may be increased to more than that shown on the drawings. No. increase in rate will, however, be allowed for such alteration in depth of foundations

Earth Filling

3. Filling behind wall, inside plinth and in similar situations to be dry filling with sand or as per Engineer's instructions, carefully deposited, watered and rammed in layers of not, more than 9" in thickness.

Lime

4. The Lime shall be of the pest quality approved by the Engineer freshly burnt, Quite dry, free from ashes, under burnt lumps, dirt and other impurities. It shall be properly slaked with water at the site of the work not less than one week or more than 2 weeks before use. The lime, after slaking shall be screen, through 1/8th inch screen and the residue rejected. If the slaked lime is Stored, it must be properly covered over

All lime that has been in any Way damaged by rain, moisture dirt or any other cause will be rejected.

As a rule, the lime shall be used within 14 days after removal from the Kiln, Fine lime from Bolari or other approved. place only will be allowed.



The sand shall be river sand, sharp, clean, coarse, with silicious grains free from earth, small stones, dirt, salt peter or other impurities.



masonry. The Masonry in external walls shall be in regular course 8 inches thick and internal walls in course not less than 6 inch thick.

In masonry walls 24" thick and under, through stones shall be inserted not more than 4 feet apart and all through stones shall be marked with Geru. Care should be taken not to place the through stones of successive course above one another.

No stones shall be less in breadth or length than its height and care must be taken to make the stone in different courses break joint,

The interior of walls shall consist of flat bedded stones carefully laid on their proper beds and solid bedded in mortar, chips and sprawls of stones being wedged in wherever necessary, so as to avoid thick beds or joints or mortar, care being taken that no dry work of hollow spaces shall be left anywhere in the masonry

Face work and backing shall be brought up evenly but the backing should be leveled up at each course by the use of chips.

The thickness of joints shall not exceed 5/8"

Dressed Stone Work

11. Quoins, which shall be of the same height at the courses shall be formed of header stones 18 inches long and 12" wide laid lengthwise alternatively along each face. They should be laid square on their beds, which should be fairly dressed to a depth of at least 4 inches. The quoins stones shall be fairly dressed on both faces. Cornices, Dentils etc., shall be fairly dresses stone of the size and shape as on the plan

Watering.

12. All Masonry work must be kept watered for at least 10 days. No part of the work shall be left dry during this period.

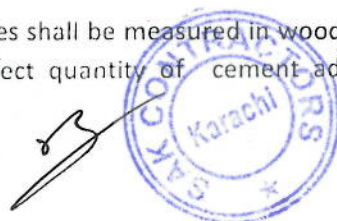
Cement Concrete Work

13. a) **Cement**:-All cement used if not supplied by K.P.T. shall be Portland Cement of slow setting quality, unless otherwise specified and shall be in accordance with the latest British Standard Specifications. It shall be of approved manufacture and unadulterated. it shall be sound, fresh unadulterated and of grey and greenish grey color. Cement brought at site for use shall be tested periodically for "Fineness" and "Tensile strength" and other qualities if necessary to see that it conforms with the latest British Standard Specifications for Portland Cement.

b) **Aggregate** :The fine aggregate shall be clean river and free from clay and other impurities, the particles varying in size, as far as possible from fine to 1/4" mesh.

The coars aggregate shall consist of river gravel and crushed pebble 50% each sound hard and durable and of a size so as to pass through a 3/4" mesh and be retained by a 1/4" mesh. The sizes shall be graded as far as possible. Unless otherwise stated in the Schedule of Quantity or in the Specifications Part-II the coarse aggregate for plain concrete foundation shall be of broken stone, hard angular free from all impurities and of size so as to pass in all directions through a 2 1/2" ring.

- c) **Mixing of Concretes**- The fine and coars aggregates shall be measured in wooden boxes of suitable size to give the correct proportions and the correct quantity of cement added from bags. The



shall be as indicated on the drawings or in the Schedule of Quantities. The shelves shall be either precast or cast in situ as directed by the Engineer.

