

Tender Notice INVITATION TO BID

TENDER NO. SLIC/RE-CIVIL-MAINTT/1605/2025

State Life Insurance Corporation of Pakistan (SLIC) invites bids through **EPADS**, under **Single Stage Two Envelope Procedure**, from the experienced firms / contractors of the field registered with Income Tax Department, Sindh Revenue Board (**SRB**) for **SST &** who are on Active Taxpayers List of the Federal Board of Revenue (**FBR**) and valid **PEC** Registration in **C - 5 & above Category** and eligible to handle the work for **Renovation and Maintenance work Relating to Civil, Plumbing and Electrical works in State Life Building No. 2A, 2C and Mechanical Block, Wallace Road, Karachi.**

Bidding Documents, containing detailed terms and conditions etc. are available for download on **EPADS** <https://eprocure.gov.pk> and **State Life** website www.statelife.com.pk free of cost.

The bids prepared in accordance with the instructions in the bidding documents, must be submitted through **EPADS** on or before **06-08-2025** upto **11:00 A.M.** Bids will be opened on same day at **11:30 A.M.**

Contractors are advised to submit **Original Bid Security** on or before **06-08-2025** at **11:00 A.M.** in the office of undersigned.

This advertisement is available on **PPRA** website www.ppra.org.pk and **State Life** website www.statelife.com.pk, however the bids shall be submitted through **EPADS**. Any bid submitted other than **EPADS** will not be considered.

AGM (Civil / Maintt:) - RE

State Life Insurance Corporation of Pakistan,
5th Floor, Real Estate Division,
State Life Building No.9, Principal Office,
Dr. Ziauddin Ahmed Road, Karachi.
Phone #: 021-99202848, 021-99204520

STATE LIFE INSURANCE CORPORATION OF PAKISTAN
PRINCIPAL OFFICE KARACHI – REAL ESTATE DIVISION

Date: 08-07-2025



**Tender for Renovation and Maintenance work Relating to Civil,
Plumbing and Electrical works in State Life Building No. 2A, 2C
and Mechanical Block, Wallace Road, Karachi.**

TECHNICAL BID

POST-QUALIFICATION DOCUMENT

TENDER NO. SLIC/RE-CIVIL-MAINTT/1605/2025

AGM (Civil / Maintt:)

Real Estate Division

State Life Insurance Corporation of Pakistan

5th Floor, State Life Building No. 9,

Dr. Ziauddin Ahmed Road, Karachi.

Phone #: 021-99202848 - 99204520.

POST-QUALIFICATION DOCUMENTS

INSTRUCTIONS TO BIDDERS

State Life Insurance Corporation of Pakistan (SLIC) Invites Bids through EPADS from eligible firms or contractors of the field with adequate experience and must be **Registered** with **NTN, SRB** for SST and **PEC** in **C - 5 and above Category** and handle the work for **Renovation and Maintenance Relating to Civil, Plumbing and Electrical works in State Life Building No. 2A, 2C and Mechanical Block, Wallace Road, Karachi.**

- A. Bidding Documents, containing detailed terms and conditions etc. are available for download on **EPADS** <https://eprocure.gov.pk> and **PPRA** website www.ppra.org.pk free of cost.
- B. Single stage two envelope procedure as per PPRA Rules will be adopted for this Tender. Bid shall comprise of a single package containing two separate bids. One bid shall contain separately Post-Qualification Documents clearly marked **“Technical Bid”** and 2nd bid containing the Bidding and Contract Documents clearly marked **“Financial Bid”**. Both bids shall be uploaded through **EPADS** upto **11:00 A.M.** on or before **06-08-2025**. However, **Bid Security** amount Rs.1,000,000/- in shape of pay order must be submitted at the address given in tender notice before closing date & time else tender will be rejected. Technical Bids will be opened on above same date at **11:30 A.M.** in the presence of those tenderers who opt to be present. Late Bids will be rejected.
- C. Interested firms / contractors must ensure that all the required documents are submitted. Incomplete documents received without undertaking, valid documentary evidence, supporting documents, unsigned or unstamped, after stipulated time or submitted by other than EPADS will not be considered.
- D. Bids will be received only from those firms who are registered with PPRA for **e-Procurement** on **EPADS**.
- E. SLIC may accept or reject any or all applications in the light of PPRA Rules.

POST-QUALIFICATION DOCUMENTS

APPLICATION INSTRUCTIONS FOR THE POST-QUALIFICATION

All eligible firms / contractors desiring to qualify for tender for this contract should complete and submit the Post-Qualification Form through EPADS.

AGM (Civil / Maintt:)

Real Estate Division

State Life Insurance Corporation of Pakistan
5th Floor, State Life Building No. 9,
Dr. Ziauddin Ahmed Road, Karachi.

No later than 06-08-2025 upto 11:00 A.M.

All inquiries relative to this document and / or post-qualification form should be addressed in writing to the **AGM (Civil / Maintt:) 5th Floor Real Estate Division, State Life Building No.9, Dr. Ziauddin Ahmed Road, Karachi.**

1. The SLIC will review the information supplied by the firm submitting post-qualification form and will advise the applicants of their decision. The **“Financial Bid”** of Post Qualified Tenderers will be opened after finalization of technical evaluation and will be announced on EPADS system accordingly
2. Contractors / firms shall bear all costs associated with the preparation and submission of their proposals. SLIC reserves the right to annul the selection process at any time prior to contract award, without thereby incurring any liability to the contractors.

**Tender for Renovation and Maintenance work Relating to Civil, Plumbing and Electrical works
in State Life Building No. 2A, 2C and Mechanical Block, Wallace Road, Karachi**

3. Contractors are required to submit the following documents:
- i. Company Profile.
 - ii. NTN & SRB Registration Nos: **(Mandatory)**
 - iii. Registration as contractor with **PEC** in **C - 5** or above category **(Mandatory)**.
 - iv. Relevant experience of construction work.
 - v. List of technical and supervisory staff.
 - vi. Detail of construction works completed or presently in hand with cost.
 - vii. Location of Offices.
 - viii. Detail of machinery and equipments.
 - ix. **Undertaking** on non-judicial stamp paper (Rs.100/-) that the business is not blacklisted by any of Provincial or Federal Government Department, Agency Organization or Autonomous body or Private Sector Organization anywhere in Pakistan **(Mandatory)**.
 - x. Last (03) three year's Financial / Bank Statements. (2022 - 2023 & 2024)
4. Firms submitting post-qualification applications may be required during the review process to make personal presentations of their qualifications to the SLIC. If so, the candidate management personnel of the firms will be required to be present.

APPLICATION FORM

RETURN TO:

AGM (Civil / Maintt:)

Real Estate Division

State Life Insurance Corporation of Pakistan

5th Floor, State Life Building No. 9,

Dr. Ziauddin Ahmed Road, Karachi.

NOTE Mandatory Requirement:

- Valid PEC Registration in C – 5 and above category **(Mandatory)**
- Valid NTN & SRB Registration Nos: **(Mandatory)**
- **Undertaking on non-judicial stamp paper @ Rs.100/-** that the business is not blacklisted by any of Provincial or Federal Government Department, Agency Organization or Autonomous body or Private Sector Organization anywhere in Pakistan **(Mandatory)**
- Firms / Contractors obtaining **less than 10 marks** in average annual value shall be **disqualified**.

Please complete the following:

1. a. SUBMITTED BY
- b. REGISTERED ADDRESS

2. COMPANY INFORMATION:

- a. FULL NAME OF THE COMPANY / FIRM
- b. REGISTERED OFFICE ADDRESS
- c. DESCRIPTION OF COMPANY / FIRM
- d. TELEPHONE NUMBER
- e. E-mailFax.....
- f. CONTRACTOR'S NAME – TITLE:
- g. NAME OF PRESENT EXECUTIVE
DIRECTOR AND THEIR POSITION
IN THE (COMPANY, WITH BIO-DATA

3. CONTRACTOR'S LICENSES CURRENTLY VALID:

- a. TYPE OF LICENSES: _____ LOCATION: _____

- b. Are you registered with the Pakistan Engineering Council?
Yes _____ No _____ If so Reg. (attach copy)

4. ORGANIZATION:

- a. TYPE OF BUSINESS ORGANIZATION (CORPORATION, JOINT VENTURE, PARTNERSHIP ETC.):

- b. IF JOINT VENTURE, NAMES OF THE JOINT VENTURE PARTNERS WITH NAME OF THE LEADING PARTNER.

- c. IF PARTNERSHIP, NAME OF THE PARTNERS WITH POSITION HELD BY EACH PARTNER.

- d. DATE BUSINESS STARTED:
- e. UNDER PRESENT MANAGEMENT SINCE:
- f. NET WORTH:

5. FINANCIAL DATA:

- a. ANNUAL VALUE (TURNOVER) LAST THREE YEARS IN PAKISTAN RUPEES:
2022
2023.....
2024
- b. ATTACH THE FINANCIAL / BANK STATEMENT AND INCOME TAX RETURN OF LAST (03) THREE YEARS OF YOUR FIRM:
- If joint venture, financial statements and income tax return of each firm must be submitted.

6. EXPERIENCE / PERFORMANCE RECORD:

- a. Please provide a brief resume of works completed by your firm in the last six years including all jobs involving construction works (see attached Form - I)
- b. List of Projects currently in progress of construction works, (see attached Form - 2).

**Tender for Renovation and Maintenance work Relating to Civil, Plumbing and Electrical works
in State Life Building No. 2A, 2C and Mechanical Block, Wallace Road, Karachi**

7. ORGANIZATION:

- a. What is the size of your permanent, (full time work force)?
- b. Provide organization chart of your firm. Indicate lines of communication and reporting responsibility.
- c. Detail of technical staff with their qualification and experience.
- d. Details of execution equipment, plants, machinery and tools owned by the organization and to be utilized on the project.

8. LITIGATION ETC:

Provide details of all cases, present and past under dispute or litigation / arbitration.

9. LIST OF REFERENCES:

- a. From Clients (Attach certificates from Client or Consultant)

1

2

3

4

5

10. ADD BANK ACCOUNT DETAILS:

- 1. IBAN #: _____
- 2. Name of Bank: _____
- 3. Title of Account: _____

POST – QUALIFICATION FORM – 1

EXPERIENCE – I:

Please fill in the information about the works related to similar construction project completed over the past six years. (each project not less than Rs.10 Million).

NAME OF EMPLOYER	NAME, LOCATION & TYPE OF PROJECT	CONTRACT PRICE AND YEAR (Rs.)	DESCRIPTION OF WORK	WAS CONTRACT SATISFACTORILY COMPLETED, INCLUDING TIME PROVISION

POST – QUALIFICATION FORM – 2

EXPERIENCE – II:

Give the information about the works related to similar construction projects in progress, including those where the firm has received letter of intent, but a formal contract has not yet been awarded: (each project not less than Rs.10 Million).

NAME OF EMPLOYER	NAME, LOCATION & TYPE OF PROJECT	CONTRACT PRICE (Rs.)	DESCRIPTION OF WORK	PERCENTAGE OF PRACTICAL COMPLETION	SCHEDULED DATE OF COMPLETION OF WORK

POST-QUALIFICATION CRITERION

The following criterion will be followed for the evaluation of the contractors who participate in the post-qualification process.

NOTE: Mandatory Requirement:

- Valid PEC Registration in **C - 5** and above Category **(Mandatory)**.
- Valid NTN & SRB Registration Nos: **(Mandatory)**.
- **Undertaking on non-judicial stamp paper @ Rs.100/-** that the business is not blacklisted by any of Provincial or Federal Government Department, Agency Organization or Autonomous body or Private Sector Organization anywhere in Pakistan **(Mandatory)**.
- Firms / Contractors obtaining **less than 10 marks** in average annual value shall be **disqualified**.

