

Standard Bidding Document

CONSTRUCTION OF 32 NO. JS APARTMENTS (02 BED) FOR ASF AT
IIAP ISLAMABAD.

(Works)

National

Single Stage-One Envelope

CORRIGENDUM # 1	CORR-P71351-001
Initiation Date	July 27, 2026



July 27, 2026

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REQUEST FOR BIDS

PROCUREMENT OF CIVIL WORKS

1. The **Islamabad International Airport (Pakistan Airports Authority) (Pakistan Airports Authority (PAA))** has reserved Funds for the procurement planned for FY **2026-27**. The **Islamabad International Airport (Pakistan Airports Authority) (Pakistan Airports Authority (PAA))** intends to apply part of the proceeds of this Fund to cover eligible payments under the contract for the "**CONSTRUCTION OF 32 NO. JS APARTMENTS (02 BED) FOR ASF AT IIAP ISLAMABAD.**" with the reference of "**P71351**".

2. The **Islamabad International Airport (Pakistan Airports Authority) (Pakistan Airports Authority (PAA))** invites sealed Bids from eligible Bidders for procurement of Works (**CONSTRUCTION OF 32 NO. JS APARTMENTS (02 BED) FOR ASF AT IIAP ISLAMABAD.**) described in the bidding documents on **EPADS v2.0**.

3. **Single Stage-One Envelope** will be used by adopting **Least Cost Based Selection (LCBS)** Technique for the subject procurement, in line with the Public Procurement Rules, 2004 and any Regulations, Regulatory Guides, Procurement Guidelines or Instructions issued by the Authority from time to time.

4. All Bids must be accompanied by a Bid Security amount described in Bid Security Section in Bidding Document in the form of **Pay Order, Banker's Cheque**. Or all bids must be accompanied by bid securing declaration in the format specified in the Bidding documents

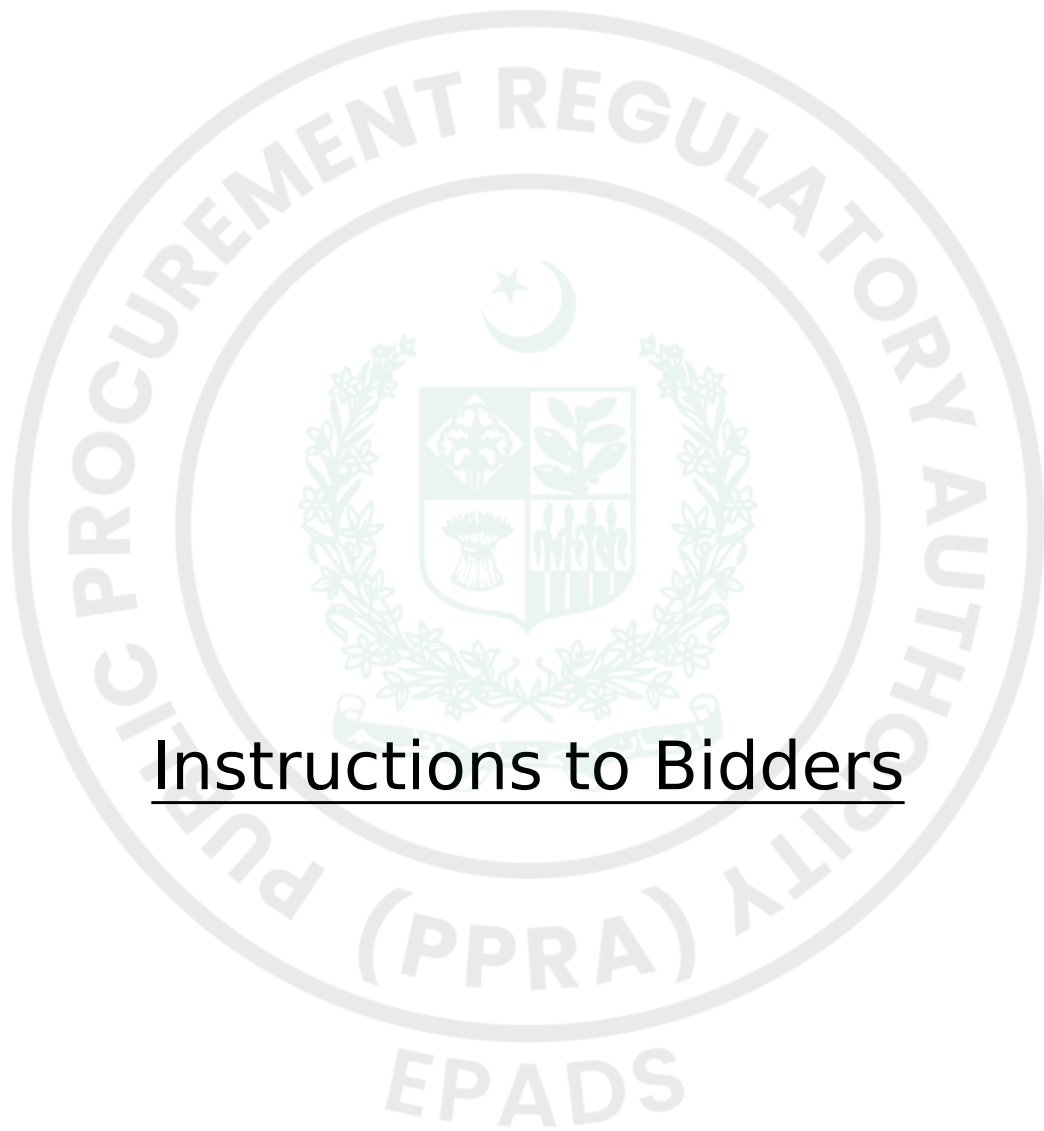
5. E-Bidding documents, containing detailed terms & conditions, specifications and requirements etc. are available on **e-Pak Acquisition and Disposal System (EPADS)** at **<https://epads.gov.pk/opportunities/federal/procurements/71351>** for all the interested bidders registered on **EPADS v2.0**. Bidders are required to get themselves registered on **EPADS v2.0** to participate in Bidding process.

6. The e-bids, prepared in accordance with the instructions in the e-Bidding documents, must be submitted through **EPADS v2.0** on or before **Thursday,**

August 13, 2026 11:00 AM. E-bids will be opened by using **EPADS v2.0** on the same day at **Thursday, August 13, 2026 11:30 AM.** Manual submission of Bids shall not be entertained. Those vendor who have not yet registered on the new version of **EPADS v2.0**, may register themselves on <https://vendors.epads.gov.pk/>. A tutorial to explain the registration process is available at <https://www.youtube.com/watch?v=MNW6T38v7tc>.

In terms of Rules 48 of Public Procurement Rules, 2004 Grievance Redressal Committee (GRC) is notified for the subject procurement and notification copy is available on the procuring agency's website and on Authority's website at (www.ppra.org.pk).

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Instructions to Bidders

A. INTRODUCTION

1. Scope of Bid

1.1. The Procuring agency/Employer (PA), as indicated in the Bid Data Sheet (BDS) invites Bids for the execution of Works as specified in the BDS and Section V- Works Requirements. The name, identification, and number of lots (contracts) of this National/ International Competitive Bidding process are specified in the BDS.

2. Source of Funds

2.1. Source of funds as referred in Clause 2 of Bid Data Sheet.

3. Eligible Bidders

3.1. A bidder may be natural person, company or firm or public or semi-public agency of Pakistan or any foreign country, or any combination of them with a formal existing agreement (on Judicial Papers) in the form of a joint venture or consortium. In the case of a joint venture or consortium, all members shall be jointly and severally liable for the execution of the Contract in accordance with the terms and conditions of the Contract. The joint venture or consortium shall nominate a Lead Member as nominated in the BDS, who shall have the authority to conduct all business for and on behalf of any and all the members of the joint venture or consortium during the Bidding process, and in case of award of contract, during the execution of contract. Verifiable copy of the agreement that forms a joint venture, consortium or association shall be required to be submitted as part of the Bid.

Any bid submitted by the joint venture, consortium or association shall indicate the part of proposed contract to be performed by each party and each party shall be evaluated (or post qualified if required) with respect to its contribution only, and the responsibilities of each party shall not be substantially altered without prior written approval of the Procuring Agency and in line with any instructions issued by the Authority.

(The limit on the number of members of JV or Consortium may be prescribed

in BDS, in accordance with the guidelines issued by the PPRA).

3.2. The invitation for bids is open to all prospective bidders subject to any provisions of incorporation or licensing by the respective national/international incorporating agency or statutory body established for that particular trade or business. Procuring agencies shall specify the registration/licensing requirements for the foreign bidder keeping in view the requirement of that business.

3.3. A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidders may be considered to have a conflict of interest with one or more parties in this Bidding process, if they:

3.3.1. are associated or have been associated in the past, directly or indirectly with a firm or any of its affiliates which have been engaged by the Procuring agency/Employer to provide consulting services for the preparation of design or technical specifications of the works that are the subject of the bid; or

3.3.2. have controlling shareholders in common; or

3.3.3. receive or have received any direct or indirect subsidy from any of them; or

3.3.4. have the same legal representative for purposes of this Bid; or

3.3.5. have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another bidder, or influence the decisions of the Procuring agency/Employer regarding this Bidding process; or

3.3.6. Submit more than one bid in this bidding process.

3.4. A Bidder may be ineligible if –

3.4.1. he is declared bankrupt or, in the case of company or firm, insolvent;

3.4.2. payments in favor of the bidder is suspended in accordance with the judgment of a court of law other than a judgment declaring bankruptcy and resulting (in accordance with the national laws) in the total or partial loss of the right to administer and dispose of its property;

3.4.3. the bidder is convicted, by a final judgment of a Court of Law or relevant Professional Statutory Body, of any offence involving professional conduct;

3.4.4. The bidder is debarred/ blacklisted by a national level Procuring agency/Employer and hence debarred due to involvement in corrupt and fraudulent practices, or performance failure or due to breach of bid securing declaration.

3.5. As and when required, bidders shall provide to the Procuring agency/Employer evidence of their eligibility, proof of compliance with the necessary legal requirements to carry out the contract effectively.

3.6. Bidders shall submit proposal relating to the nature, conditions and modalities of sub-contracting wherever the sub-contracting of any elements of the contract is envisaged.

4. Eligible Material and Equipment

4.1. All the material and equipment to be mobilized under the contract shall have their origin in eligible source countries, and all expenditures made under the contract will be limited to such materials and equipment. For this purpose, ineligible countries are stated in the section-IV titled as “Eligible Countries”.

B. BIDDING DOCUMENTS

5. Contents of Bidding Documents

5.1. The scope of Works, bidding procedures, and terms and conditions of the contract are prescribed in the bidding documents. In addition to the Invitation for Bids, the bidding documents which should be read in

conjunction with any addenda issued in accordance with ITB 7.1 include:

Section I -Invitation for Bids

Section II Instructions to Bidders (ITBs)

Section III Bid Data Sheet (BDS)

Section IV Eligible Countries

Section V Evaluation and Qualification Criteria

Section VI Works Requirements Technical Specifications & Schedule of Requirements

Section VII Standard Bidding Forms

Section VIII General Conditions of Contract (GCC)

Section IX Particular Conditions of Contract (PCC)

Section X Contract Forms

5.2. The bidder is expected to examine all instructions, forms, specifications, terms and conditions prescribed in the bidding documents. Failure to furnish all the information required in the bidding documents will be at the bidder's risk and may result in the rejection of his bid.

6. Clarification of Bidding Document, Pre-bid Meeting

6.1. A prospective bidder requiring any clarification of the bidding document may notify the Procuring agency/Employer through EPADS.

6.2. The Procuring agency/Employer shall respond to the request for clarification in accordance with Rule 31 of the Public Procurement Rules 2004.

6.3. Should the Procuring Agency deem it necessary to amend the BIDDING document as a result of a clarification, it shall do so following the procedure under ITB 7.

6.4. If indicated in the BDS, the bidder's designated representative is invited at the bidder's cost to attend a pre-bid meeting at the place, date and time mentioned in the BDS. During this pre-bid meeting, prospective bidders may request clarification of the schedule of requirement, the evaluation criteria or any other aspects of the bidding documents.

6.5. Minutes of the pre-bid meeting, if applicable, including the text of the questions asked by bidders, including those during the meeting (without identifying the source) and the responses given, together with any responses prepared after the meeting will be uploaded on EPADS. Any modification to the bidding documents that may become necessary as a result of the pre-bid meeting shall be made by the Procuring agency/Employer exclusively through the use of an Addendum pursuant to ITB 7. Non-attendance at the pre-bid meeting will not be a cause for disqualification of a bidder.

6.6. The bidder is advised to visit and examine the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the bidder's own expense.

6.7. The bidder and any of its authorized personnel will be granted permission by the Procuring agency/Employer to enter upon its premises and lands for the purpose of such visit, but only upon the express condition that the bidder and its personnel will release and indemnify the Procuring agency/Employer from and against all liability in respect thereof, and will be responsible for death or personal injury, loss of or damage to property, and any other loss, damage, costs, and expenses incurred as a result of the inspection.

7. Amendment of Bidding Documents

7.1. The procuring agency may issue notification of any change, addition, modification or deletion in accordance with Rule 23 of the Public Procurement Rules 2004 i.e. Bidding Documents.

7.2. To give prospective bidders reasonable time in which to take an addendum/corrigendum into account in preparing their bids, the Procuring agency/Employer may, at its discretion, extend the deadline for the submission of bids:

Provided that the Procuring agency/Employer shall extend the deadline for submission of bid in pursuance of Rule 27 of the Public Procurement Rules 2004, i.e. Extension of time for submission of bids, if such an addendum is

issued within last three (03) days of the bid submission deadline.

C. PREPARATION OF BIDS

8. Language of Bid

8.1. The bid prepared by the bidder, as well as all correspondence and documents relating to the bid exchanged by the bidder and the Procuring agency/Employer shall be written in the English language unless specified in the BDS. Supporting documents and printed literature furnished by the bidder may be in another language provided they are accompanied by an accurate translation of the relevant pages in the English language unless specified in the BDS, in which case, for purposes of interpretation of the bidder, the translation shall govern.

9. Documents Constituting the Bids

9.1. The Bids prepared by the Bidder shall constitute of all the documents required in the BDS.

10. Documents Establishing Eligibility of Material, Equipment and Works, their Conformity to Bidding Documents

10.1. The bid prepared by the bidder shall constitute the following components: -

10.1.1. Documentary evidence established in accordance with ITB 10 that the material and equipment to be utilized by the Bidder for the executions of works are eligible material and equipment and conform to the Bidding Documents;

10.1.2. Documentary evidence established in accordance with ITB 11 that the bidder has been authorized to carry out the Construction works;

10.1.3. Documentary evidence established in accordance with ITB 11 that the bidder is eligible and/or qualified for the subject bidding process;

10.1.4. Form of Bid and Bid Prices completed in accordance with ITB 12 and 13;

10.1.5. Completed schedules as required, including priced Bill of Quantities in accordance with ITB 13.

10.1.6. Technical Proposal completed in all aspects in accordance with ITB-15.

10.1.7. Bid security or Bid Securing Declaration furnished in accordance with ITB 17;

10.1.8. Any other document required in the BDS.

10.2. In addition to the requirements, bids submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful bid shall be signed by all members and submitted with the bid, together with a copy of the proposed Agreement.

10.3. The bidder shall furnish, as part of its bid, all those documents establishing the eligibility in conformity to the terms and conditions specified in the bidding documents for all material, equipment and works which the bidder proposes to execute.

10.4. The documentary evidence of conformity of the material, equipment and works to the Bidding Documents may be in the form of literature, drawings, and data, and shall consist of:

10.4.1. a detailed description of the work methodology, approach, schedule and resources to be mobilized at site;

10.4.2. an item-by-item commentary on the Procuring agency/Employer's Technical Specifications demonstrating substantial responsiveness of the material, equipment and works to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications;

10.4.3. any other procurement specific documentation requirement as stated in the BDS.

10.5. The required documents and other accompanying documents must be in English. In case any other language than English is used the pertinent translation into English shall be attached to the original version.

11. Documents Establishing Eligibility and Qualification of the Bidder

11.1. The bidder shall furnish, as part of its bid, all those documents establishing the bidder's eligibility to participate in the bidding process and/or its qualification to perform the contract if its bid is accepted.

11.2. The documentary evidence of the bidder's eligibility to bid shall establish to the satisfaction of the Procuring agency/Employer that the bidder, at the time of submission of its bid, is from an eligible country as defined in Section-IV titled as "Eligible Countries".

11.3. The documentary evidence of the bidder's qualification to perform the contract if its bid is accepted shall establish to the satisfaction of Procuring agency/Employer that:

11.3.1. The bidder has the financial and technical capability necessary to perform the Contract, meets the qualification criteria specified in Section-V, Evaluation and Qualification Criteria and BDS.

11.3.2. In the case of a bidder not doing business within Pakistan, the bidder is or will be (if awarded the contract) represented by a local bidder (Joint Venture) in accordance with the PEC works bylaws, and in case of award of works such foreign firm is required to participate in the execution of works to carry out its obligations as prescribed in the Conditions of Contract and /or Technical Specifications.

11.3.3. That the bidder meets the qualification criteria listed in Section-V, Evaluation and Qualification Criteria and BDS.

12. Forms of Bid

12.1. The Bidder shall fill the Form of Bids furnished in the bidding documents. The Bids Form must be completed without any alterations to its format and no substitute shall be accepted.

13. Bid Prices

13.1. The bid prices quoted by the bidder in the Standard bid Forms, Bill of Quantities and in the Price Schedules shall conform to the requirements specified below or exclusively mentioned hereafter in the bidding documents.

13.2. The bidder shall fill in rates and prices for all items of the Works described in the Bill of Quantities. If a Price Schedule shows items listed but not priced, their prices shall be construed to be included in the prices of other items in the Bill of Quantities and will not be paid for separately by the Procuring agency/Employer.

13.3. Items not listed in the Price Schedule shall be assumed not to be included in the bid, and provided that the bid is still substantially responsive in their absence or due to their nominal nature, the corresponding average price of the respective item(s) of the remaining substantially responsive bidder(s) shall be construed to be the price of those missing item(s):

Provided that:

13.3.1. where there is only one (substantially) responsive bidder, or

13.3.2. where there is provision for alternate proposals and the respective items are not listed in the other bids,

The Procuring agency/Employer may fix the price of missing items in accordance with market survey, and the same shall be considered as final price.

13.4. The Bid price to be quoted in the Form of Bid in accordance with ITB 12 shall be the total price of the bid.

13.5. Unless otherwise specified in the BDS and the Contract, the rates and prices quoted by the bidder are subject to adjustment during the performance of the Contract in accordance with the provisions of the

Conditions of Contract.

13.6. If so specified in ITB 1.1, bids may be invited for individual lots (contracts) or for any combination of lots (packages).

13.7. Prices quoted by the Bidder shall be fixed during the bidder's performance of the contract and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and shall be rejected, pursuant to ITB 27, unless otherwise price adjustment is permissible under Conditions of the Contract.

13.8. All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, as of the date twenty-eight (28) days prior to the deadline for submission of bids, shall be included in the rates and prices and the total bid price submitted by the bidder.

14. Currencies of Bid and Payment

14.1. Prices shall be quoted in Pakistani Rupees unless otherwise specified in the BDS. Comparison of bids and tie of bid shall be treated in accordance with the Rule 30(2) of Public Procurement Rules, 2004.

15. Documents Comprising the Technical Proposal

15.1. The bidder shall furnish a Technical Proposal including a statement of work methods, equipment, personnel, schedule and any other information as stipulated in Section VII – Standard Bid Forms, in sufficient detail to demonstrate the adequacy of the bidder's proposal to meet the work requirements and the completion time.

16. Bid Validity Period

16.1. Bids shall remain valid for the period specified in the BDS after the bid submission deadline prescribed by the Procuring agency/Employer. A bid valid for a shorter period shall be rejected by the Procuring agency/Employer as non-responsive. The period of bid validity will be determined from the complementary bid securing instrument i.e. the expiry period of bid security or bid securing declaration as the case may be.

16.2. Under exceptional circumstances, prior to the expiration of the initial Bids/Bid validity period, the Procuring Agency may request the Bidders' consent to an extension of the period of validity of their Bids/Bid. Such request for extension of the period of bid validity shall be carried out in accordance with Rule 26 of the Public Procurement Rules, 2004.

17. Bid Security or Bid Securing Declaration

17.1. Pursuant to ITB 11.1 unless otherwise specified in the BDS, the bidder shall furnish as part of its bid, a Bid Security in accordance with Rule 25 of the Public Procurement Rules, 2004 in the amount and currency specified in the BDS or Bid Securing Declaration as specified in the BDS in the format provided in Section VII (Standard Bidding Forms).

In case Procuring agency/Employer is inviting bids in lots / packages, the bidder shall be required to submit his bid security against the respective lot/package for which he is submitting his bid.

Until the development of functionality of auto verification of financial instrument in EPADS, the scanned copy of bid security or bid securing declaration, as the case may be, shall be uploaded on E-PADS whereas the original instrument to be submitted to the procuring agency before closing of bid submission deadline,

17.2. The Bid Security shall be denominated in the local currency or in another freely convertible currency, and it shall be in the form specified in the **BDS** which shall be in any of the following:

17.2.1. A bank guarantee, an irrevocable letter of credit issued by a Scheduled bank in the form provided in the Bidding Documents or another form acceptable to the Procuring agency/Employer and valid for twenty-eight (28) days beyond the end of the validity of the Bid. This shall also apply if the period for Bid Validity is extended. In either case, the form must include the complete name of the bidder;

17.2.2. A cashier's or certified cheque; or

17.2.3. Another security as indicated in the **BDS**.

17.3. The Bid Security or Bid Securing Declaration shall be in accordance with the Form of the Bid Security or Bid Securing Declaration included in Section VII (Standard Bidding Forms) or another form approved by the Procuring agency/Employer prior to the bid submission.

17.4. The Bid Security shall be payable promptly upon written demand by the Procuring agency/Employer in case any of the conditions listed in ITB 17.9 are invoked.

17.5. Any bid not accompanied by a Bid Security or Bid Securing Declaration in accordance with ITB 17.1 or 17.3 shall be rejected by the Procuring agency/Employer and shall be declared as non-responsive bid, pursuant to ITB 27.

17.6. Unsuccessful bidders' Bid Security will be discharged or returned as promptly as possible, however in no case later than thirty (30) days after the expiration of the period of Bid Validity prescribed by the Procuring agency/Employer pursuant to ITB 16. The Procuring agency/Employer shall make no claim to the amount of the Bid Security, and shall promptly return the Bid Security document, after whichever of the following that occurs earliest:

17.6.1. The expiry of the Bid Security;

17.6.2. The entry into force of a procurement contract and the provision of a performance security (or guarantee), for the performance of the contract if such a security (or guarantee), is required by the Bidding documents;

17.6.3. The rejection by the Procuring agency/Employer of all Bids;

17.6.4. The withdrawal of the bid prior to the deadline for the submission of bids, unless the bidding documents stipulate that no such withdrawal is permitted.

17.7. The successful bidder's Bid Security will be discharged upon the bidder signing the contract pursuant to ITB 40, or furnishing the performance security (or guarantee), pursuant to ITB 41.

17.8. The Bid Security may be forfeited or the Bid Securing Declaration executed:

17.8.1. if a Bidder:

17.8.1.1. Withdraws its Bid during the period of Bid Validity as specified by the Procuring agency/Employer, and referred by the bidder on the Form of Bid except as provided for in ITB 16.2; or

17.8.2. In the case of a successful bidder, if the bidder fails:

17.8.2.1. to sign the contract in accordance with ITB 40; or

17.8.2.2. to furnish performance security (or guarantee) in accordance with ITB 41.

17.9. In case of Bid Security issued by the foreign bank is allowed by the Procuring agency/Employer, the same should be counter guaranteed by a corresponding bank in Pakistan. Furthermore, in case of joint venture, it should be in the name of Joint venture to ensure joint responsibility. In case the JV is not legally constituted at the time of bid submission, the bid security or bid securing declaration shall be in the names of all future members as named in the letter of bid.

18. Withdrawal of Bids

18.1. Before bid submission deadline, any bidder may withdraw, substitute, or modify its bid after it has been submitted by sending a written notice, duly signed by an authorized representative, and the corresponding must accompany the respective written notice.

19. Format and Signing of Bid

19.1. The Bidder shall prepare and submit Bids through EPADS with due diligence after carefully reading all the terms and condition before bid submission deadline.

D. SUBMISSION OF BIDS

20. Submission of Bids through EPADS v2.0

20.1. All bids shall be submitted through EPADS v2.0.

21. Deadline for Submission of Bids

21.1. All bids shall be received through **EPADS v2.0** not later than bid submission deadline as specified in the **BDS**.

21.2. The Procuring agency/Employer may, under exceptional circumstances and at its discretion, extend the deadline for the submission of bids, pursuant to Rule 27 of the Public Procurement Rules, 2004. Extension of Time for submission of bid, by amending the Bidding Documents in accordance with ITB 7, in which case all rights and obligations of the Procuring agency/Employer and bidders previously subject to the deadline will thereafter be subject to the new deadline.

22. Substitution and Modification of bids

22.1. A bidder may substitute or modify his bid after it has been submitted, provided that written notice of the substitution or modification of the bid, is received by the Procuring agency/Employer prior to the deadline for submission of bids.

22.2. Revised bid may be submitted after the substitution or modification made in the original bid in accordance with the provisions referred in **ITB 18**.

E. OPENING AND EVALUATION OF BIDS

23. Opening of Bids

23.1. The Procuring Agency will open bids in accordance with Rule 28 of the Public Procurement Rules, 2004 and as specified in the BDS.

24. Confidentiality

24.1. Information relating to the examination, clarification, evaluation and comparison of bids and recommendation of contract award shall not be disclosed to bidders or any other persons not officially concerned with such process until the time of the announcement of the respective evaluation report.

25. **Clarification of Bids**

25.1. Clarification of Bidding Documents shall be carried out in accordance with Rule 31 of the Public Procurement Rules, 2004.

25.2. The alteration or modification in the bid which in any case affect the following parameters will be considered as a change in the substance of a bid:

- 25.2.1. evaluation & qualification criteria;
- 25.2.2. required scope of work;
- 25.2.3. contract price;
- 25.2.4. all securities requirements;
- 25.2.5. tax requirements;
- 25.2.6. terms and conditions of bidding documents.
- 25.2.7. change in the ranking of the bidder

26. **Preliminary Examination of Bids**

26.1. Prior to the detailed evaluation of bids, the Procuring agency/Employer will determine whether each bid:

- 26.1.1. meets the eligibility criteria defined in **ITB 3** and **ITB 4**;
- 26.1.2. has been prepared as per the format and contents defined by the Procuring agency/Employer in the bidding documents;
- 26.1.3. has been properly signed;

26.1.4. is accompanied by the required securities; and

26.1.5. is substantially responsive to the requirements of the bidding documents.

The Procuring agency/Employer's determination of a bid's substantial responsiveness will be based on the contents of the bid itself.

26.2. A substantially responsive Bid is one which conforms to all the terms, conditions, and specifications of the Bidding Documents, without material deviation or reservation. A material deviation or reservation is one that: -

26.2.1. affects in any substantial way the scope, quality, or performance of the Works;

26.2.2. limits in any substantial way, inconsistent with the bidding documents, the Procuring agency/Employer's rights or the bidders' obligations under the Contract; or

26.2.3. if rectified, would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

26.3. The Procuring agency/Employer will confirm that the documents and information specified under ITB 9, 10 and 11 have been provided in the bid. If any of these documents or information is missing, or is not provided in accordance with the Instructions to Bidders, the bid shall be rejected.

26.4. The Procuring agency/Employer may waive-off any minor informality, nonconformity, or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

Explanation: A minor informality, non-conformity or irregularity is one that is merely a matter of form and not of substance. It also pertains to some immaterial defect in a Bid or variation of a bid from the exact requirements of the invitation that can be corrected or waived without being prejudicial to other bidders. The defect or variation is immaterial when the effect on quantity, quality, or delivery is negligible when contrasted with the total cost or scope of the works. The Procuring agency/Employer either shall give the bidder an opportunity to cure any deficiency resulting from a minor

informality or irregularity in a bid or waive the deficiency, whichever is advantageous to the Procuring agency/Employer. Examples of minor informalities or irregularities include failure of a bidder to –

26.4.1. Submit the number of copies of signed bids required by the invitation;

26.4.2. Furnish required information concerning the number of its employees;

26.4.3. the firm submitting a bid has formally adopted or authorized, before the date set for opening of bids, the execution of documents by typewritten, printed, or stamped signature and submits evidence of such authorization and the bid carries such a signature.

26.5. Provided that a Technical Bid is substantially responsive, the Procuring agency/Employer may request the bidder to submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the Technical Bid related to documentation requirements. Requesting information or documentation on such nonconformities shall not be related to any such aspect of the technical Proposal linked with the ranking of the bidders. Failure of the bidder to comply with the request may result in the rejection of its bid.

26.6. Provided that a Technical Bid is substantially responsive, the Procuring agency/Employer shall rectify quantifiable nonmaterial nonconformities or omissions related to the Financial Proposal. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of the missing or nonconforming item or component.

26.7. If a bid is not substantially responsive, it will be rejected by the Procuring agency/Employer and may not subsequently be evaluated for complete technical responsiveness.

27. Examination of Terms and Conditions; Technical Evaluation

27.1. The Procuring agency/Employer shall examine the bid to confirm that all terms and conditions specified in the **GCC** and the **PCC** have been

accepted by the bidder without any material deviation or reservation.

For this purpose:

“Deviation” means departure from the requirements specified in the Bidding Document.

“Reservation” means setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Document.

27.2. The Procuring agency/Employer shall evaluate the technical aspects of the bid submitted in accordance with ITB 30, to confirm that all requirements specified in Section VI – Works Requirement, Technical Specifications of the Bidding Documents have been met without material deviation or reservation.

27.3. If after the examination of the terms and conditions and the technical evaluation, the Procuring agency/Employer determines that the bid is not substantially responsive in accordance with ITB 27, it shall reject the bid.

28. Correction of Arithmetic Errors

28.1. Bids determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows: -

28.1.1. if there is a discrepancy between unit prices and the sub-total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the sub-total price shall be corrected, unless in the opinion of the Procuring agency/Employer there is an obvious misplacement of the decimal point in the unit price, in which the total price as quoted shall govern and the unit price shall be corrected;

28.1.2. if there is an error in a total corresponding to the addition or subtraction of sub-totals, the sub-totals shall prevail, and the total shall be corrected; and

28.1.3. where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

28.1.4. Where there is discrepancy between grand total of price schedule and amount mentioned on the Form of Bid, the amount referred in Price Schedule shall be treated as correct subject to elimination of other errors.

28.2. The amount stated in the Bid will, be rectified by the Procuring agency/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 amount, its bid shall be rejected after forfeiture of Bid Security or execution of the Bid Securing Declaration, as the case may be, in accordance with **ITB 41.3**.