The rate shall include all work specified above, formwork and fixing in position including making and filling channel in masonry and providing brackets etc. complete.

i) **R.C.C. Sunshades:-** The sunshades shall be of cement concrete 1:2:4 reinforced as directed by the Engineer. The reinforcing bars shall be properly and securely anchored to the R.C.C. lintels as directed by the Engineer.

j) **R.C.C. Stair Case Steps and Landing:-** Unless otherwise specified all staircase steps, landings, etc. shall be laid in situ with cement concrete 1:2:4 reinforced with mild steel bars as shown on the drawings or as directed by the Engineer. The steps shall be of the width shown on the drawing or as indicated in the Schedule of Quantities. The tread rise and thickness of the slab underneath the steps (known as "Waist") shall be as directed by the Engineer. The steps shall be finished with non slipping treads and moulded noses in cement plaster as directed by the Engineer. The rate shall include erecting and removing centering etc. complete with all necessary beams and brackets.

k) **Precast Concrete blocks, panels, etc.:-** The precast blocks shall be of size indicated by the Engineer, made concrete in the proportion of 1 part of cement to 3 parts of clean river sand and 6 parts of shingle varying from 1/8" to 1/2" in size or in such proportion as given in Schedule of Quantities. The blocks may be made by hand or in a machine and with a wet or dry mix as approved by the Engineer.

Precast concrete slabs for the stairs-ases, perforated panels and posts shall be cast in the proportion of 1:2:4, with reinforcement as shown on the drawings or as directed by the Engineer.

The precast blocks, etc., when made shall after the initial set be immersed in a tank of water or kept constantly moist by wet gunny bags for at least a week, and kept under shade for another week before being used. The blocks and slabs etc. shall be set in 3:1 cement mortar, the joints being of uniform thickness not exceeding 3/8"

The concrete block walls 4 inches and less in thickness shall be reinforced with 1/4 inch dia mild steel rods and every alternative course, a suitable groove being left in the edge of the blocks for the purpose. The reinforcing steel shall extend at least 3 inches and grouted in the main wall.

l) **Boxing of R.S Joist Rails etc.:-** The boxing of R.S. foists, Rails etc. shall be done as shown on the drawings or as directed by the Engineer. The Joists rails, etc. shall be thoroughly cleaned so as to be free from rust, scale etc., and be passed by the Engineer before being covered with cement concrete. The wire hoping round the joists shall be provided where shown on the drawings and shall consist of two ply four pointed barbed wire of approved quality wound in a spiral with a pitch not exceeding 4 inches.

m. **Formwork:-** The formwork shall be sufficiently strong and so constructed as to remain rigid during the laying, tamping and setting of concrete. It shall be approved by the engineer before concreting is started, but the contractor shall be responsible for its sufficiency. All joints must be close enough to prevent undue leakages of the liquid cement.

All rubbish must be removed from the interior of form before the concrete is placed. The formwork in contact with the concrete shall be clean and thoroughly wetted or treated, with oil or other composition as required and approved by the Engineer, so as to give a clean surface to the concrete.



16. The surface to be prepared as for lime plaster. A rendering of mortar consisting of 1 part of cement and 3 parts of fine sand shall be applied in layers not exceeding 1/4 inch in thickness to a total thickness of 1 inch. The rendering shall be kept rough and should not be beaten, but finished off with a thin coat of 1/8 inch of pure cement and polished well with a trowel.

Cement Plaster to Outside of External Walls

17. Before rendering, the surface of the wall shall be thoroughly cleaned with water and all the joints well raked out to provide it good key as shown in Clause 15 above. A rendering of mortar consisting of 1 part of cement and 3 parts of sharp washed sand, shall be applied in layers not exceeding 3/4 inch in thickness less to true up the surface. This coat shall be ruled off and thoroughly combed with wavy horizontal lines about 1/2 inch a part and not less than 1/8 inch deep to form a good key for the second coat and shall be left for at least 48 hours before the application of the finishing coat which shall be applied when there is slight amount of moisture left on the surface. The finishing coat shall consist of one part of cement and one part of sharp washed sand and the thickness not to exceed 1/4". The surface shall be finished with a wooden float and brought to its true finish, care being taken to ensure that the gauging water is kept uniform for each mix, and to the satisfaction of the Engineer. When the finishing coat has hardened off, the surface must be kept moist for at least seven days.