Name of the Firm: Address: Contacts: Email:			
S.#	Description	details	Marks Allocation
1	STATUS OF THE FIRM (Years of establishment)	10 Marks	01 Mark per year
2	LIST OF OFFICE STAFF. (Technical)	10 Marks	01 Mark for each Technical Staff Member
3	LIST OF EQUIPMENTS REQUIRED WITH REFERENCE TO SUBJECT WORK.	10 Marks	01 Mark for each equipment
4	EXPERIENCE OF SIMILAR CONSTRUCTION WORKS COMPLETED DURING PAST (06) SIX YEARS.	40 Marks	1 PROJECT = 10 Marks each project not less than Rs. 10 (Million)
5	EXPERIENCE OF SIMILAR CONSTRUCTION WORKS PRESENTLY IN HAND.	10 Marks	1 PROJECT = 05 Marks each project not less than Rs. 10 (Million)
6	AVERAGE (Annual Value last three years) 2022-2023 & 2024.	20 Marks	Rs. 30 (M) or above 20 20 – 30 (M) 15 10 – 20 (M) 10 < 10 (M) 00
	TOTAL MARKS	Total 100	SELECTION MARKS 60 OUT OF 100

**Tender for Renovation and Maintenance work Relating to Civil, Plumbing and Electrical works
in State Life Building No. 2A, 2C and Mechanical Block, Wallace Road, Karachi**

Seal and Signature of Contractor / Firm

STATE LIFE INSURANCE CORPORATION OF PAKISTAN
PRINCIPAL OFFICE KARACHI - REAL ESTATE DIVISION

Date: 08-07-2025



**Tender for Renovation and Maintenance work Relating to Civil,
Plumbing and Electrical works in State Life Building No. 2A, 2C
and Mechanical Block, Wallace Road, Karachi.**

FINANCIAL BID

BIDDING AND CONTRACT DOCUMENTS

TENDER NO. SLIC/RE-CIVIL-MAINTT/1605/2025

INSTRUCTIONS TO BIDDERS
BIDDING DATA
FORM OF BID & SCHEDULES TO BID
STANDARD FORMS
CONDITIONS OF CONTRACT
SPECIFICATIONS (Special Provisions)
SPECIFICATIONS (Technical Provisions)

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INVITATION FOR BIDS

Bid Reference No: SLIC/RE-CIVIL-MAINTT/1605/2025

1. **State Life Insurance Corporation of Pakistan (SLIC)** invites bids through **EPADS**, under **single stage two envelope procedure**, from the experienced firms / contractors of the field registered with Income Tax Department, Sindh Revenue Board for **SST &** who are on Active Taxpayers List of the Federal Board of Revenue (**FBR**) and valid **PEC** Registration in **C - 5 & above category** and eligible to handle the work for **Renovation and Maintenance work Relating to Civil, Plumbing and Electrical works in State Life Building No.2A, 2C and Mechanical Block, Wallace Road, Karachi.**
2. Bidding Documents, containing detailed terms and conditions etc. are available for download on **EPADS** <https://eprocure.gov.pk> and **PPRA** website www.ppra.org.pk free of cost.
3. The bids prepared in accordance with the instructions in the bidding documents, must be submitted through **EPADS** on or before **06-08-2025** upto **11:00 A.M.** Bids will be opened on same day at **11:30 A.M.**
4. **Bid security** amount **Rs.1,000,000/-** in shape of pay order must be submitted at the address given in tender notice before closing date & time else tender will be rejected.
5. Bids will be received only from those firms who are registered with **PPRA** for **e-Procurement** on **EPADS System.**
6. State Life reserve the rights to accept or reject any or all the Bids in the Light of **PPRA Rules.**

**Tender for Renovation and Maintenance work Relating to Civil, Plumbing and Electrical works in
State Life Building No. 2A, 2C and Mechanical Block, Wallace Road, Karachi**

Introduction:

State Life Building No.2A, 2C and Mechanical Block Located at Wallace Road, Karachi. SLB-2A is Ground + 6 Floors Building and has entrance hall at each floor consisting of a stair case, lift lobby and toilet areas. The sanitary drainage lines running separately in service duct of toilet area in each hall of the building. Mechanical Block is Ground + 1st Floor structure and SLB-2C is an old structure.

Scope of work:

Renovation works under this tender related to Civil, Plumbing & Electrical works in Washroom & Lift Lobby Areas from **Ground to 6th Floor** in SLB-2A and repair and paint work required in Mechanical Block.

Renovation work includes laying new tiles, fixing new UPVC Pipes for Sewerage Line in Service Duct, PPRC Pipes for concealed / exposed Water Lines, New WCs, Commodes, Wash Basin, replacement of wooden door work in Washrooms and Paint work & False Ceiling and Chemical Polishing of existing tiles in Lift Lobby Areas.

INSTRUCTIONS TO BIDDERS

A. GENERAL

IB.1 Scope of Bid

- 1.1 The Employer as defined in the Bidding Data hereinafter called “the Employer” wishes to receive bids for the works as described in these Bidding Documents, and summarized in the Bidding Data hereinafter referred to as the “Works”.

IB.2 Source of Funds

- 2.1 The Employer has arranged funds from its own sources.

IB.3 Eligible Bidders

- 3.1 This Invitation for Bids is open to all bidders meeting the following **Mandatory** requirements:
- a. Valid **NTN & SRB** for **SST** Registration Certificates.
 - b. **PEC** Registered in **C - 5** and above Category.
 - c. **Not backlisted** by any of Provincial or Federal Government Department, Autonomous body or Private Sector Organization anywhere in Pakistan.
 - d. Firms/Contractors obtaining **less than 10 marks** in average annual value shall be **disqualified**.

IB.4 Cost of Bidding

- 4.1 The bidders shall bear all costs associated with the preparation and submission of their respective bids and the Employer will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

IB.5 Site Visit

- 5.1 The bidders are advised to visit and examine the Site of Works and its surroundings and obtain for themselves on their own responsibility all information that may be necessary for preparing the bid and entering into a contract for the Works. All cost in this respect shall be at the bidder's own expense.

B. BIDDING DOCUMENTS

IB.6 Contents of Bidding Documents

6.1 The Bidding Documents, in addition to invitation for bids, are those stated below and should be read in conjunction with any Addenda issued in accordance with Clause IB.8.

1. Instructions to Bidders.
2. Bidding Data.
3. Form of Bid & Appendices to Bid.
Appendices to Bid comprise the following:
 - i. Schedule A: Contract Data.
 - ii. Schedule B: Schedule of Prices.
 - iii. Schedule C: Proposed Programme of Works.
 - iv. Schedule D: Organization Chart for Supervisory Staff and Labour.
 - v. Schedule E: List of Major Equipments.
4. **Conditions of Contract:**
5. **Standard Forms:**
 - i. Performance Security.
 - ii. Form of Contract Agreement.
6. **Specifications:**
 - i. Special Provision.
 - ii. Technical Provision.

IB.7 Clarification of Bidding Documents

7.1 Any prospective bidder requiring any clarification (s) in respect of the Bidding Documents may notify the Employer in writing at the Employer's address indicated in the Invitation for Bids.

IB.8 Amendment of Bidding Documents

- 8.1 At any time prior to the deadline for submission of bids, the Employer may, for any reason, whether at his own initiative or in response to a clarification requested by a prospective bidder, modify the Bidding Documents by issuing addendum.
- 8.2 Any addendum thus issued shall be part of the Bidding Documents pursuant to Sub-Clause 6.1 hereof and shall be communicated in writing to all purchasers of the Bidding Documents. Prospective bidders shall acknowledge receipt of each addendum in writing to the Employer.

C. PREPARATION OF BIDS

IB.9 Language of Bid

9.1 The bid and all correspondence and documents related to the bid exchanged by a bidder and the Employer shall be in the bid language stipulated in the Bidding Data and Particular Conditions of Contract. Supporting documents and printed literature furnished by the bidders may be in any other language provided the same are accompanied by an accurate translation of the relevant parts in the bid language, in which case, for purposes of evaluation of the bid, the translation in bid language shall prevail.

IB.10 Documents Accompanying the Bid

10.1 The bid prepared by the bidder shall comprise the following components:

- a. Covering Letter
- b. Form of Bid duly filled, signed and stamped.
- c. Schedules (A to E) to Bid duly filled and initialed in accordance with the instructions contained therein & in accordance with Sub-Clause IB.16.3.
- d. Bid Security furnished in accordance with Clause 1B.13.

10.2 Bids submitted by a joint venture of two (2) or more firms shall comply with the following requirements:

- a. the bid and in case of a successful bid, the Form of Contract Agreement shall be signed so as to be legally binding on all partners;
- b. one of the joint venture partners shall be nominated as being in charge; and this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the joint venture partners;
- c. the partner-in-charge shall always be duly authorized to deal with the Employer regarding all matters related with and/or incidental to the execution of Works as per the terms and Conditions of Contract and in this regard to incur any and all liabilities, receive instructions, give binding undertakings and receive payments on behalf of the joint venture;
- d. all partners of the joint venture shall at all times and under all circumstances be liable jointly and severally for the execution of the Contract in accordance with the Contract terms and a statement to this effect shall be included in the authorization mentioned under Sub-Para(b) above as well as in the Form of Bid and in the Form of Contract Agreement (in case of a successful bid); and
- e. a copy of the agreement entered into by the joint venture partners shall be submitted with the bid stating the conditions under which it will function, its period of duration, the persons authorized to represent and obligate it and which persons will be directly responsible for due performance of the Contract and can give valid receipts on behalf of the joint venture, the proportionate participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning. No amendments / modifications whatsoever in the joint venture agreement shall be agreed to between the joint venture partners without prior written consent of the Employer.

IB.11 Bid Prices

- 11.1 Unless stated otherwise in the Bidding Documents, the Contract shall be for the whole of the Works as described in Sub-Clause 1.1 hereof, based on the unit rates and / or prices submitted by the bidder.
- 11.2 The bidders shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Items against which no rate or price is entered by a bidder will not be paid for by the Employer when executed and shall be deemed covered by rates and prices for other items in the Bill of Quantities.
- 11.3 The unit rates and prices in the Schedule of Prices shall be quoted by the bidder in the currency as stipulated in Bidding Data.

IB.12 Documents Establishing Bidder's Eligibility and Qualifications

- 12.1 Pursuant to Clause IB.6, the bidder shall furnish, as part of its bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.
- 12.2 Bidders must possess and provide evidence of its capability and the experience as stipulated in Bidding Data and in the Bidding Documents.

IB.13 Bid Security

- 13.1 Each bidder shall furnish, as part of his bid, a **Bid Security** as stipulated in the Bidding Data in Pak Rupees in the form of payorder/demand draft in favour of employer must be submitted at the address given in tender notice before closing date & time else their bid will be rejected.
- 13.2 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Employer as non-responsive.
- 13.3 The bid securities of 3rd lowest & above bidders will be returned upon scrutiny of bids while to 2nd lowest after award of work to successful bidder.
- 13.4 The Bid Security of the successful bidder will be returned when the bidder has furnished the required performance security and signed the Contractor Agreement.
- 13.5 The Bid Security may be forfeited:
 - a. if the bidder withdraws his bid during the period of bid validity or
 - b. if the bidder does not accept the correction of his Bid Price pursuant to Sub-Clause 25.2 hereof; or
 - c. In the case of successful bidder, if he fails within the specified time limit to:
 - i. Furnish the required performance security.
 - ii. Sign the Contract Agreement in accordance with sub-clause IB.31.1.

IB.14 Bid Validity

- 14.1 Bids shall remain valid for the period stipulated in the Bidding Data after the Date of Bid Opening.
- 14.2 In exceptional circumstances, prior to expiry of the original bid validity period, the Employer may request that the bidders extend the period of validity for a specified additional period which shall in no case be more than the original bid validity period. The request and the responses thereto shall be made in writing.

A bidder may refuse the request without forfeiting his Bid Security. A bidder agreeing to the request will not be required or permitted to modify his bid.