29. Conversion to Single Currency

29.1. The unit rates and the prices shall be quoted by the bidder entirely in Pak rupees. A bidder expecting to incur expenditures in other currencies for inputs to the Works from outside the Procuring agency/Employer's country (referred to as the "Foreign Currency Requirements") shall indicate the same in the letter of bid-financial proposal. The proportion of the Bid Price (excluding Provisional Sums) needed by him for the payment of such Foreign Currency Requirements either (i) entirely in the currency of the Bidder's home country or, (ii) at the bidder's option, entirely in Pak rupees provided always that a bidder expecting to incur expenditures in a currency or currencies other than those stated in (i) and (ii) above for a portion of the foreign currency requirements, and wishing to be paid accordingly, shall indicate the respective portions in his bid. Comparison of bids quoted in different currencies and conversion of bids into a single currency shall be carried out in accordance with Rule 30(2) of the Public Procurement Rules, 2004.

30. Evaluation of Bids

30.1. The Procuring agency/Employer shall evaluate and compare only the bids determined to be substantially responsive, pursuant to **ITB 27**.

30.2. In evaluating the Technical Proposal of each Bid, the Procuring agency/Employer shall use the criteria and methodologies listed in the BDS

and in terms of works requirement. No other evaluation criteria or methodologies shall be permitted.

30.3. The Procuring agency/Employer's evaluation of a bid will take into account:

30.3.1. the bid price, excluding provisional sums and the provision, if any, for contingencies in the summary bill of quantities, but including day work items, where priced competitively;

30.3.2. converting the amount resulting from applying above, if relevant, to a single currency in accordance with ITB 29;

30.4. 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.

30.5. If these bidding documents allow bidders to quote separate prices for different lots, and the award to a single bidder of multiple lots, the methodology of evaluation to determine the lowest evaluated lot combinations in the Form of Bid, is specified in the **BDS**.

30.6. If the bid, which results in the Evaluated Bid Price (Successful Bid), is seriously unbalanced or front loaded in the opinion of the Employer, 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. After evaluation of the price analyses, taking into consideration the schedule of estimated Contract payments, the Employer may require that the amount of the performance security be increased at the expense of the Bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful Bidder under the Contract.

Explanation:

"Unbalanced" or "front-loaded" bids consist of deliberately submitting bids with artificially high prices or unit rates for the early stages of a construction project, offset by artificially low prices or unit rates for the later stages of the project, to improve the contractor's cash flow.

31. Domestic Preference

31.1. If the **BDS** so specifies, the Procuring agency/Employer will grant a margin of preference to the domestic contractor in line with the rules, regulations, regulatory guides or instructions issued by the Authority from time to time.

32. Determination of Successful Bid

32.1. The Procuring agency/Employer shall compare the evaluated bids in accordance with the predefined bidding procedure, of all substantially responsive bids to determine the Successful bidder.

33. Qualification of Bidder

33.1. The Procuring agency/Employer shall determine to its satisfaction whether the bidder is substantially responsive and whose bid is declared as Successful bid either continues to meet (if prequalification applies) or meets (if post-qualification applies) the qualifying criteria specified in Evaluation and Qualification Criteria.

Note: In case of international bidding, the parameters for incorporation or licensing within Pakistan may be fulfilled as part of post qualification.

33.2. The determination shall be based upon an examination of the documentary evidence of the bidder's qualifications submitted by the bidder, pursuant to **ITB 11**.

33.3. Prior to contract award, the Procuring agency/Employer will verify that the successful bidder (including each member of a JV) is not blacklisted/debarred. The Procuring agency/Employer will conduct the same verification for each sub-contractor proposed by the successful bidder.

34. Sub-Contractors

34.1. The bidder shall provide details regarding any specialized sub-contractor to the Procuring agency/Employer. In case change of sub-contractors, the bidder shall promptly notify the Procuring agency/Employer and obtain approval for replacement of sub-contractors.

34.2. Bidders may propose sub-contracting up to the percentage of total value of contracts or the volume of works as specified in the **BDS**.

35. **Abnormally Low Financial Bid**

35.1. A procuring Agency may reject abnormally low bids. The decision of the Procuring agency/Employer to reject a bid and reasons for the decision shall be recorded in the procurement proceedings and promptly communicated to the bidder concerned. Moreover, the Procuring agency/Employer shall not incur any liability solely by rejecting abnormally bid

Guidance for Procuring agency/Employer:

An abnormally low bid means, in the light of the Procuring agency/Employer's estimate and of all the bids submitted, the bid appears to be abnormally low by not providing a margin for normal levels of profit. In order to identify the Abnormally Low Bid (ALB) following approaches can be considered to minimize the scope of subjectivity:

35.1.1. Comparing the bid price with the cost estimate;

35.1.2. Comparing the bid price with the bids offered by other bidders submitting substantially responsive bids; and

35.1.3. Comparing the bid price with prices paid in similar contracts in the recent past either government- or development partner-funded.

35.2. The Procuring agency/Employer will determine to its satisfaction whether the bidder that is selected as having submitted the successful bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in **ITB 11**

35.3. The determination will take into account the bidder's financial and technical capabilities. It will be based upon an examination of the documentary evidence of the bidder's qualifications submitted by the bidder, pursuant to **ITB 11**, as well as such other information as the Procuring agency/Employer deems necessary and appropriate. Factors not included in these bidding documents shall not be used in the evaluation of the bidders' qualifications.

35.4. Procuring agency/Employer may seek “Certificate for Independent Price Determination” from the bidder and the results of reference checks may be used in determining award of contract.

Explanation: The Certificate shall be furnished by the bidder. The bidder shall certify that the price is determined keeping in view of all the essential aspects such as raw material, its processing, value addition, optimization of resources due to economy of scale, transportation, insurance and margin of profit etc.

35.5. An affirmative determination will be a prerequisite for award of the contract to the bidder. A negative determination will result in rejection of the bidder’s bid, in which event the Procuring agency/Employer will proceed to the next ranked bidder to make a similar determination of that bidder’s capabilities to perform satisfactorily.

F. AWARD OF CONTRACT

36. Criteria of Award

36.1. Subject to **ITB 36 and 37**, the Procuring agency/Employer will award the Contract to the bidder whose bid has been determined to be substantially responsive to the bidding documents and who has been declared as Successful Bidder, provided that such bidder has been determined to be:

36.1.1. eligible in accordance with the provisions of **ITB 3**;

36.1.2. is determined to be qualified to perform the Contract satisfactorily;
and

36.1.3. Successful negotiations have been concluded, if any.

37. Negotiations

37.1. The Committee of the Procuring agency/Employer may negotiate with the Most Advantageous Bidder relating to the following areas:

37.1.1. a minor alteration to the technical (drawings, design technical specifications) details of the statement of works;

37.1.2. Methodology, work plan, staffing in view to streamline the work;

37.1.3. a minor amendment to the Particular conditions of Contract;

37.1.4. finalizing payment arrangements;

37.1.5. clarifying details that were not apparent or could not be finalized at the time of Bidding;

37.2. Where negotiation fails to result into an agreement, the Procuring agency/Employer may invite the next ranked bidder for negotiations. Where negotiations are commenced with the next ranked bidder, the Procuring agency/Employer shall not reopen earlier negotiations.

38. Procuring agency's Right to reject All Bids

38.1. The procuring agency has the right to reject all bids in accordance with Rule 33 of the Public Procurement Rules, 2004. However, the Authority (i.e. **PPRA**) may call from the Procuring agency/Employer the justification of those grounds.

39. Notification of Award

39.1. The procuring agency shall announce and publish the evaluation result in accordance with Rule 35 of the Public Procurement Rules, 2004.

39.2. Where no complaints have been lodged, the bidder whose bid has been accepted will be notified of the award by the Procuring agency/Employer prior to expiration of the bid validity period through EPADS. However, the Procuring agency/Employer shall not award any procurement contract at least for five (05) days after the announcement of final evaluation report. The notification letter (herein after and in the condition of the contract and contract form called "Letter of Acceptance" will specify the sum that the Procuring agency/Employer will pay the successful bidder in consideration for the execution and completion of the

works as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price).

39.3. The notification of award will constitute the formation of the Contract, subject to the bidder furnishing the Performance Security (or guarantee) in accordance with **ITB 41** and signing of the contract in accordance with **ITB 40**.

39.4. Upon the successful bidder's furnishing of the performance security (or guarantee) pursuant to **ITB 41**, the Procuring agency/Employer will promptly notify each unsuccessful bidder, the name of the successful bidder and the Contract amount and will discharge the Bid Security or Bid Securing Declaration of the bidder(s) pursuant to **ITB 17**.

40. Signing of Contract

40.1. Promptly after notification of award, Procuring agency/Employer shall send the successful bidder the draft agreement, incorporating all terms and conditions as agreed by the parties to the contract.

40.2. Immediately after the Redressal of grievance by the **GRC**, and after fulfillment of all conditions precedent of the Contract Form, the successful bidder and the Procuring agency/Employer shall sign the contract.

40.3. Where no formal signing of a contract is required, work order issued to the bidder shall be construed to be the contract.

41. Performance Security (or Guarantee)

41.1. After the receipt of the Letter of Acceptance, the successful bidder, within the specified time, shall deliver to the Procuring agency/Employer a Performance Guarantee in the amount and in the form stipulated in the BDS and PCC, denominated in the type and proportions of currencies in the Letter of Acceptance and in accordance with the Conditions of Contract.

41.2. If the Performance Guarantee is provided by the successful bidder and it shall be in the form specified in the BDS which shall be in any of the following:

41.2.1. certified cheque, cashier's or manager's cheque, or bank draft;

41.2.2. irrevocable letter of credit issued by a scheduled bank of Pakistan or in the case of an irrevocable letter of credit issued by a foreign bank, the letter shall be confirmed or authenticated by a scheduled bank of Pakistan;

41.2.3. bank guarantee confirmed by a reputable local bank or, in the case of a successful foreign bidder, bonded by a foreign bank; or

41.2.4. surety bond callable upon demand issued by any reputable surety or insurance company.

Any Performance Guarantee submitted shall be enforceable in Pakistan.

41.3. Failure of the Most Advantageous Bidder to comply with the requirement of **ITB 40** shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security or declare blacklisted (in case bid securing declaration is submitted) in which event the Procuring agency/Employer may make the award to the next most advantageous bidder or reinitiate the procurement process afresh (as a case may be).

42. **Advance Payment**

42.1. Advance payment will be provided to the bidder in percentage and in the manner as agreed by the both parties in terms of Conditions of the Contract.

42.2. The Procuring agency/Employer will provide an advance payment as stipulated in the Conditions of Contract, subject to a maximum amount, as stated and/or Conditions of the Contract. The advance payment request shall be accompanied by an advance payment security (guarantee) in the form provided in Section X. For the purpose of receiving the advance payment, the bidder shall make and estimate of, and include in its bid, the expenses that will relate to the purchase of equipment, machinery, materials, and on the engagement of labor during the first month beginning with the date of the Procuring agency/Employer's "**Notice to Commence**" as specified in the **PCC**.

43. General Performance of the Bidders

43.1. The Procuring agency/Employer reserves the right to obtain information regarding performance of the bidders on their previously awarded contracts / works. The Procuring agency/Employer may seek information / report from the previous employer for consideration. However, the Procuring agency/Employer shall incorporate such parameters in the evaluation criteria and accordingly decide the fate of the bid submitted.

44. Corrupt & Fraudulent Practices

44.1. Procuring agencies (including beneficiaries of Government funded projects and procurement) as well as Bidders/Suppliers/Contractors under Government financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts, and will avoid to engage in any corrupt and fraudulent practices.

G. GRIEVANCE REDRESSAL & COMPLAINT REVIEW MECHANISM

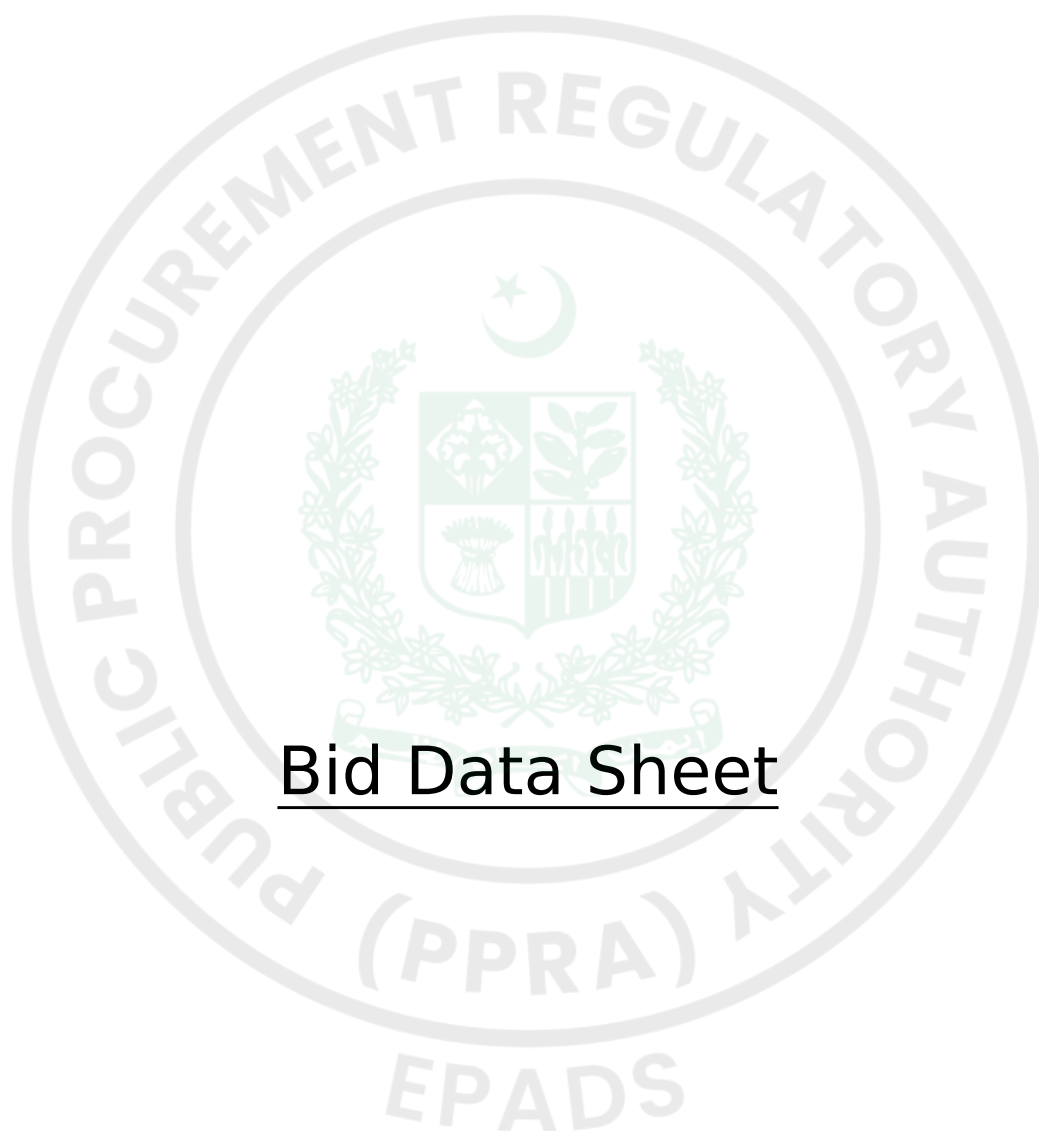
45. Grievance Redressal

45.1. Grievance Redressal shall be carried out in accordance with Rule 48 of the Public Procurement Rules, 2004 i.e. Redressal of grievances by the procuring agency and “Redressal of Grievances Regulations 2021”.

H. MECHANISM OF BLACKLISTING

46. Mechanism of Blacklisting

46.1. The Procuring agency/Employer shall proceed Blacklisting of Bidders/Contractors in accordance with Rule 19 of the Public Procurement Rules, 2004 i.e. Blacklisting and “Blacklisting and Debarment of Bidders or Contractors Regulations 2024.”



Bid Data Sheet

Bids Data Sheet (BDS)

The following specific data for the procurement of Goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

BDS Clause Number	ITB Number	Amendments of, and Supplements to, Clauses in the Instruction to Bidders
A. Introduction		
1	1.1	Name of Procuring Agency: Islamabad International Airport (Pakistan Airports Authority) (Pakistan Airports Authority (PAA)) The subject of procurement is: CONSTRUCTION OF 32 NO. JS APARTMENTS (02 BED) FOR ASF AT IIAP ISLAMABAD. Expected commencement date: Monday, September 7, 2026
2.	2.1	Financial year for the operations of the Procuring Agency: 2026-27 Name and identification number of the Contract: P71351
3.	3.1	JV/Consortium or Association Allowed: Yes Number of JV/Consortium Members: 02
B. Bidding Documents		

4.	6.2 & 6.4	The Bidders may seek clarifications through EPADS v2.0: Clarification Date: Thursday, August 6, 2026 Pre-Bid Meeting: Tuesday, August 4, 2026 11:00 AM Venue: Landside Division, Islamabad International Airport, Islamabad
5.	7.2	Any addendum, in case issued, shall be published on Islamabad International Airport (Pakistan Airports Authority) (Pakistan Airports Authority (PAA)) website and on EPADS v2.0.
C. Preparation of Bids		
6.	8.1	List of documents required along with the bid: 1. Experience: At least one similar project completed in the last 5 years (minimum G+1 RCC residential/administrative building) worth PKR 100 million or more; submit Work Order/Contract, Completion Certificate, and project details. 2. NTN: valid certificate. 3. Affidavit: No blacklisting or litigation. 4. Professional Tax: valid certificate. 5. PEC Licence: valid licence
7.	9.1	The qualification criteria to establish the supply / production capability of the bidder. <i>see Eligibility Criteria</i>

8.	11.2	Works and Their related documents: <i>See section Required Scope of Work</i>
9.	11.1	Price schedule will be provided according to the format defined and acquired. <i>see section price schedule.</i>
10.	11.4	Specifications: <i>see section of specifications.</i>
11.	11.5 & 13.5	The price shall be Fixed. The bid price shall be adjusted in accordance with Appendix provided – Formula for Price Adjustment.
12.	14.1	Currency of the Bids shall be : PKR
13.	16.1	The Bids/Bid Validity period shall be: 120 Days
14.	17.1	The amount of Bid Security shall be as defined in Bid Security Section for items and lots given in BDS 6
15.	17.2	The Bid Security shall be in the form of: Pay Order, Banker's Cheque
16.	15.1	Alternative Bids to the requirements of the bidding documents will not be permitted.
D. Submission of Bids		

17.	18.1 & 21.1	Bid shall be submitted online on EPADS v2.0 whereas hard copy of the bid security should be submitted to the following; Landside Division, Islamabad International Airport, Islamabad, Islamabad Capital Territory Bids that are not submitted on EPADS v2.0 shall be disqualified. The deadline for Bids submission is: Thursday, August 13, 2026 11:00 AM
E. Opening and Evaluation of Bids		
18.	24.1	The Bids opening shall take place on EPADS v2.0. Day : Thursday Date: August 13, 2026 Time : 11:30 AM
19.	30.2	Selection technique adopted will be: Least Cost Based Selection (LCBS) <i>see Evaluation Criteria</i>
F. Award of Contract		
20.	41.1 & 41.2	The Performance guarantee shall: 5.00%. The Performance Guarantee shall be acceptable in the form of: Bank Guarantee
21.	45.1	Arbitrator shall be appointed by mutual consent of the both parties.

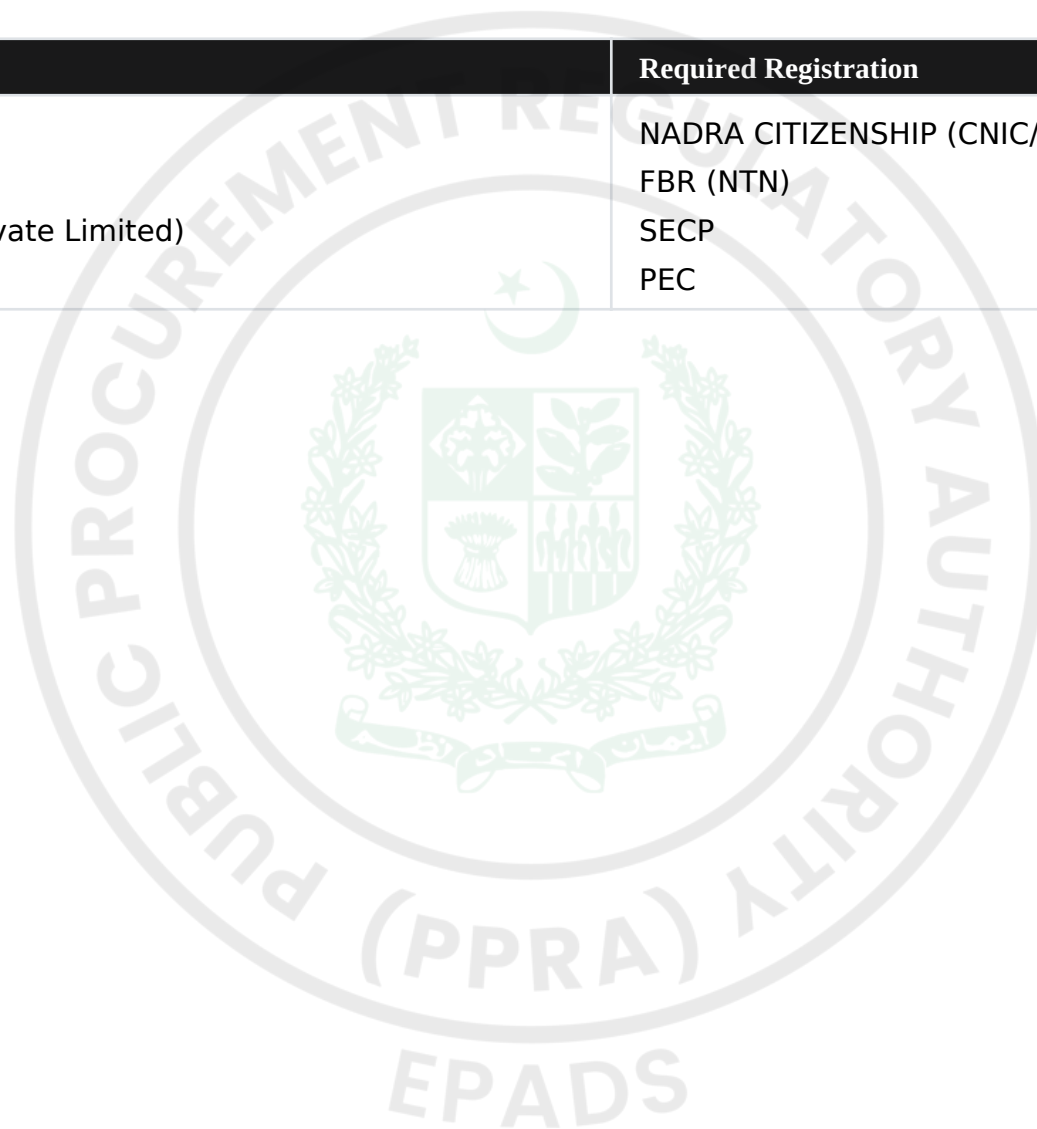
G. Review of Procurement Decisions

22.	37	Grievance against this procurement shall be submitted online on EPADS v2.0.
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Eligibility Criteria

Bidder's Type	Required Registration
Sole Proprietorship	NADRA CITIZENSHIP (CNIC/NICOP)
Company (Private Limited)	FBR (NTN)
State Owned Enterprise (Private Limited)	SECP
	PEC



Evaluation Criteria

Least Cost Based Selection (LCBS)

Jobs/Lots

Jobs Without Lots :

Job	Delivery Schedule	Quantity	Bid Security
CONSTRUCTION OF 32 NO. JS APARTMENTS (02 BED) FOR ASF AT IIAP ISLAMABAD	Address: Landside Division, Islamabad International Airport, Islamabad, Islamabad Capital Territory Schedule: 365 Days Quantity: 1/job	1/job	9000000 PKR

Related Services :

No



Work Specifications and Market Rates

Jobs Without Lots :

Job: CONSTRUCTION OF 32 NO. JS APARTMENTS (02 BED) FOR ASF AT IIAP ISLAMABAD

Specifications / Requirements:

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
1					In Figure	In Words	
2	1	Cutting to a required gradient in all kinds of soil (except rock) and dressing the ground by bulldozers, grader or scraper including disposal of excavated stuff within 3 chains (91.5 Rm) including all lifts as required.	100 Cft	7200			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
3	2	Excavation for foundation trenches and drains in all kinds of soil (except gravelly and murum soil, wet silt, clay or mud conglomeration of gravel and boulders, soft, sandy or disintegrated sandy and hard rock) and back filling the excavated material in foundation, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	100 Cft	39690			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
4	3	Supplying and laying machine crushed 2" to 1/2" (51 mm to 13 mm) stone ballast of approved grade and quality in sub-base or base courses in required grade and camber and compacting to the required density by approved mechanical means (Vibratory Roller, Road Packer and Smooth Wheel Roller etc.) including watering with all lead and lift complete. (actual compacted depth shall be considered for payment)	100 Cft	7938			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
5	4	Providing and carrying out termite proffing in foundations, under floors and wood work surface with a solution using of confront TC with water and spraying the solution of the area to be treated as completed as per direction of Engineer incharge.	P.Sft	9600			
6	5	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using crushed graded boulders (machine broken) 1 inches (51 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	100 Cft	1984			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE	Amount
7	6	P/L RCC using crushed graded boulders 3/4" & down gauge with lawrencepur sand having min.works cube crushing strength of 3750 PSI at 28 days with a mix not leaner than 1:1-1/2:3 i/c form work & its removal compacting & curing etc. complete but excluding the cost of steel reinforcement...				
8	i	In column Raft foundation of required size.	100 Cft	12916		
9	ii	In footing column in foundation basement and plinth.	100 Cft	244		
10	iii	In plinth beams of required shape and design in foundation basement and plinth.	100 Cft	1316		

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
11	iv	In columns of square or rectangular shape in G/floor superstructure.	100 Cft	1296			
12	v	In straight beams, cantilever beams of required shape/section in basement and ground float.	100 Cft	1360			
13	vi	In ordinary slab 5" to 6" thick in basement, plinth and ground floor.	100 Cft	3200			
14	vii	In ordinary slab more than 6" thick in basement, plinth and ground floor.	100 Cft	126			
15	viii	In straight stairs and landing G/F	100 Cft	80			
16	ix	In lintels of required size in G/floor.	100 Cft	386			
17	x	In shelves 1-1/2" to 2" thick in ground floor.	100 Cft	26			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
18	xi	In columns of square or rectangular shape in 1st floor	100 Cft	1296			
19	xii	In straight beams, cantilever beams of required shape/section in 1st floor	100 Cft	1466			
20	xiii	In ordinary slab 5" to 6" thick in 1st floor.	100 Cft	3204			
21	xiv	in cantilever chajja F/F	100 Cft	126			
22	xv	In straight stairs and landing .F/F	100 Cft	80			
23	xvi	In lintels of required size in 1st floor.	100 Cft	226			
24	xvii	In shelves 1-1/2" to 2" thick 1st Floor.	100 Cft	26			
25	xviii	In columns of square or rectangular shape in 2nd floor	100 Cft	1296			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
26	xix	In straight beams, cantilever beams of required shape/section in 2nd floor	100 Cft	1466			
27	xx	In ordinary slab 5" to 6" thick in 2nd floor.	100 Cft	3204			
28	xxi	in cantilever chajja 2nd/F	100 Cft	126			
29	xxii	In straight stairs and landing .2nd/F	100 Cft	80			
30	xxiii	In lintels of required size in 2nd floor.	100 Cft	226			
31	xxiv	In ordinary slab 3" to 5" thick in 2nd floor.	100 Cft	26			
32	xxv	In columns of square or rectangular shape in 3rd floor	100 Cft	1322			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
33	xxvi	In straight beams, cantilever beams of required shape/section in 3rd floor	100 Cft	1466			
34	xxvii	In ordinary slab 5" to 6" thick in 3rd floor.	100 Cft	3204			
35	xxviii	in cantilever chajja 3rd/F	100 Cft	126			
36	xxix	In ordinary slab 3" to 5" thick in 3rd floor.	100 Cft	80			
37	xxx	In over head water tank, beams, etc in 3rd Floor	100 Cft	226			
38	xxxi	In ordinary slab 3" to 5" thick in 3rd floor.	100 Cft	26			
39	xxxii	In columns of square or rectangular shape in 3rd floor Mumty.	100 Cft	68			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
40	xxxiii	In straight beams, cantilever beams of required shape/section in 3rd floor Mumty.	100 Cft	124			
41	xxxiv	In ordinary slab 3" to 5" thick in 3rd floor Mumty.	100 Cft	240			
42	xxvi	In a square of rectangular bottom slab of over head water tankin 3rd Floor.	100 Cft	600			
43	8	Providing and fixing plain polyvinyle chloride (PVC) water stops 12" (305 mm) wide in vertical or horizontal expansion joints including cutting and jointing etc. complete in all floors.	P.Rft	90			
44	9	Providing and mixing water proofing agent cemcon in cement mortar of any description in any floor @ 0.25ltr/Bag.	P.Ltr	28			