Coloured cement wash shall be applied to the finished surface in two coats or more if necessary to ensure uniformity to the satisfaction of the Engineer. The coloured cement shall be fresh, water proofed and of the best quality and shade and be approved by the Engineer before use. The surface shall be sprinkled gently with water for at least 48 hours before and after each coat applied or any longer period as directed by the Engineer. The finishing coat shall be watered for 6 days. The term, it wash shall not be allowed to dry out until it has attained its set, and does not dust off.

Pointing

The joints of the work to be "Pointed" shall be neatly defined by the pointing and the lines shall be regular and uniform in breadth. No false joints shall be allowed.

- a. Cement Pointing:- The joints shall be done as soon as rapidly as possible and not touched again after it has once begun to set. The old mortar shall be raked out of the joints at least 3/4 inch, the dust shall then be brushed out of the joints and the work well vatted and washed with water before pointing is started. Mortar for pointing to consist of one part of Portland Cement and two of fine sand. The work pointed shall be kept wet for at least ten days.

White Washing

19. The walls to be well cleaned and brushed before white washing. The white washing material to be prepared from fresh burnt white "lime stone or from shell lime if available. The lime to be dissolved in a tub with sufficient quantity of water and the whole well mixed strained through a clean cloth. Clean gum dissolved in hot water to be added in the proportion of 2 oz. of gum to 1 C. Ft. of lime along with a small quantity of marine blue as directed by the Engineer.

Three coats to be applied

Chalk Wash

The walls shall be well cleaned and brushed before chalk-washing. Clean white chalk of approved quality shall be slaked thoroughly with hot water in a covered vessel. To every one cwt of chalk, 14 l



suit the spacing of the purlines and shall be first approved by the Engineer.

The sheets shall be laid so as to have the vertical joint at right angles to and straight from the eaves to the ridge. The side lap shall be at least one and a half corrugation and the end lap not less than 6 inches. The corners shall be properly mitred where necessary at the junctions.

The sheets shall be fastened to the purlins on each side of the vertical lap with 5/16 inch galvanized drive screws 4 1/2 inches long or with 5/16 inch G.I hook bolts of proper length in the case of steel purlines and provided with 1-1/26 inch bitument filled washers. The holes in the sheets shall be carefully drilled and not punched through the crown of the corrugations. An ordinary brace and twist drill should be used for drilling the holes which shall be 1/16 inch larger than the largest diameter of the screw or bolt. The sheets should not be fixed more tightly than necessary to attach them securely and should not under any circumstances be screwed down too rigidly to the purlins. The screws shall be properly worked and not hammered, just far enough to seat the washers over the crown of the corrugations, but no further. The spacing of the fixing screws and hook bolts shall be as recommended by the manufacturers of the sheets and as approved by the Engineer.

The payment shall be on the square measurement of the finished roof area and on lineal measurement of ridging as laid. The rate shall include laying with necessary overlapping and fixing securely to the roof structure with the required screws, washers etc.

NOTE:

Asbestos Sheets measuring less than the specified thickness will not be accepted, irrespective of the manufacturer's specification of the sheets, should the asbestos cement sheets offered by contractor be found wanting in any respect, the contractor shall provide any other make of sheets specified by the Engineer by the rate quoted in his tender, the, difference in cost if any, being borne by him (the contractor)

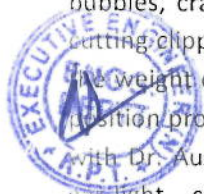
Asbestos Cement Down take Pipes

32. The asbestos cement down-take pipe shall be of the internal diameter as given in the Schedule of Quantities or Specification Part-II with deep sockets and of approval quality and manufacture. The pipes shall be fixed by means of approved iron clips screwed to wooden plugs inserted in the walls in such it manner as to keep the pipes clear of the wall. All joint shall be made with a one and one cement and sand mixture tightly packed or to a hemp gasket and neatly pointed.

The rate shall include all connection of corresponding shape and size square and obtuse elbows with inspection holes, T, &Y branches, offsets shoes, head, gratings, etc., complete to the satisfaction of the Engineer.