IB.16 Format and Signing of Bid

- 16.1 Bidders are particularly directed that the amount entered on the Form of Bid shall be for performing the Contract strictly in accordance with the Bidding Documents.
- 16.2 All appendices / schedules to Bid are to be properly completed and signed.
- 16.3 No alteration is to be made in the Form of Bid nor in the Appendices thereto except in filling up the blanks as directed. If any such alterations be made or if these instructions be not fully complied with, the bid may be rejected.
- 16.4 Each bidder shall prepare by filling out the forms completely and without alterations one (1) original copy, specified in the Bidding Data, of the documents comprising the bid as described in Clause IB.6.
- 16.5 The original copy of the bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign on behalf of the bidder. All pages of the bid shall be initialed and stamped by the person or persons signing the bid.

D. SUBMISSION OF BIDS

IB.17 Sealing and Marking of Bids

17.1 Each bidder shall submit his bid as under:

- (a) ORIGINAL copy of the Bid shall be signed, stamped and marked as
**“Tender for Renovation and Maintenance work Relating to Civil,
Plumbing and Electrical works in State Life Building No. 2A, 2C and
Mechanical Block, Wallace Road, Karachi.”**

(b) be addressed to the Employer at the address provided in the Bidding Data;

IB.18 Deadline for Submission of Bids

18.1 Bids must be received by the Employer through e-PADS at the address specified no later than the time and date stipulated in the Bidding Data.

IB.19 Late Bids

19.1 Any bid received by the Employer after the deadline for submission of bids prescribed in Bidding Data will be returned unopened to such bidder.

IB.20 Modification, and Withdrawal of Bids

20.1 Any bidder may modify or withdraw his bid after bid submission provided that the modification or written notice of withdrawal is received by the Employer prior to the deadline for submission of bids.

20.2 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security in pursuance to Clause IB.13.5 (a).

E. BID OPENING AND EVALUATION

IB.21 Bid Opening

21.1 The Employer will open the bids, including withdrawals, substitution and modifications made pursuant to Clause IB.20, in the presence of bidders' representatives who choose to attend, at the time, date and location stipulated in the Bidding Data.

21.2 The bidder's name, total Bid Price and any discounts, bid modifications and withdrawals, the presence or absence of Bid Security, and such other details as the Employer may consider appropriate, will be announced by the Employer at the opening of bids.

IB.22 Process to be Confidential

- 22.1 Information relating to the examination, clarification, evaluation and comparison of bid and recommendations for the award of a contract shall not be disclosed to bidders or any other person not officially concerned with such process before the announcement of bid evaluation report which shall be done at least fifteen (15) days prior to issue of Letter of Acceptance. The announcement to all Bidders will include table(s) comprising read out prices, discounted prices, price adjustments made, final evaluated prices and recommendations against all the bids evaluated. Any effort by a bidder to influence the Employer's processing of bids or award decisions may result in the rejection of such bidder's bid. Whereas any bidder feeling aggrieved may lodge a written complaint not later than fifteen (15) days after the announcement of the bid evaluation report; however mere fact of lodging a complaint shall not warrant suspension of the procurement process.

IB.23 Clarification of Bids

- 23.1 To assist in the examination, evaluation and comparison of bids, the Employer may, at his discretion, ask any bidder for clarification of his bid, including breakdowns of unit rates. The request for clarification and the response shall be in writing but no change in the price or substance of the bid shall be sought, offered or permitted.

IB.24 Examination of Bids and Determination of Responsiveness

- 24.1 Prior to the detailed evaluation of bids, the Employer will determine whether each bid is substantially responsive to the requirements of the Bidding Documents.
- 24.2 A substantially responsive bid is one which (i) meets the eligibility criteria; (ii) has been properly signed; (iii) is accompanied by the required Bid Security; and (iv) conforms to all the terms, conditions and specifications of the Bidding Documents, without material deviation or reservation. A material deviation or reservation is one (i) which affect in any substantial way the scope, quality or performance of the Works; (ii) which limits in any substantial way, inconsistent with the Bidding Documents, the Employer's rights or the bidder's obligations under the Contract; or (iii) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.
- 24.3 If a bid is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.

IB.25 Correction of Errors

- 25.1 Bids determined to be substantially responsive will be checked by the Employer for any arithmetic errors. Errors will be corrected by the Employer as follows:
- (a) where there is a discrepancy between the amounts in figures and in words, the amount in words will govern; and
 - (b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern, unless in the opinion of the Employer there is an obviously gross misplacement of the decimal point in the unit rate, in which case the line item total as quoted will govern and the unit rate will be corrected.
- 25.2 The amount stated in the Form of Bid will be adjusted by the Employer in accordance with the above procedure for the correction of errors and with the concurrence of the bidder, shall be considered as binding upon the bidder. If the bidder does not accept the corrected Bid Price, his Bid will be rejected, and the Bid Security shall be forfeited in accordance with Sub- Clause 13.5.(b) hereof.

IB.26 Evaluation and Comparison of Bids

- 26.1 The Employer will evaluate and compare only the Bids determined to be substantially responsive in accordance with Clause IB.24.
- 26.2 In evaluating the Bids, the Employer will determine for each Bid the evaluated Bid Price by adjusting the Bid Price as follows:
- (a) Making any correction for errors pursuant to Clause IB.25.
 - (b) Making an appropriate adjustment for any other acceptable variation or deviation.
- 26.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in Bid evaluation.
- 26.4 If the Bid of the successful bidder is seriously unbalanced in relation to the Employer's estimate of the cost of work to be performed under the Contract, the Employer may require the bidder to produce detailed price analyses for any or all items of the Bill of Quantities to demonstrate the internal consistency of those prices with the construction methods and schedule proposed.

F. AWARD OF CONTRACT

IB.27 Award

27.1. Subject to Clauses IB.28 the Employer will award the Contract to the bidder whose bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid Price, provided that such bidder has been determined to be eligible in accordance with the provisions of Clause IB.3 and qualify pursuant to Sub-Clause IB. 27.2.

27.2 The Employer, at any stage of the bid evaluation, having credible reasons for or *prima facie* evidence of any defect in contractor's capacities, may require the contractors to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not:

Provided that such qualification shall only be laid down after recording reasons therefor in writing. They shall form part of the records of that bid evaluation report.

IB.28 Employer's Right to Accept any Bid and to Reject any or all Bids

28.1 Notwithstanding Clause IB.27 the Employer reserves the right to accept or reject any Bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected bidders or any obligation except that the grounds for rejection of all bids shall upon request be communicated to any bidder who submitted a bid, without justification of grounds. Rejection of all bids shall be notified to all bidders promptly.

IB.29 Notification of Award

29.1 Prior to expiration of the period of bid validity prescribed by the Employer, the Employer will notify the successful bidder in writing ("Letter of Acceptance") that his Bid has been accepted.

IB.30 Performance Security

30.1 The successful bidder shall furnish to the Employer a Performance Security in the form and the amount stipulated in the Contract Data and the Conditions of Contract within a period of 03 days after the receipt of Letter of Acceptance.

30.2 Failure of the successful bidder to comply with the requirements of Sub-Clause IB.30.1 or Clauses IB.31.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.

IB.31 Signing of Contract Agreement

31.1 The formal Agreement between the Employer and the successful bidder shall be executed within 3 days from the date of furnishing of acceptable performance security under the Conditions of Contract.

BIDDING DATA

BD-1

Bidding Data

The following specific data for the Works to be bided shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.

Instructions to Bidders

Clause Reference

1.1 Name and Address of the Employer:

State Life Insurance Corporation of Pakistan,
Principal Office State Life Building No.9,
Dr. Ziauddin Ahmed Road, Karachi.

Summary of the Works:

“Renovation and Maintenance Relating to Civil, Plumbing and Electrical works in State Life Building No. 2A, 2C and Mechanical Block, Wallace Road, Karachi.”

3.1 Eligible Bidders

This Invitation for Bids is open to all bidders meeting the following **Mandatory** requirements:

- a. Valid NTN and SRB for SST Registered.
- b. PEC Registered in C- 5 and above category.
- c. **Not blacklisted** by any of Provincial or Federal Government Department, Autonomous body or Private Sector Organization anywhere in Pakistan.
- d. Firms/Contractors obtaining **less than 10 marks** in average annual value shall be **disqualified**.

3.2 In case any of the mandatory documents mentioned above is missing the financial bid will not be considered.

11.3 *Bidders to quote entirely in **Pak Rupees**. The Payment shall be made in **Pak Rupees**.*

13.1 Amount of Bid Security:

Rs.1,000,000/- in shape of Pay order / Bank Draft in favour of State Life Insurance Corporation of Pakistan and must be submitted at the address given in tender notice before closing date & time else their bid will be rejected.

14.1 Period of Bid Validity: 180 days

19.1 Number of copies of the Bid to be submitted.

- a. **Through EPADS**
- b. Employer's address for the purpose of Bid submission:
Real Estate Division
Principal Office 5th Floor, State Life Building No.9,
Dr. Ziauddin Ahmed Road, Karachi.
Phone #: 021-99204520 - 021-99202848

18.1 Deadline for submission of bids:
As per notice of Invitation for Bid.

21.1 Venue, time, and date of Bid opening:
As per notice of Invitation for Bid.

FORM OF BID

AND

APPENDICES TO BID

FB-1

FORM OF BID

Bid Reference No. **SLIC/RE-CIVIL-MAINTT/1605/2024**

Sub: Tender for Renovation and Maintenance Relating to Civil, Plumbing and Electrical works in State Life Building No. 2A, 2C and Mechanical Block, Wallace Road, Karachi.

To:

Gentleman,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract. Specifications, Drawings and Bill of Quantities and Addenda Nos. _____ for the execution of the above-named Works, we, the undersigned, offer to execute and complete such Works and remedy any defects therein in conformity with the Conditions of Contract. Specifications, Drawings, Bill of Quantities and Addenda for the sum of
Rs. _____ Rupees _____
_____).
2. We understand that all the Appendices attached hereto form part of this Bid.
3. We submit herewith a Bid Security in the amount of Rs _____
(Rupees _____) in shape
of payorder/demand draft #: _____ Dated: _____ of _____ Bank
drawn in your favour of State Life Insurance Corporation of Pakistan.
4. We undertake, if our Bid is accepted, to commence the Works and to complete the whole of the Works comprised in the Contract within the time stated in Contract Documents.
5. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
6. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other bidder for the works.

FB-2

7. We understand that you are not bound to accept the lowest or any Bid you may receive.

Dated this _____ day of _____ 20_____

Signature: _____

in the capacity of _____ duly authorized to sign Bids for and on behalf of

(Name of Bidder in Block Capitals)
(Seal)

Address: _____

Witness:

Signature: _____

Name: _____

Address. _____

Occupation _____

BA-1

Appendix-A to Bid

CONTRACT DATA

Conditions of Contract
Clause Reference

- 1.1. (a) **The Employer Means**
State Life Insurance Corporation of Pakistan
- 1.1. (a) **The Contractor Means**
Successful Bidder, whose bid is accepted by the Employer.
- 1.1. (a) **The Engineer Means**
Real Estate Division
- 1.1. (b) **Employer's Drawings**
As per list attached in the Document.
- 3.1 **Documents forming the Contract listed in the order of Priority.**
- a. The Contract Agreement.
 - b. Letter of Acceptance.
 - c. Form of Bid.
 - d. Conditions of Contract.
 - e. Contract Data.
 - f. The Complete Appendences to Bid Including Schedule of Prices.
 - g. The Specifications.
- 3.2 **Authorized Person:** Real Estate Division
- 4.3 **Amount of Performance Security:**
10% of Contract Price stated in the Letter of Acceptance.
- 5.1 **Programme:**
Time for Submission: Within Three (03) days of the Commencement Date.
- 11.1 **Commencement Date Means**
Within three (03) days after signing of the Contract Agreements.
- 11.2 **Time for Completion**
(06) Six Months (Inclusive Holidays)

BA-2

Appendix-A to Bid

Conditions of Contract
Clause Reference

11.5 Amount of Liquidated Damages

0.1% per day of delay in completion the works subject to maximum of **10%** of contract price stated in the Letter of Acceptance.