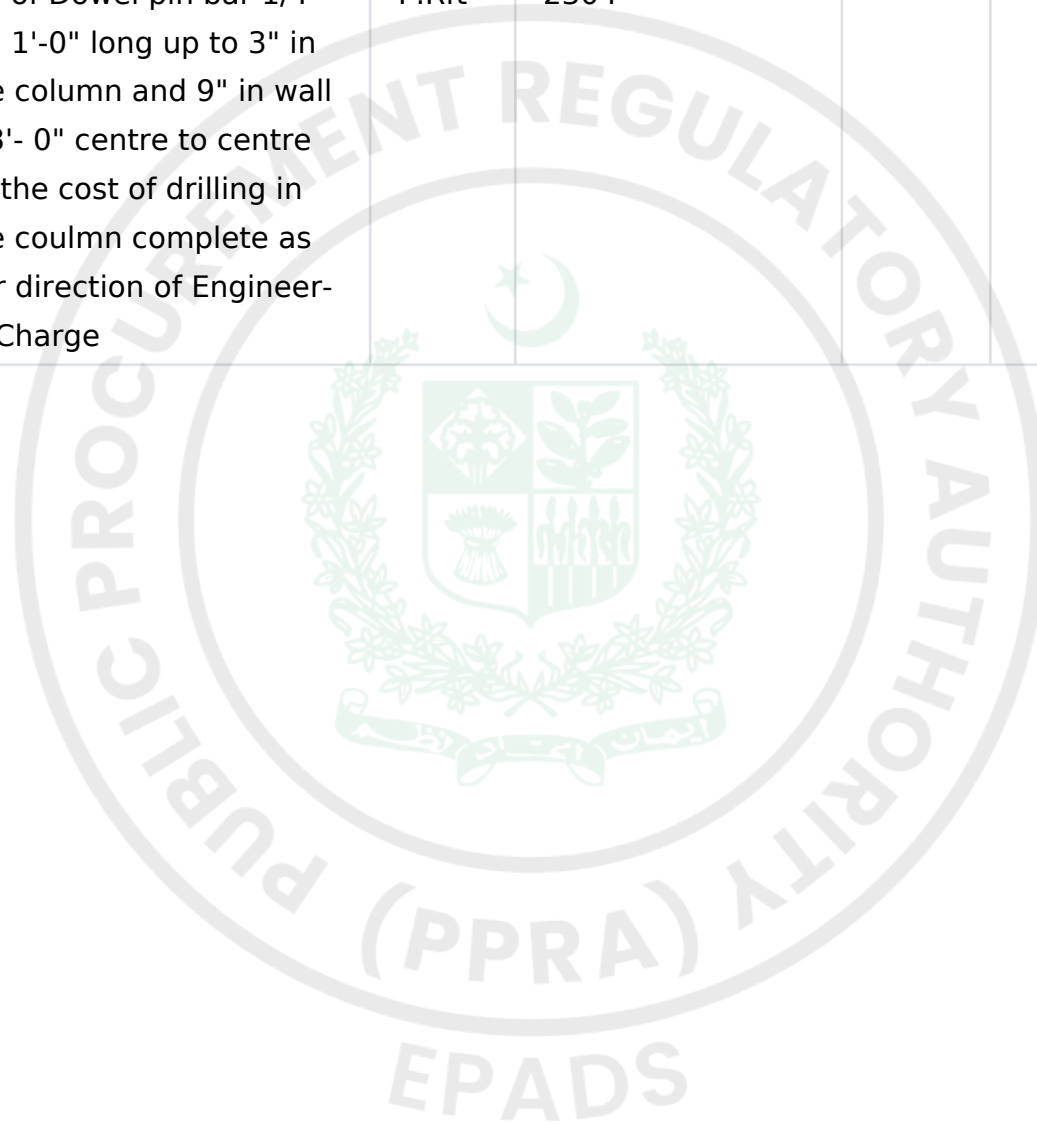
Sr. No	Item Ref.No	Description	Unit	Qty	RATE	Amount
45	10	Providing and laying dado and skirting etc. 7/8 inch (22 mm) thick consisting of 3/8 inch (9.5 mm) thick topping 1:2 (one grey cement 2 marble chips 0 to 4 No.) in 2nd floor over 1/2 inch (13 mm) thick cement mortar base 1:4 with grinding, rubbing, polishing and curing etc. complete.	100 Sft	556		

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
46	11	Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or m.s. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension .	P.Kg	158892.92196007			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
47	12	P/L 1st class solid burnt brick masonry in straight or curved walls set in cement mortar i/c racking out joints scaffoldings & curing etc. complete as directed:					
48	ii	ii)-----do----- 9" to 13-2 inches thick complete in foundation, basement and plinth CM 1:6	100 Cft	2412			
49	iii	iii)-----do----- 9" to 13-1/2" thick in G/floor superstructure in CM 1:6	100 Cft	7680			
50	13	iv)-----do----- 9" to 13-1/2" thick in 1st floor superstructure in CM 1:6	100 Cft	7680			
51	14	v)-----do----- 9" to 13-1/2" thick in 2nd floor superstructure in CM 1:6	100 Cft	6960			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
52	15	v)-----do----- 9" to 13-1/2" thick in 3rd floor superstructure in CM 1:6	100 Cft	7680			
53	16	v)-----do----- 9" to 13-1/2" thick in 4th floor superstructure in CM 1:6	100 Cft	766			
54	17	vi) 4-1/2" or less in thickness in G/floor in CM 1:4	100 Cft	1114			
55	i	vii)-----do----- 4-1/2" or less thickness in 1st floor in CM 1:4	100 Cft	1114			
56	ii	vii)-----do----- 4-1/2" or less thickness in 2nd floor in CM 1:4	100 Cft	1114			
57	iii	vii)-----do----- 4-1/2" or less thickness in 3rd floor in CM 1:4	100 Cft	1114			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
58	18	P/F of Dowel pin bar 1/4" dia 1'-0" long up to 3" in the column and 9" in wall @3'- 0" centre to centre i/c the cost of drilling in the coulumn complete as per direction of Engineer-in-Charge	P.Rft	2304			



Sr. No	Item Ref.No	Description	Unit	Qty	RATE	Amount
59	19	Providing and fixing M.S. moulded steel door frames manufactured from mild steel sheet of 18 gauge (1.41 mm) conforming to B.S.S. 1245, provision of 3 Nos. M.S. plate, section 1-1/2" x 1/4" (38 mm x 6 mm) (2 Nos. 6 inch long welded with frame at not less than 10 points and 1 Nos. 12 inch long welded with frame at not less than 20 points), with holes and threads for fixing steel hinges, fitted with one locking box of same sheet (point welded inside the frame), 6 Nos. 6 inches long flat iron fixing lugs of 1-1/4" x 3/16" section, treated with special red oxide primer coat all around including cutting holes and filling the cavity with cement concrete 1:2:4 etc. in any floor at any				

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
60	i	(i) of 5.73" x 2-1/2" having a single/double rebate size 1-1/2" x 1/2".	P.Rft	2112			
61	ii	(ii) of 10" x 2-1/2" having a double rebate size 1-1/2" x 1/2".	P.Rft	4852			
62	20	1/4" (6.4 mm) thick cement plaster 1:3 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc., complete	100 Sft	6752			
63	i	Do but in first floor	100 Sft	6752			
64	ii	Do but in 2nd floor	100 Sft	6752			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
65	iii	Do but in 3rd floor	100 Sft	6752			
66	iv	Do but in 4th floor	100 Sft	1584			
67	21	1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	100 Sft	13400			
68	i	Do but in first floor	100 Sft	13400			
69	ii	Do but in 2nd floor	100 Sft	13400			
70	ii	Do but in 3rd floor	100 Sft	13400			
71	ii	Do but in 4th floor	100 Sft	1496			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
72	22	3/4" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc, complete.	100 Sft	5904			
73	ii	Do but in first floor	100 Sft	5904			
74	iii	Do but in 2nd floor	100 Sft	5904			
75	iv	Do but in 3rd floor	100 Sft	5904			
76	v	Do but in 4th floor	100 Sft	1496			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
77	23	Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches and down gauge with levelling and ramming, watering and curing etc. complete.	100 Cft	10470			
78	24	Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches and down gauge in FF with levelling and ramming, watering and curing etc. complete.	100 Cft	1988			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
79	25	Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches and down gauge in 2nd floor with levelling and ramming, watering and curing etc. complete.	100 Cft	1988			
80	26	Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches and down gauge in 3rd floor with levelling and ramming, watering and curing etc. complete.	100 Cft	1988			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
81	27	Providing and laying light colour, glazed/non skid vitrified porcelean tiles (Polished) exceeding 1600 Sqcm and upto 3600 Sqcm each, (Pak made) on walls and floors, in any floor, laid with dry bond (stile bond) over a base of 1" thick cement mortar (1:3) including jointing to tiles with joint filler of approved quality as per direction of the Engineer incharge.	100 Sft	30310			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
82	28	Providing and fixing 10mm thick first grade Pakistani glazed tiles of National on facing of approved size colour/shade on walls, columns and pillers etc in ground floor over 1/2" (13mm) thick base of cement motar 1:3 setting of tiles in slurry of grey cement over mortar base, including filling the joint and washing the tiles with cement slurry of matching colour, (by using white cement mixed with pigment) curing and cleaning etc. complete as per direction of the engineer-in-charge.	100 Sft	3028			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
83	29	Providing and laying floor of 1 inch (25 mm) thick Granite marble tiles of Pakistani origin, fine dressed on the surface without winding in ground floor over 1 inch (25 mm) cement mortar 1:4 (one cement, four sand) setting the marble tiles with grey cement slurry over cement mortar, jointing and washing the tiles with white cement slurry including curing, rubbing and polishing etc. complete including the cost of mortar.					
84	i	more than 3 Sq.ft. upto 5 Sq.ft for stair/steps(in treads, risers and midstair landings) G/F.	100 Sft	704			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
85	ii	more than 5 Sq.ft. upto 7 Sq.ft for stair/steps(in treads, risers and midstair landings) G/F.	100 Sft	640			
86	iii	Extra for making nosing of treads as per design and instructions of the Engineer-in-Charge.	P.Rft	1056			
87	iv	Making Grooves in Stair Trades (anti skid Grooves) complete as per direction of Engineer Incharge	P.Rft	2208			
88	30	Providing and fixing 1-1/2 inch (38 mm) thick best quality deodar wood shutters fully panelled with same wood, approved iron hinges and tower bolts, etc., as required..	P.Sft	4864			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
89	31	Providing and fixing approved heavy type iron handles 5" (127 mm) size with necessary iron screws.	Each	226			
90	32	Providing and fixing approved heavy type iron sliding or aldrope bolts 6" x 1/2" (152 mm x 13 mm) size with necessary iron screws, iron bolts and nuts .	Each	226			
91	33	Providing and fixing with C.P. brass screws main door handle type yale lock (Italy make) of approved design, cutting wood etc., to required size, with two operating keys, as per direction of the engineer-in-Charge.	Each	226			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
92	34	Providing and fixing with brass screws lucky / KGI Latch lock set of approved design (Taiwan) cutting wood to required shape and size with two operating keys as per direction of the Engineer-in-Charge.	Each	96			
93	35	Providing and fixing with brass screws or specialty supplied screws hydraulic door closer Rayobi of approved design No.72, japan make, cutting wood etc., to required shape and size as per direction of engineer-in-charge.	Each	98			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
94	36	Providing and fixing fully glazed Champagne anodized aluminium Sliding windows as per British standard manufactured by Lucky, Prime, Chawla, Krudson and Pakistan Cables (fixing through their approved fabricators), Prime model box section 101mm x 30mm and 1.6mm thick including the cost of aluminium netting ,fittings, with all accessories cutting hole etc. and making good damages to walls etc. complete as required in any floor as per direction of engineer-in-charge, but excluding the cost of glass pans.	P.Sft	1664			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
95	37	Providing and fixing Tinted glass panes 5mm thick to M.S. Box pipe / Aluminium doors, windows and ventilators etc including the cost of labour but excluding the cost of M.S. square pipe beading, rubber packing and screw in any floor at any height.	P.Sft	1664			
96	38	Providing and fixing MS Pipe size 3" dia, 16 Gauge using vertical supports for stair painted with two coats of red oxide paint including cutting to required section, welding etc cutting holes and making good damages to walls etc. complete as required.	P.Rft	200			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
97	39	Providing and fixing stair railing 3 feet height of M.S Square pipes 1-1/2" 1-1/2", 16 Gauge vertical on alternate step and M.S square pipe 3/4" x 3/4", 16 SWG 2 Nos, horizontal pipes and 2-1/2" x 2-1/2", 16 SWG, MS Suare pipe as top rail as per approved design including cutting, welding making holes fixing with sunk iron screws, painting two coats of red oxide paint etc. complete as required in any floor.	P.Rft	200			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE	Amount
98	40	Providing and fixing kitchen cabinet wall mounted of 3/4" thick laminated board with best quality deodar wood frame and beading required section in approved pattern etc, fixed on wall with rawal pugs, screws i/c cost of glue, nail, piano hinges, handles and painting or polishing etc as drawings complete all as respect.				
99	i	Wall mounted with 1/8" thick hard board backing.	P.Sft	416		
100	ii	Floor mounted	P.Sft	3080		

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
101	41	Providing and fixing approved chromium plated brass handles 5" (127 mm) size heavy type with necessary brass screws.	Each	512			
102	42	Painting with (ICI) Dulux plastic emulsion paint VIP of approved shade two coats over and including the cost of one priming coat complete over plastered surface at any height in any floor .	100 Sft	82192			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
103	43	Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.	100 Sft	23904			
104	44	Painting iron work with synthetic enamel paint of approved make and shade two coats over and including the cost of one priming coat complete at any height in any floor.	100 Sft	5404			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
105	45	Painting wood work with synthetic enamel paint of approved make and shade two coats over and including the cost of one priming coat complete at any height in any floor.	100 Sft	9728			
106	46	Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour patten laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included)					
107	i	b) Average Strength 5000 Psi	P.Sft	31500			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
108	47	Providing a two coats of bitumen emulsion at 10 Lbs. per % sft. (0.49 Kg/sm) on walls and floor in ground floor.	100 Sft	6902			
109	48	Providing and laying double layer of polythene sheet of 500 gauge (0.005 or 0.13 mm thick) under floors for water proofing laid as per specifications and instructions of the Engineer-in-Charge in ground floor.	100 Sft	6902			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
110	49	Providing and Fixinf of Diamond Jumbolon insulation board 1-1/2" thick and polyphone sheet over diamond jumbolon insulation board for Roof Insulation as per direction of the Engineer Incharge in any floor in any height.	P.Sft	6902			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
111	50	Providing and laying 1st class burnt clay tiles of 9" X 4-1/2" X 1-1/2" size grouted with 1:3 cement mortar over 4" thick (avg) puddled earth compacted and smooth finished to slope mixed with bhoosa at the rate of one seer of bhoosa for one cft. of puddled earth in ground floor including flush pointing on tiles works with 1:3 cement mortar and curing complete.	100 Sft	6902			
112	51	Providing and fixing galvanized iron sheet of 22 gauge (1.15 mm thick) wall surface with sunken galvanized iron screws of required size as per direction of the Engineer-in-Charge.	P.Sft	1120			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
113	52	Providing and fixing 2" dia stainless steel pipe (18 guage) railing alongwith 4 Nos 3/4" dia parallel pipe having S/S pipe vertical post 2" dia at 3 ft C/C average spacing and 4" dia vertical post at start turning and end point i/c cost of labour, welding charges fitting & fixing in marble floor and wall etc complete as per direction of the Engineer incharge.	P.Rft	920			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
114	53	Providing and fixing windows roll up blinds sunscreen, darkout, or translucent fabric any colour / shade best quality (imported) with manual roll up arrangements complete in all respect with all other required accessories and hardware from the approved suppliers and manufactureres and hardware from the approved suppliers and manufacturers, as per direction of Engineer Incharge.	P.Sft	1600			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
115	54	Providing and laying 1:2:4 cement concrete Khurras 2" (51 mm) thick 2 ft. x 2 ft. (610 mm x 610 mm) size on roof including finishing with cement plaster 1:4, curing etc. complete.	Each	20			
116	55	Providing and fixing 4" (100 mm) dia polyvinyl chloride rain water (PVC) down pipe with mild steel clamps, bolts and nuts fixed in cement concrete 1:2:4 etc. complete.	P.Rft	280			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
117	56	Providing and fixing 4" (100 mm) dia polyvinyl chloride (PVC) bend of any degree for rain water down pipe with clamps, bolts and nuts in cement concrete 1:2:4 etc. complete.	Each	8			
118	Sub Head II - Water Supply & Sanitary Installations						

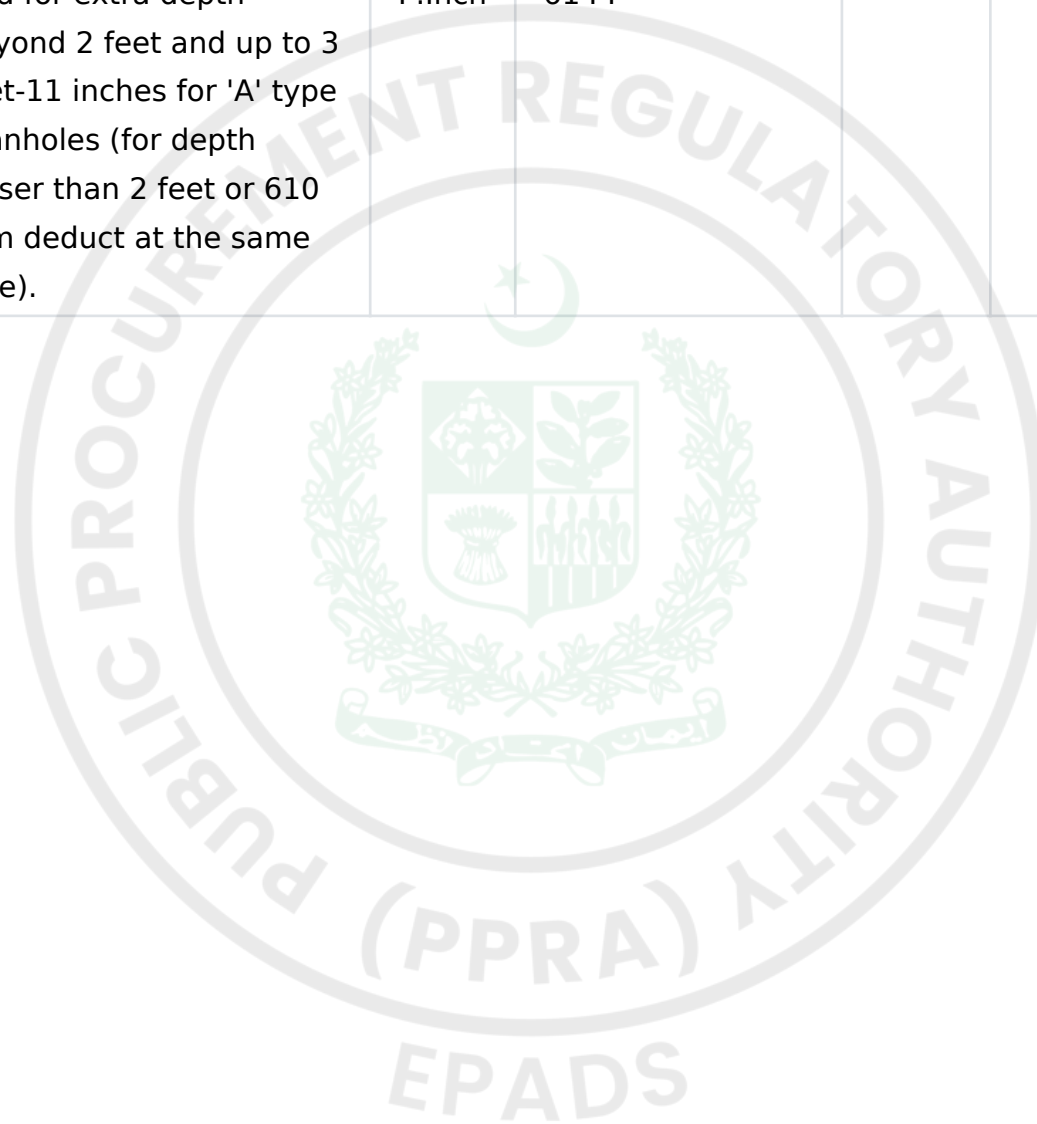
Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
119	1	Providing and fixing best quality squatting type white glazed earthenware W.C Pan, Pakistani (of not less than 18 Inches clear opening as measured between flushing rims) complete with and including the cost of best quality low level plastic flushing cistern of standard size with internal fittings complete, P.V.C. flushing pipe suitable for squatting type with extra bends and length with fittings, C.I. trap 4 inches (100mm) dia and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4.	Each	32			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
120	2	Providing and fixing Pakistani make best available quality European style white glazed earthenware wash down W.C.Pan complete with and including the cost of a plastic seat (PVC cover and buffers 3 galns white glazed earthenware low level flushing cistern with siphon fittings, 1-1/2 inches (40mm) dia white porcelain enamelled flush bend, 3/4 inch (20mm) dia, G.I. warning pipe carried outside and bent vertically downwards and making requisite number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4.	Each	32			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
121	3	Providing and fixing 25 inches x 18 inches (635 mm x 457 mm) lavatory basin in white glazed earthenware (Pakistani) complete with and including the cost of brass oxidized bolts kit built into wall 1/2 inch (15 mm) dia. Chrome plated mixer 1-1/4" inches (32mm) rubber plug and chrome plated brass chain, 1-1/4 inches (32 mm) dia brass waste of approved pattern, 1-1/4 inches (32 mm) dia. Malleable iron or C.P. brass traps malleable iron or brass unions and making requisite number of holes in walls plinth and floor for pipe connections and making god in cement concrete 1:2:4.	Each	64			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE	Amount
122	4	Providing manhole type 'A' size 2 feet x 1-1/2 feet or 610 mm x 457 mm(inside dimensions) x 2 feet (610 mm) deep as per approved design and specifications complete for 4 inches to 12 inches (100 mm to 305 mm) dia. Pipes upto 3 feet-11 inches (1.19 m) depth with 16 inches (406 mm dia.) (inside) cast iron cover and frame (weight = 1 Cwt. 1. Qtr.) (63.5 kg.) fixed in R.C.C.1:2:4 slab 4 inches (102 mm)(thick, burnt brick masonry walls 9 inches (229 mm) thick set in 1:4 cement mortar, 6 inches (150 mm) 1:3:6 C.C. in foundation, 1:2:4 C.C. in benching and 1/2 inch (13 mm) thick cement plaster in 1:3 C.M., to all inside walls surfaces channels and benching etc. and to top including	Each	256		

Sr. No	Item Ref.No	Description	Unit	Qty	RATE	Amount
123	5	Add for extra depth beyond 2 feet and up to 3 feet-11 inches for 'A' type manholes (for depth lesser than 2 feet or 610 mm deduct at the same rate).	P.Inch	6144		



Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
124	6	Providing manhole type 'B' size 3 feet x 2-1/2 feet or 914 mm x 762 mm (inside dimensions) x 4 feet (1219 mm deep as per approved design and specifications complete for 4 inches to 12 inches (100 mm to 305 mm) dia. Pipe 4 feet to 7 feet-5 inches (1.22 m to 2.26m) depth with 18 inches (457 mm) dia. (inside) cast iron cover and frame (weights 1 Cwt. 3 Qrs.) or 88.9 kg, fixed in R.C.C.1:2:4 slab 6 inches (152 mm) thick, 9 inches (229 mm) thick burnt brick masonry walls set in 1:4 C.M., 6 inches (152 mm) thick 1:3:6 C.C. in foundation, 1:2:4 C.C. in benching and 1/2 inch (13 mm) thick cement plaster in 1:3 C.M., to all inside wall surfaces, channels and benching etc. and to top including	Each	128			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
125	7	Add for extra depth beyond 4 feet and up to 7 feet-5 inches for 'B' type manholes (for depth lesser than 4 feet or 1219 mm deduct at the same rate).	P.Inch	1536			
126	8	Making Connection with the existing manhole including the cost of cutting holes in walls, making them good in cement concrete 1:2:4 and making the required channel etc, complete.	Each	20			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE	Amount
127	9	Providing and fixing un plasticized polyvinyl chloride pipe (U.P.V.C) "D" class and specials etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling, watering, ramming, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (16.09 km.) (working pressure 12 kg/cm2)				
128		(i) Do Do. 4 inches (80 mm) dia pipe..	P.Rft	4000		
129		(ii) Do Do. 3 inches (80 mm) dia pipe..	P.Rft	4000		

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
130		(iii) Do Do. 2 inches (50 mm) dia pipe.	P.Rft	2000			
131	10	Excavation in all kinds of soil, murum, hard, average or soft including lift up to 5 feet (1.52 m) and lead up to one chain (30.48 m).	100 Cft	1000			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE	Amount
132	11	Providing and fixing un platisized polyvinyl chloride pipe (U.P.V.C) "D" class and specials etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling, watering, ramming, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (16.09 km.) (working pressure 12 kg/cm2) 8 inches (200 mm) dia.	P.Rft	1400		

Sr. No	Item Ref.No	Description	Unit	Qty	RATE	Amount
133	12	Providing and Fixing PPRC pipe PN-20 with specials and clamps etc, including cutting and fitting complete with and including the cost of breaking through walls and roof making good etc, after cleaning the pipe and cartage within 10 miles.				
134		(i) Do. Do. 63mm dia pipe External Side	P.Rft	1400		
135		(ii) Do. Do. 50mm External Side	P.Rft	1900		
136		(iii) Do. Do. 40mm External Side	P.Rft	1200		

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
137	13	Providing and Fixing PPRC pipe PN-20 with specials and clamps etc, including cutting and fitting complete with and including the cost of breaking through walls and roof making good etc, after cleaning the pipe and cartage within 10 miles.					
138		(i) Do. Do. 32mm Internal Side	P.Rft	3000			
139		(ii) Do. Do. 25mm Internal Side	P.Rft	3000			
140	14	Providing and fixing standing wall shower of CP brass 3 knobs of approved quality mixer unit and moveable shower head complete.	Each	64			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
141	15	Providing and fixing bath room accessories of set of 6 pieces consist of one shelf, one towel rod with bracket, one towel ring, one soap dish, one tooth Brush holder with glass, one tissue paper holder one double hook etc complete of approved quality as per direction of Engineer in-charge.	Each	64			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
142	16	Providing and fixing approved quality stainless steel sink 60" x 20" Pak made (Atlas) complete with brass oxidized bolt kit/angle iron brackets built into walls ½" dia CP sink mixer 1-1/4" rubber plug and CP brass chain 1-1/4" CP brass waste 1-1/4" dia malleable iron or CP brass bottle trap with malleable iron or brass unions and making requisite number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4.	Each	32			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
143	17	P/F 3/4" thick granite(factory polished) of approved colour on vanity top i/c the cost of fixing in position with cement sand mortar 1:2, filling with jointing material of matching color, making holes for vanity basin, making round edging of exposed edges complete at any height in any floor as per directions of the Engineer in charge. (No deduction will be made for vanity holes)	P.Sft	512			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
144	18	Making connection with the existing GI pipe of size larger than 2 inches to 6 inches (50 mm to 150 mm) dia. including cutting the pipe and providing and fixing necessary fittings.	Each	10			
145	19	Providing and fixing fully way gun metal valves with wheels threaded or flanged ends with rubber washers, (standard pattern)..					
146		(i) 3" dia	Each	20			
147		(ii) 2" dia.	Each	30			
148		(iii) 1" dia.	Each	50			
149	20	Providing and fixing best quality float valve complete as per direction of Engineer Incharge.					

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
150		(i) 2" dia.	Each	4			
151		(ii) 3" dia.	Each	4			
152	21	Providing and fixing 4" dia U.P.V.C floor trap of approved design i/c making requisite number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4.	Each	96			
153	22	Providing and fixing 4" dia UPVC terminal guard of required dia etc complete and cartage within 10 miles.	Each	64			
154	23	Providing and fixing u.P.V.C Y-Tee of required degree etc. complete. 4"x4"x4"	Each	200			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
155	24	Providing and fixing 4" dia U.P.V.C plain bend of required degree etc. complete.	Each	240			
156	25	Providing and fixing chromium plated Muslim bib-cock with Muslim Shower of approved quality.	Each	64			
157	26	Providing and fixing 1/2 inches dia (15mm) CP bib Cock	Each	64			
158	27	Providing and fixing 1/2" Single dia bib cock / stop cock (Master / Sonex make) with approved knob etc. complete.	Each	64			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
159	28	P/F mirror 6mm thick (imported) fixed with silicon paste / C.P clips etc. complete as per direction of Engineer-in-Charge.	P.Sft	64			
160	29	Providing and fixing floor waste 6"x6" (Stainless Steel) Jali etc complete.	Each	232			
161	30	Providing and fixing 1/2 inches dia (15mm) CP stop cock / Tee Stop cock.	Each	400			
162	31	Providing and fixing CP Mixer 1/2 inches (15mm) (Faisal/Master or equivalent) lever type pakistani complete in all respect.	Each	64			
163	Sub Head III - E & M Works						