3"4" Dia Cast Iron Pipes etc

33. The cast iron pipes and their requisite fitting shall be truly cylindrical, of the clear internal diameter specified, of a uniform thickness, smooth and with strong and deep sockets, free from flaws, air bubbles, cracks, and holes acid other defects. They shall not be brittle and shall all allow of ready cutting, clipping, or drilling. The thickness of metal of the pipes shall be at least 3/16ths of an inch and the weight of the pipes shall be less than 9 lbs. per foot run. The rate shall include fixing the pipes in position providing necessary fitting connection and painting with 3 coats paints. The apes shall coated with Dr. Augus Smith's Composition. All bends and tees shall have inspection holes with water and gas-tight covers, All joints shall be made perfectly air and water-tight to the satisfaction of the



26. The tile flooring shall be of Nusserwanjis patent Cement Tiles or any other make approved by the Engineer. The tiles shall be in one plain colour with a design in colour, and with a suitable border as indicated in the schedule of Quantities. The colour and design will be selected by the Engineer.

The tiles shall be laid on a base of 3" lime concrete well watered and consolidated with a flooring of 1" inch of sand-lime mortar over it. A liquid mixture of neat cement and water should then be poured over this floating and the tiles set one by one over this grouting by tapping gently with wooden hammer. Before the tiles are so set they must be first dipped in water for about half a minute and then allowed to trip out of all the water. As the tiles are being fixed, care must be taken that the joints are close in straight lines and filled in with cement grout by means of a fine trowel and by pouring cement grout over the whole of the tiled surface. The tiles shall be set evenly and in level. The tile laid each day shall at the close of work be thorough cleaned with white (Deoder) saw-dust or with washed gunny bag pieces slightly moistened in water to remove any super fluous cement that may be laying on the surface of the titles. If found necessary, the tile flooring shall again be washed and thoroughly cleaned in the manner directed by the Engineer on completion of the work and before it is taken over.

The rate shall include lime concrete base, supplying and laying tiles and cleaning as specified. The payment will be based on final square measurement of completed flooring.

Cement Skirting Tiles

27. Skirting tiles shall be of the corresponding type and make it specified for cement flooring tiles vide Clause 26. The colour and design shall be approved by the Engineer.

The tiles shall be laid in cement mortar and finished in the same way as cement flooring tiles and to the entire satisfaction of the Engineer.

The rate shall include supplying and laying of cement skirting tiles and cleaning etc. The payment will be based on final lineal feet of the completed skirtings.

Chimney Flue

28. Chimney flue shall be constructed exactly as shown on the drawing or as indicated by the Engineer. The rate shall include all the work required in the construction of the flue and of all the chimneys etc. on different floor served by the same flue as per design details on the drawings.

Wood Work

29. All timber, shall be best quality sound free from sap, shakes, larges loose or dead knots and thoroughly seasoned. It shall be approved by the Engineer before being used. The kind of timber used shall be pucca teak or as indicated in the schedule of Quantities or Specification Part 11.

All workmanship shall be of the best description and all joints must fit accurately without wedging. All faces shall be planned true and the edges shall be square. All wood work to be embedded masonry to be well coated with hot tar.

- a. **Door and Windows:-** Shall be glazed paneled or ledged and braced as shown on the drawing or as directed by the Engineer. The sizes of scantling, etc. and the kind of timber used for frames & shutters of doors and windows shall be as shown on the drawings or as directed by the Engineer. The door and window frames shall be provided with 2 or 3 iron hold fasts on each side as required.

Measurement for door and windows shall be taken inclusive of frames. The rates shall include at



Engineer.

In all rates, the contractor should make allowances for and pumping and timbering that may be required in construction.

White Glazed Channel Drain

38. The drain shall consist of 6" dia: white glazed channel pipes with 6" white glazed tiles on both sides laid in cement mortar as shown on the drawing or as indicated by the Engineer. The channel pipes and the tiles shall be $\frac{3}{4}$ " thick of best quality, free from cracks flaws and other imperfections and have smooth and perfectly glazed white surfaces.