12.1 Defects Liability Period

Twelve (12) Calendar Months.

17.1 a. Terms of Payments

- (i) Thorough Interim Payment Not less than **15%** of contract price as stated in Letter of Award (LOA) except final bill.
- (ii) Time of Payment within 15 days from Delivery of Engineer's Certificate for Interim Payment and 45 days for Final Payment.

17.2 a. Percentage of Retention Money:

Five Percent (**5%**) of total work done to be deducted from each amount of Interim and Final Payment Bill.

b. Release of Retention Money:

After satisfactory completion of defect liability period.

19.1 Insurance

Type of Cover

Third party – Death or Injury to Persons and Damage to Property.
Three percent (3%) of contract price per occurrence with number of occurrences unlimited.

20. Escalation:

No escalation will be allowed for this contract.

21.1 Arbitration: Place of Arbitration: Karachi.

BB-1
Appendix-B to Bid

BILL OF QUANTITIES

A. Preamble

1. The Bill of Quantities shall be read in conjunction with the Conditions of Contract, Specifications and Drawings.
2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work executed and measured by the Contractor and verified by the Engineer and valued at the rates and prices entered in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Engineer may fix as per the Contract.
3. The rates and prices entered in the priced Bill of Quantities shall, except insofar as it is otherwise provided under the Contract include all costs of Contractor's plant, **scaffolding** labour, supervision, materials, shuttering, execution, insurance, profit, taxes, duties and **SST @ admissible rate** together with all general risks, liabilities and obligations set out or implied in the Contract. Furthermore all duties, taxes and other levies payable by the Contractor under the Contract, shall be included in the rates and prices and the total Bid Price submitted by the Bidder.
4. A rate or price shall be entered against each item in the priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the Contractor will have failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.
5. The whole cost of complying with the provisions of the Contract shall be included in the items provided in the priced Bill of Quantities, and where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the Works.
6. General directions and description of work and materials are not necessarily repeated nor summarised in the Bill of Quantities. References to the relevant sections of the Bidding Documents shall be made before entering prices against each item in the priced Bill of Quantities.
7. Provisional sums included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Engineer.

**Tender for Renovation and Maintenance work Relating to Civil,
Plumbing and Electrical works in State Life Building No. 2A, 2C and
Mechanical Block, Wallace Road, Karachi.**

BILL OF QUANTITIES

B. Work Items

1. The Bill of Quantities contains the following Bills and Schedule:

Bill No. 1

2. Bidders shall price the Bill of Quantities in Pakistani Rupees only.

**Tender for Renovation and Maintenance Relating to Civil, Plumbing and Electrical
works in State Life Building No. 2A, 2C and Mechanical Block, Wallace Road, Karachi.**

BILL OF QUANTITIES

S.#:	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Civil Works:				
1	<u>Dismantling of Floor Tile:</u> Dismantling and Removing of existing floor tiles including cutting of 2" thick or as per required depth of CC flooring carefully without any damage to the structure and interior in washroom areas at any floor / height including dispose of debris outside the site including all leads and lifts complete in all respect as per specifications and instructions of Engineer Incharge.	3500	Sft.		
2	<u>Dismantling Block Masonry work:</u> Dismantling and Removing of existing block masonry of any thickness including tiles and CC plaster carefully without any damage to the structure and interior in washroom areas at any floor / height including dispose of debris outside the site including all leads and lifts complete in all respect as per specifications and instructions of Engineer Incharge.	2000	Sft.		
3	<u>Block Masonry:</u> Providing & laying block masonry walls in washroom areas at any floor/height. Blocks shall be modular size solid machine made and the mix used in the CC blocks shall be 1:3:6. The surface texture of the blocks shall be provide a good key for plastering. The cement sand mortar shall be composed of 1 part of OPC cement to 4 parts of sand (1:4 CSM) including curing as directed by Engineer Incharge. <div style="text-align: right;">4" thick 3" thick</div>	2000 500	Sft. Sft.		
4	<u>Screeding:</u> Providing and laying 2" th: CC flooring in 1:3:6 laid under tile floor using crushed or broken stone including laying 0.5mm th: Geo-membrane sheet for waterproofing at any floor/ height complete in all respects as per specifications and instruction of Engineer Incharge.	600	Cft:		
5	<u>Tile work for Floor:</u> Providing and fixing of 7mm th: ceramics tiles (Glazed / Matt:) in washroom areas at any floor make of Master, Shabbir or equivalent as approved "A" Class premium quality with approved shade, size and quality set in approved bond with water seepage treatment (pudlo / equivalent) filling the joints with matching pigment including leveling, washing, cleaning, proper curing & testing as per engineering practice complete in all respect as per specification. Note: Size, Design, shade of tiles to be decided by project team, the contractor may take market price for tile of range b/w Rs.2200/- to Rs.2500/- per Sq.m.	3500	Sft.		
6	<u>Tile on Walls:</u> Removal of existing tiles over walls and chipping of the plaster and Providing and fixing 7mm th: ceramics tiles (Glazed / Matt) in washroom areas at any floor, make of Master, Shabbir or equivalent as approved "A" Class Premium Quality over the walls with approved shade, size and quality set in approved bond, filling the joints with matching pigment, including ½" th: CS Plaster in 1:3 mix cleaning, proper curing, leveling Complete in all respect as per specification or as directed by the Engineer Incharge. Note: Size, Design, shade of tiles to be decided by project team, the contractor may take market price for tile of range b/w Rs.2200/- to Rs.2500/- per Sq.m.	4000	Sft.		

BILL OF QUANTITIES

S.#:	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
7	<u>Tile on Walls:</u> Providing and fixing 7mm th: ceramics tiles (Glazed / Matt) in washroom areas at any floor, make of Master, Shabbir or equivalent as approved "A" Class Premium Quality over the new constructed block masonry walls with approved shade, size and quality set in approved bond, filling the joints with matching pigment, including ½" th: CS Plaster in 1:3 mix cleaning, proper curing, levelling Complete in all respect as per specification or as directed by the Engineer Incharge. Note: Size, Design, shade of tiles to be decided by project team, the contractor may take market price for tile of range b/w Rs.2200/- to Rs.2500/- per Sq.m.	4000	Sft.		
8	<u>Block Masonry:</u> Dismantling the existing loose / damaged block masonry of parapet wall including wooden / iron railing on roof of Mechanical Block and Providing & laying 5" thick block masonry wall Blocks shall be modular size solid machine made and the mix used in the CC blocks shall be 1:3:6. The surface texture of the blocks shall be provide a good key for plastering. The cement sand mortar shall be composed of 1 part of OPC cement to 4 parts of sand (1:4 CSM). Complete in all respect.	500	Sft.		
9	<u>CS Plaster:</u> Providing and applying ¾" thick cement sand CS plaster in 1:4 mix on the masonry walls at any height including scaffolding, curing making of joints, work also include removal of loose CS Plaster where required all works shall be carried out as per satisfaction of Engineer Incharge.	7000	Sft.		
10	<u>UPVC Doors (Frame & Shutters):</u> Providing and fixing of 2" x 2½" UPVC door frame and 1½" th: door shutters in washroom areas at any floor. Cost includes 03 hinges, tower bolt all heavy duty SS, door handle and lock make of Khas / Kgi Newstar including removal of existing wooden door frame & shutters. Work also include providing & making Jambs with CC plaster in 1:3 to prepare smooth surface for fixing new doors complete in all respect as per direction and satisfaction of Engineer Incharge. (Salvage value of old removed wooden door frame / shutters to be quoted at BOQ Item No. 59).	900	Sft.		
11	<u>Wooden Door Shutters:</u> Removing the existing old and damaged wooden door shutters and providing & fixing 1½" thick solid wooden door shutters each comprises and pasted with 3mm ply board finish on both sides. Cost includes lipping, 03 hinges, tower bolts, door locks make of khas/kgi and apply 03 coats of enamel paint of approved shade on both sides of door shutters. (Salvage value of old removed door shutters to be quoted at BOQ Item No.59).	200	Sft.		

BILL OF QUANTITIES

S.#:	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
12	<u>Wooden Door Frame: (size 2"x 4")</u> Providing and fixing partial wooden frame with fixing wooden beading of 1½"x1½" on all flush sides of frames/walls with 03 coats of enamel paint over 01 coats of primer at any floor/height including removal of existing broken/damaged wooden frames complete in all respect as per direction and satisfaction of Engineer Incharge. (Salvage value of old removed door frames to be quoted at BOQ Item No.59).	200	Rft.		
13	<u>Carpentry Repair Work:</u> Removing the existing wooden door frame shutters of any size carefully and refixing the same with all carpentry related repairing work including providing & fixing all necessary hardware items i.e. door lock, hinges, tower bolt etc. complete in all respects as per direction and satisfaction of Engineer Incharge.	06	Nos		
14	<u>Fixing of Glass:</u> Providing and fixing 5mm thick clear glass of best quality with wooden beading / golas of same size/pattern on both sides in existing wooden frame glass doors and fixed wooden glass partition walls at any floor / height complete in all respect.	400	Sft.:		
15	<u>Repair of Wooden Frames:</u> Removing the damaged wooden frames in existing wooden glass partition walls / doors at entrance of Ground Floor & Top Roof and providing & fixing new partial frame of same size & pattern.	200	Rft:		
16	<u>False Ceiling Works:</u> Removing the existing old false ceiling & taking away the same and Providing & Fixing new false ceiling at split level with 8mm thick gypsum board sheet 2'x2' make of United Gypsum / equivalent fixed in powder coated G.I. T-Bar section of best quality approved make at 24" c/c both ways hanging with G.I. wire @ 3' c/c in proper alignment complete in all as respect. (Salvage Value of old false ceiling sheets and aluminum channel to be quoted at BOQ Item No.59).	5000	Sft.		
17	<u>Emulsion Paint:</u> Providing and applying 03 coats of Semi Plastic Emulsion Paint ICI, Gobis, Berger or equivalent over (01) coat of primer on surfaces of walls and ceiling in toilets, lift / entrance lobby and stair areas at any floor including removal of old defective paint by sand papering and applying base filling Complete in all respects as per direction and satisfaction of Engineer Incharge.	38000	Sft.		
18	<u>Matt Emulsion Paint:</u> Providing and applying (03) coats of matt emulsion paint, make of ICI, Gobis, Berger or equivalent over (01) coat primer over surface of walls in lift lobby areas including removal of old defective paint Complete in all respects as per direction and satisfaction of Engineer Incharge.	5000	Sft.		

BILL OF QUANTITIES

S.#:	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
19	<u>Enamel Paint on Hand Railing in Stair:</u> Providing and applying (03) coats of enamel paint over all surfaces of wooden and iron railing in existing stair over (01) coats of primer including removal of old defective paint sand papering, levelling clearing of dust complete in all respect. a. Wooden railing (Double). b. Wooden railing (Single) on wall side.	700 700	Rft: Rft:		
20	<u>Repair of External Beams and Masonry walls:</u> Removing the weak / loose CS Plaster over the external surfaces of existing RCC Jali, masonry walls and RCC Beams and providing & apply ¾" th: CS Plaster in 1:3 (02 layers where required) over the surfaces upto required depth to maintain with exiting level and make the surface smooth complete in all respect.	800	Sft:		
21	<u>Weather Shield Paint: (Buildings 2A & Mechanical Block).</u> Providing and applying Weather Shield Paint as per specifications mention below: - Providing & fixing scaffolding from ground to Roof level around the buildings. - Removing the existing old paint completely and loose CC surfaces by sand papering and Mechanical means & cleaning of dust. - Repairing the creaks on all surfaces with CS motor in 1:3 making them smooth & even by applying base filling. Providing and applying 03 coats of Weather Shield Paint make of ICI/Gobies/Berger or equivalent of approved shade on all external surfaces of buildings and on all internal surfaces of walls / ceiling at 6 th floor at any height / elevation over 01 coat of primer complete in all respect as per satisfaction and direction of Engineer Incharge.	80000	Sft.		
22	<u>Enamel Paint on Wooden Glass Partition:</u> Providing and applying (03) coats of enamel paint over wooden surfaces of existing wooden glass partition over (01) coat of primer including removal of old defective by sand papering, levelling clearing of dust complete in all respect.	2500	Sft:		
23	<u>Enamel Paint on MS Pipe Railing on Top Roof.</u> Providing and applying (03) coats of enamel paint over all surfaces of wooden existing iron railing in over (01) coat of primer including removal of old defective by sand papering, levelling clearing of dust complete in all respect.	120	Rft:		
24	<u>Aluminium Windows:</u> Removing the existing damaged external Aluminum / Iron Windows in toilet, stair and corridor connecting Mechanical Block with Main Building areas at any floor / height and making the masonry surfaces / smooth by apply CS Plaster in 1:4 mix and Providing and fixing full glazed anodized aluminum windows (sliding / openable) of approved manufacturer using deluxe quality of 1.2mm thickness, 4" wide extruded sections as per existing / approved size pattern / design including glazed with distortion free 5mm thick glass all hardwares, locks, PVC/Rubber gasket and sealant complete in all respect as per satisfaction and direction of Engineer Incharge. (Salvage value of existing old removed aluminum / iron windows to be quoted in BOQ Item No.59).	1200	Sft.		