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
164	1	Wiring for light, fan or call bell point with 1.5 mm ² single core, PVC insulated wire copper conductor wire in 20 mm (3/4")dia uPVC conduit recessed in the wall or column, roof etc. including 1mm ² single core PVC insulated wire as ECC as required.	Per Point	1364			
165	2	Wiring for two way light point with 1.5 mm ² single core, PVC insulated wire copper conductor wire in 20 mm (3/4")dia uPVC conduit recessed in the wall or column, roof etc. including 1mm ² single core PVC insulated wire as ECC as required.	Per Point	16			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
166	3	Extension/Additional wiring for light, fan or call bell point controlled with same switch with 1.5mm ² PVC insulated wire in 20 mm (3/4")dia PVC conduit recessed in the wall or column, including1mm ² PVC insulated wire as ECC as required.	Per Point	1012			
167	4	Wiring for submain with 2 x 2.5 mm ² , PVC insulated wire 300/500 volts grade, single core, stranded coppe conductor wire in 20 mm (3/4") dia PVC conduit recessed in the wall, column and roof etc including 1.5 mm ² insulated wire sinfle core as ECC as required.	Per RM	11260			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
168	5	Wiring for submain with 2 x 4 mm ² , PVC insulated wire 300/500 volts grade, single core, stranded copper conductor wire in 20 mm (3/4") dia PVC conduit recessed in the wall, column and roof etc including 1.5 mm ² insulated wire single core as ECC as required.	Per RM	3660			
169	6	Wiring for sub-main with 2 x 6 mm ² , PVC insulated wire 300/500 volts grade, single core, stranded copper conductor wire in 25 mm (1") dia uPVC conduit recessed in the wall, column and roof etc including 2.5 mm ² Pvc insulated wire single core wire as ECC as required.	Per RM	1408			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
170	7	Wiring for sub-main with 2 x 10 mm ² , PVC insulated wire 300/500 volts grade, single core, stranded copper conductor wire in 25 mm (1")dia uPVC conduit recessed in the wall, column and roof etc including 2.5 mm ² Pvc insulated wire single core wire as ECC as required.	Per RM	704			
171	8	Providing & laying 4 core, 16 mm ² PVC insulated & PVC sheathed, 600/1000 volts grade with stranded copper conductor , un armoured, L.T cable in existing all kind of conduit or cable duct as per Pak. P.W.D specification as required.	Per RM	418			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
172	9	Providing & laying 4 core, 95 mm ² PVC insulated & PVC sheathed, 600/1000 volts grade with stranded copper conductor , armoured underground, L.T cable buried in the ground dully covered with sand and warning cable tiles as per Pak. P.W.D specification as required.	Per RM	660			
173	10	Supply & drawing of 10 mm ² , single core, PVC insulated wire in all kinds of existing or given conduit/cable duct as required. (	Per RM	418			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
174	11	Supply & drawing of 16 mm ² , single core, PVC insulated wire in all kinds of existing or given conduit/cable duct as required.	Per RM	660			
175	12	Providing & fixing pilot lamp set fitted on existing board l/c connection as required.	P.Set	70			
176	13	Supply & fixing 30 mm dia uPVC conduit with all especial such as bends, sockets, junction etc fitted on surface as required.	Per RM	2068			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
177	14	Making Termination of 3 or 4 core, 16 mm2 to 25 mm2 armoured / un-armoured copper conductor, PVC x PVC L.T Cable including providing & fixing proper lugs, etc complete in all respect as required.	Per Job	36			
178	15	Making Termination of 3 or 4 core, 70 mm2 to 95 mm2 armoured / un-armoured copper conductor, PVC x PVC L.T Cable including providing & fixing proper lugs, etc complete in all respect as required.	Per Job	10			
179	16	Providing & fixing 6 to 32 Amps, S.P MCCB fixed on existing board, i/c inter-connection as required.	Each	704			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
180	17	Providing & fixing 6 to 32 Amps, DP MCCB fixed on metal board recessed in the wall duly covered with fiber sheet, 1/c inter-connection as required.	Each	352			
181	18	Providing & fixing 20 to 100 Amps, (Adjustable - High Breaking Capacity) 4 Pole circuit breaker fixed on existing board, i/c inter-connection as required.	Each	36			
182	19	Providing & fixing 160 to 250 Amps, (Adjustable - High Breaking Capacity) 4 Pole circuit breaker fixed on existing board, i/c inter-connection as required.	Each	10			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
183	20	Providing & fixing cubical type metal sheet vermin protected Distribution board as per drawing with locking arrangement duly powder coated i/c all fastening devices and electrical wire /leads for internal conection complete as required. (Different sizes, outdoor type)	Per Sft	142			
184	21	Providing & fixing cubical type metal sheet vermin protected LT panel board as per drawing with locking arrangement duly powder coated i/c all fastening devices and electrical wire/ leads for internal connection complete as required.	Per Sft	8			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
185	22	Providing & fixing 10 to 60 Amps, 4 pole, three phase bus bar strip fitted in given Distribution board complete with bus bar insulator, screws, bolts etc as required.	Each	32			
186	23	Providing & fixing 160 to 200 Amps, 4 pole, three phase bus bar strip fitted in given Distribution board complete with bus bar insulator, screws, bolts etc as required.	Each	8			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
187	24	Providing & fixing 10 Amps Polycarbonate flame retardant S.P switch with fancy required gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.	Each	1550			
188	25	Providing & fixing 10 Amps Polycarbonate flame retardant Two way switch with fancy gang plate fixed on die fabricated, powder coated, metal board recessed in wall or column including connection as required.	Each	36			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
189	26	Providing & fixing 10 Amps Polycarbonate flame retardant 2-Pin switch socket unit (Universal) with fancy gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.	Each	422			
190	27	Providing & fixing 13 Amps Polycarbonate flame retardant 3-Pin switch socket unit with fancy gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.	Each	1056			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
191	28	Providing & fixing 15 Amps Polycarbonate flame retardant 3-Pin switch socket unit with fancy gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.	Each	422			
192	29	Providing & fixing 10 Amps Polycarbonate flame retardant Bell Push with fancy gang plate fixed on die fabricated, powder coated, metal board recessed in wall or column including connection as required.	Each	64			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
193	30	Providing & installing 140 Cm (56") sweep inverter ceiling fan with blades, canopy, standard length of down rod including connection and all required accessories with 14.0076" flexible wire complete as required. Millat/Pak/GFC/ Younas/Royal.	Each	212			
194	31	Providing & installing 30 Cm (12") sweep, metallic body Exhaust fan complete with blades. motor, etc fitted in existing hole including connection with 14/.0076" flexible wire complete as required	Each	70			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
195	32	Providing & installing 25 Cm (10") sweep, Plastic body Exhaust fan complete with blades, motor, etc fixed in existing hole including connection with 14/.0076" flexible wire complete as required.	Each	140			
196	33	Providing & fixing 6 Amps plastic ceiling rose on PVC Round block/Round Cover fitted on surface including connection as required	Each	100			
197	34	Providing & fixing 4" X 4" size MS die casted, Powder coated recessed type fan clamp box with 1/2" dia MS bar fan clamp fixed in roof at casting time as required.	Each	212			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
198	35	Providing, installation, testing & commissioning of recessed / surface mounted LED 7-10 Watt ceiling light/downlight including driver having warm/natural white /cool white colour, 80-90 lm/watts efficiency 0.9 or above power factor, 20000-25000 hours life cycle, including connections complete in all respect as approved by the Engineer Incharge. a)	Each	1268			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
199	36	Providing, installation, testing & commissioning of recessed / surface mounted LED 12 Watt ceiling light/downlight including driver having warm/natural white /cool white colour, 80-90 lm/watts efficiency 0.9 or above power factor, 20000-25000 hours life cycle, including connections complete in all respect as approved by the Engineer Incharge.	Each	422			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
200	37	Providing, installation, testing & commissioning of recessed / surface mounted LED 18-20 Watt ceiling light/downlight including driver having warm/natural white /cool white colour, 80-90 lm/watts efficiency 0.9 or above power factor, 20000-25000 hours life cycle, including connections complete in all respect as approved by the Engineer Incharge.	Each	124			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
201	38	Providing, Inr Commissioning of 04 feet, 36 watt LED Tube / Batten Lights including driver haqng warm / Neutral White / cool white colour.80-90 lm/watts efficiency, 0.9 or above power factor, 10000-15000 hours life cycle, including connection, complete in all respect as approved by the Engineer Incharge.	Each	212			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
202	39	Providing, Inr Commissioning of 02 feet, 18-20 watt LED Tube / Batten Lights including driver haqng warm / Neutral White / cool white colour.80-90 lm/watts efficiency, 0.9 or above power factor, 10000-15000 hours life cycle, including connection, complete in all respect as approved by the Engineer Incharge.	Each	140			
203	40	Providing, Installation, Testing & Commissioning of 5-7 watt Emergency Light (surface/recessed), including connection, complete in all respect as approved by the Engineer Incharge.	Each	22			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
204	41	Providing, Installation, Testing & Commissioning of 2 watt Emergency Exit Light , including connection, complete in all respect as approved by the Engineer Incharge.	Each	36			
205	42	Providing and fixing standard ceiling suspended pendant light fitting, supporting 01 No. built in led source or led lamp, including hanging cord complete in all respect, of design/make/shape/finish as approved by the Engineer Incharge.	Each	64			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
206	43	Providing and fixing outdoor wall mounted water proof led light fitting with rust proof and anticorrosion metal body, complete in all respect, of approved design/make/shape, as approved by the Engineer Incharge.	Each	32			
207	44	Proving and fixing 6"x4" MS perforated cable tray, 16 SWG complete with cover of 18 SWG including painting and support system.	Per RM	200			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
208	45	Providing, Installation. Testing & Commissioning of Flood Lights, 180-201 watts, (IP66) including driver, having neutral white / cool white colour,110 -120 lm/watts efficiency; 0.9 or above power factor. 20000-25000 hours life cycle, including connection, complete in all respect as approved by the Engineer Incharge.)	Each	32			
209	46	Supply & fixing 20 mm (3/4") dia uPVC conduit with all especial such as bends, sockets, Junction etc fitted on surface as required.	Per RM	220			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
210	47	Supply & fixing 25mm (1") dia uPVC conduit with all especial such as bends, sockets, Junction etc fitted on surface as required.	Per RM	220			
211	48	Providing & fixing of 16x60 mm uPVC duct fitted on surface as required	Per RM	220			
212	49	Providing & fixing of 25x60 mm uPVC duct fitted on surface as required.	Per RM	220			
213	50	Providing & fixing Three phase 15 to 90 Amps, 400/440 volts energy meter fitted on existing board I/c connection as required.	Each	4			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
214	51	Providing and fixing Earthing set with 2'x2'x1/4" copper plate buried in the ground at a depth of 12 feet or less if water comes out from the ground level (with salt and charcoal or Earthing chemical Powder) etc making the pit 12 feet deep by excavation of all type of soil (except soft or hard rock) i/c fixing of 8 SWG copper wire in 1/2 " G.I conduit complete in all respect as required.	Per Job	14			
215	52	Providing and fixing 1" diameter 3ft long lighting-copper rod with five spikes and balls on its head as required.	Per Job	18			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
216	53	Providing and fixing 1-1/2" x 1/3" thick copper strip with suitable saddle at 12" intervals complete as required.	Per RM	440			
217	54	Providing, fixing and commissioning Pad mounted, step down 11000/ 400 volts, 200 KVA three phase, 50Hz, Transformer as per electricity code complete in all respect as reqd.	Each	2			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
218	55	Providing and laying HT 11 KV, 3 core, 35 mm2 stranded copper conductor, XLPE insulated. cu tape screened PVC bedded and PVC sheathed armoured cable, laid in existing all kind of pipes, cable duct, channels etc as per Pak.P.W.D specification as required. (without Termination)	Per RM	30			
219	56	Providing and fixing indoor/outdoor, 3 core, 16 mm2 to 35 mm2, 11KV, XLPE. heat shrink termination ends Kit complete in all respect as required.	Per Job	4			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
220	57	Providing and fixing HT,11 KV indoor/outdoor type fuse D link /cut off fuse assembly set of three pieces complete with fuse fitted on angle iron base frame as required.(with out termination)	Each	6			
221	58	Providing & fixing 400 to 630 Amps,(Adjustable - High Breaking Capacity) 4 Pole circuit breaker fixed on existing board , i/c inter-connection as required.	Each	2			
222	59	Providing & fixing LT Service Box, as per Wapda specifications complete in all respect as approved by the engineer Incharge.	Each	2			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
223	60	Providing & fixing mono block pumping set complete with 2 HP pump 2850/2900 RPM complete with AC 220V single phase motor on a common base plate having suction & discharge 1-1/2" x 1-1/2" as approved.	Each	4			
224	61	Providing & fixing mono block pumping set complete with 3 HP pump 2850/2900 RPM complete with AC 220V single phase motor on a common base plate having suction & discharge 2" x 1-1/2" as approved.	Each	4			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
225	62	Providing, Installing, Testing & Commissioning of Dual Supply (Gas & Electric) Geysers, 35 Gallons capacity, with fully automatic thermostat, complete in all respect, as approved by the Engineer Incharge	Per Job	64			
226	63	Providing and fixing Kitchen Hob, 3 burner 30 inch size auto ignition glass top superior quality complete in all respect i/c making necessary connection with gas line complete in all respect as approved by the Engineer Incharge	Per Job	64			

Sr. No	Item Ref.No	Description	Unit	Qty	RATE		Amount
227	64	Providing and fixing Kitchen Hood superior quality with SS canopy filter front and back made up of tempered glass, powerful blower motor, LED light and touch control as approved etc complete in all respect i/c electrical connection as required.	Per Job	64			
228	Total (S.H-I + S.H-II + S.H-III)						383310636
						GRAND TOTAL:	Rs383,310,636.00

Scope of Work

- Execution of structural works including foundations, columns, beams, slabs, and masonry
- Provision of MEP services (Electrical, Mechanical, Plumbing systems)
- Installation of water supply and sewerage systems
- Laying of tuff pavers and external paving works
- Execution of external development works including utilities and site services
- Completion of finishing works (plaster, flooring, doors/windows, etc.)

Price Schedule

For Individual Jobs

#	Job Title	Quantity	Unit Price (PKR)	Total Price (PKR)	Delivery Location	Delivery Period / Year	Country of Origin
1							
2							

For Lots

#	Lot Title	Total Lot Price (PKR)	Country of Origin
1	[Lot 1 Title]		





General Conditions of Contract

A. General

1. Definitions

1.1. Unless the context otherwise requires, the following terms whenever used in this Contract shall have the same meaning and shall be interpreted as indicated

1.1.1. “Applicable Law” means the laws and any other instruments having the force of law in the Government’s Country, or in such other country as may be specified in the Special Conditions of the Contract (SC), as they may be issued and in force from time to time;

1.1.2. “The Contract” means an agreement enforceable by law;

1.1.3. “The Contract Price” means the price payable to the Contractor under the Contract for the full and proper performance of its contractual obligations;

1.1.4. “The Services” means the work to be performed by the Contractor pursuant to this Contract and as prescribed in the Specifications and Schedule of Activities included in the Contractor’s Bid;

1.1.5. “Ancillary Services” means those services ancillary to the provision of Services, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Contractor covered under the Contract;

1.1.6. “GCC” means the General Conditions of Contract contained in this section;

1.1.7. “SCC” means the Special Conditions of Contract by which the GCC may be amended or supplemented;

1.1.8. “Day” means calendar day unless indicated otherwise;

1.1.9. “Effective Date” means the date on which this Contract comes into force and effect;

1.1.10. “The Contractor” means the individual or corporate body whose Bids to provide the Services has been accepted by the Procuring Agency;

1.1.11. “The Project Site,” where applicable, means the place or places named in Bid Data Sheet and technical Specifications;

1.1.12. “Government” means the Government of Pakistan;

1.1.13. “Local Currency” means the currency of Pakistan;

1.1.14. “In Writing” means communicated in written form with proof of receipt;

1.1.15. “Completion Date” means the date of completion of the Services by the Contractor as certified by the Procuring Agency;

1.1.16. “Foreign Currency” means any currency other than the currency of the country of the Procuring Agency;

1.1.17. "Party" means the Procuring Agency or the Contractor, as the case may be, and "Parties" means both of them;

1.1.18. "Service" means any object of procurement other than goods or works;

1.1.19. "Subcontractor" means any entity to which the Bidder subcontracts any part of the Services.

2. Applicable Law

2.1. The contract shall be governed and interpreted in accordance with the laws of Pakistan, unless otherwise specified in SCC.

3. Language

3.1. The Contract as well as all correspondence and documents relating to the Contract exchanged between the Contractor and the Procuring Agency, shall be written in the **English language** unless otherwise stated in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided these are accompanied by an accurate translation of the relevant passages in English, in which case, for purposes of interpretation of the Contract, this translation shall govern.

4. Notices

4.1. Any notice, request, or consent made pursuant to this Contract shall be in writing and shall be deemed to have been made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent by registered mail, telex, telegram, or facsimile to such Party at the address specified in the SCC.

5. Location

5.1. The Services shall be performed at such locations as the Procuring Agency may approve and as specified in SCC.

5.2. A {DOCUMENTS}

6. Authorized Representatives / Authority of Member in charge

6.1. Any action required or permitted to be taken, and any document required or permitted to be executed, under this Contract by the Procuring Agency or the Contractor may be taken or executed by the officials specified in the SCC.

B. Commencement, Completion, Modification, and Termination of Contract

7. Effectiveness of Contract

7.1. This Contract shall come into effect on the date the Contract is signed by both parties and such other later date as may be stated in the SCC.

8. Commencement of Services

8.1. The Contractor shall confirm availability of Key Experts and begin carrying out the Services not later than the number of days after the Effective Date specified in the SCC.

9. Program schedule

9.1. Before commencement of the Services, the Contractor shall submit to the Procuring Agency for approval a Program showing the general methods, arrangements, order and timing for all activities. The Services shall be carried out in accordance with the approved Program as updated.

10. Starting Date/Expiration Date

10.1. The Contractor shall start carrying out the Services Five (05) days after the date the Contract becomes effective, or at such other date as may be specified in the SCC.

10.2. Unless terminated earlier pursuant to Clause **GCC 14** hereof, this Contract shall expire at the end of such time period after the Effective Date as specified in the SCC.

11. Entire Agreement

11.1. This Contract contains all covenants, stipulations and provisions agreed by the Parties. No agent or representative of either Party has authority to make, and the Parties shall not be bound by or be liable for, any statement, representation, promise or agreement not set forth herein.

12. Modification

12.1. Any modification or variation of the terms and conditions of this Contract, including any modification or variation of the scope of the Services, may only be made by written agreement between the Parties. However, each Party shall give due consideration to any modification(s) or variation(s) made by the other Party.

12.2. In cases of any modification(s) or variation(s), the prior written consent of the Procuring Agency is required.

13. Force Majeure

13.1. Definition

For the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Contractor and which makes a Contractor's performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.

13.2. No Breach of Contract

The failure of a Party to fulfill any of its obligations under the contract shall not be considered to be a breach of, or default under, this Contract in so far as such inability arises from an event of Force Majeure, provided that the Party affected by such an event (a) has taken all reasonable precautions, due care and reasonable alternative

measures in order to carry out the terms and conditions of this Contract, and (b) has informed the other Party as soon as possible about the occurrence of such an event.

13.3. Extension of Time

Any period within which a Contractor shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.

13.4. Payments

During the period of their inability to perform the Services as a result of an event of Force Majeure, the Contractor shall be entitled to continue to be paid under the terms of this Contract, as well as to be reimbursed for additional costs reasonably and necessarily incurred by them during such period for the purposes of the Services and in reactivating the Service after the end of such period.

14. Termination

14.1. By the Procuring Agency

The Procuring Agency may terminate this Contract in case of the occurrence of any of the events specified in paragraphs (a) through (e) of this Clause. In such an occurrence the Procuring Agency shall give at least thirty (30) calendar days' written notice of termination to the Contractor in case of the events referred to in (a) through (d); at least sixty (60) calendar days' written notice in case of the event referred to in (e);

14.1.1. If the Contractor fails to remedy a failure in the performance of its obligations hereunder, as specified in a notice of suspension;

14.1.2. If the Contractor becomes (or, if the Contractor consists of more than one entity, if any of its members becomes) insolvent or bankrupt or enter into any agreements with their creditors for relief of debt or take advantage of any law for the benefit of debtors or go into liquidation or receivership whether compulsory or voluntary;

14.1.3. If the Contractor fails to comply with any final decision reached as a result of arbitration proceedings;

14.1.4. If, as the result of Force Majeure, the Contractor is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days;

14.1.5. If the Procuring Agency, in its sole discretion and for any reason whatsoever, decides to terminate this Contract;

14.2. By the Contractor

The Contractor may terminate this Contract, by not less than thirty (30) calendar days' written notice to the Procuring Agency, in case of the occurrence of any of the events specified in paragraphs (a) through (d) of this Clause.

14.2.1. If the Procuring Agency fails to pay any money due to the Contractor pursuant to this Contract and not subject to dispute within forty-five (45) calendar days after receiving written notice from the Contractor that such payment is overdue;

14.2.2. If, as the result of Force Majeure, the Contractor is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days;

14.2.3. If the Procuring Agency fails to comply with any final decision reached as a result of arbitration;

14.2.4. If the Procuring Agency is in material breach of its obligations pursuant to this Contract and has not remedied the same within forty-five (45) days (or such longer period as the Bidder may have subsequently approved in writing) following the receipt by the Procuring Agency of the Contractor's notice specifying such breach.

C. Obligations of the Contractor

15. General

15.1. Standard of Performance

15.1.1. The Contractor shall perform the Services and carry out the Services with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Contractor shall always act, in respect of any matter relating to this Contract or to the Services, as a faithful adviser to the Procuring Agency, and shall at all times support and safeguard the Procuring Agency's legitimate interests in any dealings with the third parties;

15.1.2. The Contractor shall employ and provide such qualified and experienced Experts and Sub-Contractors as are required to carry out the Services.

15.2. Law Applicable to Services

The Contractor shall perform the Services in accordance with the Contract and in accordance with the Law of Pakistan and shall take all practicable steps to ensure that any of its Experts and Sub-Bidders, comply with the Applicable Law.

16. Conflict of Interests

16.1. Contractor Not to Benefit from Commissions and Discounts

The remuneration of the Contractor shall constitute the Contractor's sole remuneration in connection with this Contract or the Services, and the Contractor shall not accept for their own benefit any trade commission, discount, or similar payment in connection with activities pursuant to this Contract or to the Services or in the discharge of their obligations under the Contract, and the Contractor shall use their best efforts to ensure that the Personnel, any Subcontractors, and agents of either of them similarly shall not receive any such additional remuneration.

16.2. Contractor and Affiliates Not to be Otherwise Interested in Project

The Contractor agree that, during the term of this Contract and after its termination, the Contractor and its affiliates, as well as any Subcontractor and any of its affiliates, shall be disqualified from providing Services (other than the Services and any continuation thereof) for any project resulting from or closely related to the Services.

16.3. Prohibition of Conflicting Activities

Neither the Bidder nor its Subcontractors nor the Personnel shall engage, either directly or indirectly, in any of the following activities:

16.3.1. during the term of this Contract, any business or professional activities in the Government's country which would conflict with the activities assigned to them under this Contract;

16.3.2. during the term of this Contract, neither the Contractor nor their Subcontractors shall hire public employees in active duty or on any type of leave, to perform any activity under this Contract;

16.3.3. after the termination of this Contract, such other activities as may be specified in the **SCC**.

17. Insurance to be Taken Out by the Contractor

17.1. The Contractor(a) shall take out and maintain, and shall cause any Subcontractors to take out and maintain, at its (or the Sub-contractors', as the case may be) own cost but on terms and conditions approved by the Procuring Agency, insurance against the risks, and for the coverage, as shall be specified in the **SCC**; and (b) at the Procuring Agency's request, shall provide evidence to the Procuring Agency showing that such insurance has been taken out and maintained and that the current premiums have been paid.

18. Contractor's Actions Requiring Procuring Agency's Prior Approval

18.1. The Contractor shall obtain the Procuring Agency's prior approval in writing before taking any of the following actions:

18.1.1. appointing such members of the Personnel not provided by the Contractor;

18.1.2. changing the Program of activities; and

18.1.3. any other action that may be specified in the **SCC**.

19. Reporting Obligations

19.1. The Contractor shall submit to the Procuring Agency the reports and documents in the numbers, and within the periods as prescribed by the Procuring Agency.

20. Liquidated Damages

20.1. Payments of Liquidated Damages

The Contractor shall pay liquidated damages to the Procuring Agency at the rate per day stated in the **SCC** for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the amount defined in the **SCC**. The Procuring Agency may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor's liabilities.

20.2. Correction for Over-payment

If the Intended Completion Date is extended after liquidated damages have been paid, the Procuring Agency shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate. The

Contractor shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in **SCC**.

20.3. Lack of performance penalty

If the Contractor has not corrected a Defect within the time specified in the Procuring Agency's notice, a penalty for Lack of performance will be paid by the Contractor. The amount to be paid will be calculated as a percentage of the cost of having the Defect corrected, assessed as specified in the Contractor

21. Performance Guarantee

21.1. Within the time stipulated in the acceptance letter from the Procuring Agency, the successful Bidder shall furnish the Performance Guarantee in shape and amount **specified in SCC**.

21.2. The proceeds of the Performance Guarantee shall be payable to the Procuring agency as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

21.3. The Performance Guarantee shall be denominated in the currency of the Contract, or in a freely convertible currency acceptable to the Procuring agency and shall be in the acceptable form as specified in **SCC**.

21.4. The Performance Guarantee will be discharged by the Procuring agency and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless otherwise **specified in SCC**.

22. Sustainable Procurement

22.1. The Contractor shall conform to the sustainable procurement contractual provisions, if and as specified in the **SCC**.

D. Contractor's Personnel

23. Description of Personnel

23.1. The titles, agreed job descriptions, minimum qualifications, and estimated periods of engagement in the carrying out of the Services of the Contractor's Key Personnel. The Key Personnel listed by title as well as by name are hereby approved by the Procuring Agency.

24. Removal and / or Replacement of Personnel

24.1. Except as the Procuring Agency may otherwise agree, no changes shall be made in the Key Personnel. If, for any reason beyond the reasonable control of the Contractor, it becomes necessary to replace any of the Key Personnel, the Contractor shall provide as a replacement a person of equivalent or better qualifications.

24.2. If the Procuring Agency finds that any of the Personnel have (i) committed serious misconduct or have been charged with having committed a criminal action, or (ii) have reasonable cause to be dissatisfied with the performance of any of the Personnel, then the Contractor shall, at the Procuring Agency's written request specifying the grounds thereof, provide as a replacement a person with qualifications and experience acceptable to the Procuring Agency.

24.3. The Contractor shall have no claim for additional costs arising out of or incidental to any removal and/or replacement of Personnel.

E. Obligations of the Procuring Agency

25. Change in the Applicable Law

25.1. If, after the date of this Contract, there is any change in the Applicable Law with respect to taxes and duties which increases or decreases the cost of the Services rendered by the Contractor, then the remuneration and reimbursable expenses otherwise payable to the Contractor under this Contract shall be increased or decreased accordingly by agreement between the Parties, and corresponding adjustments shall be made to the amounts referred in the SCC.

26. Services and Facilities

26.1. The Procuring Agency shall make available to the Contractor and the Experts, for the purposes of the Services and free of any charge, the services, facilities and property described in the Terms of Reference, at the times and in the manner specified in the Terms of Reference.

26.2. In case that such services, facilities and property shall not be made available to the Contractor, the Parties shall agree on (i) any time extension that it may be appropriate to grant to the Contractor for the performance of the Services, (ii) the manner in which the Contractor shall procure any such services, facilities and property from other sources, and (iii) the additional payments, if any, to be made to the Contractor as a result thereof.

F. Payments to the Contractor

27. Contract Price

27.1. The price payable shall be in Pakistani Rupees unless otherwise specified in the SCC.

28. Terms and Conditions of Payment

28.1. Payments will be made to the Contractor according to the payment schedule stated in the SCC and as per actual invoice submitted by the Contractor.

28.2. Unless otherwise stated in the SCC, the advance payment shall be made against the provision by the Contractor of a bank guarantee for the same amount, and shall be valid for the period stated in the SCC. Any other payment shall be made after the conditions listed in the SCC for such payment have been met, and the Contractor have submitted an invoice to the Procuring Agency specifying the amount due.

29. Quality Control Identifying Defects

29.1. The principle and modalities of Inspection of the Services by the Procuring Agency shall be as indicated in the SCC. The Procuring Agency shall check the Contractor's performance and notify him of any Defects that are

found. Such checking shall not affect the Contractor's responsibilities. The Procuring Agency may instruct the Contractor to search for a Defect and to uncover and test any service that the Procuring Agency considers may have a Defect. Defect Liability Period is as defined in the SCC.

29.2. A {INSPECTION}

30. Correction of Defects, and Lack of Performance Penalty

30.1. The Procuring Agency shall give notice to the contractor of any Defects before the end of the Contract. The Defects liability period shall be extended for as long as Defects remain to be corrected.

30.2. Every time notice a Defect is given; the contractor shall correct the notified Defect within the length of time specified by the Procuring Agency's notice.

30.3. If the contractor has not corrected a Defect within the time specified in the Procuring Agency's notice, the Procuring Agency will assess the cost of having the Defect corrected, the contractor will pay this amount, and a Penalty for Lack of Performance.

31. Settlement of Disputes Amicable Settlement

31.1. The Parties shall use their best efforts to settle amicably all disputes arising out of or in connection with this Contract or its interpretation.

32. Dispute Settlement

32.1. Arbitration

If any dispute of any kind whatsoever shall arise between the procuring agency and the contractor in connection with or arising out of the Contract, including without prejudice to the generality of the foregoing, any question regarding its existence, validity or termination, or the execution of the contract, the parties shall seek to resolve any such dispute or difference by mutual consultation. If the parties fail to resolve such a dispute or difference even after negotiations or mediation, then the dispute shall be referred within fourteen (14) days in writing by either party to the Arbitrator, with a copy to the other party.

Any dispute in respect of which a notice of intention to commence arbitration has been given, in accordance with **GCC sub-clause 32.1**, shall be finally settled by arbitration. Arbitration may be commenced prior to or after completion of the Contract. Arbitration proceedings shall be conducted in accordance with Arbitration Act 1940. Notwithstanding any reference to arbitration herein, the parties shall continue to perform their respective obligations under the Contract unless otherwise agreed. The Procuring Agency shall continue to pay the Contractor any undisputed amounts due under the Contract during the resolution of any dispute.



Special Conditions of Contract

SECTION VIII. SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

Number of GC Clause

Amendments of, and Supplements to, Clauses in the General Conditions of Contract

Number of GC Clause 1

Definitions

The Procuring Agency is: Islamabad International Airport (Pakistan Airports Authority) (Pakistan Airports Authority (PAA)), Deputy Director Landside Division, Islamabad International Airport, Islamabad, Islamabad Capital Territory

The Supplier is:

The title of the subject procurement is: CONSTRUCTION OF 32 NO. JS APARTMENTS (02 BED) FOR ASF AT IIAP ISLAMABAD.

Number of GC Clause 2

Applicable/Governing Law:

The Contract shall be interpreted in accordance with the laws of Islamic Republic of Pakistan

Number of GC Clause 3

Language:

The language of the Contract, all correspondence and communications to be given, and all other documentation to be prepared and supplied under the Contract shall be in **English**.

Number of GC Clause 4

Notices:

The addresses for the notices are:

Procuring Agency:

Islamabad International Airport (Pakistan Airports Authority) (Pakistan Airports Authority (PAA)), Deputy Director
Landside Division, Islamabad International Airport, Islamabad, Islamabad Capital Territory
+92-315-983-2148
muhammadsuleman@paa.gov.pk

Contractor/ Bidder:

[Name, address and telephone number]

The Contractor/ Bidder's Representative(s)

[Name, address, telephone number and e-mail address]

Number of GC Clause 6.1

The Authorized Representatives are:

For the Procuring Agency:

Islamabad International Airport (Pakistan Airports Authority) (Pakistan Airports Authority (PAA)), Deputy Director

Landside Division, Islamabad International Airport, Islamabad, Islamabad Capital Territory

+92-315-983-2148

muhammadsuleman@paa.gov.pk

For the Bidder:

Name:

Designation:

Address:

Number of GC Clause 7

Effectiveness of the contract

The Contractor/Bidder shall be effective within days from the date of signature of the Contract by both parties

Number of GC Clause 8

Commencement of Contract:

The Contractor/Bidder shall provide Non-Consultancy Services from the effective date of contract.

Number of GC Clause 10.2

Expiration of Contract:

The time period shall be

Number of GC Clause 14

Termination

In the event of termination of the contract due to any reason as already defined in the General Conditions of Contract, the Bidder shall be responsible for providing to the Authority the Goods till the time of alternate arrangements.

Number of GC Clause 16

Conflict of Interest:

The Procuring Agency reserves the right to determine on a case-by-case basis whether the Bidder should be disqualified from providing goods or services due to a conflict of a nature described in Clause GCC 17.

Number of GC Clause 20

Liquidated Damages

If the Bidder fails to provide services as required under the contract or in case of any data loss/data breach or any incident compromising the data security or other such failures related to any services, the Bidder shall pay to the Procuring Agency as Liquidated Damages at a rate of **0.05%** to **10.00%** of the Contract value, in accordance with the extent of performance failure & the cost of investigating such incidents as judged by the Authority.

Number of GC Clause 21

Performance Guarantee:

The amount of performance guarantee shall be **5.00%** of the contract price in acceptable form of **Bank Guarantee**

Number of GC Clause 27

Currency of Payment:

All the payment to be released to the contractor/Bidder shall be in Pakistani Rupees.

Number of GC Clause 28

Payment terms:

Payment will be made to the Bidder against the procured Goods and services according to the actual invoice or running bills submitted by the Bidder against the services provided within the time given in the conditions of the contract.

Number of GC Clause 29

Identifying Defects:

The Authority reserves the right at any time to inspect the premises of the provider to inspect the goods and monitor the goods being provided.

Number of GC Clause 31

Following is the guidance for Dispute Resolution

- i. If any dispute of any kind whatsoever shall arise between the Authority and the Bidder in connection with or arising out of the Contract... (full clause unchanged)
- ii. At future of negotiation the dispute shall be resolved through mediation...
- iii. At failure of mediation, arbitration under Arbitration Act 1940...
- iv. Cost sharing equally...

v. Proceedings may commence before/after completion...

Notwithstanding any reference to the arbitration herein, the parties shall continue to perform their respective obligations under the Contract.

Rules of procedure for arbitration proceedings:

Any dispute between the Authority and a Bidder shall be referred to arbitration under the laws of Pakistan including Arbitration Act 1940.