Rates for the drain shall include supplying and laying the channel pipes and tiles in cement mortar complete in every respect.

The channel pipes and tiles shall be best quality. British or other approved manufacture

Sullage Water Drains

39. The drain shall be 1:2:4 cement concrete and of the size and shape as shown on the drawings or as directed by the Engineer. It shall be laid on foundation of lime concrete 18" wide by 6 inches deep and finished smooth with 1" thick cement plaster.

The rate for the drain shall include excavation lime concrete foundation, cement concrete work 1 inch thick cement plaster and all filling required for the drain complete in all respect.

Sanitary Fittings etc.

40. The bath tubs, wash basins English and Eastern pattern: W.C. seats together with all necessary soil, vent and autisophon pipes brackets, flushing cistern and other fitting shall be of approved quality and manufacture, and shall be supplied and fitted in position by the contractor to the satisfaction of the Engineer and in accordance with the rules and regulations of the Karachi Metropolitan Corporation.

The W.C. seats (English and Indian pattern) shall be fixed as to have the water traps above the floor and the soil pipe taken through the wall of the building.

Water Supply

41. Supply pipelines and all plumbing work concerned therewith will be carried out of the Port Trust unless otherwise stated in the Schedule of Quantities.

Drainage

42. Septic Tank and other drainage work not included in the tender will be either carried out departmentally or by a separate contract

- ❖ Other specification in accordance with Part II.
- ❖ Strike off when not required.



(2)

(b) Applying Snowcem:

Snowcem shall be obtained from approved manufacturers. It shall be obtained in sealed tins which shall be opened in the presence of Engineer-in-charge and used on the work. No foreign material whatsoever should i,e added to snowcom.

Snowcem must be mixed in two stages. First by adding a little quantity of water to form a paste and then further quantity of water being added to get a mix of liquid consistency. water immediately before applying the first coat.

In the first stage one measure of water to a similar measure of. snowcem must be thoroughly stirred and allowed to stand for 10 minutes. A further measure of water should then be added and thoroughly mixed. This mix must be applied within one hour of the mixing. The lid of the container must be tightly replaced immediately after the materials been taken out from it. The surface over which the snowcom is to be applied shall be thoroughly statuated with

The snowcem should be applied with brushes of approved make and manufacture. The first coat of snowcem shall be well scrubbed into the surface by means of brushes and allowed to set for a period of 24 hours. after this period of 24 hours the second coat shall be applied.

Alter two coats have been applied the surface shall present a uniform smooth surface, proper curing should be done as directed by Engineer.

The Contractor's rate for applying snowcern shall include the cost of all material, labour, and scaffolding etc.

(G) Painting Over Wood Work and Iron Work (General)

The painting shall not be started till the Engineer-in-charge has inspected the work to be painted and given his approval in writing to commence the painting.

Only best quality of paint made by an approved manufacturer and packed in sealed tins shall be used

The wood work shall be painted only when thoroughly dry. The surface to be painted shall be finished smooth and rubbed thoroughly with sand paper.

All holes, cracks and defects etc. in the wood shall be levelled up with approved quality of putty before application of the paint and to the satisfaction of Engineer-in-charge.

The steel surface to be painted shall be cleaned off all rusts scale, dirt etc. by using a scrapper or a steel wire brush. The surface should be absolutely dry before paint is applied.

Paint shall be applied only by skilled painters who shall use paint brushes of approved manufacture.

The paint shall be constantly stirred while being applied and will not be allowed to settle in the can. The stirring must be done with a smooth stick of not by the paint brush.

At the close of the day's work the brushes shall be kept with the bristles immersed in raw linseed oil. Before using the brushes oil must be rubbed out. A brush in which the paint has been allowed to dry shall not be allowed to be re-used on the work. Brushes required to be used for another colour shall be rinsed out with turpentine or washed with kerosene oil.