BILL OF QUANTITIES

S.#:	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
25	<u>Repair of Aluminium Windows / Ventilators:</u> Repair of existing sliding / openable / fixed aluminum windows / louvers / ventilators in toilet area at any floor including providing and fixing 1.2mm th: aluminum frame of 4" wide extruded section or as per existing size & pattern / design to replace the damaged section or where missing, including best quality plain 5mm th: local make glass. All works include rubber gasket, sealant, rubber packing, locks, hinges, screws shall be of best quality and approved before fixing complete in all respects as per instructions and satisfaction of Engineer Incharge.	300	Sft.		
26	<u>Floor Chemical Polishing:</u> Chemical polishing of existing mosaic tile floor in lift lobby and stair areas including cleaning & washing as per direction and satisfaction of Engineer Incharge.	15000	Sft.		
27	<u>RCC Platform:</u> Providing and cast 6" thick RCC platform supported on three sides existing walls / RCC beams in Service Duct in washroom areas at any floor using 1:2:3 mix including P/F reinforcement # 5 @ 5" c/c in both ways at bottom including ¾" th: CS plaster in 1:3 mix and water proofing of required coats as per approved on all top / bottom surfaces of platform as per instructors of Engineer Incharge.	300	Sft.		
28	<u>Dismantling of Side Stair:</u> Dismantling of existing cement concrete stair connected with Building No.2-C carefully without damage structure and removal of debris outside building.	L.S.	Job		
29	<u>Repair of RCC Projections:</u> Removing the weak / loose CS Plaster / CC layers of all existing damaged RCC projection at any height / floor (1 st floor to Roof level) and Providing & Apply treatment over damaged surfaces of above members as under: <ul style="list-style-type: none"> • Apply adequate coats of Red Oxide Primer over exposed reinforcement properly. • Apply SBR mix with cement and water slurry (Neero) with ratio of 3:2:1 over surfaces of all members. • Apply LANKO 731 with cement with ratio 1:1 and mix with water over the surfaces. • Embedding reinforcement # 3 or required dia: and length in RCC projection with epoxy in RCC beams and pouring cement concrete with ratio 1:2:3 upto required width / thickness to maintain the size with existing same members. Apply CS Plaster 1:3 over the repaired surfaces of RCC member upto required depth.	600	Sft:		

BILL OF QUANTITIES

S.#:	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
B	Plumbing Works:				
30	<u>W/C Indian Toilet:</u> Providing & fixing Squatting (Indian) type water closet of vitreous as approved manufacture with raised foot rest, white/approved color, local made "A" quality size 575mm x 450mm with P-trap and 13 liters low down PVC flushing tank / cistern with Muslim shower ½" CP stop cock, inlet connection pipe all make of Master Sonex/Durr or equivalent including removal of existing WC complete in all respects as per instructions of Engineer Incharge.	20	Each		
31	<u>Commode:</u> Providing & fixing European Type Water Closet/Commode one piece type make of Master / Durr / equivalent brand "A" quality with hydraulic seat cover, a standard toilet will be between 27 and 30 inches deep, with a back height of 21 to 31 inches and a width of about 20 inches. An ADA-compliant version needs to have a seat height of 17 to 19 inches with Muslim shower, thimble, PVC telescope flush pipe with PVC inlet connection, ½" CP stop cock, including removal of existing commode with all fitting and cuttings required in floor/walls, repairing good all damages to match with same material etc. Complete in all respects as per instructions of Engineer Incharge. (Salvage value of existing old commodes to be quoted in BOQ item No.59).	30	Each		
32	<u>Wash Basin Vanity Bowl:</u> Providing and fixing vanity bowl white/colored, glazed ware, standard size (22"x28") (Master, Durr or equivalent as approved) one hole, complete with ½" CP stop cock, PVC waste pipe coupling, chain and plug, pillar cock SS type etc. fixed to concrete, complete in all respects as per specifications and instructions of the Engineer Incharge. (Salvage value of existing old washbasin vanity bowl to be quoted in BOQ item No.59).	26	Nos.		
33	<u>Marble Counter Top:</u> Providing and fix 20mm thick and 2' wide white / colored marble slab around vanity bowl with brackets etc. including cutting in shape with machine, rubbing, polishing and making the joints water tight, fixed over masonry wall complete in all respects as per specifications and instructions of the Engineer Incharge.	400	Sft.		

BILL OF QUANTITIES

S.#:	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
34	<u>Wash Basin with Pedestal:</u> Providing & fixing Wash Basin size 500mm x 450mm earthen ware with pedestal at any floor and make of Master / Durr / Karam Ceramics or equivalent in any colour as approved local make "A" quality mounted on C.I. brackets fixed to wall with 15mm C.P. Pillar and stop cock from same make one hole, PVC waste pipe coupling, including removal of existing washbasin with all accessories / fitting complete in all respects as per instructions of Engineer Incharge.	04	Each		
35	<u>Kitchen Sink:</u> Providing and install stainless steel kitchen sink size 3' x 2' or as per existing size make of Atlas, Super Asia, Master or equivalent, best quality A class heavy duty complete with all fittings and S.S single type swan neck pillar cock of approved make as per satisfaction and instruction of Engineer Incharge.	06	Each		
36	<u>Glass Mirrors:</u> Providing and fixing mirror of local make (Gunj, Gani Glass, Lakhani Glass or equivalent as approved) size 2'x3' with soap dish as approved including all accessories required for complete fixing of mirror on wall as per instructions of Engineer Incharge.	20	Each		
37	<u>Sanitary Fixtures & Fittings:</u> Providing and fixing following plumbing fixtures make of Master, Durr, Vision or equivalent as approved with all necessary fittings including removal of existing old fixtures / fittings in washroom complete in all respect as per instructions of Engineer Incharge: a. CP Double Bib Cock b. CP Stop Cock c. CP Extended Bib Taps in Ablution Area. d. Pillar Cock. (Salvage value of existing old bib cocks, double bib cocks, stop cocks to be quoted in BOQ Item No.59).	40 22 20 10	each each each each		
38	<u>Water Supply Internal (Pipes and Fittings):</u> Providing and fixing concealed or exposed new PPR hot / cold water Pipes of Vesbo, Raktherm, Polydex or approved equivalent, SDR 6 (PN 20) confirming to DIN 8077 AND DIN 8078 and fittings i.e. socket, bend, tee, elbow where required, for pressure rating (PN25) confirming to DIN 16962 of following internal diameter in washrooms at any floor as per approved layout / pattern and removing the existing old water pipes (concealed or exposed) as per direction of Engineer Incharge including all testing and commissioning as per engineering practice. a. 1" Dia: (outer dia: 1-1/4 inch:) b. 3/4" Dia: (outer dia: 1" inch:) c. 1/2" Dia: (outer dia: 3/4" inch:) Salvage value of existing old pipes & fittings to be quoted in BOQ Item No.59).	150 500 150	Rft. Rft. Rft.		

BILL OF QUANTITIES

S.#:	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
39	<u>Water Supply (Pipes and Fittings):</u> Providing and fixing new PPR water Pipes of Vesbo, Raktherm, Polydex or approved equivalent, SDR 6 (PN 20) confirming to DIN 8077 AND DIN 8078 and fittings confirming to DIN 16962 with all fittings i.e. socket, bend, tee, elbow where required and laid as per existing or approved layout, complete in trenches or fixed to walls, floor (surface or concealed) and ceilings etc. including core cutting in RCC floor / beams & walls carefully without damage to structure, to pass the new pipe lines, clamping, thread jointing & plugs and to be connected/installed to existing G.I. Water Piping and with Overhead Tanks at Top Roof complete in all respects as per specifications and all testing and commissioning as per engineering practice including removal of existing old damaged GI Water Pipes. <div style="text-align: right;">2" Dia:</div> (Salvage value of existing old GI pipes & fittings to be quoted in BOQ Item No.59).	200	Rft.		
40	<u>Drainage (Sewerage Pipes and Fittings):</u> Providing and fixing UPVC pipes make of AGM, DADEX, Pak Arab or approved equivalent, confirming to ASTM D-1785 Schedule 40 and fittings confirming to D-2466 Schedule 40 for soil, waste and vent pipe of following diameters with all fittings i.e. socket, bend, tee, elbow, reducer of same make where required to be laid as per existing or approved layout at any floor and removing existing old sewerage pipes including core cutting of required dia: and thickness of existing RCC slab, beams and masonry wall carefully without damage to structure, to pass the new UPVC pipes and making the damaged surfaces in good condition and testing and commissioning as per engineering practice. Detail of pipe diameter: <div style="text-align: right;"> a. 6" Dia: a. 4" Dia: b. 3" Dia: c. 2" Dia: </div> (Salvage value of existing old UPVC pipes & fittings to be quoted in BOQ item No.59).	300 400 150 150	Rft. Rft. Rft. Rft.		
41	<u>UPVC Floor Traps:</u> Providing and fixing 3" Dia: UPVC floor traps with 3/8" th: SS grating make of AGM, DADEX, Pak Arab or approved make equivalent including core cutting in RCC Slab carefully complete in all respect.	40	each		
42	<u>UPVC Floor Drain:</u> Providing and fixing 3" Dia: UPVC floor drain with 3/8" th: SS grating make of AGM, DADEX, Pak Arab or approved equivalent including core cutting in RCC Slab carefully complete in all respect.	30	each		

BILL OF QUANTITIES

S.#:	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
43	Roof Drainage (Rain Drain Pipes and Fittings): Providing and fixing UPVC pipes make of AGM, DADEX, Pak Arab or approved equivalent, confirming to ASTM D-1785 schedule 40 and fittings confirming to D-2466 schedule 40 for rain drain pipe with all fittings i.e. socket, bend, tee, elbow, reducer where required to be installed for rain drain from roof area to ground level as per existing or approved lay out / pattern including core cutting of required dia: & thickness of the RCC Chajja / members, masonry wall of any thickness to pass the pipes and making the damaged surfaces in good condition and Removing the old existing pipes as per direction of Engineer Incharge including all testing and commissioning as per engineering practice. <div style="text-align: right;">4" Dia:</div>	250	Rft.		
44	AC Drain for Complete Building (Pipes and Fittings): Providing and fixing UPVC pipe of AGM, DADEX, Pak Arab or approved equivalent, confirming to ASTM D-1785 schedule 41 and fittings confirming to D-2466 schedule 40 with all fittings i.e. socket, bend, tee, elbow, reducer where required to be installed horizontally on external chajjas to connect with rain drain pipes at all floors to drain water dripping out from Air-conditioning units including core cutting of required dia: and thickness of the RCC chajja / masonry walls of any thickness to pass the pipes and making the surfaces in good condition as direction of Engineer Incharge including all testing and commissioning as per engineering practice. <div style="text-align: right;">2" Dia: 1½" Dia:</div>	350 2000	Rft: Rft:		
45	Gate Valves Bronze: Providing and fixing bronze gate valves of Kitz, Econosto or approved equivalent of following diameters (Follow spec) <div style="text-align: right;">a. 4" Dia: b. 2" Dia: c. 1" Dia: d. ¾" Dia:</div>	02 04 12 08	NOS NOS NOS NOS		
C	Electrical Works:				
46	Supply and installation, of Light Circuit Wiring from near DB to switch board/light wired. Circuits with 2x2.5mm 1x1.5 sq.mm s/c PVC insulated wires 300/500v grade lying in PVC conduit, mounted on false ceiling/partition wall/columns/beams with all fixing arrangement as per site requirement, including the cutting of Floor/walls/columns/beams and replastering it if required. Cables make Pakistan Cables/ Pioneer/Universal/equivalent or approved by SLIC representative, hence complete in all respects.	Nos.	39		