Place of Arbitration and Award:

The arbitration shall be conducted in English language and place shall be Islamabad. The award shall be final and binding.





Bid Securing Declaration

Form 9: Bid Securing Declaration

Date: *[insert date (as day, month and year)]*

Bid No.: **P71351**

To: **Islamabad International Airport (Pakistan Airports Authority) (Pakistan Airports Authority (PAA)), Deputy Director Landside Division, Islamabad International Airport, Islamabad, Islamabad Capital Territory**

We, the undersigned, declare that:

We understand that, according to your conditions, Bids must be supported by a Bid Securing Declaration.

We accept that we will be blacklisted and henceforth cross debarred for participating in respective category of public procurement proceedings for a period of (not more than) six months, if fail to abide with a bid securing declaration, however without indulging in corrupt and fraudulent practices, if we are in breach of our obligation(s) under the Bid conditions, because we:

1. have withdrawn or modified our Bid during the period of Bid Validity specified in the Form of Bid;
2. Disagreement to arithmetical correction made to the Bid price; or
3. having been notified of the acceptance of our Bid by the Procuring Agency during the period of Bid Validity, (i) failure to sign the contract if required by Procuring Agency to do so or (ii) fail or refuse to furnish the Performance Security or to comply with any other condition precedent to signing the contract specified in the Bidding Documents.

We understand this Bid Securing Declaration shall expire if we are not the successful

Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight (28) days after the expiration of our Bid.



Contract Form

SECTION IX: CONTRACT FORMS

THIS AGREEMENT made the ____ day of _____ 20____ between **Islamabad International Airport (Pakistan Airports Authority) (Pakistan Airports Authority (PAA)), Deputy Director Landside Division, Islamabad International Airport, Islamabad, Islamabad Capital Territory**

(hereinafter called “the Procuring Agency”) of the one part and [name of Bidder] of [city and country of Bidder] (hereinafter called “the Bidder”) of the other part:

WHEREAS the Procuring Agency invited Bids for provision of goods, viz., **CONSTRUCTION OF 32 NO. JS APARTMENTS (02 BED) FOR ASF AT IIAP ISLAMABAD. (P71351)** and has accepted a Bids by the Bidder for the provision of Goods in the sum of [contract price in words and figures] (hereinafter called “the Contract Price”).

NOW THIS CONTRACT WITNESSETH AS FOLLOWS:

1. In this Contract words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Contract, In the event of any ambiguity or conflict between the Contract Documents listed below, the order of precedence shall be the order in which the Contract Documents are listed below:-

1. This form of Contract;
2. the Form of Bids and the Price Schedule submitted by the Bidder;
3. the Schedule of Requirements;
4. the Technical Specifications;
5. the Special Conditions of Contract;
6. the General Conditions of the Contract;
7. the Procuring Agency’s Letter of Acceptance; and
8. [add here: any other documents]

3. In consideration of the payments to be made by the Procuring Agency to the Bidder as hereinafter mentioned, the Bidder hereby covenants with the Procuring Agency to provide the Goods related services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Procuring Agency hereby covenants to pay the Bidder in consideration of the provision of Goods and the remedying of defects therein, 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.

IN WITNESS whereof the parties hereto have caused this Contract to be executed in accordance with their respective laws the day and year first above written.

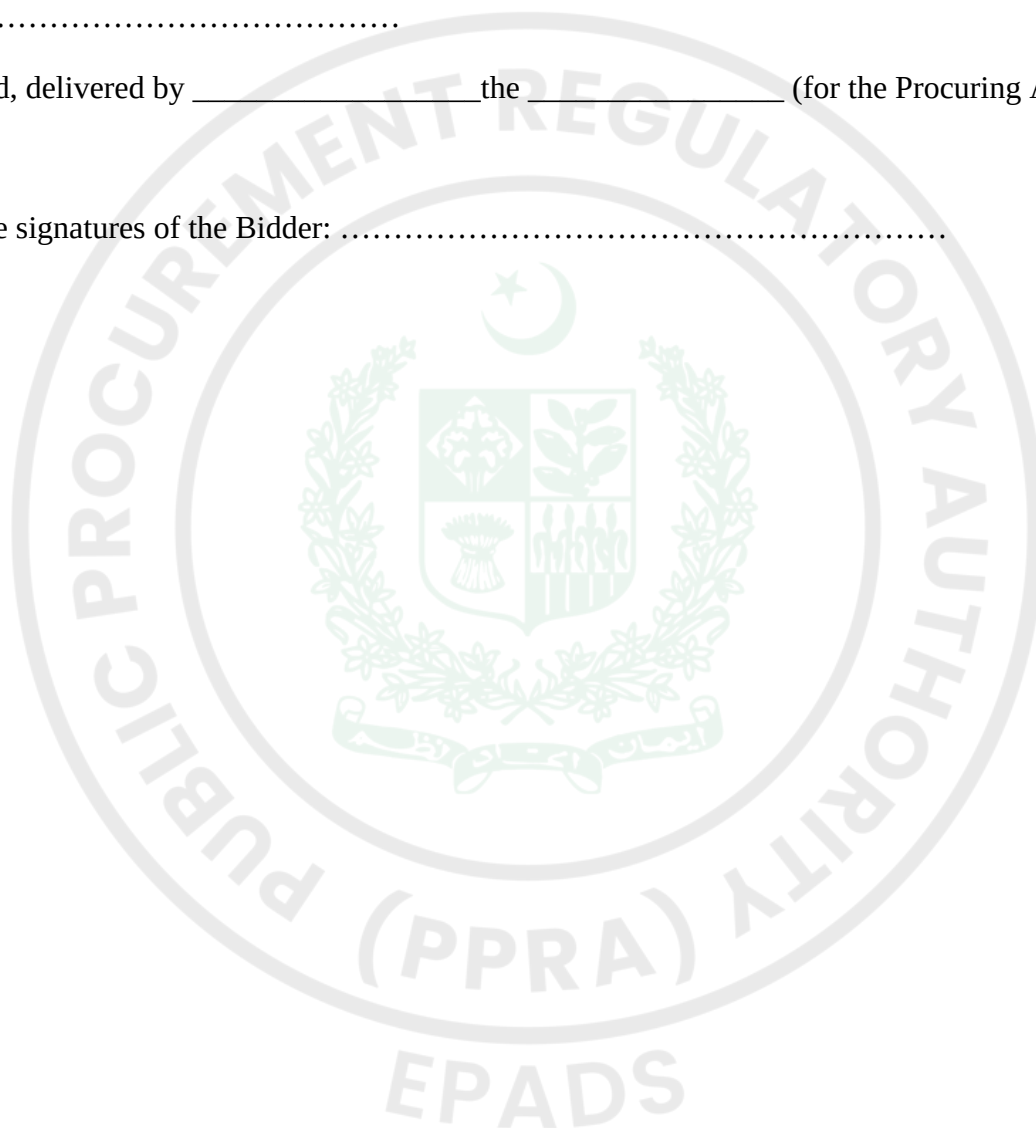
Signed, sealed, delivered by _____ the _____ (for the Procuring Agency)

Witness to the signatures of the Procuring Agency:

.....

Signed, sealed, delivered by _____ the _____ (for the Procuring Agency)

Witness to the signatures of the Bidder:





Integrity Pact

Integrity Pact

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS.10.00 MILLION OR MORE

Contract

Number: Contract

Value: Contract Title:

Dated:

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

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

[Name of Supplier] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representative or warranty.

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

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



Performance Guarantee Form

Performance Guarantee Form

To: **Islamabad International Airport (Pakistan Airports Authority) (Pakistan Airports Authority (PAA)), Deputy Director Landside Division, Islamabad International Airport, Islamabad, Islamabad Capital Territory**

WHEREAS *[name of Bidder]* (hereinafter called “the Bidder”) has undertaken, in pursuance of Contract No. *[reference number of the contract]* dated *[insert date]* for provision of Goods (hereinafter called “the Contract”).

AND WHEREAS it has been stipulated by you in the said Contract that the Bidder shall furnish you with a Bank Guarantee by a reputable bank for the sum specified therein as security for compliance with the Bidder’s performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Bidders guarantee:

THEREFORE, WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Bidder, up to a total of *[amount of the guarantee in words and figures]*, and we undertake to pay you, upon your first written demand declaring the Bidder to be in default under the Contract and without cavil or argument, any sum or sums within the limits of *[amount of guarantee]* as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the: *[insert date]*

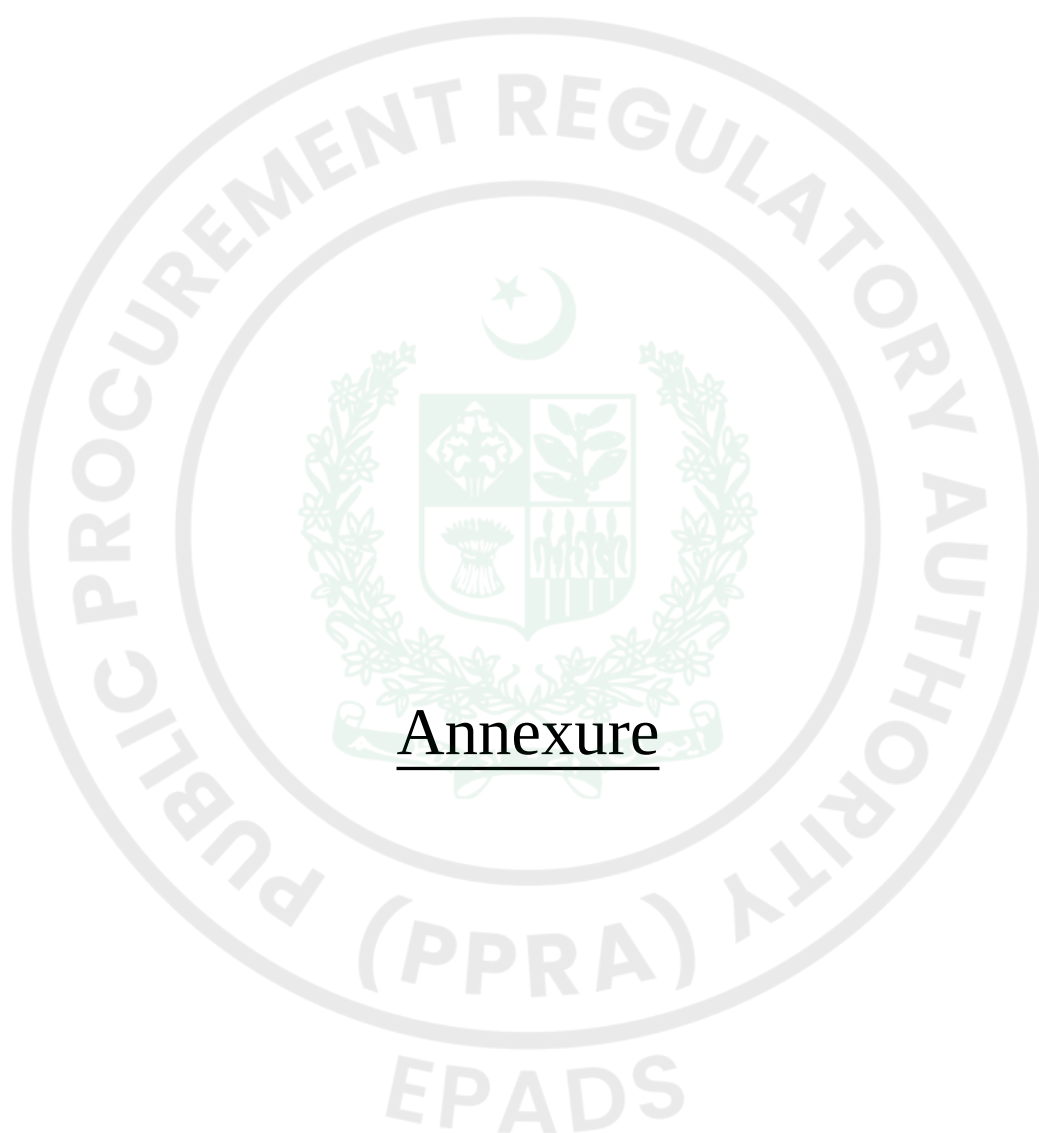
Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]





Annexure

Instruction to Bidders and Draft Contract

<p>This document shall prevail over all other Contract Documents and shall form the Contract upon successful tendering and award of the Contract.</p>

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **Instruction to Bidders and Draft Contract** (page number: 165)

Drawings

<p>The Contractor shall carefully review the drawings in conjunction with the Instructions to Bidders and the draft Contract attached.</p>

Information (Read-Only)

See Form Under Additional Forms and Documents: **Drawings** (page number: 209)

HSE Manual

Information (Read-Only)

See Form Under Additional Forms and Documents: **HSE Manual** (page number: 233)

BOQ

<p>The Contractor shall duly fill, sign, and upload this BOQ, complete in all respects.</p>

Financial Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **BOQ** (page number: 252)



Procurement Forms

Past Construction Experiences

1. The bidder must have successfully completed at least one (01) similar project during the last five (05) years, involving construction of a multi-storey (minimum G+1) RCC residential or administrative building, with a minimum value of PKR 100 million. The bidder shall submit copies of Work Order/Contract Agreement and Completion Certificate, along with brief project details.

See Form Under Additional Forms and Documents: **Past Construction Experiences** (page number: 281)







Additional Forms and Documents



پاکستان ایئر پورٹس اتھارٹی

CONTRACT DOCUMENT

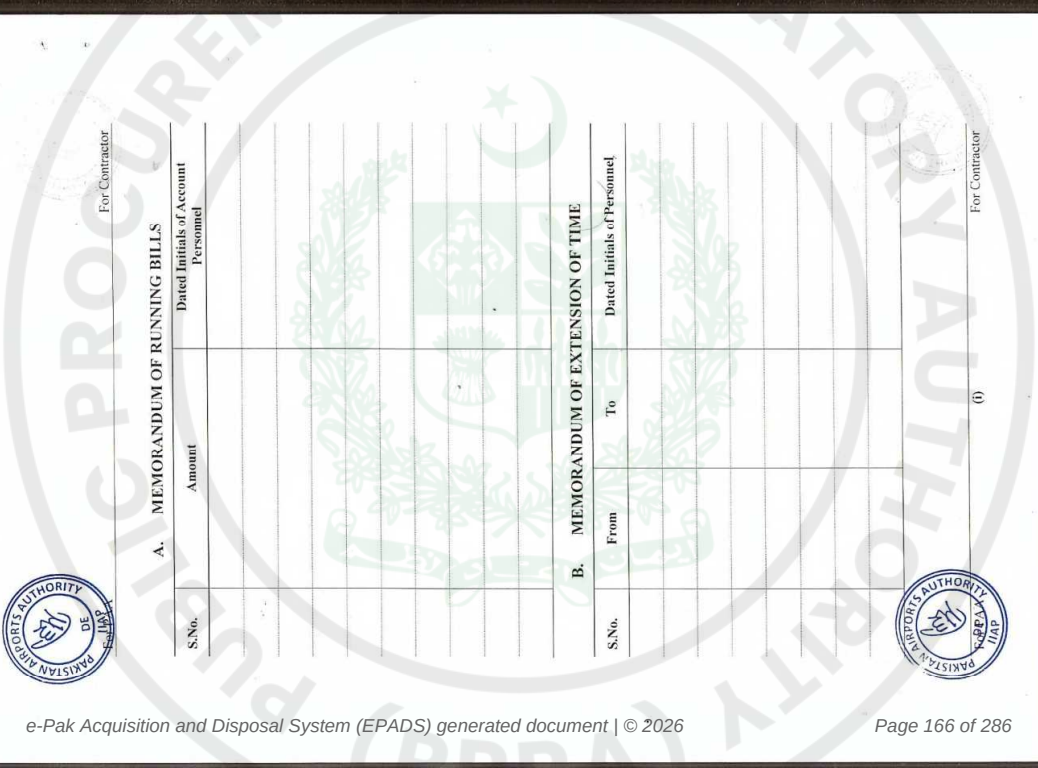
PAKISTAN AIRPORTS AUTHORITY

NAME OF WORK:

CONSTRUCTION OF 32 NOS. JS APARTMENTS (02 BED)
FOR ASF AT IAAP, ISLAMABAD

CONTRACT AGREEMENT NO:





Early

A. MEMORANDUM OF RUNNING BILLS

[illegible]

B. MEMORANDUM OF EXTENSION OF TIME

[illegible]

FOR PAUSE





For PAA

For Contractor

1.	Date and time of Receipt of Bid(s)	13-08-2026 11:00 Hrs
2.	Date and time of opening of Bid(s)	13-08-2026 11:30 Hrs
3.	Submission of Bids	Online through EPADS


[Divisional Engineer]

GENERAL INSTRUCTIONS

- 1) Bids shall be submitted electronically on PPRA EPADS portal.
- 2) Bidders are advised in their own interest to review the contents of Bidding Documents thoroughly and perform due diligence at their own cost prior to participating in the bidding process.
- 3) The Bid Security shall be in the form as prescribed in the Invitation to Bids.
- 4) Original instrument of Bid Security must be submitted at the time of Bid Opening in sealed envelope well before the closing date and time mentioned in Invitation to Bids and its scanned copy must be attached with the electronic bid to be submitted online on EPADS.
- 5) Should a Bidder fail to submit original instrument of Bid Security in sealed envelope before the closing date and time of Bid Opening or does not attach its scanned copy with the electronic bid, their bid shall be rejected outrightly.
- 6) All Bidders are requested to submit the bidding documents, without making any changes to the original text, complete with drawings, specifications etc. containing the signatures of the Bidder's representative on each and every page of the documents.
- 7) The Bidders are advised to submit physical (hard form) bid in original on the date and time mentioned in the invitation to bids to assist in evaluation, however that is not mandatory. In case of any discrepancies between the bid submitted physically and on EPADS, the latter shall prevail.



For PAA

(ii)

For Contractor



For PAA

For Contractor

DECLARATION

It is hereby solemnly affirmed and declared that I / we are not serving employees of any Government organization including PAA, and that it is further assured that if I / we had been previously engaged with PAA as an employee, then that service or employment had ceased to be in effect two years prior to the date of advertisement for this Work.

It is hereby further solemnly affirmed and declared that no serving or retired employee who has not completed two years after retirement from PAA is employed at our Contracting business.

It is hereby further undertaken and guaranteed that no serving or retired employee who has not completed two years after retirement from PAA shall be permitted to have any financial interest in the said Contracting business during the currency of this Contract with PAA.

It is clearly understood and agreed that in the event of a breach of the above undertaking during the currency of this Contract, the said Contract shall be liable to immediate cancellation in which case the security deposits and all other monies due or which may become due to PAA shall stand forfeited and be absolutely at the disposal of the PAA.

[Contractor's Signatures with Seal]



For PAA

(iii)

For Contractor



TENDER NOTICE

1. Pakistan Airports Authority hereby invites bids for the following work through the PPRA web-based platform EPADS for suitable contractors registered with PEC and having minimum C-3 category license in the relevant field of specialization.

Sr. No	Name of the Work	Bid Security	Bid submission closing date & time	Bid opening date & time
a)	CONSTRUCTION OF 32 NOS. JS APARTMENTS (02 BED) FOR ASF AT IIAP, ISLAMABAD	Rs. 9,000,000/-	13-08-2026 1100 hrs.	13-08-2026 1130 hrs.

2. Tender shall be carried out under **Single Stage – Single Envelope** bidding procedure.
3. Bids must be submitted electronically via EPADS by the submission type: Uploading (Files). Bidding documents can be downloaded from <https://eprocure.gov.pk>. Conditional tenders will not be accepted.
4. For registration and training on EPADS or technical assistance with bid submission, please contact PPRA at 051-111-137-237.
5. A bank draft / pay order for Rs. 9,000,000/- in favor of "Pakistan Airports Authority" as earnest money must accompany (in original) the tender documents. Bids without earnest money will not be considered.
6. Prospective bidders are advised to read the bidding documents carefully before submission of their bids.
7. The original bid security and one sealed hard copy of bidding documents uploaded on EPADS must be submitted to the office of the Divisional Engineer ES Civil (Landside), IIAP, Islamabad before the bid closing date and time along with the following mandatory documents:
- Proof of payment of the non-refundable tender fee of Rs. 2,000/- in favor of the Pakistan Airports Authority (PAA), to be deposited in the PAA Collection Account (Account No. 24807000037803, HBL IIAP Islamabad Branch)
 - Copy of the valid PEC license
 - An affidavit of no litigation/blacklisting on non-judicial stamp paper (original) with a minimum value of Rs. 200/- If the firm is involved in any litigation, it must be disclosed in the affidavit.
 - Power of attorney on non-judicial stamp paper with a minimum value of Rs. 500/- (if applicable)
 - Affidavit of proprietorship, duly attested, on non-judicial stamp paper with a minimum value of Rs. 200/- (if applicable)
 - Copy of valid income tax/active taxpayer status and professional tax registration
 - The bidder must have successfully completed at least one (01) similar project during the last five (05) years, involving construction of a multi-storey (minimum G+1) RCC residential or administrative building, with a minimum value of PKR 100 million. The bidder shall submit copies of Work Order/Contract Agreement and Completion Certificate, along with brief project details.
8. **Warning:** Any financial instruments submitted by the bidder, such as pay orders or bank drafts, if found to be fake or dishonored at any stage, will result in legal action under applicable law and lead to the blacklisting of the bidder.
9. Pakistan Airports Authority reserves the right to accept or reject any or all bids with valid reasons, which will be communicated to bidders upon request.
10. This advertisement is also available on PAA website <https://paa.gov.pk> and PPRA website <https://ppra.org.pk>.

DIVISIONAL ENGINEER ES CIVIL (LANDSIDE)
ISLAMABAD INTERNATIONAL AIRPORT (IIAP)
PAKISTAN AIRPORTS AUTHORITY

Tel: 051-95553550
<https://paa.gov.pk>







For PAA

For Contractor

INVITATION TO BIDS

Date: _____

1. Pakistan Airports Authority, invites bids from eligible Constructors licensed by the Pakistan Engineering Council in the appropriate category for the Works named on the cover page.
2. The bidding process shall be conducted in line with the single stage one envelope procedure prescribed under Public Procurement Rules 2004, e-Pak Procurement Regulations, 2023 and any Regulations, Regulatory Guides, Procurement Guidelines or Instructions issued by the PPRA (from time to time), and is open to all potential eligible bidders registered in the EPADS.
3. All bids must be accompanied by Bid Security in an acceptable form in the prescribed amount.
4. The electronic bids prepared in accordance with the instructions prescribed in the electronic bidding documents must be submitted through EPADS on or before the bid closing date and time. Electronic bids will be opened by using EPADS on the same day 30 minutes after bid closing time.
7. The bidders are required to attach and submit following documents electronically.
 - a) The bidder must have successfully completed at least one (01) similar project during the last five (05) years, involving construction of a multi-storey (minimum G+1) RCC residential or administrative building, with a minimum value of PKR 100 million. The bidder shall submit copies of Work Order/Contract Agreement and Completion Certificate, along with brief project details.
 - b) Scanned copy of CNIC, and attested copy to be submitted physically.
 - c) Scanned original valid PEC License, and attested copy to be submitted physically.
 - d) Attested copy of valid NTN Certificate
 - e) Attested copy of valid Professional Tax Certificate
 - f) Affidavit for no blacklisting and litigation.

[Signature]

[Divisional Engineer]



For PAA

(iv)

For Contractor

For PAA



For Contractor

Page left blank intentionally.

For PAA



For Contractor

(v)



INSTRUCTIONS TO BIDDERS

1. The invitation to bids shall contain the name of work to be carried out as well as the date for submitting and opening the bids and the time allowed for carrying out the work; also the amount of *bid security* to be deposited with the bid. Copies of the specifications, designs and drawings and any other documents required in connection with the work signed for the purpose of identification by Pakistan Airports Authority (PAA) shall also be open for inspection by the Contractor at the office of the Additional Director / Project Manager / Divisional Engineer during office hours.
2. Where a bid is being submitted by a firm, it must be signed separately by each partner thereof, or in the event of the absence of any Partner, it must be signed on his behalf by a person holding a power of attorney authorizing him to do so, such power-of-attorney to be produced with the bid and a Photostat of the Partnership Deed should accompany the bid.
3. Where a firm of Contractors is an incorporated company registered under the Companies Act, the Contractors shall furnish the following documents:
 - a) Memorandum and Articles of Association together with a copy of certificate of incorporation.
 - b) In case the Contract is to be signed by one of the Directors of the Contractor's Company, a certified copy of the resolution of the Board of Directors or a Photocopy of the General Power of Attorney executed by the Company authorizing such Directors to enter into and sign the Contract with PAA.
4. The memorandum of work and the schedule of materials to be supplied by the PAA and their issue rates, shall be filled, and completed in the office of Divisional Engineer before the bidding document is uploaded on EPADS.
5. The bidder shall also produce a certificate of registration with the Income Tax Authority, and proof of being Active Taxpayer and attach it with the bid.
6. Bidders may request clarification of the Bidding Documents by sending a written query to the PAA through EPADS. The PAA may, if deemed appropriate, respond to the request at least two days before the bid submission deadline.
7. PAA may, at its discretion convene a pre-bid meeting to provide clarifications on the Bidding Documents. If held, the date, time, and venue of the meeting shall be specified on the EPADS. Bidders are encouraged to submit any queries in writing no later than seven (7) days prior to the scheduled meeting. The minutes of the meeting, including all questions raised and responses provided, shall be promptly circulated to all recipients of the Bidding Documents.
8. Bidders are advised to visit and inspect the Site and its surroundings at their own risk and cost, and to conduct all necessary due diligence to obtain sufficient information for the preparation of their bids and execution of the Contract. PAA shall permit such visits, subject to prior coordination; however, bidders and their representatives shall enter the site entirely at their own risk and shall indemnify and hold harmless the PAA, its personnel, and agents from any liability, loss, damage, injury, or expense arising from or related to such visits.
9. PAA may amend the Bidding Documents at any time before the bid submission deadline, either on their own or in response to a bidder's request for clarification, by issuing a written addendum. Each addendum will become part of the Bidding Documents and will be shared with all purchasers, who must acknowledge receipt in writing. If needed, PAA may extend the bid submission deadline to allow bidders sufficient time to consider the changes.
10. Bidders who propose any alteration in the work specified in the said form of an invitation to bid, or in the time allowed for carrying out the work, or which contain any other condition of any sort,





For Contractor

will be liable to rejection. No single bid shall include more than one work, but Contractors who wish to bid for two or more works shall submit a separate bid for each work.

11. No alterations or additions shall be made by the Contractor in the schedule of quantities and rates must be filled in ink (blue or black) or typed out both in figures and words clearly and legibly in the columns provided in the schedule of Quantities. All corrections must be signed by the Contractors.

12. Bidders shall not be reimbursed any cost of any kind whatsoever incurred by them in connection with preparation and submission of their Bids.

13. Arithmetical errors in the bid will be rectified on the following basis:

- a) If there is a discrepancy between the amounts in figures and in words, the amount in words will govern; and if 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 PAA 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.
- b) If the bidder quotes different rates for the same items across sub-heads, or attaches page(s) containing items with varying rates for the same item(s), the lowest unit rate will be considered for evaluation.
- c) If the bidder does not accept the corrected / evaluated amount of bid, their bid will be rejected, and bid security shall be forfeited.

14. Bids shall be accompanied by a Cash Deposit Receipt, Pay Order, or a Banker's Cheque of the amount given in the Memorandum as Bid Security. The Bid Security shall be returned to the unsuccessful bidders, after the work has been awarded.

15. The quoted bid rates or amounts shall be inclusive of all taxes (but excluding provincial sales tax on services), duties, and cess, etc as applicable fourteen (14) days prior to the date of bid opening, and no claim on this account shall be entertained by PAA.

16. The completed Bid form shall be submitted in accordance with the instructions prescribed by PPRA for submitting electronic bids through EPADS on or before the closing date and time. Electronic bids will be opened by using EPADS on the same day 30 minutes after bid closing time.

17. Original bid submitted electronically shall also be submitted physically along with Bid Security in a Sealed Envelope and addressed and delivered in person or sent by Registered post / courier so that it reaches well in time before the opening date, as notified by the PAA. The sealed envelope shall have the name of work, as mentioned in invitation to bids, written on top of it. In case of any discrepancies between the bid submitted physically and on EPADS, the latter shall prevail. The instrument of Earnest Bid Security shall compulsorily be submitted in physical form on the opening date and time, whereas submission of the bid physically is recommended but not mandatory.

18. When a bid is accepted, a receipt for the bid security forwarded therewith shall thereupon be given to the Contractor. In the event of a bid being rejected the bid security forwarded with such unaccepted bid shall thereupon be returned to the Contractor.

19. The receipt given by an accountant or clerk for any money paid by the Contractor will not be considered as an acknowledgement of payment to the PAA and the Contractor shall be responsible for seeing that he procures a receipt signed by the Divisional Engineer or his authorized officer.

20. Bids will be opened and read in public on the date and time for the opening. Bids whose bid security is received after the time set for receipt shall be rejected. Bidders who submit their bid security and their bids are not uploaded on EPADS or fail to show on EPADS will be considered and held as participants.



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For Contractor

21. Additional Director / Project Manager / Divisional Engineer or his duly authorized representative shall open bids in the presence of intending Contractor who may be present at the time and will enter the amounts of all the bids in a Comparative Statement in a suitable form.
22. PAA reserves the rights to postpone the date or time of submission and opening of Bids. Should the date of opening the Bids be postponed, PAA shall give notice of such postponement.
23. The bid shall remain valid for a period of One Hundred & Twenty (120) days from the date of bid opening. In exceptional cases, before this period expires, PAA may request an extension—no longer than the original validity period. Bidders may refuse to extend the bid validity without losing their Bid Security. Those who agree must extend the Bid Security accordingly but cannot change their bids.
24. PAA is not bound to award the Contract to the lowest or to any Bidder and reserves the right to reject any or all Bids and to waive any formalities in the Bids received such as deviations in the use and presentation of the specified Bidding Documents and forms, if it appears to be in the interest of the PAA.
25. Bid shall be accepted by the competent officer of PAA. The acceptance of the Bid shall bind the Bidder to execute the Contract Agreement within the specified period failing which the Bidder shall forfeit his Bid Security not as penalty, but as liquidated damages.
26. For works costing more than Rs. 10 Million, the Contractor shall furnish to the PAA within fourteen (14) days after receipt of Letter of Acceptance, a Performance Security in the form of an irrevocable Bank Guarantee from the Banks approved by PAA (as per the list provided in Appendix-E to Bidding Documents) for an amount equaling to five percent (5%) of the total amount of bid at the time of signing the agreement. The irrevocable Performance Security shall have validity till thirty (30) days after the date of final completion of works. The bond for Performance Security shall be executed on non-judicial stamp paper of appropriate value.
27. For works costing more than Rs. 65 Million, the Contractor may be given a Mobilization Advance of up to 10% of the bid cost by PAA on production of an irrevocable bank guarantee of an equivalent amount from Banks approved by PAA (as per the list provided in Appendix-E to Bidding Documents). The same will be recovered at the rate of 10% of gross amount of the running bills of the Contractors.
28. Prior to engaging in the bidding process, the bidders should at their own cost, read and acquaint themselves with the PAA's procedure for blacklisting of contractors and suppliers available on PAA website: (<https://pawebadmin.paa.gov.pk/media/lfpcknjl/caco-1013-escv.pdf>)


DIVISIONAL ENGINEER LANDSIDE
Islamabad International Airport
Pakistan Airports Authority



For Contractor

MEMORANDUM

a) Name of Work

CONSTRUCTION OF 32 NOS. JS APARTMENTS
(02 BED) FOR ASF AT IIAP ISLAMABAD

b) General Description of Works

c) Bid shall be enclosed with (Bid Security)

Call Deposit Receipt, Pay Order, or a Banker's Cheque from a scheduled Bank in Pakistan, of an amount mentioned in the invitation to bids.

d) Security Deposit (including Bid Security)

Five per cent (5%) of the Contract Price.

e) Deduction of Income Tax

As per Income Tax Ordinance 2001 amended from time to time.

f) Time allowed for the work

12 Months (from the date of written order to commence)

g) Bill of Quantities

As per attached schedule.