Contd.....P/3

KARACHI PORT TRUST
ENGINEERING DEPARTMENT
PREAMBLE TO THE SCHEDULE OF QUANTITIES

The following is the list of Drawings :

Plan No. _____

Dated: _____

GENERAL DIRECTIONS

CLAUSE

1. These General Directions describe the method of measurement which will be pursued in respect of certain items also the particulars of what is to be included in the rates set down for the various items and are applicable to each and every portion of this bill of Quantities.
2. The terms "Clause" at the head of the left hand column refers to paragraphs containing general direction of descriptive matter not required to be priced.

The term "Item": refers to matter to which rates are to be affixed.

3. The units of measurement used in this Bill of Quantities.

Linear	Liner	Meter	To	R.M
		abbreviated		
Superficial	Square	Meter	-	Sq.M
Volume	Cubic	Meter	-	Cu.M
Weight				
	Ton (of	-	-	Kg.
	1000 Kgs.)			
	Kilogram	-	-	
Number	Number		-	No.

Where the unit is stated to be 100 R.M. 100 sq. M. or 100 cu. M. the quantities set down in the quantity column are the actual number of meters and not the number of units.

The rate inserted by the Tenderer is to be per unit.

4. The Bill of quantities must be read with the General Conditions, and the specification, and the Contractor shall be deemed to have examined the Drawings Specification, General Conditions and to have acquainted himself with the detailed descriptions of the works to be done and the way in which they are to be carried out.
5. The Quantities set down against the items in this Bill of Quantities are an estimate of how much of each kind of work is included in the Contract and are given for the convenience of forming a common basis for tenders, and they are not to be taken as a guarantee that the total quantities scheduled or every item will be carried out or required.
6. The Quantities shall therefore, not be considered as representing the final measurements, it being the intention of the Contract (except where otherwise specifically stated) that all work embraced therein shall be measured upon completion by the Engineer or his authorized representative and paid for at the prices and rates entered in the Bill of Quantities by the Contractor.



PTO

13-C TESTING

- a. The Engineer, will have the right to verify the quality of steel brought by the Contractor at site by; demanding test certificate of the manufacturers or of an approved testing laboratory.
- b. The Contractor may be required to produce a Certificate, alongwith each consignment from the Manufacturers to the effect that the material brought by him at site has been tested in accordance with the relevant B.S. or ASTM Standards. Not with standing the above certificate the Engineer at site can ask the Contractor to arrange re-testing of the material in his own laboratory or any other laboratory and the Contractor will be required to comply with those instructions and the cost of such tests will be borne by contractor.

14. CEMENT

- a. The contractor will, at their own cost procure from the market the required quality of Portland Cement conforming to BSS 12 or ASTM C-150 for the execution of the work. The Cement will be subject to tests at site or in the K.P.T. and other testing laboratories at the Contractor's expenses before use. Test Certificate of the Manufacturers or of approved testing laboratories can also be asked for at the Contractors' own expense.
- b. In case some restriction is imposed by the Government on the procurement of Cement, the K.P.T. Administration may assists in procuring necessary permits, for Contractor.

15. WATER SUPPLY

The KPT will not provide any water connection & electric connection required for execution of work. Contractor will have to maintain their own arrangement at their cost.

16. The following material if available can be supplied by the Board to the Contractor at the rates shown, unless otherwise indicated against any item. These can be drawn from the Engineer's Stores at M. I. Yard / Berth No 9 Keamari/Manora.

Item No.	Materials	Unit	Rate in Rs.
	B.R.C Fabric	M.Ton	
	Bitumen	M. Ton	

if any other material is supplied to the Contractor by the Engineer, the rate of issue will be worked out on the following basis.

- a. Current market rate or the purchase price enhanced by 2% incidental charges, 6% handling and 12 ½% supervision charges, which ever is higher.

- 17 The Contractor will be required to submit "progress Programme" of the works for the approval of the Engineer within a week of placement of order for commencement of wok. The Contractor must ensure strict compliance to the approved "Progress Programme and in case of default is likely to be penalized upto 5% of the cost of work falling short of the Program in any one month.

- 18 The Contractor is required to have available the following equipment:

- a. Concrete Mixers.
- b. (Sufficient number of trucks and wheel barrows for transportation of materials.
- c. Shuttering timber in sufficient quantity.
- d. 6: test cube-moulds and slump cones.
- e. Vibratore