BILL OF QUANTITIES

S.#:	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
47	Supply and installation, of First Outlet to D.B Circuit wiring from Near D.B to switch board wired. Circuits with 2x2.5mm 1x1.5 sq.mm s/c PVC insulated wires 300/500v grade lying in PVC conduit, mounted on false ceiling/partition wall/columns/beams with all fixing arrangement as per site requirement, including the cutting of Floor/walls/columns/beams and replastering it. Cables make Pakistan cables/ pioneer/universal/equivalent or approved by SLIC representative, hence complete in all respects.	Nos.	06		
48	Supply and installation of Point-to-point circuit wiring wired, Circuits with 2x1.5mm 1x1.5 sq.mm s/c PVC insulated wires 300/500v grade lying in PVC conduit, mounted on false ceiling/partition wall/columns/beams with all fixing arrangement as per site requirement, Cables make Pakistan Cables/ Pioneer/Universal/ equivalent or approved by SLIC representative, hence complete in all respects.	Nos.	165		
49	Supply and installation of switch to point wired, with 2x1.5mm 1x1.5 sq.mm s/c PVC insulated wires 300/500v grade laying in PVC conduit, mounted on false ceiling/partition wall/columns/beams with all fixing arrangement as per site requirement, Cables make Pakistan Cables/ Pioneer/Universal/equivalent or approved by SLIC representative, with PVC Back box, hence complete in all respects.	Nos.	176		
50	Supply and installation of switch to point wired for Exhaust fans , with 2x1.5mm 1x1.5 sq.mm s/c PVC insulated wires 300/500v grade laying in PVC conduit, mounted on false ceiling / partition wall/columns/beams with all fixing arrangement as per site requirement, Cables make Pakistan Cables/ Pioneer/Universal/equivalent or approved by SLIC representative, with PVC Back box, hence complete in all respects.	Nos.	17		
51	Supply and fixing, of LED Round Light 12W recessed/false ceiling type with 6 months Warranty, Color Cool White, with all fixing arrangements accessories, make Philips/Osaka/ Sogo or equivalent or approved by SLIC representative, complete work in all respects.	Nos.	138		
52	Supply and fixing, of LED Round Light 12W surface mounted/open type with 6 months Warranty, Color Cool White, with all fixing arrangements accessories, make Philips/Osaka/Sogo or equivalent or approved by SLIC representative, complete work in all respects.	Nos.	205		
53	Supply and fixing, of Multi Outlet Socket 10Ampere with PVC Back box make (Clipsal/Orange/equivalent) or approved by SLIC representative, complete in all respects mounted in Floor boxes/walls/roof.	Nos.	06		
54	Supply and fixing, of ten Gang switch with PVC Back box make (Clipsal/Orange/equivalent) or approved by SLIC representative, complete in all respects	Nos.	29		

BILL OF QUANTITIES

S.#:	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
55	Supply and fixing, of four Gang switch with PVC Back box make (Clipsal/Orange/equivalent) or approved by SLIC representative, complete in all respects	Nos.	10		
56	Providing and fixing of exhaust fan of suitable size of Make Pak Fan/GFC/Millat as per site requirement with all accessories complete in all respect.	Nos.	17		
57	Distribution Board: Following LT Distribution Boards of size 24 x 32- gauge 16 gauge including indication lamp, recessed/surface mounted including all accessories, related civil work etc. complete in all respects. Incoming 2 Pole Circuit Breaker 32 Amp 1 Nos. Outgoing S.P 10 Amp 10 Nos.	Nos.	06		
58	Single Phase Meter: Supply and installation of three phase meter as per KE Spec of digital type along with board and all the accessories required as per site.	Nos.	06		
D	Salvage Value:				
59	Salvage Value: All existing old used materials to be removed including false ceiling wooden doors, C.I, G.I, UPVC Pipes & fittings, commodes, wash basin, sink, urinals, aluminum/iron windows/ventilators etc. to be taken out from building premises as per direction of Engineer Incharge by quoting salvage value. (Amount against this item will be deductible).	LS.	JOB		(-)
E	Contingencies:				
60	Add Contingencies:	LS			(+) 1,000,000/-
	Total Bid Amount for works (Civil + Plumbing + Electrical works - Salvage Value + Contingencies) Rs.				
	Add: SST @ 15%				
	Total Bid Amount including SST (Civil + Plumbing + Electrical works - Salvage Value + Contingencies) Rs.				

BC-1
Appendix-C to Bid

PROPOSED CONSTRUCTION SCHEDULE

The Works shall be completed on or before the date stated in Contract Data. The Bidder shall provide as Appendix-C to Bid, the Construction Schedule in the bar chart (CPM, PERT or any other to be specified herein) showing the sequence of work items and the period of time during which he proposes to complete each work item in such a manner that his proposed programme for completion of the whole of the Works and parts of the Works may meet Employer's completion targets in days noted below and counted from the date of Commence (Attach sheets as required for the specified form of Construction Schedule):

<u>Description</u>	<u>Time for Completion</u>
a) Whole Works	_____ days
b) Part-A	_____ days
c) Part-B	_____ days
d) _____	_____ days
e) _____	_____ days

**ORGANIZATION CHART
FOR THE
SUPERVISORY STAFF
AND
LABOUR**

LIST OF MAJOR EQUIPMENTS

FORMS

PERFORMANCE SECURITY

CONTRACT AGREEMENT

PS-1

**FORM OF PERFORMANCE SECURITY
(Bank / Insurance Guarantee)**

Guarantee No. _____
Executed on _____
Expiry date _____

[Letter by the Guarantor to the Employer]

Name of Guarantor (Bank) with address: _____
(Scheduled Bank/Insurance Company in Pakistan)

Name of Principal (Contractor) with address: _____

Penal Sum of Security (express in words and figures) _____

Letter of Acceptance No. _____ Dated _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the _____ (hereinafter called the Employer) in the penal sum of the amount stated above for the payment of which sum well and truly to be made to the said Employer, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has accepted the Employer's above said Letter of Acceptance for _____
_____ (Name of Contract) for the _____
_____ (Name of Project).

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Employer, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue till all requirements of Clause 49, Defects Liability, of Conditions of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

PS-2

We, _____ (the Guarantor), waiving all objections and defenses under the Contract, do hereby irrevocably and independently guarantee to pay to the Employer without delay upon the Employer's first written demand without cavil or arguments and without requiring the Employer to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the Employer's written declaration that the Principal has refused or failed to perform the obligations under the Contract which payment will be effected by the Guarantor to Employer's designated Bank & Account Number.

PROVIDED ALSO THAT the Employer shall be the sole and final judge for deciding whether the Principal (Contractor) has duly performed his obligations under the Contract or has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the Employer forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above-bounden Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Guarantor (Bank / Insurance
Company)

Witness:

1. _____

Signature _____

Name _____

Title _____

Corporate Secretary (Seal)

2. _____

Name, Title & Address

Corporate Guarantor (Seal)

CA-1

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the “Agreement”) made on the _____ day of _____ (month) 20____ between _____ (hereafter called the “Employer”) of the one part and _____ (hereafter called the “Contractor”) of the other part.

WHEREAS the Employer is desirous that certain Works, viz _____ should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW this Agreement witnessed as follows:

1. In this Agreement words 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 after incorporating addenda, if any, except those parts relating to Instructions to Bidders shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (a) The Contract Agreement;
 - (b) The Letter of Acceptance;
 - (c) The completed Form of Bid;
 - (d) Contract Data: (Appendix-A to Bid);
 - (e) The priced Bill of Quantities (Appendix-B to Bid);
 - (f) The completed Appendices to Bid (C to E);
 - (g) Conditions of Contract
 - (h) The Specifications;
 - (i) Drawings;
 - (j) _____ (any other)
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy defects therein in conformity and in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

CA-2

IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of the Contactor

(Seal)

Signature of Employer

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

(Name, Title and Address)

Witness:

(Name, Title and Address)

**Renovation and Maintenance work Relating to Civil, Plumbing
and Electrical works in State Life Building No. 2A, 2C and
Mechanical Block, Wallace Road, Karachi.**

CONDITIONS OF CONTRACT

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CONDITIONS OF CONTRACT

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CONDITIONS OF CONTRACT

Definitions and Interpretation

1.1 Definitions:

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

- a. (i) "Employer" means the person named in contract data and the legal successors in title to such person, but not (except with the consent of the Contractor) any assignee of such person.
- (ii) "Contractor" means the person whose tender has been accepted by the Employer and the legal successors in title to such person, but not (except with the consent of the Employer) any assignee of such person.
- (iv) "Engineer" means the person appointed by the Employer to act as Engineer for the purposes of the Contract.
- b. (i) "Contract" means these Conditions the Specification, the Drawings, the Bill of Quantities, the Tender, the Letter of Acceptance, the Contract Agreement (if completed) and such further documents as may be expressly incorporated in the Letter of Acceptance or Contract Agreement (if completed).
- (ii) "Specification" means the specification of the Works included in the Contract and any modification thereof or addition thereto made under Clause 16 or submitted by the Contractor and approved by the Engineer.
- (iii) "Drawings" means all drawings, calculations and technical information of a like nature provided by the Employer to the Contractor under the Contract Employer and all drawings, calculations, samples, patterns, models, operation and maintenance manuals and other technical information of a like nature submitted by the Contractor and approved by the Employer.
- (iv) "Bill of Quantities" means the priced and completed bill of quantities forming part of the Tender.
- (v) "Tender" means the Contractor's priced offer to the Employer for the execution and completion of the Works and the remedying of any defects therein in accordance with the provisions of the Contract, as accepted by the Letter of Acceptance.
- (vi) "Letter of Acceptance" means the formal acceptance by the Employer of the Tender.

- c. (i) "Commencement Date" means the date three (03) days after the date Contract comes into effect or any other date named in Contract Data.
- (ii) "Time for Completion" means the time for completing the execution of and passing the Tests on Completion of the whole Works as stated in the Contract Data (or as extended under Clause 10.3) calculated from the Commencement Date.
- e. (i) "Contract Price" means the sum stated in the Letter of Acceptance as payable to the Contractor for the execution and completion of the Works and the remedying of any defects therein in accordance with the provisions of the Contract.
- f. (i) "Works" means the Permanent Works and the Temporary Works or either of them as appropriate.
- (iv) "Plant" means machinery, apparatus and the like intended to form or forming part of the Permanent Works.
- (v) "Contractor's Equipment" means all appliances and things of whatsoever nature (other than Temporary Works) required for the execution and completion of the Works and the remedying of any defects therein, but does not include Plant, materials or other things intended to form or forming part of the Permanent Works.
- (vii) "Site" means the places provided by the Employer where the Works are to be executed and any other places as may be specifically designated in the Contract as forming part of the Site.

Engineer:

2.1 Engineer's Duties and Authority

- (a) The Engineer shall carry out the duties specified in the Contract.