DIVISIONAL ENGINEER LANESIDE
Islamabad International Airport
Pakistan Airports Authority

For Contractor

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For Contractor

LETTER OF OFFER FOR EXECUTION OF WORKS

1 / We hereby submit our offer (bid) for the execution of the work specified in the above written memorandum within the time specified in each memorandum at the rates specified therein, and in accordance with the specifications, designs, drawings and instructions and with such materials as are provided for by and in all other respects in accordance with such conditions so far as applicable.

2. 1 / We understand that all the Schedules and Annexes attached hereto form part of this Bid.

4. 1 / We agree to abide by this bid for the period of one-hundred twenty (120) days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

3. Should this bid be accepted, 1 / We hereby agree to abide by and fulfil all the terms and provisions of the said conditions of contract annexed hereto so far as applicable or on default thereof to forfeit and pay to the Pakistan Airports Authority (PAA) the sum of money mentioned in the said conditions.

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. 1 / We undertake, if our bid is accepted, to execute the Performance Security referred to in Conditions of Contract for the due performance of the Contract.

7. 1 / We understand that you are not bound to accept the lowest evaluated or any bid you may receive.

8. 1 / We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons submitted a bid for the Works.

9. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a *Bid Security* in the amount of _____ drawn in your favour or made payable to you and valid for a period of twenty-eight (28) days beyond the period of validity of bid.

Dated the _____ day of _____ 20____

Witness

Address

[Signature of Contractor]

The above bid is hereby accepted by me on behalf of PAA.

Dated the _____ day of _____ 20____

[Signature of Officer by whom accepted]



PAA

(x)

For Contractor



For Contractor

(On appropriate valued non-judicial stamp papers)

FORM OF AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the _____ day of _____ 20____ between **PAKISTAN AIRPORTS AUTHORITY**, established under the Pakistan Airports Authority Act, 2023, having its Head Office at Terminal-I, JIAP, Karachi, through its duly authorized officer (hereinafter called the "PAA") of the one part;

AND

M/s. _____ registered with Pakistan Engineering Council as a licensed Constructor / Operator, having its office at _____ "through its duly authorized person namely _____ (designation) (hereinafter called the "Contractor") (which term shall include its successors-in-interest, authorized representatives and executors) of the other part.

WHEREAS the PAA 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 witnesseth as follows:

- In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the General Conditions of Contract hereinafter referred to.
- The following documents after incorporating addenda, if any, shall be deemed to form and be read and construed as part of this Agreement, viz:

- The Letter of Acceptance;
- The completed Letter of Offer for Execution of Works;
- The General Conditions of Contract;
- The Special Conditions of Contract (if attached);
- The Bill of Quantities;
- The Specifications; and
- The Drawings

- In consideration of the payments to be made by the PAA to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the PAA to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.

- The PAA 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.

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

(For and on behalf of Contractor)
CNIC No. _____

(For and on behalf of PAA)

Signed, Sealed and Delivered in the presence of:

Witness (1):

Witness (2):

(Name, CNIC No. and Address)

(Name, CNIC No. and Address)

For PAA

(s)

For Contractor





For Contractor

GENERAL CONDITIONS OF CONTRACT

1 Definitions

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

- 1.1 **"PAA"** means Pakistan Airports Authority and includes its duly authorized agents, successors and assigns.
- 1.2 **"Competent authority"** means an officer of PAA under whose competence the acceptance of bid lies.
- 1.3 **"Contractor"** means the person or persons, firm or Company whose Bid (as hereinafter defined) has been accepted by PAA and includes the Contractor's personal representatives, successors and permitted assigns, but does not include any sub-contractor.
- 1.4 **"Divisional Engineer"** means an Engineer duly authorized by the PAA for execution of work.
- 1.5 **"Representative of Divisional Engineer"** means any duly authorized officer or officers appointed by the PAA to perform the duties set forth.
- 1.6 The expression **"Works"** means all the works specified or set forth and required in and by the said specifications, drawings and schedule hereto or to be hereafter specified or required in such explanatory instructions and drawings and also in such additional Instructions and drawings as such from time to time, during the progress of the work hereby contracted for, be supplied by PAA.
- 1.7 **"Contract"** means the Conditions of Contract specifications, Drawings, priced schedule of Quantities, Bid and the Contract Agreement.
- 1.8 **"Contract Price"** means the amount / sum stated in the letter of Acceptance, subject to such additions thereto or deductions there from as may be made under the provisions hereinafter contained.
- 1.9 **"Construction Plant"** means all appliances, equipment or things of whatsoever nature required in or about the execution, completion or maintenance of the Works or Temporary works.
- 1.10 **"Temporary Works"** means all temporary works of every kind required in or about the execution completion or maintenance of the work.
- 1.11 **"Drawings"** means the drawings referred to in the Specifications and any modifications of such drawings approved in writing by the PAA and such other drawings as may from time to time be furnished or approved in writing by the Divisional Engineer.
- 1.12 **"Site"** means the lands and other places on, under, in, through which the works are to be executed or carried out and any other lands or places provided by the PAA for purposes of the Contract.
- 1.13 **"Approved"** means approved in writing including subsequent written confirmation of previous verbal approval and "Approval" means approved in writing including as aforesaid.

For PAA

(1)

For Contractor





For Contractor

1.14 "Tender" means the offer tendered by the Contractor for the works governed by the contract and includes all documents annexed to the offer.

- 2 **Extent of Contract** The Contract comprises the construction, completion and maintenance of the Works and except in so far as the Contract otherwise provides, the provision of all labour, materials, construction plant, temporary works and everything whether of temporary or permanent nature required in and for such construction, completion and maintenance so far as the necessity for providing the same as specified in or reasonably to be inferred from the Contract.

- 3 **Documents Mutually Explanatory** The several documents forming the Contract are to be taken as mutually explanatory of one another and in case of ambiguities or discrepancies, the same shall be explained by the Divisional Engineer whose explanation in this respect shall be final.

- 4 **Sufficiency of Tender** The Contractor shall be deemed to have satisfied himself before bidding as to the correctness, completeness and sufficiency of his Bid for the works and of the rates and prices stated in the priced schedule of Quantities which rates and prices shall except in so far as otherwise provided in the Contract cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the Works.

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

- 6 **Possession of Site** The Divisional Engineer, with the written order to commence the works will give to the Contractor possession of the Site as may be required to enable the Contractor to commence and proceed with the construction of the works in accordance with the program referred to in clause 10 hereof and otherwise in accordance with such reasonable proposals of the Contractor as he shall by notices in writing to the Divisional Engineer make and will from time to time as the works proceed give to the Contractor possession of such further portions of the Site as may be required to enable the Contractor to proceed with the construction of



For Contractor

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For Contractor

Works with due diligence in accordance with the said programme or proposals (as the case may be).

7 Drawings

Three copies of each of the approved Drawings shall be furnished by PAA to the Contractor free of cost. The Contractor shall provide and make at his own expense any further copies required by him.

8 Drawings to be kept on Site

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

9 Further Drawing and Instructions

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

10 Programme to be furnished

As soon as practicable after the acceptance of his Bid, the Contractor shall submit to the Divisional Engineer for his approval a programme showing the order of procedure and method in which he proposes to carry out the Work and shall furnish for his information, particulars in writing of the Contractor's arrangements for carrying out of the works and the constructional plant and temporary works which the Contractor intends to supply, use or construct, as the case may be. The submission to and approval by the Divisional Engineer or the Representative of the Divisional Engineer of such programme or the furnishing or such particulars shall not relieve Contractor of any of his duties or responsibilities under the Contract.

11 Commencement

The Contractor shall commence the Works on Site after the receipt by him of an order in writing to commence work from the Divisional Engineer and shall proceed for the same with due diligence (time being the essence of the Contract on the part of the Contractor).

12 Contractor's Superintendence

The Contractor shall give or provide all necessary superintendence during the execution of the Works and as long thereafter as the Divisional Engineer may consider necessary for the proper fulfilling of the Contractor's obligations under the Contract. The Contractor or his competent, qualified and authorized agent or representative approved by the Divisional Engineer in writing (which approval may at any time be withdrawn) is to be constantly on the Works and shall give his whole time to the superintendence of the same if such approval shall be withdrawn by the Divisional Engineer, the Contractor shall without any delay, after receiving written notice of such withdrawal, remove the Agent from the site and shall not thereafter the employ him again on the Site in any capacity and shall replace him by another agent approved by the Officer. Such authorized agent or representative shall receive, on behalf of the Contractor directions and instructions from the Divisional Engineer or the representative of the Divisional Engineer. The Contractor shall also

For PAA

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employ full time Engineer / Sub-Engineer, duly qualified in Civil / Electrical / Mechanical Engineering and having professional experience of at least three years for the purpose of execution of the proposed works and giving full time engineering / technical, superintendence during all phases of execution and for receiving technical directions and instructions from the Divisional Engineer.

13 Contractor's Employees

The Contractor shall provide and employ on the Site in connection with the execution and maintenance of the Works:

13.1 Only such technical personnel as are skilled and experience in their respective fields and such sub-agents, foremen and leading hands as are competent to give proper supervision to the work they are required to supervise.

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

14 Removal of Contractor's Employees

The Divisional Engineer shall have the power to object in writing to and require the Contractor to remove forthwith from the Work any person employed by the Contractor in or about the execution or maintenance of the works who in the opinion of the Divisional Engineer is misconducting himself or is incompetent or negligent in the proper performance of his duties or whose employment is otherwise considered reasonably by the Divisional Engineer to be undesirable. Any person so removed from the works shall be replaced without delay by a competent substitute approved by the Divisional Engineer. The Contractor shall not demand the reasons from the Divisional Engineer for requiring the removal of any one of his employees.

15 Supply of Plant Materials and Labour

Except where otherwise expressly specified, the Contractor shall at his own expense supply and provide all the Constructional plants, work materials, both for temporary and for permanent works, labour (including the supervision thereof) transport to or from the site and in and about the works and other things of every kind required for the construction, completion and maintenance of the works.

16 Works to be executed in accordance with specifications drawings etc.

The Contractor shall execute the whole and every part of the work in the most substantial and workman-like manner and both as regards materials and otherwise in every respect in strict accordance with the specifications. The Works executed by the Contractor shall also conform exactly, fully and faithfully to the designs, drawings and instructions in writing relating to the work issued by the Divisional Engineer.

17 Action where no specification

In the case of any class of work for which there is no such specifications, such work shall be carried out in accordance with the written instructions, and requirements of the Divisional Engineer.

18 Quality of Material,

All materials and workmanship shall be of the respective kinds described in the Contract and in accordance with the instructions of the Divisional Engineer and shall be subjected from time to time to such tests as the

For Contractor

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For Contractor





For Contractor

Partnership and

Divisional Engineer may direct at the place of manufacture or fabrication on the Site or at all or any of such places. The Contractor shall provide such assistance, instruments, machines, labour and materials as are normally required for examining, measuring and testing any work and the quality, weight or quantity of any materials used and shall supply samples of materials before incorporation in the works for testing as may be selected and required by the Divisional Engineer. All samples shall be supplied by the Contractor at his own cost. The cost of making all tests specified in the Contract shall be borne by the Contractor.

19 Delegation of Power to Divisional Engineer's Representatives.

The Divisional Engineer may from time to time in writing delegate to the representatives of the Divisional Engineer any of the powers and authorities vested in the Divisional Engineer. Any written instruction or approval given by the representative of the Divisional Engineer to the Contractor within the term of such delegation (but not otherwise) shall bind the Contractor and the PAA, as though it has been given by the Divisional Engineer provided as follow:

19.1 Failure of the representative of the Divisional Engineer to disapprove any work or materials shall not prejudice the power of the Divisional Engineer thereafter to disapprove such work or materials and to order the pulling down, removal or breaking up thereof.

19.2 If the Contractor shall be dissatisfied by reason of any decision of the representative of the Divisional Engineer he shall be entitled to refer the matter to the Divisional Engineer who shall thereupon confirm, reverse or vary or modify such decision, and whose decision shall be final.

19.3 The Agreement shall be rescinded by the PAA and the final measurements shall be recorded by the Divisional Engineer or his any authorized representative shall record the final measurement and Contractor will not claim for any item not recorded by the Divisional Engineer or his representative.

20 Access to Site

The Divisional Engineer and any person authorized by him shall at all times have access to the Works and to the Site and to all Workshops and places where work is being done or where materials, manufactured articles or machinery are being obtained for the Works and the Contractor shall afford every assistance in or obtaining the right to such access.

21 Way leave etc.

The Contractor shall bear all expenses and charges for special or temporary way leaves required by him in connection with access to the Site. The Contractor shall also provide with the written approval of Divisional Engineer at his own cost any reasonable additional accommodation at Site required by him for the purposes of the Works.

22 Rate of Progress and permission to work during Night.

The whole of the materials, plant and labour to be provided by the Contractor and the mode, manner and speed of execution and maintenance of the works are to be of a kind and conducted in a manner approved by the Divisional Engineer. Should the rate of progress of the Works or any

For PAA

For Contractor

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For PAA

For Contractor

part thereof be at any time in the opinion of the Divisional Engineer too slow to ensure the completion, the Divisional Engineer shall so notify the Contractor in writing and the Contractor shall thereupon take such steps as may be necessary and the Divisional Engineer may approve to expedite progress so as to complete the Works by the prescribed time or extended time for completion. If the work is not being carried on by day and by night and the Contractor shall request permission to work by night as well as by day, then, if the Divisional Engineer shall grant such permission, the Contractor shall not be entitled to any additional payments. The contractor shall indemnify the PAA from and against all claims, liabilities, demands, proceedings, costs and expenses whatsoever in regard to or in relation to such permission. All work at night shall be carried out without unreasonable noise and disturbance.

23 Time for Completion

Subject to any requirement in the Specification of any portion of the Works before completion of the whole of the works, the whole work shall be completed within the stipulated time.

24 Extension of time for completion

Should the amount of extra or additional work of any kind or other special circumstances of any kind whatsoever (acts of God and events beyond the control of PAA etc.) which may occur be such as fairly to entitle the Contractor to an extension of time for the completion of the work, the Divisional Engineer shall determine and grant such an extension of time. Provided that the Divisional Engineer is not bound to take into account any extra additional work or other special circumstances unless the Contractor has within fourteen (14) days after such work has been commenced or such circumstances have arisen, delivered to the representative of the Divisional Engineer full and detailed particulars of any claim for extension of time to which he may consider himself entitled in order that such claim may be investigated at the time.

25 Termination of Contract for slow progress

If in the opinion of the Divisional Engineer the progress of the Works is slow that it cannot be completed within the prescribed period or within the extended period granted to the Contractor, the Divisional Engineer shall give a notice in writing to the Contractor calling upon him to speed up the work by employing more labour and by increasing the rate of supply of material, equipment and plant to an extent to be mentioned in the notice. In case the Contractor fails to comply with the requirements of the notice within ten days from its issue, the Divisional Engineer shall have the power to have the works completed through any other agency at the risk and cost of the Contractor. In any such event, the work executed by the Contractor shall be measured up and all plant, machinery, equipment and material at Site will be taken over by the Divisional Engineer after preparing and inventory thereof, such stores to be used for the completion of the work will be at the cost of the Contractor. All payments due to the Contractor shall be withheld till the completion of the work and any loss suffered by the PAA or expenditure incurred in getting the works executed, shall be recovered from the Contractor.



For PAA

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For Contractor



Compensation
payable in case of
works below
specification

For Contractor

If it shall appear to the Divisional Engineer or his representative, that any work has been executed with unsound, imperfect or unskilled workmanship or with materials of any inferior description or that any materials or articles provided by him for the execution of the work are unsound or of a quality inferior to that contracted for or otherwise not in accordance with the contract, the Contractor shall on demand in writing from the Divisional Engineer specifying the work, materials or articles complained of notwithstanding that the same may have been inadvertently passed, certified and paid for, forth-with rectify, or remove and reconstruct the work so specified and provide other proper and suitable materials or articles at his own cost; and in the event of his failing to do so with in a period to be specified by the Divisional Engineer in his demand aforesaid, then the Contractor shall be liable to pay compensation at the rate of one percent on the total cost of work for every day not exceeding ten days apart from the cost of rectification, while his failure to do so, shall continue and in the case of any such failure the Divisional Engineer may rectify or remove, and re-execute the work which may include additional work necessary to strengthen or set right the unsound work carried out by the Contractor or remove and replace with others, the materials or articles complained of as the case may be at the risk and cost of the Contractor in all respect.

27 Security Deposits

The Contractor shall permit the PAA at the time of making any payment to him for work done under the contract to deduct such sum as will amount to be five per cent (5%) of all money so payable; such deductions to be held by PAA by way of security deposit. The sum five per cent (5%) of the amount of the bills including the earnest money held by the PAA by way of security deposit shall be paid back to the Contractor after the satisfactory expiration of Period of Maintenance as defined in the clause 49 hereof.

28 Forfeiture of Security deposit

28.1 In any case in which under any clause, or clauses of this agreement the Contractor shall have rendered himself liable to, pay compensation amounting to the whole of his security deposit (whether paid in one sum or deduction by instalments) the PAA shall have the power in its own discretion to adopt any of the following courses, best suited to the interest of the PAA.

- a) To rescind the Contract (of which rescission notice in writing by the Divisional Engineer to the Contractor shall be conclusive evidence) and in which case the security deposit of the Contractor as available with the PAA shall stand forfeited and be absolutely at the disposal of PAA.
- b) To employ labour paid by PAA and to supply materials to carry out the work or any part of the work debiting the Contractor with the cost of the labour and the price of the materials (of the amount of which cost and price a certificate of the Divisional Engineer shall be final and conclusive against the Contractor) and crediting him with the new value of the work done, in all respect in the same manner and at the same rates as if it had been

For PAA

For Contractor

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For PAA

For Contractor

carried out by the Contractor under the terms of his Contract, the certificates of the Divisional Engineer as to the value of work done shall be final and conclusive against the Contractor.

- c) To measure up the work of the Contractor and to take such part thereof as shall be unexecuted out of his hand, and to give it to another contractor to complete, in which case any expenses which may be incurred in excess of the sum which would have been paid to the original Contractor, if the whole work had been executed by him (of the amount of which exceed, the certificate in writing to the Divisional Engineer shall be final and conclusive) shall be borne and paid by the original Contractor and may be deducted from any money due to him by the PAA under the contract or otherwise or from his security deposit, or the proceeds of sale thereof or a sufficient part thereof.

28.2 In the event of any of the above courses being adopted by the PAA, the Contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials, or entered into any engagements or made any advance on account of or with a view to the execution of the work or the performance of the Contract. And, in case the Contract is rescinded under the aforesaid provisions, the Contractor shall not be entitled to recover or be paid any sum for any work therefore actually performed under this contract. Unless and until the Divisional Engineer will have certified in writing the performance of such work and the value payable in respect thereof, and he shall only be entitled to be paid the value so certified. Again, the Contractor will not in any manner hinder or prevent the owner or Divisional Engineer or any of the workmen and other employed by him from proceeding to complete the said buildings and works as aforesaid.

29 Liquidated damages for delay

If the Contractor fails to complete the works within the stipulated time for completion prescribed under the Contract, or any extended time allowed for completion in accordance with the Contract, then the Contractor shall pay to the PAA a sum equal to ten (10) per cent or less of the Contract Price as liquidated damages (and not as a penalty) for the delay beyond the time prescribed in the Contract or the extended time for completion, as the case may be. The said sum shall be payable by the sole fact of the delay without the need for any previous notice or any legal proceedings, or proof of damage, which shall in all cases be considered as ascertained. The PAA may, without prejudice to any other method of recovery, deduct the amount of such liquidated damages from any monies in its hands due or which may become due to the Contractor. The payment or deduction of such damages shall not relieve the Contractor from his obligation to complete the Works or from any other of his obligations and liabilities under the Contract.

30 Notice to be given before work is covered up

The Contractor shall give not less than five clear days' notice in writing to the Divisional Engineer or his representative before covering up or otherwise placing beyond the reach of measurement of any work, in order

For PAA

For Contractor

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that the same may be measured, and correct dimensions thereof be taken before the same is so covered up or placed beyond the reach of measurement without the consent in writing of the Divisional Engineer or his representative, and if any work shall be covered up or placed beyond the reach of measurement without such notice have been given or consent obtained the same shall be uncovered at the Contractor's expense, or in default thereof no payment or allowance shall be made for such work on the materials with which the same was executed.

31 Suspension of work

The Contractor shall on the written order of the Divisional Engineer suspend the progress of the works or any part thereof for such time or times and in such manner as the Divisional Engineer may consider necessary and shall during such suspension properly protect and secure the work so far as is necessary in the opinion of the Divisional Engineer. The extra cost (if any) incurred by the Contractor in giving effect to the Divisional Engineer's instructions under this clause shall be borne by the Contractor, if such suspension is:

- a) as per the provision of the contract, or
- b) Necessary for the proper execution of the work or by reason of weather conditions affecting the safety or quality of the Works or by some default on the part of the Contractor, or
- c) Necessary for the safety of the works or any part thereof.

32 Care of works

From the commencement to the completion of the Works, the Contractor shall take full responsibility for the care thereof and of all temporary works, and in the event that any damage, loss or injury should happen to the Works or to any part thereof or to any temporary works from any cause whatsoever (save and except the "expected risk(s)" as defined in clause 33 hereof), the Contractor shall at his own cost repair and make good the same so that at completion, the works shall be in good order and condition and in conformity in every respect with the requirements of the contract and the Divisional Engineer's instructions. The Contractor shall also be liable for any damage to the Works occasioned by him in the course of any operations carried out by him for the purpose of complying with his obligations under Clause 50 hereof. The Contractor shall be fully responsible for the review of the Engineering design and details of the works and shall inform the PAA of any mistakes or incorrectness in such design and details which would affect the works.

33 Expected Risk

The "Expected Risk" are hostilities (where war be declared or not) invasion, act of foreign enemies, rebellion revolution insurrection or military or usurped power civil war or (otherwise than among the Contractor's own employees) riot, commotion or disorder or use by occupation by the PAA of any portion of the Works in respect of which a certificate of completion has been issued or any such operation of the forces of nature as reasonable foresight and ability on the part of the Contractor could not foresee or reasonably provide against (all of which are herein collectively referred as "the expected risk").





For PAA

For Contractor

34 Damage to persons and property.

The Contractor shall (except if and so far as the Contract provides otherwise) indemnify and keep indemnified the PAA and its Employees from and against all suits, claims, demands, proceedings, and liability of any nature or kind, including costs and expenses, for injuries or damages to any person or any property whatsoever which may arise out of or in consequence of acts or omissions of the Contractor or its agents, employees, servants or subcontractors in the execution of the Contract.

35 Accident or injury to Workmen

The PAA shall not be liable for or in respect of any damages or compensation payable at law in respect of or in consequence of any accident or injury to any workman or other persons in the employment of the Contractor or any sub-contractor. The Contractor shall indemnify and keep indemnified the PAA against all such damages, compensation and against all claims, demands, proceedings, cost charges and expenses whatsoever in respect thereof or in relation thereto.

36 Insurance

The Contractor shall obtain and keep in force policies in respect of Erection All Risks, Contractor's All Risks and Workmen's Compensation act, which shall apply specifically and solely to the Contractor and shall fulfil all Contractor's obligations for Insurance in connection with this Contract from an Insurance Company in Pakistan having at latest AA rating from PACRA /ICR-VIS.

37 Compliance with Statutes, Regulations etc.

The Contractor shall conform in all respects with any such Statutes, Ordinances, Laws, Regulations, Bye-laws or requirements of any such local or other authority / authorities which may be applicable to the Works or to any Temporary Works and shall keep the PAA indemnified against all penalties and liability of every kind for breach of any such Statutes, Ordinances, Laws, Regulations, Bye-laws or requirements.

38 Fossils etc.

All fossils, coins, article of value or antiquity and structures and other remains or things of geological or archaeological interest discovered on the site of the Works shall as between the PAA and the Contractor be deemed to be the absolute property of the PAA and the Contractor shall take reasonable precautions to prevent his workmen or any other persons from removing or damaging any such article or thing and shall immediately upon discovery thereof and before removal acquaint the PAA of such discovery.

39 Variation

The Divisional Engineer may introduce any variations in the form, quality or quantity of the work or any part thereof which he considers necessary and for that purpose or if for any other reasons it shall, in his opinion be desirable, he shall have power to order the Contractor to do and the Contractor shall do any of the following:

- a) increase or decrease the quantity of any work included in the Contract;
- b) omit any such work;
- c) change the character or quality or kind of any such work;



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- d) change the levels, lines position and dimension of any part of the Works; and
e) execute additional work of any kind necessary for the completion of the works.

and no such variation shall in any way vitiate or invalidate the Contract nor it will entitle the Contractor of any claims for compensation whatsoever, but the value (if any) of all such variations shall be taken into account in ascertaining the amount of the Contract Price.

**40 Order for
variation to be in
writing**

No variation shall be made by the Contractor without an order in writing from the Divisional Engineer. Provided that, subject to the provisions of the Contract, no order in writing shall be required for any increase or decrease in the quantity of any work where such increase or decrease is not the result of an order given under this Clause but is the result of the quantities exceeding or being less than those stated in the Bill of Quantities. If for any reason, Divisional Engineer considers it desirable to give any such order verbally, the Contractor shall comply with such order but shall get it confirmed in writing from the Divisional Engineer within four days of the issue of such verbal order.

**41 Valuation of
Variation**

41.1 The Divisional Engineer shall determine the amount (if any) to be added to or deducted from Contract Price in respect of any variation, addition, or omission made by his order. The valuation of any variation, addition or omission shall be calculated on the basis of the unit prices contained in the Bill of Quantities if in the opinion of the Divisional Engineer the same shall be applicable; if not then on the market rates.

41.2 No deviation from specifications stipulated in the Contract or additional items of work shall be carried out by the Contractor unless the rates of the substituted, extra, altered or additional item have been approved in writing by the competent authority failing which the PAA will not be bound to entertain any claim on this account.

42 Quantities

The quantities set out in the Bill of Quantities are the estimated quantities of the work but they are not to be taken as the actual and correct quantities of the works to be executed by the Contractor in fulfillment of his obligation under the Contract.

**43 Work to be
Measured**

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



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measurement of the work. The purpose of measuring is to ascertain the volume of work executed by the Contractor and therefore determine the amount of the monthly payments.

44 Method of Measurement

The works shall be measured, notwithstanding any general or local custom except where otherwise specifically described or prescribed in the Contract.

45 Clearance of Site on Completion

On the completion of the Works, the Contractor at his own cost shall clear away and remove from the Site all Constructional plant, surplus materials, rubbish and Temporary Works of every kind and leave the whole of the Site and works clean and in a workman-like condition to the satisfaction of the Divisional Engineer, rubbish should be disposed of in the manner as directed by the Divisional Engineer or his representative.

46 Certificates for Completion of Works

46.1 When the whole of the Works have been substantially completed and have satisfactorily passed any test on completion as prescribed by the Contract, the Contractor may give a notice to that effect to the Divisional Engineer accompanied by an undertaking to finish any outstanding work during the Period of Maintenance. Such notice and undertaking shall be in writing and shall be deemed to be a request by the Contractor, for the Divisional Engineer to issue a Certificate of Substantial Completion in respect of the Works. The Divisional Engineer shall, within twenty-one (21) days of the date of delivery of such notice either issue to the Contractor a Certificate of Substantial Completion stating the date on which, in his opinion, the Works were substantially completed in accordance with the Contract or give instructions in writing to the Contractor specifying all the work which, in his opinion, are required to be done by the Contractor before the issuance of such Certificate. The Divisional Engineer shall also notify the Contractor of any defects in the Works affecting substantial completion that may appear after such instructions and before completion of the work specified therein. The Contractor shall be entitled to receive such Certificate of Substantial Completion within twenty-one (21) days of completion, to the satisfaction of the Divisional Engineer, of the work so specified and making good any defect so notified. Upon issuance of the Certificate of Substantial Completion of the Works, the Contractor shall be deemed to have undertaken to complete with due expedition any outstanding work during the Period of Maintenance.

46.2 Upon satisfactory completion of the work outstanding on the Works, the Divisional Engineer shall within twenty-eight (28) days of the expiration of the Period of Maintenance issue a Certificate of Final Completion to the Contractor. The Contract shall be deemed to be completed upon issuance of such Certificate, provided that the provisions of the Contract which remain unperformed shall remain in force for as long as is necessary to dispose of any outstanding matters or issues between the Parties.



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Period of
Maintenance

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The "Period of Maintenance" shall be of one-hundred eighty (180) days duration unless otherwise specified in the Special Conditions of the Contract, calculated from the date of completion of the Works stated in the Certificate of Substantial Completion issued by the Divisional Engineer in accordance with the Clause 46 hereof or, in respect of any Section or part of the Works for which a separate Certificate of Substantial Completion has been issued, from the date of completion of that Section or part as stated in the relevant Certificate. The expression "the Works" shall, in respect of the "Period of Maintenance", be construed accordingly.

**48 Completion of
Outstanding
Works and
Remedying
Defects etc.**

During the Period of Maintenance, the Contractor shall finish the work, if any, outstanding at the date of the Certificate of Substantial Completion, and shall execute all such work of repair, amendment, reconstruction, rectification and making good defects, imperfections, shrinkages or other faults as may be required of the Contractor in writing by the Divisional Engineer during the Period of Maintenance and within fourteen (14) days after its expiration, as a result of an inspection made by or on behalf of the Divisional Engineer prior to expiration of the Period of Maintenance. To the intent that the works shall as soon as practicable after the expiry of the Period of Maintenance be delivered to the PAA in as good and perfect condition (fair wear and accepted tear) to the satisfaction of the Divisional Engineer as that in which they were at the commencement of the Period of Maintenance. All such outstanding work shall be carried out by the Contractor at his own expense if the necessity thereof shall, in the opinion of the Divisional Engineer, be due to the use of material or workmanship not in accordance with the Contract, or to neglect or failure on the part of the Contractor to comply with any obligation expressed or implied, on the Contractor's part under the Contract. In case the Contractor fails to comply with the requirements of the notice within ten days from its issue, the Divisional Engineer shall have the power to have the works completed through any other agency at the risk and cost of the Contractor.