2.2 Instructions in Writing

Instructions given by the Engineer shall be in writing, provided that if for any reason the Engineer considers it necessary to give any such instruction orally, the Contractor shall comply with such instruction. Confirmation in writing of such oral instruction given by the Engineer, whether before or after the carrying out of the instruction, shall be deemed to be an instruction within the meaning of this Sub-Clause. Provided further that if the Contractor, within 7 days, confirms in writing to the Engineer any oral instruction of the Engineer and such confirmation is not contradicted in writing within 7 days by the Engineer, it shall be deemed to be an instruction of the Engineer.

Contract Documents:

3.1 Priority of Contract Documents

The several documents forming the Contract are to be taken as mutually explanatory of one another, but in case of ambiguities or discrepancies the same shall be explained and adjusted by the Engineer who shall thereupon issue to the Contractor instructions thereon and in such event, unless otherwise provided in the Contract, the priority of the documents forming the Contract shall be as follows:

1. The Contract Agreement (if completed);
2. The Letter of Acceptance;
3. The Tender;
4. Conditions of Contract.
5. Any other document forming part of the Contract.

General Obligations:

4.1 Contractor's General Responsibilities

The Contractor shall, with due care and diligence, design (to the extent provided for by the Contract), execute and complete the Works and remedy any defects therein in accordance with the provisions of the Contract. The Contractor shall provide all superintendence, labour, material, Plant, Contractor's Equipment and all other things, whether of a temporary or permanent nature, required in and for such design, execution, completion and remedying of any defects, so far as the necessity for providing the same is specified in or is reasonably to be inferred from the Contract. Contractor shall be responsible to get security clearance / permission from respective administration / agencies for execution of works.

4.2 Site Operations and Methods of Construction

The Contractor shall take full responsibility for the adequacy, stability and safety of all Site operations and methods of construction. Provided that the Contractor shall not be responsible (except as stated hereunder or as may be otherwise agreed) for the design or specification of Permanent Works, or for the design or specification of any Temporary Works not prepared by the Contractor. Where the Contract expressly provides that part of the Permanent Works shall be designed by the Contractor, he shall be fully responsible for that part of such Works, notwithstanding any approval by the Engineer.

4.3 Performance Security

The Contractor shall provide Performance Security to the Employer in the prescribed form. The said Security shall be furnished or caused to be furnished by the Contractor within 03 days after the receipt of the Letter of Acceptance. The Performance Security shall be of an amount equal to 10% of the Contract Price stated in the Letter of Acceptance. Such Security shall, at the option of the bidder, be in the form of either (a) bank guarantee from any Scheduled Bank in Pakistan or (b) bank guarantee from a bank located outside Pakistan duly counter-guaranteed by a Scheduled Bank in Pakistan or an Insurance Company.

4.4 Period of Validity of Performance Security

The performance security shall be valid until the Contractor has executed and completed the Works and remedied any defects therein in accordance with the Contract. No claim shall be made against such security after the issue of the Defects Liability Certificate in accordance with Sub-Clause 12.2 and such security shall be returned to the Contractor within 14 days of the issue of the said Defects Liability Certificate.

4.5 Claims under Performance Security

Prior to making a claim under the performance security the Employer shall, in every case, notify the Contractor stating the nature of the default in respect of which the claim is to be made.

5.1 Programme to be Submitted

The Contractor shall, submit to the Employer for his consent a programme, in such form and detail as the Employer shall reasonably prescribe, for the execution of the Works. The Contractor shall, whenever required by the Employer also provide in writing for his information a general description of the arrangements and methods which the Contractor proposes to adopt for the execution of the Works.

5.2 Revised Programme

If at any time it should appear to the Employer that the actual progress of the Works does not conform to the programme to which consent has been given under Sub-Clause 5.1, the Contractor shall produce, at the request of the Employer, a revised programme showing the modifications to such programme necessary to ensure completion of the Works within the Time for Completion.

5.3 Work to be in Accordance with Contract

Unless it is legally or physically impossible, the Contractor shall execute and complete the Works and remedy any defects therein in strict accordance with the Contract to the satisfaction of the Employer. The Contractor shall comply with and adhere strictly to the Employer's instructions on any matter, whether mentioned in the Contract or not, touching or concerning the Works. The Contractor shall take instructions only from the Employer (or his delegate).

6.1 Contractor's Employees

The Contractor shall provide on the Site in connection with the execution and completion of the Works and the remedying of any defects therein:

- (a) only such technical assistants as are skilled and experienced in their respective callings and such foremen and leading hands as are competent to give proper superintendence of the Works, and
- (b) such skilled, semi-skilled and unskilled labour as is necessary for the proper and timely fulfilling of the Contractor's obligations under the Contract.

6.2 Engineer at Liberty to Object

The Employer shall be at liberty to object to and require the Contractor to remove forthwith from the Works any person provided by the Contractor who, in the opinion of the Employer, misconducts himself, or is incompetent or negligent in the proper performance of his duties, or whose presence on Site is otherwise considered by the Engineer to be undesirable, and such person shall not be again allowed upon the Works without the consent of the Employer. Any person so removed from the Works shall be replaced as soon as possible.

6.3 Care of Works

The Contractor shall take full responsibility for the care of the Works and materials and Plant for incorporation therein from the Commencement Date until the date of issue of the Taking-Over Certificate for the whole of the Works, when the responsibility for the said care shall pass to the Employer.

6.4 Responsibility to Rectify Loss or Damage

If any loss or damage happens to the Works, or any part thereof, or materials or Plant for incorporation therein, during the period for which the Contractor is responsible for the care thereof, from any cause whatsoever, other than the risks defined in Sub-Clause 7.1, the Contractor shall, at his own cost, rectify such loss or damage so that the Permanent Works conform in every respect with the provisions of the Contract to the satisfaction of the Employer. The Contractor shall also be liable for any loss or damage to the Works occasioned by him in the course of any operations carried out by him for the purpose of complying with his obligations under Clauses 13 and 16.

7.1 Employer's Risks

The Employer's risks are:

- a. War, hostilities (whether war be declared or not), invasion, act of foreign enemies,
- b. Rebellion, revolution, insurrection, or military or usurped power, or civil war,

- c. Ionizing radiations, or contamination by radio-activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radio-active toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear component thereof,
- d. Pressure waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds,
- e. Riot, commotion or disorder, unless solely restricted to employees of the Contractor or of his Subcontractor and arising from the conduct of the Works,
- f. Any operation of the forces of nature against which an experienced contractor could not reasonably have been expected to take precautions.

8.1 Clearance of Site on Completion

Upon the issue of any Taking-Over Certificate the Contractor shall clear away and remove from that part of the Site to which such Taking-Over Certificate relates all Contractor's Equipment, surplus materials, rubbish and Temporary Works of every kind, and leave such part of the Site and Works clean and in a workmanlike condition to the satisfaction of the Employer. Provided that the Contractor shall be entitled to retain on Site, until the end of the Defects Liability Period, such materials, Contractor's Equipment and Temporary Works as are required by him for the purpose of fulfilling his obligations during the Defects Liability Period.

Materials, Plant and Workmanship:

9.1 Quality of Materials, Plant and Workmanship

All materials, Plant and workmanship shall be:

- a. of the respective kinds described in the Contract and in accordance with the Employer's instructions, and

9.2 Cost of Samples

All samples shall be supplied by the Contractor at his own cost if the supply thereof is clearly intended by or provided for in the Contract.

Suspension:

10.1 Suspension of Work

The Contractor shall, on the instructions of the Engineer, suspend the progress of the Works or any part thereof for such time and in such manner as the Engineer may consider necessary and shall, during such suspension, properly protect and secure the Works so far as is necessary in the opinion of the Engineer. Unless such suspension is:

- a. otherwise provided for in the Contract,
- b. necessary by reason of some default of or breach of contract by the Contractor or for which he is responsible,
- c. necessary by reason of climatic conditions of the Site, or

- d. necessary for the proper execution of the Works or for the safety of the Works or any part thereof (save to the extent that such necessity arises from any act or default by the Engineer or the Employer or from any of the risks defined in Sub-Clause 7.1),

10.2 Engineer's Determination following Suspension

Where, pursuant to Sub-Clause 10.1, this Sub-Clause applies the Engineer shall, after due consultation with the Employer and the Contractor, determine:

- a. any extension of time to which the Contractor is entitled under Clause 11.3, and
- b. the amount, which shall be added to the Contract Price, in respect of the cost incurred by the Contractor by reason of such suspension,

10.3 Suspension lasting more than 84 Days

If the progress of the Works or any part thereof is suspended on the written instructions of the Engineer and if permission to resume work is not given by the Engineer within a period for 84 days from the date of suspension then, unless such suspension is within paragraph (a), (b), (c) or (d) of Sub-Clause 10.1, the Contractor may give notice to the Engineer requiring permission, within 28 days from the receipt thereof, to proceed with the Works or that part thereof in regard to which progress is suspended. If, within the said time, such permission is not granted, the Contractor may by giving a further notice to the Engineer to that effect, treat the suspension as an event of default by the Employer and terminates his employment under the Contract in accordance with the provisions of Sub-Clause 18.1.

Commencement and Delays:

11.1 Commencement of Works

The Contractor shall commence the Works as soon as is reasonably possible within the time stated in Contract Data.

11.2 Time for Completion

The whole of the Works shall be completed in accordance with the provisions of Clause 11.6, within the time stated in the Contract Data calculated from the Commencement Date, or such extended time as may be allowed under Clause 10.

11.3 Extension of Time for Completion

In the event of:

- a. The amount or nature of extra or additional work,
- b. Any cause of delay referred to in these Conditions,
- c. Exceptionally adverse climatic conditions,
- d. Any delay, impediment or prevention by the Employer, or

- e. Other special circumstances which may occur, other than through a default of or breach of contract by the Contractor or for which he is responsible, being such as fairly to entitle the Contractor to an extension of the Time for Completion of the Works, or any Section or part thereof, the Employer shall, after due consultation with the Contractor, determine the amount of such extension and shall notify the Contractor accordingly.

11.4 Contractor to Provide Notification and Detailed Particulars

Provided that the Employer is not bound to make any determination unless the Contractor has

The Contractor shall notify the Employer in writing as soon as he is aware of any circumstance which may delay or disrupt the Works, or which may give rise to a claim for additional payment.

To the extent of the Contractor's failure to notify, which results to the Employer being unable to keep all relevant records or not taking steps to minimize any delay, disruption, or Cost, or the value of any Variation, the Contractor's entitlement to extension of the time for Completion or additions payment shall be reduced / rejected.

11.5 Liquidated Damages for Delay

If the Contractor fails to comply with the Time for Completion in accordance with Clause 11.2, for the whole of the Works then the Contractor shall pay to the Employer the relevant sum stated in the Contract Data as liquidated damages for such default for every day or part of a day which shall elapse between the relevant Time for Completion and the date stated in a Taking-Over Certificate of the whole of the Works or the relevant Section, subject to the applicable limit stated in the Contract Data. The Employer may, without prejudice to any other method of recovery, deduct the amount of such damages from any monies due or to 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.

11.6 Taking-Over Certificate

When the whole of the Works have been completed and have satisfactorily passed any Tests on Completion prescribed by the Contract, the Contractor may give a notice to that effect to the Employer. The Employer shall within 14 days of the date of delivery of such notice, either issue to the Contractor, a Taking-Over Certificate, stating the date on which, in his opinion, the Works were completed in accordance with the Contract, or give instructions in writing to the Contractor specifying all the work which, in the Employer opinion, is required to be done by the Contractor before the issue of such Certificate. The Employer shall also notify the Contractor of any defects in the Works affecting completion that may appear after such instructions and before completion of the Works specified therein.

Defects Liability:

12.1 Defects Liability Period

In these Conditions the expression "Defects Liability Period" shall mean the defects liability period named in the Contract Data, calculated from:

- (a) the date of completion of the Works certified by the Employer/Engineer in accordance with Clause 11.6.