**49 Refund of Security
Deposits**

The Security Deposit shall not be refunded prior to six months after the completion of the whole work, unless and until a certificate is issued by the Divisional Engineer for successful and satisfactory passing of the Period of Maintenance with no other liability on the Contractor.

**50 Contractor's
Liability for
Damage done**

If the Contractor or his workmen or servants shall break, deface, injure or destroy any part of a building, in which they may be working or any building, road, road kerbs, runway, taxiway, apron, culverts, ducts, fence enclosure, water pipes, cables, drains, electric or telephone or wire poles, trees, grass or grassland or cultivated ground contiguous to the premises on which the work or any part of it is being executed, or if any damage shall happen to the work, while in progress from any cause whatsoever, or any imperfections become apparent in it within three (03) months after a certificate, final or otherwise of its completion shall have been given by the Divisional Engineer as aforesaid, the Contractor shall make the same good at his own expense, or in default, the Divisional Engineer may cause the same to be made good by other workmen, and deduct the expense (of



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which the certificate of the Divisional Engineer shall be final) from any sums that may then, or at any time thereafter may become, due to the Contractor, or from his security deposit or the proceeds of the sale thereof, or a sufficient portion thereof.

**51 Assignment &
Sub-Letting**

The Contractor shall not assign or sublet the Contract or any part thereof or any benefit or interest thereon or there under without the prior written consent of PAA. In case of failure, the Divisional Engineer shall by giving Notice in writing rescind the Contract and have the Works executed at the risk and cost of the Contractor.

**52 Stores to be
supplied by PAA**

If the specification or estimate of the work provides for the use of any special description of materials to be supplied by PAA or if it is required that the Contractor shall use certain stores to be provided by the PAA (such materials and stores, and the prices to be charged therefore as hereinafter mentioned being so far as practicable for the convenience of the Contractor, but not so as in any way to control the meaning or effect of this Contract, specified in the schedule of memorandum hereto annexed). The Contractor shall be supplied with such materials and stores required from time to time to be used by him for the purpose of the Contract only, and the value of the full quantity of materials and stores so supplied at the rates specified in the said schedule or memorandum may be set off or deducted from any sums then due, or thereafter to become due to the Contractor under the contract or otherwise or against or from the security deposit, or the proceeds of sale thereof. All materials supplied to the Contractor shall remain the absolute property of PAA and shall not on any account be removed from the Site of the work and shall at all times be open to inspection by Divisional Engineer. Any such material unused and in perfectly good condition at the time of the completion or termination of the Contract shall be returned to PAA; but the contractor shall not be entitled to return any such materials unless with such consent, and shall have no claim for compensation on account of any such materials so supplied to him, as aforesaid being unused by him, or for any wastage in or damage to any such materials.

**53 Bills to be
submitted monthly**

A bill shall be submitted by the Contractor each month on or before the date fixed by the Divisional Engineer for all works executed in the previous month and the Divisional Engineer shall take or cause to be taken the requisite measurement for purposes of having the same verified, and the claim, as far as admissible, adjusted, if possible, before the expiry of ten days from the presentation of the bill. If the Contractor does not submit the bill within the time fixed as aforesaid, the Divisional Engineer may prepare a bill which shall be binding on the Contractor in all respects.

**54 Completion
drawings**

The completion report of the work along with drawings on prescribed proforma shall be submitted by the Contractor in five copies along with the final bill. In case of failure to submit the completion report and completion drawings by the Contractor on the basis of which the work has been finally completed, the final bill shall be withheld till the submission. The completion report and drawings should be complete in all respects.



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Works relating to maintenance do not come under the preview of this clause.

55 Final Bills

The final bill shall be submitted by the Contractor within one month from the date of completion of the Works otherwise the Divisional Engineer's certificate of the measurement and of the total amount payable for the work accordingly shall be final and binding on all parties, and will not be called in to question by anyone.

56 Urgent repair

If by reason of any accident or failure or other event occurring to or in connection with the Works or any part thereof during the execution of the Works or during the Period of Maintenance any remedial or other work on repair shall in the opinion of the Divisional Engineer or his representative be urgently necessary and the Contractor is unable or unwilling at once to do such work or repair, the Divisional Engineer may by his own or other workmen do such work or repair as the Divisional Engineer or his representative may consider necessary. If the work or repair so done by the Divisional Engineer is work which in the opinion of PAA the Contractor was liable to do at its own expense, under the Contract, then all costs and charges properly incurred by the PAA, in so doing shall on demand be paid by the Contractor to the PAA or may be deducted by PAA from any monies due or which may become due to the Contractor. Provided always that the Divisional Engineer shall as soon as after the occurrence of any such emergency as may be reasonably practicable notify the Contractor thereof in writing.

57 Bribes,
Commission etc.

Any bribe, commission gift or advantage given promised or offered by or on behalf of the Contractor or his partner, agent, or servant in relation to obtaining or to the execution of this or any other Contract with PAA, or given, promised, or offered by, or on behalf of, the Contractor, or his partner, agent, or servant, to any officer or person in the service or employment of PAA, who shall be in any way connected with the obtaining or the execution of this or any other Contract, shall in addition to any criminal liability, which he may incur subjects the Contractor to cancellation of this Contract, and also to payment of any loss resulting from any such cancellation. Any question or dispute to the commission of any offence under this Clause shall be settled by the PAA, in such manner as it deems fit and sufficient and its decision shall be final and conclusive.

58 Law governing the
contract

This Contract shall be governed by and construed in accordance with the laws of the Islamic Republic of Pakistan, and the obligations, rights and remedies of the parties hereunder shall be determined in accordance with such laws. Resort to litigation by either of the parties in respect of any disputes should be had only before a court of appropriate and competent jurisdiction.

59 Increase or
Decrease of Cost.

59.1 The Contractor is deemed to have quoted rates given in the Contract (Bill of Quantities) based on the prices of certain specified materials

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prevailing in the month during which the last day of the submission of Bid fell.

59.2 No price adjustment shall be allowed under this clause except in respect of the materials specified in Appendix-A to Bidding Document which have actually been incorporated in the Permanent Works during the corresponding period of increase or decrease.

59.3 Adjustment shall be allowed for the specified materials according to the method prescribed in the Appendix-A to Bidding Document.

59.4 All claims for additional payments under this Clause shall be lodged by the Contractor with the Divisional Engineer within such reasonable time from the date of occurrence of the event which, according to the Contractor, entitles him to such additional payments by PAA, but in case after the expiry of twenty-eight (28) days thereof, such claims shall invariably be supported with all relevant necessary details and particulars required for proper verification thereof and the Divisional Engineer shall be entitled to require the Contractor to provide such further details / information as may be required for due and effective verification of such claims.

59.5 The Divisional Engineer shall verify and certify for payment, if any, claims lodged by the Contractor under this Clause within a period not exceeding twenty-eight (28) days from the date by which the same are submitted by the Contractor as aforesaid.

59.6 In case the PAA is entitled to recover from the Contractor any sum or sums under this Clause arising from any decrease in the said prices for materials, the provisions of this Clause shall apply mutatis mutandis to such recoveries by the PAA.

59.7 If the Contractor fails to complete the works within the time for completion, adjustment of prices therefore under the date of completion of the works shall be made using either the indices or prices, whichever are more favourable to the PAA, provided that if extension of time is granted the above provision shall apply only to adjustments made up to the expiry of such extension of time.

59.8 No escalation shall be allowed to the Contractor in respect of the period extended for the completion of the work due to his own fault.

60 Water Supply/ Power Supply etc.

The Contractor should make his own arrangement for water and power supply required for execution of work and nothing will be paid for the same, by the PAA. Provided that in case water supply is allowed by the PAA to the Contractor from water mains passing through areas where the work is required to be carried out, the Contractor shall pay the cost of water to the department at one-half (1/2) per cent of the total cost of work for drinking purpose and one (01) per cent of the total cost of the items of work involving use of water (that is for constructional purposes). The Contractor shall bear full charges for laying its water lines of all length and size / dimensions from the mains to the site of his underground tanks as he may require and construct for storage purposes at its own cost.



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Abandonment of
work by PAA.

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PAA shall have the power to abandon any work whether in progress or otherwise and in such an event, the Contractor shall have no claim for any compensation of any kind whatsoever from PAA except the actual cost of the work executed at the Site under the Contract for which the contract requires payment to be made.

62 Materials obtained
from excavation &
dismantling.

All materials (e.g. stone and other materials) obtained in the work of dismantling, excavation etc., will be considered PAA property and may be issued to Contractor (if they require the same for their own use) at rates approved by the Divisional Engineer. If these materials are not required by them, they will be disposed of as found fit by the PAA.

63 Danger Signs to be
provided by
Contractor

Lights for illumination, danger signs for warning, and information / cautionary signs in approved colours and sizes shall be provided by the Contractor wherever required at his own cost on the barriers as directed by the Divisional Engineer.



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SPECIAL CONDITIONS OF CONTRACT

6 Possession of Site

(Substitute the clause 6 with following text)

- 6.1 The Divisional Engineer shall, together with the written order to commence the Works, grant the Contractor possession of such portions of the Site as are necessary to enable the Contractor to commence and carry out the Works in accordance with the programme referred to in Clause 10, subject to any sequencing or phasing requirements prescribed in the Contract.
- 6.2 Thereafter, and from time to time as the Works progress, the Divisional Engineer shall grant possession of further portions of the Site, as required for execution of the Works with due dispatch, provided such possession aligns with the Contractor's reasonable proposals as approved by the Divisional Engineer.
- 6.3 The Contractor shall submit any such proposals for staging of site possession in writing to the Divisional Engineer for review and approval, and no right to possession shall arise unless and until expressly granted by the Divisional Engineer.
- 6.4 PAA shall not be liable for any delay or claim arising from staged or partial possession of the Site, provided such staging is consistent with the Contract or approved programme.

10 Programme to be furnished

(For works with a contract price exceeding the financial limit prescribed for PEC Constructor Registration Category C-3, as revised from time to time, Clause 10 shall be substituted with the following text)

- 10.1 The Contractor shall, within fifteen (15) days of receiving the Letter of Acceptance, submit a detailed Programme of Works to the Divisional Engineer for approval. The Programme shall include all activities, including mobilization, and clearly identify critical path items using a computerized Critical Path Method (CPM) format. The Programme shall be updated monthly, incorporating a chart of forecasted principal activities, an updated cash flow schedule for payments, and any revisions necessary to reflect actual progress. It shall serve as the baseline for assessing progress and determining Liquidated Damages under Clause 29. Monthly progress reports shall include an up-to-date analysis of actual versus planned progress, identification of current or emerging critical items, and the Contractor's proposed measures for mitigation.

18 Quality of Material, Workmanship and Tests

- 18.2 Expenditure on account of laboratory testing to ascertain suitability of materials and all other required tests etc. shall be borne by the Contractor.

24 Programme to be furnished

(For works with a contract price exceeding the financial limit prescribed for PEC Constructor Registration Category C-3, as revised from time to time, Clause 24 shall be substituted with the following text)

- 24.1 In the event of:

- the amount or nature of extra or additional work,
- exceptionally adverse climatic conditions,
- any delay, impediment or prevention by the PAA, or
- other special circumstances which may occur, other than through a default of or breach of contract by the Contractor for which he is responsible, being such as fairly to entitle



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the Contractor to an extension of the Time for Completion of the Works, or any Section or part thereof.

the Divisional Engineer shall, after due consultation with the Contractor, determine the amount of such extension and shall notify the Contractor accordingly. Provided that the Divisional Engineer is not bound to take into account any extra additional work or other special circumstances unless the Contractor has within fourteen (14) days after such work has been commenced or such circumstances have arisen, delivered to the representative of the Divisional Engineer full and detailed particulars of any claim for extension of time to which he may consider himself entitled in order that such claim may be investigated at the time.

25 Termination of Contract for slow progress

25.1 In the event of termination by the Divisional Engineer, the Contractor shall have the right to file an appeal before the Director General PAA, within seven (07) days from the receipt of such termination notice. The decision of the Director General PAA shall be final and binding.

29 Liquidated damages for delay

29.2 The amount of Liquidated Damages for each day of delay in completion of the whole of the Works, or if applicable for any Section thereof, shall be imposed at the rate of 0.05% of Contract Price as stated in Letter of Acceptance for each day of delay in completion of the Works. Provided that the amount of Liquidated Damages for delay shall not exceed ten (10) per cent of the Contract Price as stated in Letter of Acceptance in all cases.

29.3 In cases where liquidated damages have been imposed or have been proposed to be imposed, the amount to be retained in lieu of Security Deposit during the Maintenance Period shall be based on the cost of works executed, and not the reduced amount to be paid to the Contractor after imposition of liquidated damages.

29.4 Where a work has been delayed beyond the stipulated date of completion, the Contractor shall be required to extend the securities and insurances as per the revised dates at his own cost.

31 Suspension of Works

31.2 Partial / complete suspension in work is likely to take place during emergency operations and VIP movements etc. labour, equipment, and material, etc. shall be removed from the site of work during such suspension periods to a distance for essential security requirements. No compensation whatsoever on this account shall be claimed by the Contractor for those losses likely to occur. All such unforeseen disruptions during working hours may result in idleness of manpower and equipment and waste of material, etc. for which no compensation shall be paid to the Contractor.

31.3 No compensation is payable for interruption in the work due to any reason beyond the control of PAA.

32 Care of Works

32.2 The Construction materials should be stacked at a suitable place as per the direction of the Divisional Engineer or his representative.

32.3 The work shall be so arranged as not to cause any disturbance to the passengers / functionaries and other agencies working at the airport.

41 Valuation of Works

41.3 For works items described in the priced bill of quantities (BoQ), the valuation of works shall be made as per the evaluated rates provided in the corrected priced BoQ, and



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- 41.4 For work items not described in the priced bill of quantities (BoQ) but available in the Pak PWD Schedule of Rates (SoR), the valuation of works shall be made on pro rata basis, and
- 41.5 For work items neither described in the priced bill of quantities (BoQ) nor available in the Pak PWD Schedule of Rates (SoR), the valuation of works shall be made on the basis of actual cost (market rates) plus a lumpsum of twenty-five per cent (25%) as overheads and profit.

47 Period of Maintenance

- 47.2 Period of Maintenance or Defects Liability Period shall be of one-hundred eighty (180) days duration.

59 Increase or Decrease of Cost

- 59.9 The Price Adjustment shall be applicable only for the Contracts having stipulated completion period greater than eighteen months and contract price exceeding financial limit of PEC Constructor's Registration Category C-3 as amended from time to time. Contracts having stipulated completion period less than or equal to eighteen months and value equal to or less than the abovesaid limit will be considered as fixed price contracts.

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- 64.1 PAA shall release payment to the Contractor within fifty-six (56) calendar days from the date of certification of the Contractor's bill by the Divisional Engineer. Should payment be delayed beyond this period, a simple interest at the rate of zero-point zero five percent (0.05%) per annum shall accrue on the unpaid amount, calculated from the day immediately following the due date until the date of actual payment.

65 Settlement of Disputes

- 65.1 Any difference or dispute arising between the PAA and the Contractor regarding the interpretation, execution, or performance of any provision of this Contract shall be referred exclusively to the Director General PAA, whose decision shall be final, conclusive, and binding on both parties. The Contractor shall not initiate or pursue any legal proceedings or remedies in relation to such matters. This shall be without prejudice to the rights of the parties under the applicable laws.

66 Authenticity of Financial Instruments

- 66.1 Any financial instrument, submitted by the Contractor as Bid Security, and Performance Guarantee, if found fake or dishonoured by the issuing bank / financial institution at any pre- / post-contractual stage shall, in addition to any criminal liability, call for blacklisting of the Contractor.

67 Obligations of the Contractor

- 67.1 The Contractor, during the execution of works, shall be responsible for following the instructions and directions of the Divisional Engineer or his representative only.
- 67.2 The Contractor shall be responsible to provide and use quality construction material as per the specifications, and to the satisfaction of the Divisional Engineer.
- 67.3 The Contractor shall strictly adhere to all design requirements and technical specifications established by the Design Engineer and approved by PAA. The charges of which shall be borne by the Contractor, but the additional quantity of any materials used in executing the Works shall be paid as per Contractor's quoted rate.
- 67.4 The Contractor shall clean the existing rusty steel by approved means at his own cost and no compensation whatsoever shall be given to the Contractor.
- 67.5 The Contractor will be fully responsible to arrange security clearance of his workmen employed on the job in accordance with the rules requirements enforced at the time of



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execution and shall not be entitled for any compensation whatsoever on account of wastage of time and labour due to any reason.

67.6 The Contractor shall enclose the work / site area as per direction of the Divisional Engineer or his representative at his own cost. He will also ensure safety of workers as well as passenger(s) and airport staff during and after the work hours.

67.7 The Contractor shall submit a list of fittings, fixtures, equipment etc to be dismantled as approved by Engineer In Charge accordingly.

67.8 Generally, the works will be carried in accordance with Electrical Act 1910 read with Electricity Rules 1937 and any amendments thereto, Pak PWD Specifications for Electrical Works & latest editions of I.E.E rules of Building Equipment.

67.9 All wires & Cables to be used for executions of work will be copper conductors.

67.10 Damages done by the contractor during execution of work will be made good by the Contractor as per Engineering specifications and to the complete satisfaction of the Engineer In charge.

67.11 The contractor will perform all types of tests as directed by E&M Engineer In charge after / before executions of his work & will submit test reports in this regard if required.

67.12 Cost of samples of materials will not be claimed & test charges for all required tests as instructed by the E&M Engineer from Govt. or other authorities will be borne by the contractor without any extra claim of this effect.

67.13 The Contractor will submit warranty / guarantees & literature of the Air-Conditioning equipment, Electrical equipment or Mechanical equipment etc as desired by Engineer In charge.

67.14 The approved makes of materials, accessories & equipment are provided in Appendix-F. Works shall be executed subject to approval of samples from Engineer In charge.

67.15 Any equipment / items during execution / testing / commissioning & during maintenance period if burnt out / malfunctioning or broken will be replaced by the contractor without any extra cost.

68 Special provisions

68.1 The Contractor shall carry out and submit a geotechnical investigation report of the site, including confirmatory boreholes, through a reputable geotechnical firm, prior to commencement of the Works.

68.2 The Contractor shall get the structural drawings vetted by a Professional Structural Engineer/firm duly registered with the Pakistan Engineering Council (PEC) prior to execution of the Works, along with submission of a Structural Stability Certificate.

69. The contractor shall provide within 15 days from the signing of the contract agreement, the following vehicle of the 2020 or up model for the exclusive use of the Employer with driver and fuel for usage upto 600 kilometers including transportation of the vehicle all at the contractor's cost.

70. The contractor shall provide a suitable vehicle for the Employer's staff / work-charged staff at the project site for the duration of the works. The office shall be equipped with essential furniture, electricity, lighting, drinking water and sanitation facilities, all at the contractor's cost.

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Engineer's staff / work-charged staff at the project site for the duration of the works. The office shall be equipped with essential furniture, electricity, lighting, drinking water and sanitation facilities, all at the contractor's cost.

Note: The items mentioned at Sr. No. 69 & 70 shall remain the property of contractor upon completion of works.



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Appendix - A

SCHEDULE OF BASIC PRICES OF SPECIFIED MATERIALS**A) Basic Price Materials (To be filled by the Bidder)**

We confirm herewith that the following prices were prevalent in the month during which the last day of the submission of bidder fell and have been taken as a basis for quoting the prices given in our Bidder.

Adjustment of increase / decrease in price shall only be admissible for the materials listed herein under:

S.No.	Materials	Unit	Basic Price Ex-Factory/Works	Remarks
1.	Cement	3 Bag (50 Kg)	4	5 The basis of the rate is the Monthly Statistical Bulletin issued by the Pakistan Bureau of Statistics.
	i) Ordinary Portland Cement ii) Sulphate Resisting Cement			
2.	Steel i) Reinforcement Bars ii) M.S. Sections	Kg		-- do --
3.	Bitumen	Tonne (1000kg)		-- do --
	i) Grade 60/70 ii) Grade 80/100 iii) Cutback Bitumen a) Medium Curing b) Rapid Curing			The basis of the rate is the Monthly Statistical Bulletin issued by the Pakistan Bureau of Statistics. If not available then basis would be National Refinery, Attock Refinery or from an approved equivalent source. -- do -- -- do -- -- do -- -- do --

UNDER LANDSIDE

NATIONAL ENGINEERING SUPPLY

Contract, the increase or decrease of such cost shall be adjusted in the Contract Price accordingly. The actual payments shall be made on the basis of quantities actually measured and certified for payment. Any fluctuation in the prices of materials other than the Specified Materials shall not be subject to adjustment of the Contract Price.

(2) The Bidders shall submit satisfactory documentary evidence in support of the rates and prices filled up in this Appendix.

We agree that price variation in the above listed basic prices during the currency of the Contract will be adjusted only to the extent as stipulated under the Conditions of Contract.

Authorized Signatures _____

Name _____

Designation _____

For PAA

A-1

For Contractor





For Contractor

Appendix - B

MATERIALS TO BE PROVIDED BY PAA

Schedule showing (approximately) materials to be supplied by the PAA under Clause 52 of the General Conditions of the Contract or for work contracted to be executed and the rates at which they are to be charged for

Particulars	Rate at which the material shall be charged to the Contractor		Place of Delivery
	Unit	Rs.	

[Handwritten signature]

DIVISIONAL ENGINEER LANDSIDE
Islamabad - Civil Engineering Airport
Pakistan Airports Authority

Note: The person or firm submitting the Bid should see that the rates in the above schedule are filled up by the Divisional Engineer on the issue of the form prior to the submission of the Bid.



For Contractor

A-2



For PAA

For Contractor

Map

Appendix - C

PERFORMANCE BOND GUARANTEE

Guarantee No:
Date of Issue:
Amount of Guarantee:
Date of expiry:

By this Bond We (hereinafter called "THE SURETY"), (I) do hereby bind ourselves and our successors and assign jointly and severally by these presents to pay to the PAKISTAN AIRPORTS AUTHORITY, KARACHI (hereinafter referred to as the PAA which term shall include its successors in office and assigns) unconditionally on demand and without further question, the sum of Rs. (Rupees) sealed with our respective seal and dated this

WHEREAS, M/s. (hereinafter referred to as "THE CONTRACTOR") by an agreement made between the PAA of the one part and the Contractor of the part have entered into a Contract hereinafter called "Said Contract" for the Construction, completion and maintenance of as therein mentioned in conformity with the provisions of the said contract and the sum mentioned in the above written Bond represent the amount of Performance Bond to be furnished by the Contractor for due fulfillment of obligations under the said Contract.

NOW THE CONDITION OF the above written Bond is such that if the Contractor shall duly perform & observe all the terms, provisions, conditions & stipulations of the said contract on the Contractor's part to be performed & observed according to the true purpose, intent & meaning hereof as determined by the PAA who shall be the sole judge in the matter, or if on default by the Contractor for which the PAA shall be sole judge the Sureties/Surety shall pay the amount of this Bond to PAA without reference to the Contract, then this obligation shall be null and void but otherwise shall be and remain in full force and effect but no alteration in terms of the said Contract made by agreement, between the PAA and the Contractor or in the text or nature of the works to be constructed, completed and maintained thereunder and no allowance of time by PAA under the said Contract nor any forbearance or forgiveness in or in respect of any matter or thing concerning the said Contract on the part of the PAA shall in any way release the Sureties/Surety from any liability under the above written Bond.

AND WE agree that this Bond shall be irrevocable and the Guarantee hereby given shall be valid up to and that a Certificate signed by the Director Engineering Services / Additional Director, stating that the Bond has become due will be sufficient proof of its forfeiture and we shall pay the amount so demanded without, any further proof of any kind and that the payment shall be made by us forthwith on the receipt of the Certificate of the Director Engineering Services / Additional Director as aforesaid.

Notwithstanding anything contained hereinabove, the Bank's liability under this Guarantee shall in no event exceed the sum of Rs (Rupees) and this guarantee shall remain valid up to where after the Bank shall be completely discharged and released from all its liabilities hereunder unless a claim is received before the aforesaid expiry date.

Signed, sealed and delivered by the said in the presences of:

For and on behalf of
M/s

For and on behalf of

CONTRACTOR

SURETY

WITNESSES:

1. Signature, Name, CNIC, Address.

2. Signature, Name, CNIC, Address.

For PAA

A-3

For Contractor



Page 002 of 06



For Contractor

Appendix - D

MOBILIZATION ADVANCE GUARANTEE

(Bank Guarantee)

Guarantee No. _____ Date _____

WHEREAS the Pakistan Airports Authority (hereinafter called PAA) has entered into a Contract for (Particulars of Contract), with Contractor "M/s _____" (hereinafter called the "Contractor").

AND WHEREAS, PAA has agreed to advance to the Contractor, at the Contractor's request an amount of Rupees _____ (Rs. _____), which amount shall be advanced to the Contractor as per provisions of this Contract.

AND WHEREAS, PAA has asked the Contractor to furnish Guarantee to secure the advance payment for the performance of his obligations under the said Contract.

AND WHEREAS, _____ (Scheduled Bank) (hereinafter called the "Guarantor") at the request of the Contractor and in consideration of the PAA agreeing to make the above advance to the Contractor, has agreed to furnish the said Guarantee.

NOW, THEREFORE, the Guarantor hereby guarantees that the Contractor shall use the advance for the purpose of above-mentioned Contract and if he fails and commits default in fulfillment of any of his obligations for which the advance payment is made, the Guarantor shall be liable to PAA for payment not exceeding the aforementioned amount.

Notice in writing of any default, of which the PAA shall be the sole and final judge, on the part of the Contractor, shall be given by the PAA to the Guarantor, and on such first written demand payment shall be made by the Guarantor forthwith of all sums then due under this Guarantee as determined by the PAA without any reference to the Contractor and without any objection.

This Guarantee shall remain in force until the advance is fully adjusted against payments from the interim Payment Bills of the Contractor or until (Date) _____ which ever is earlier.

The Guarantor's liability under, this Guarantee shall not in any case exceed the sum of Rupees _____ (Rs. _____).

This Guarantee which is unconditional and irrevocable, shall remain valid up to the aforesaid date and shall be null and void after the aforesaid date or earlier if the advance made to the Contractor is fully adjusted against payments from interim Payment Bills of the Contractor provided that the Guarantor agrees that the aforesaid period of validity shall be deemed to be extended if on the above mentioned date the advance payment is not fully adjusted as payments from interim Payment Bills of the Contractor.

GUARANTOR

For _____
(Bank Limited)
1. Signature _____
2. Name _____
3. Title _____



For Contractor

A-4



For PAA

For Contractor

Appendix - E

LIST OF BANKS

Following is the list of approved schedule banks (financial institutions) acceptable to PAA for obtaining Bank Guarantee(s):

Public Sector

- 1) National Bank of Pakistan
- 2) Sindh Bank Limited
- 3) The Bank of Punjab
- Private Sector**
- 4) Allied Bank Limited
- 5) Askari Bank Limited
- 6) Bank Al Habib Ltd.
- 7) Faysal Bank Ltd.
- 8) Habib Bank Ltd.
- 9) Habib Metropolitan Bank Ltd.
- 10) JS Bank Ltd.
- 11) MCB Bank Ltd
- 12) Samba Bank Ltd.
- 13) Soneri Bank Ltd.
- 14) Standard Chartered Bank Ltd.
- 15) United Bank Ltd.
- 16) Industrial and Commercial Bank of China Ltd.

Islamic Banks

- 17) Al Baraka Bank (Pakistan) Limited
- 18) BankIslami Pakistan Limited
- 19) Dubai Islamic Bank (Pakistan) Limited
- 20) Meezan Bank Limited



For PAA

A-5

For Contractor



For PAA

For Contractor

Appendix - F

LIST OF APPROVED MANUFACTURERS / SOURCES

This list of recommended manufactures / suppliers of different materials / equipment with brand names have been provided in order to establish a standard level of performance. The Contractor is supposed to provide and fix the materials / equipment of acceptable quality from the list or equivalent as approved by the Engineer. Whereas the preference of brand and model will be decided by the Engineer. Material from approved list shall stand rejected, if it fails in any of the specified tests or quality standards.