12.2 Remedying Defects

The Contractor shall for a period stated in the Contract Documents from the date of issue of the Certificate of Completion carry out, at no cost to the Employer, repair and rectification work which is necessitated by the earlier execution of poor quality of work or use of below specifications material in the execution of Works and which is so identified by the Employer in writing within the said period. Upon expiry of the said period, and subject to the Contractor's faithfully performing his aforesaid obligation, the Employer shall issue a Maintenance Certificate whereupon all obligations of the Contractor under this Contract shall come to an end.

Failure to remedy any such defects of complete outstanding work within a reasonable time shall entitle the Employer to carry out all necessary works at the Contractor's cost. However, the cost of remedying defects not attributable to the Contractor shall be valued as a Variation.

Variations:

13.1 Right to Vary

The Employer may issue Variation Order(s) in writing. Where for any reason it has not been possible for the Employer to issue such Variations Order(s), the Contractor may confirm any verbal orders given by the Employer in writing and if the same are not refuted/denied by the Employer within ten (10) days of the receipt of such confirmation the same shall be deemed to be a Variation Orders for the purposes of this Sub-Clause.

13.2 Valuation of Variations

Variations shall be valued as follows:

- a. At a lump sum price agreed between the Parties, or
- b. Where appropriate, at rates in the Contract, or
- c. In the absence of appropriate rates, the rates in the Contract shall be used as The basis for valuation, or failing which
- d. At appropriate new rates, as may be agreed or which the Employer considers appropriate.

13.3 Early Warning

The Contractor shall notify the Employer in writing as soon as he is aware of any circumstance which may delay or disrupt the Works, or which may give rise to a claim for additional payment.

To the extent of the Contractor's failure to notify, which results to the Engineer/Employer being unable to keep all relevant records or not taking steps to minimize any delay, disruption, or Cost, or the value of any Variation, the Contractor's entitlement to extension of the Time for Completion or additional payment shall be reduced/rejected.

Procedure for Claims:

14.1 Notice of Claims

Notwithstanding any other provision of the Contract, if the Contractor intends to claim any additional payment pursuant to any Clause of these Conditions or otherwise, he shall give notice of his intention to the Engineer with a copy to the Employer, within 28 days after the event giving rise to the claim has first arisen.

14.2 Contemporary Records

Upon the happening of the event referred to in Sub-Clause 14.1, the Contractor shall keep such contemporary records as may reasonably be necessary to support any claim he may subsequently wish to make. Without necessarily admitting the Employer's liability, the Engineer shall, on receipt of a notice under Sub-Clause 14.1, inspect such contemporary records and may instruct the Contractor to keep any further contemporary records as are reasonable and may be material to the claim of which notice has been given. The Contractor shall permit the Engineer to inspect all records kept pursuant to this Sub-Clause and shall supply him with copies thereof as and when the Engineer so instructs.

14.3 Substantiation of Claims

Within 28 days, or such other reasonable time as may be agreed by the Engineer, of giving notice under Sub-Clause 14.1, the Contractor shall send to the Engineer an account giving detailed particulars of the amount claimed and the grounds upon which the claim is based. Where the event giving rise to the claim has a continuing effect, such account shall be considered to be an interim account and the Contractor shall, at such intervals as the Engineer may reasonably require, send further interim accounts giving the accumulated amount of the claim and any further grounds upon which it is based. In cases where interim accounts are sent to the Engineer, the Contractor shall send a final account within 28 days of the end of the effects resulting from the event. The Contractor shall, if required by the Engineer so to do, copy to the Employer all accounts sent to the Engineer pursuant to this Sub-Clause.

14.4 Failure to Comply

If the Contractor fails to comply with any of the provisions of this Clause in respect of any claim which he seeks to make, his entitlement to payment in respect thereof shall not exceed such amount as the Engineer or any arbitrator or arbitrators appointed pursuant to Sub-Clause 21.1 assessing the claim considers to be verified by contemporary records (whether or not such records were brought to the Engineer's notice as required under Sub-Clause 14.2 and 14.3).

14.5 Payment of Claims

The Contractor shall be entitled to have included in any interim payment certified by the Engineer pursuant to Clause 17.1 such amount in respect of any claim as the Engineer, after due consultation with the Employer and the Contractor, may consider due to the Contractor provided that the Contractor has supplied sufficient particulars to enable the Engineer to determine the amount due. If such particulars are insufficient to substantiate the whole of the claim, the Contractor shall be entitled to payment in respect of such part of the claim as such particulars may substantiate to the satisfaction of the Engineer. The Engineer shall notify the Contractor of any determination made under this Sub-Clause, with a copy to the Employer.

15.1 Measurements

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

16.1 Defects Liability Certificate

The Contract shall not be considered as completed until a Defects Liability Certificate shall have been signed by the Engineer and delivered to the Employer, with a copy to the Contractor, stating the date on which the Contractor shall have completed his obligations to execute and complete the Works and remedy any defects therein to the Engineer's satisfaction. The Defects Liability Certificate shall be given by the Engineer within 28 days after the expiration of the Defects Liability Period or as soon thereafter as any works instructed, pursuant to Clause – 12.1 and 12.2 have been completed to the satisfaction of the Engineer.

Certificates and Payment:

17.1 Terms of Payments

The amount due to the Contractor under any Interim Payment be paid by the Employer to the Contractor within 20 days after such Interim Payment has been jointly verified by Employer and Contractor, or, in the case of the Final Certificate, within 45 days after such Final Payment Certificate has been jointly verified by Employer and Contractor.

17.2 Payment of Retention Money

Retention money shall be paid by the Employer to the Contractor after satisfactory completion of Defect liability period.

Remedies:

18.1 Default by Contractor

If the Contractor abandons the Works, refuses or fails to comply with a valid instruction of the Employer or fails to proceed expeditiously and without delay, or is, despite a written complaint, in breach of the Contract, the Employer may give notice referring to this Sub-Clause and stating the default.

If the Contractor has not taken all practicable steps to remedy the default within fourteen (14) days after receipt of the Employer's notice, the Employer may by a second notice given within a further twenty one (21) days, terminate the Contract. The Contractor shall then demobilize from the Site leaving behind any Contractor's Equipment which the Employer instructs, in the second notice, to be used for the completion of the Works at the risk and cost of the Contractor.

18.2 Default by Employer

If the Employer fails to pay in accordance with the Contract, or is, despite a written complaint, in breach of the Contract, the Contractor may give notice referring to this Sub-Clause and stating the default. If the default is not remedied within fourteen (14) days after the Employer's receipt of this notice, the Contractor may suspend the execution of all or parts of the Works.

If the default is not remedied within twenty eight (28) days after the Employer's receipt of the Contractor's notice, the Contractor may by a second notice given within a further twenty one (21) days, terminate the Contract. The Contractor shall then demobilize from the Site.

Insurance:

19.1 Third Party Insurance

The contractor shall insure against liabilities for death of or injury to any person (including any employee of employer or contractor) are loss of damage to any property of employer arising out or in consequence of the execution and completion of the works of the contract and the remedying of any defects therein, other than exceptions defined in Clause 7.1.

19.2 Minimum Amount of Insurance

Such insurance shall be for at least the amount stated in contract Data.

20.1 Force Majeure

If Force Majeure occurs, the Contractor shall notify the Engineer/Employer immediately. If necessary, the Contractor may suspend the execution of the Works and, to the extent agreed with the Employer demobilize the Contractor's Equipment.

If the event continues for a period of eighty four (84) days, either Party may then give notice of termination which shall take effect twenty eight (28) days after the giving of the notice.

After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the Works executed.

21.1 Arbitration

A dispute which has been the subject of a notice of dissatisfaction shall be finally settled as per provisions of Arbitration Act 1940 (Act No. X of 1940) and Rules made thereunder and any statutory modifications thereto. Any hearing shall be held at Karachi in English Language.

SPECIFICATIONS

Special Provisions

Technical Provisions

SPECIAL PROVISIONS

- 1. Contractors are advised to visit the site for through knowledge of nature and extent of the required work before quoting their rates.**
2. The Corporation will supervise and regulate the work of the contractor through Real Estate Division. The contractor shall follow the instructions issued to them by the Division in respect of all works as contained in BOQ / Scope of work.
3. All the materials to be used must be approved by Engineer/ Incharge Real Estate Division.
4. Contractor will furnish an insurance for an amount of at least three percent (3%) of contract price compensation against any death or injury or any damages, loss which may occur to any property including that of employer or any person (including any employee of the employer/ contractor) by or arising out of the execution of the work or temporary works or in carrying out of the contract and the remedying of any defects therein.
5. Contractor shall ensure all safety measures necessary viz. providing safety belt, helmets, shoes, mask etc., to its workers & its implementation all he times of work.
6. Scaffolding so erected shall be safe, secure and free from fall. Contractor shall remain responsible for its fitting, fixing & adjustment. SLIC will bear no risk pertaining to this.
7. Contractor shall be responsible to get security clearance / permission from respective administration / agencies for execution of works.

SECTION - 0100

GENERAL REQUIREMENTS

1. General:

- 1.1 The General Conditions of Contract of Tender & contract documents shall form an integral part of these General Requirements.
- 1.2 All works shall be carried out in accordance with the following specifications, supplemented by detailed specifications contained in the following sections. Any inconsistencies or ambiguities shall be brought to the notice of the Engineer for his clarification / decision. Decision and direction of the Engineer in all such cases, shall be final and binding.
- 1.3 The Contractor shall make himself thoroughly familiar with the site conditions, foresee any and all problems likely to be encountered during execution of the works, and shall be submitted to the Engineer for approval before proceeding with the work.
- 1.4 The B.O.Q, Specifications are to be read in conjunction and shall be mutually explanatory.
 - i. Specifications
 - ii. Bill of Quantities
 - iii. Drawing

2. Units of Measurements:

- 2.1 The FPS System of Units shall be used throughout the Project.

3. Plant, Equipment and Tools:

- 3.1 The contractor shall provide at his cost modern plant, equipment and tools, adequate and befitting to the nature, magnitude and size of this contract, in strict compliance with the requirements of the General Conditions of Contract.

4. Test Laboratory and Testing:

- 4.1 Testing, except as otherwise specified herein, shall be performed by testing agency approved by the Engineer and at no extra cost to the Employer. The Engineer may require all testing to be carried out under his supervision only.

- 4.2 The contractor shall keep a complete record of all quality tests performed on site.

All quality control and tests shall be carried out in accordance with applicable standards and codes.

- 4.3 The contractor, after the approval by the Engineer for the source of the all material, shall make available at the site sufficient stock of the materials in advance in order to allow sample testing to prove quality before they are used.

5. Site:

- 5.1 Within the Project area limits as defined the contractor shall carry out the construction work.

7. Shop Drawings:

- 7.1 The contractor shall submit with sufficient promptness as to cause no delay in the works, copies of all shop or setting drawings and schedules required for the works or which have been specifically requested by the Engineer. The Engineer will check and approve with reasonable promptness such schedules and drawings for conformity with the provisions, with the design concept of the works and compliance with the provisions of the Contract Documents. The Contractor shall make any corrections in the schedules and drawings as required by the Engineer and resubmit further prints thereof until approved by the Engineer.

- 7.2 No work in the shop shall be started and no material or equipment ordered until the Engineer has approved the shop drawings. It shall be the responsibility of the contractor to submit the shop drawings on a schedule that allows reasonable time for checking and approval and subsequent fabrication. Failure to submit shop drawings in ample time for checking, correcting, and rechecking will not justify a delay in time for completion of work.

8 As Built Drawings:

- 8.1 At the completion of the works, the Contractor shall at his expense, supply the Engineer with reproducible copies of these drawings.

- 9.2 The contractor shall do regular cleaning and cleaning away all rubbish and excess materials that may accumulate from time to time on completion and before handing over. Upon completion of the works he shall obliterate all signs of temporary construction facilities such as work areas, stock piles of excess or waste materials, or any other vestiges of construction as directed by the Engineer.

10. Quality of Material:

- 10.1 All materials and supplies furnished under the Contract Documents shall be new and of standard first grade quality and of best workmanship and design. No interior or low-grade materials supplies or articles will be either approved or accepted and all works of construction shall be made in neat, first class and workmanlike manner.