Sr. No.	Description	Manufacturer/Supplier/Source
Civil Works		
1	Cement (OPC, SR)	Lucky, Pioneer, Maple Leaf, Fauji, Askari, Power, Cherat, DG Khan, Dewan
2	Cement (White)	Kohat, Maple Leaf, Zealpak
3	Construction Chemicals & Sealants	Sika, Fosroc, BASF, Ultra, Fastchem, Vertex, MAPEI, KALON, Mitchell
4	Anchoring / Fixing Systems	Strong hold, Strong force, Hilti, Fischer
5	Sand	Bholari or from any other approved source as per Mix Design.
7	Aggregate	From approved source.
8	Steel Reinforcement	Anireli, FF Steel, AFCO, Ittefaq, Fazal, PECCO, Razzaque, Metropolitan, Mughal, Pak Steel, Model Steel, Nizami Brothers, Moiz Steel, Poiner, Tayyaba Steel or approved equivalent.
9	Bitumen (Cold)	National Refinery, Attock Petroleum, PARCO
10	Bricks/Blocks	Local (Brand / source to be approved by the Engineer)
11	Ceramic Tiles	Shabbir, Master, Time Ceramic, National, or equivalent imported
12	Vinyl Tiles	Decora, Marflex, A.T.S. Synthetic
13	Wooden Flooring	Sarina, Firstfloor or equivalent
14	Textured Decorative Wall Coating	Rockwall, Wall Tec, Rock Shield, Sand Tec, Graffito, Jotun
15	Aluminium Doors / Windows	ALCOP, Pakistan Cables, Chawla, Prime, Ittehad Aluminium, Thermec, Eng: Co, Alhali Aluminium Co (Pvt) Ltd, Knudson, Lucky or equivalent
16	Aluminium Composite Panel	ALCOP, Chawla, Pakistan Safety Glass (Alucobond), AKB (EuroBond – Exterior, & DuBond – Interior)
17	Paint	ICI (Dulux, Pantex), Berger Robbialac, Brighto, Master, Kansai (Japan), Nippon, Jotun, Diamond, Buxly, Pakistan Phthalates Limited (Kalon Chemicals Company) or equivalent.
18	Powder Coating	Jotun or approved equivalent
19	Concrete Pavers	Tuff Tiles, Izhar, Envicrete, National Pavers, Banu Mukhtar, Magnacrete or equivalent
20	Insulation	Diamond (Jumbolon), Pakistan Insulations, Safe line, Insugreen

For PAA

A-6

For Contractor





For PAA

For Contractor

Sr. No.	Description	Manufacturer/Supplier/Source
21	Membranes for Roof and Basement walls	Polytec (Henkel Polybit), Hygrip, Roof Grip, A.T.S. Synthetic, Petro Seal, Bitumat (Saudi Arabia), Pakistan Phthalates Limited (Kalon Chemicals Company), Sika Raingard
22	uPVC Doors / Windows	Framez, Uniwin, Nasar Steel, U-Tech, Green Door, V-Make, Chawla
23	Steel Doors and windows	SECCO or any other approved equivalent
24	Termite Proofing	Agenda (Termidor), Biflex, Fiprokil, Mirage, Termiteure, Ability
25	Terrazzo Tiles	As approved by Engineer
27	Pre-Engineered Steel Buildings	Zamil, Mammut, Mabani, Kirby, Banu Mukhtar, Izhar, SACHAL
28	Gypsum False Ceiling	Elephant, Lodhia (Arish), DFB, United
29	Glass	Pakistant Safety Glass, Ghani, Al-Fattah, Khawaja, Nowshera Prince or equivalent.
30	Door hardware	Kolf, Sitara Hardware, Jb Saesed, IM Hardware (Yale), Alpha Khas, Babur, or approved equivalent.
32	SS Railing	Dah Shi (Taiwan) or equivalent
33	Medium Density Fibreboard	Al-Noor, ZRK, Nuboard or equivalent.
34	High Density Fibreboard	Patex, Sonitex or equivalent
35	Plywood	Patex, Marineplex or equivalent.
PUBLIC HEALTH WORKS		
1	Sanitary Ware (WC Indian, WC European, Basin / Vanity, Urinal, Flushing Cistern)	Porta, Marachi, Master, ICL, Finecera, Karam, Cera and 3 Star or equivalent.
2	Bottle trap	Porta, Master, Faisal, Sonex, Asia and Super Asia or equivalent.
3	Bath / Kit. Fittings	Porta, Master, Faisal, Sonex or equivalent.
4	PPR-C Pipes & Fitting	Dadex, Beta, Master, Plasco, Turk Plast, Popular Pipe, Aceufit, Minhas, Dura Built, ILL, Bultec, Euro Gulf, YAH Plastic Industry, Pelikan Pipe Industry (Civic)
5	uPVC Pipes & Fittings	Dadex, Shavyl, Galco, Beta, Turk Plast, Jamal, Fast Flow, Plasco, Popular Pipe, Master, Aceufit, Dura Built, Bultec, Euro Gulf, YAH Plastic Industry, Newtech, Pelikan Pipe Industry (Civic), Prime Star Industries or approved equivalent.
6	RCC Pipe	Shalimar, Pakistan Pipes, National Pipe Industry
7	G.I. Pipes	International Industries Ltd. (IIL), Master Pipe, Jamal, Victory, Steelec or equivalent
8	C.I. Pipes	C.I. Engineering / Corp: Teepee, Alpine, NPC and CME or equivalent.
9	Gate / Sluice Valves	KITZ (Star Corporation), Teepee, Anwer, Asia, Rehman Group, Sirajia Trading co.

For PAA

A-7

For Contractor





For PAA

For Contractor

Str. No.	Description	Manufacturer/Supplier/Source
10	G.I. Fittings	KITZ (Star Corporation), Health Engineering (HE)
11	C.I. Fittings & Valves	Teepu, Alpine, Sirajia Trading co.
12	C.I. Manhole Cover	CME, Teepu, Alpine, Turk Plast
17	MS Seamless Pipe	Huffaz Industries, Jamal, KITZ, Sirajia Trading co., Master Pipes, Victory
18	PVC Water Stop	Fosroc, Sika, Decora, Marflex
19	HDPE pipe and Fittings	Dadex, Jamal, Plasco, Turk Plast, Beta, Popular Pipe, Accufit, IIL, DURA BUILT, Builtec, Fast Flow, YAH Plastic Industry, Newtech, Pelikan Pipe Industry (Pelikan), Prime Star Industries
21	Water Tank	Master, Super Tuff, Dura, Accufit, Prime Master
22	Kitchen Sink	Porta, Atlas, Asia or approved equivalent
ELECTRICAL & MECHANICAL WORKS		
1	Wires and Cables	Pakistan Cables, Fast, AGE, Newage, GM
2	Air Switch Breaker, Load brake switches, MCCB and MCB etc.	Terasaki Japan, Siemens, ABB, MG, Hager, Schneider Electric
3	Switches and Sockets	Schneider, Philips
4	Down Light/ Batten Lights	Sunlight, Pierlite, Future Technology, Orient
5	Flood Lights	Philips/ Signify, Osram, GE, Thorn
6	Fans	Pak, Royal, SK, Super Asia,
7	Ceiling/Exhaust/Bracket UPS	Huawei, Homage, Inverex, Goodwee, Crown, Fronius, APC
8	Tubular batteries	AGS, Phoenix, Osaka, Exide, Volta
9	AC Units	Gree, Haier, Orient, Green Air, Dawlance, PEL, Kenwood
10	Air Curtains	Gree, Haier, Orient, Green Air, Dawlance, PEL, Kenwood or Equivalent
11	PVC Conduits and Pipes	Polupar, Galco, Sheval, Adamjee, GM, Dadex
12	PVC Cable Trunk	Adamjee, Jeddah or equivalent
13	Termination Kit / Straight Jointing Kit	Raychem (Germany), 3M (USA), Elastimod (Egypt)
14	LV main distribution panel	Siemens, PEL, FICO, Schneider Electric, ABB, Sunbeams, Engineers & Engineering, Libra, Hussein & Co., BLS



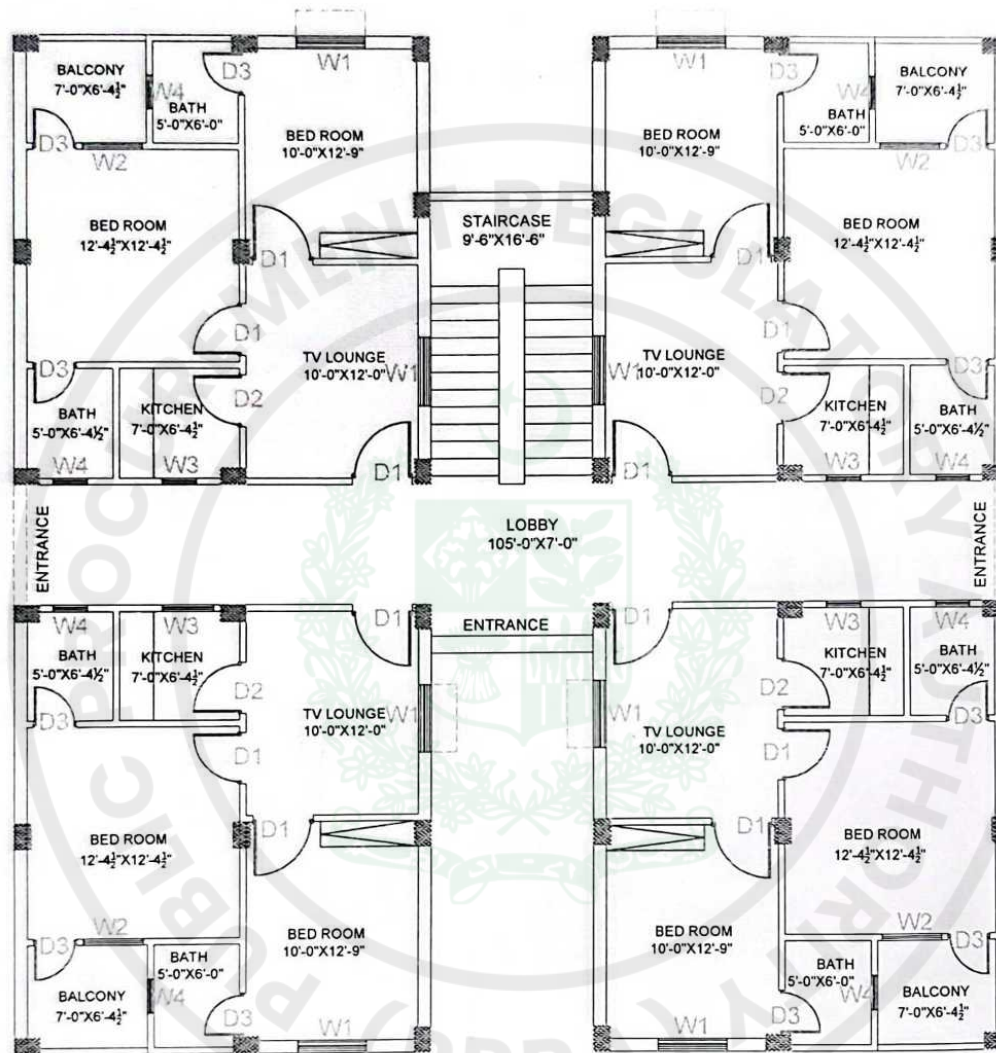
For PAA

A-8

For Contractor

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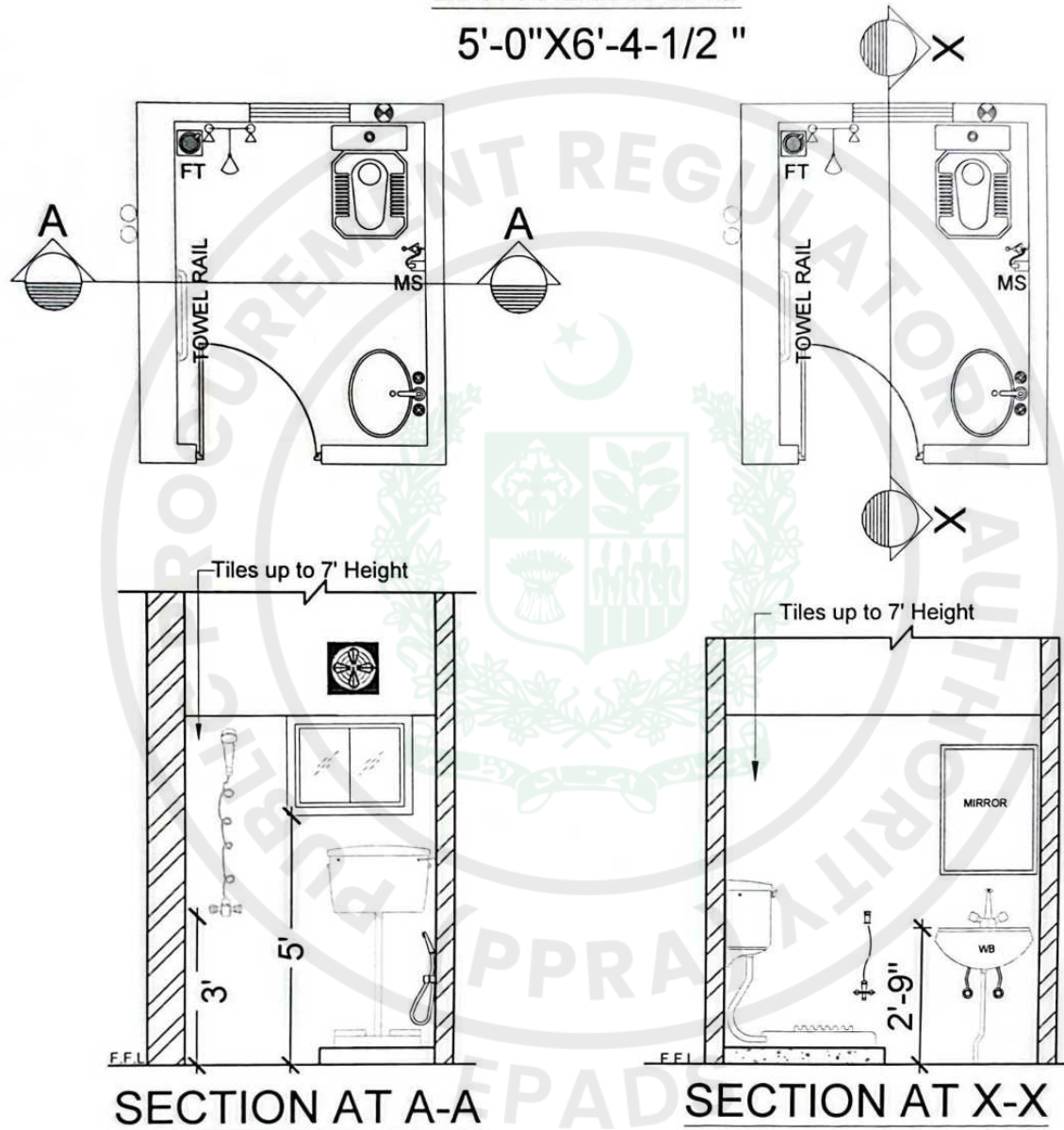


TWO BED ROOM APARTMENT -- COLUMN LAYOUT PLAN

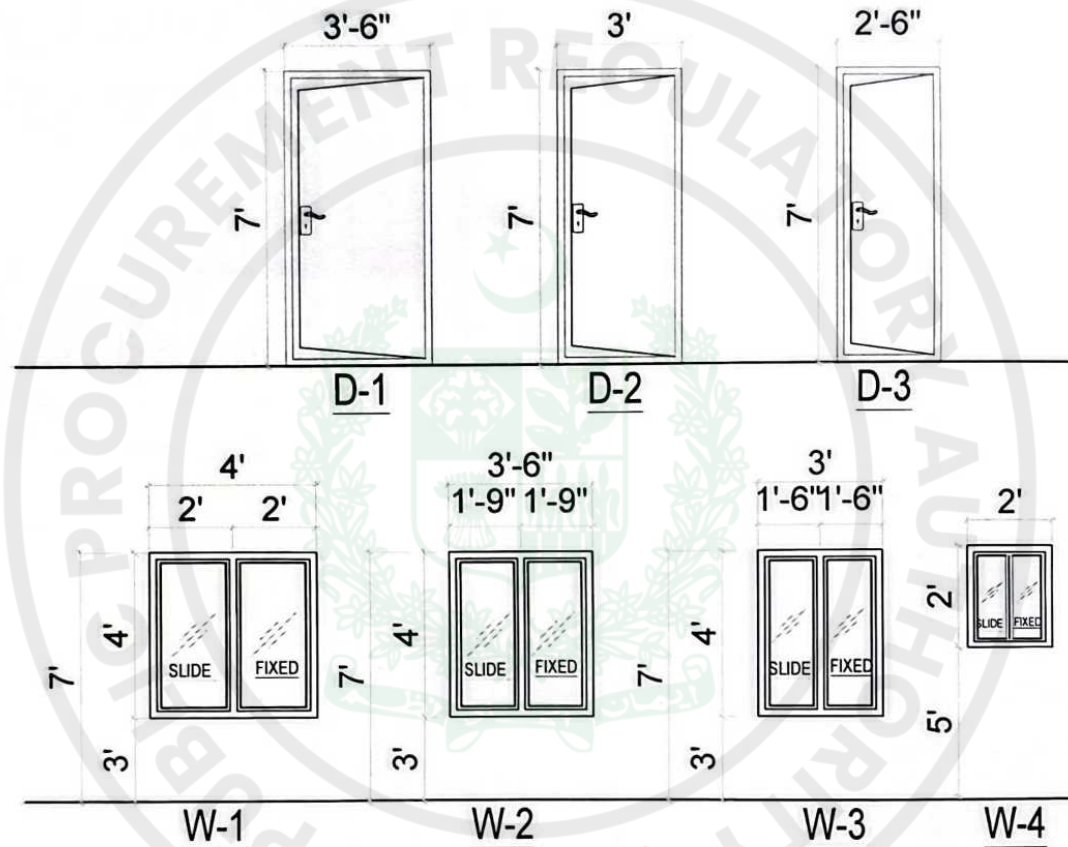
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				ASF HQ KARACHI	HSGA		A3	TWO BED ROOM APARTMENTS ISLAMABAD	
					Haroon Ali	DESIGNED BY - AREESH PVT LTD	DATE - 17-03-22	TITLE - COLUMN LAYOUT PLAN	
REVISION	DATE	DESCRIPTION	DRAWN	CHANGED	APPROVED	DRAWING NO - A-05	REV -		

BATH DETAILS

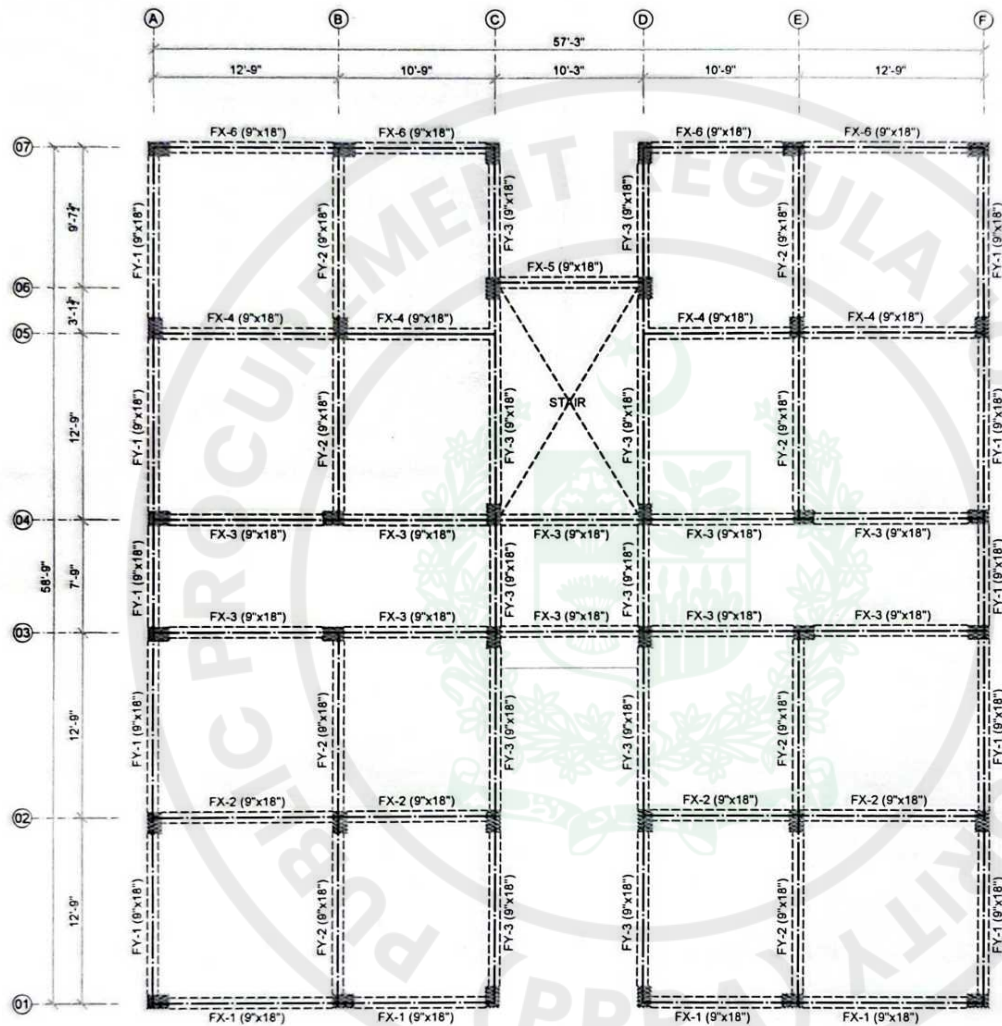
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				KARACHI		Haroon Ali		DESIGNED BY -		DATE -		ISLAMABAD			
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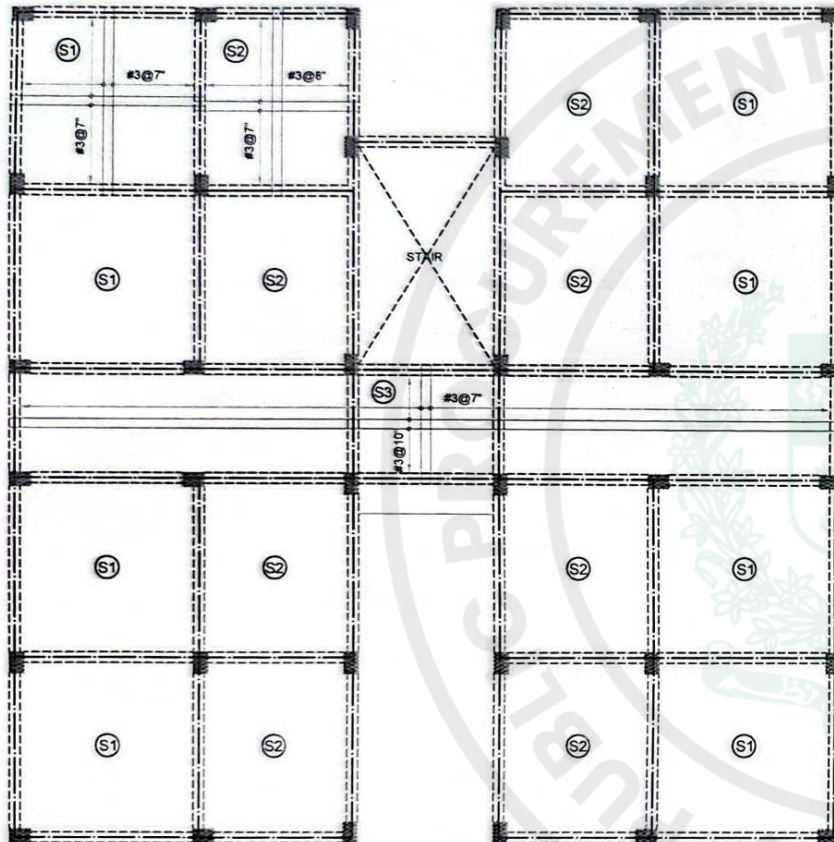


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FIRST FLOOR BEAM FRAMING PLAN

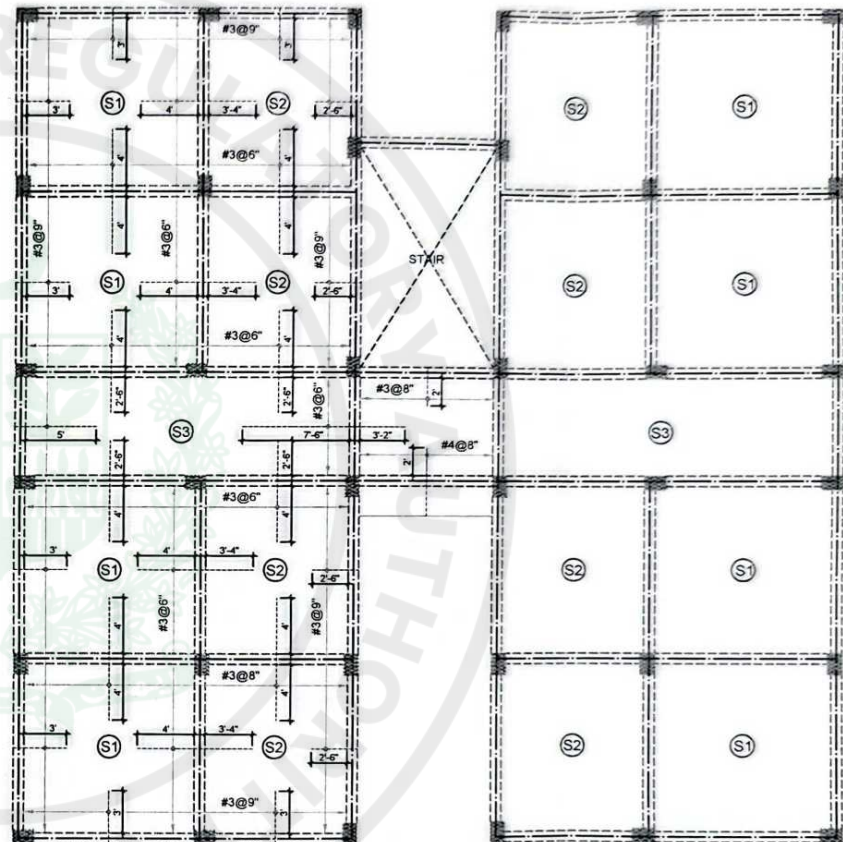
						CLIENT -	ASF HQ, KARACHI	ARCHITECT -	SCALE -	SHEET SIZE - A3	PROJECT - PROPOSED TWO BED ROOM APARTMENTS	AREESH (PVT) LTD STRUCTURAL CONSULTANT - Engr. Sher Muhammad Awan	
									DESIGNED BY - Engr. Sher Muhammad Awan	DATE - 17-03-22			
					ASAD ALI	SHER M							TITLE - FIRST FLOOR BEAM FRAMING PLAN
REVISION	DATE	DESCRIPTION			DRAWN	CHANGED		APPROVED	DRAWN - ASAD ALI	DRAWING NO - S-06	REV -		



FIRST FLOOR REINFORCEMENT PLAN (BOTTOM BARS)

NOTES

- 1 - ALL SLABS ARE 5" THICK EXCEPTED NOTED OTHERWISE.
- 2 - BINDING BARS #3@12" c/c WHEREVER REQUIRED.



FIRST FLOOR REINFORCEMENT PLAN (TOP BARS)

			CLIENT -			ARCHITECT -			SCALE -			SHEET SIZE -			PROJECT -		
			ASF HQ, KARACHI						A3			PROPOSED TWO BED ROOM APPARTMENTS			AREESH (PVT) LTD		
									DESIGNED BY -			DATE -			STRUCTURAL CONSULTANT -		
									Engr. Sher Muhammad Awan			17-03-22			Engr. Sher Muhammad Awan		
									DRAWING NO. -			REV -			TITLE -		
									S-08						FIRST FLOOR REINFORCEMENT PLAN (BOTTOM & TOP BARS)		
REVISION	DATE	DESCRIPTION	DRAWN	CHANGED	APPROVED												
			ASAD ALI		SHER M												

GENERAL NOTES

1. READ ALL DRAWINGS IN CONJUNCTION WITH ARCHITECTURAL, CIVIL, MECHANICAL, ELECTRICAL & ANY OTHER RELEVANT DRAWINGS.
2. NOTES GIVEN IN THE DRAWING ARE APPLICABLE TO ALL DRAWINGS UNLESS MENTIONED OTHERWISE. NOTES WRITTEN ON A DRAWING, SHALL BE APPLICABLE TO THAT PARTICULAR DRAWING ONLY UNLESS OTHERWISE CROSS-REFERRED.
3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE SPECIFICATION OF THE CONTRACT DOCUMENTS. IN ABSENCE OF ANY SPECIFICATION, ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO RELEVANT ACI CODES AND SHALL BE SUBJECTED TO APPROVAL OF THE ENGINEER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE STRUCTURE DURING CONSTRUCTION. HE SHALL ALSO VERIFY ALL DIMENSIONS AND LEVELS BEFORE EXECUTION OF WORK. ANY DISCREPANCY, ERROR OR OMISSION, IF FOUND, SHALL BE BROUGHT TO THE NOTICE OF THE ENGINEER FOR CORRECTION AND APPROVAL.
5. ALL LEVELS AND DIMENSIONS ARE IN FEET & INCHES UNLESS OTHERWISE NOTED.
6. FIGURED DIMENSIONS ARE TO BE FOLLOWED.

DESIGN LOADS

1. STRUCTURAL DESIGN IS BASED ON THE AMERICAN CONCRETE INSTITUTE'S BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-14). SEISMIC LOADING IS IN ACCORDANCE TO UBC-97 (SEISMIC LOADS FOR ZONE- 2B) WHEREAS GRAVITY LOADS ARE AS PER ASCE 7-10.

REINFORCED CONCRETE / PLAIN CONCRETE WORKS

1. CONCRETE FOR ALL ELEMENTS WILL BE OF 3000 PSI CYLINDRICAL STRENGTH AT 28 DAYS.
2. BLINDING PLAIN CONCRETE SHALL BE OF 1500 PSI CYLINDRICAL STRENGTH AT 28 DAYS.

REINFORCING STEEL:-

1. ALL REINFORCEMENT SHALL BE DEFORMED BARS GRADE 60 WITH A MINIMUM YIELD STRENGTH OF 60,000 PSI CONFORMING TO ASTM A 615.
2. PROVIDE BAR SUPPORTS OR SPACERS TO GIVE THE FOLLOWING CONCRETE COVER TO ALL REINFORCEMENT UNLESS NOTED OTHERWISE ON DRAWINGS. (COVER IS THE CLEAR DISTANCE FROM THE CONCRETE SURFACE TO THE NEAREST EDGE OF ANY REINFORCEMENT)

ELEMENT	TOP	BOTTOM	SIDES
SLABS	3/4"	3/4"	-
BEAMS	1 1/2"	1 1/2"	1 1/2"
COLUMNS	-	-	1 1/2"
WALLS	-	-	1 1/2"
RETAINING WALLS	-	-	2"
FOOTINGS/RAFT	2"	2"	2"

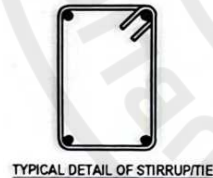
3 USE #3 BINDING BARS AT 12" C/C FOR TOP REBARS.

4. WHERE NOT INDICATED POSITIVE (+) REINFORCEMENT TO BE CURTAILED AT 1/8 OF CLEAR SPAN FROM THE EDGE OF THE SUPPORTING BEAM. NEGATIVE (-) REINFORCEMENT TO EXTEND 0.3L (0.33X LARGER OF THE CLEAR SPANS) ON EITHER SIDES OF THE SUPPORTING BEAM TO BE MEASURED FROM EDGE OF CONTINUOUS BEAM AND 0.25L FOR EDGE BEAM.

5. BARS SHOWN STAGGERED ON PLAN SHALL BE PLACED ALTERNATELY.

6. BARS SHOULD BE EVENLY DISTRIBUTED OVER THE EXTENT INDICATED. UNLESS NOTED OTHERWISE ON PLAN. DISTRIBUTION REINFORCEMENT AT RIGHT ANGLE TO MAIN REINFORCEMENT SHALL BE AS SHOWN BELOW. THE MAIN REINFORCEMENT SHALL NOT BE LESS THAN DISTRIBUTION REINFORCEMENT.

SLAB THICKNESS	DISTRIBUTION REINFORCEMENT
5"	# 3@10"cc
6"	# 3@9"cc
7"	# 3@8"cc
8"	# 3@7"cc
10"	# 4@10"cc
12"	# 4@8"cc
14"	# 4@7"cc



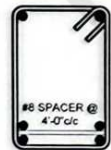
TYPICAL DETAIL OF STIRRUP/TIE

7. FOR EVERY 12 FEET 1/2" PRE CAMBER SHALL BE PROVIDED IN CENTER OF FORMWORK FOR SLAB & BEAMS

8. WALL MARKED WITH 'X' WILL BE RAISED FROM F.L. AND LEFT 12" BELOW FROM SOFT OF SLAB AND WILL BE COMPLETED AFTER REMOVAL OF SHUTTERING.

FOUNDATION -

1. THE FOUNDATION HAS BEEN DESIGNED FOR 1.70 TSF SAFE BEARING CAPACITY OF SOIL AS RECOMMENDED IN GEOTECH REPORT.
2. THE BEARING CAPACITY TO BE CHECKED AT SITE BEFORE EXECUTION AND IN CASE OF ANY VARIATION, THIS OFFICE SHOULD BE IMMEDIATELY INFORMED FOR REDESIGNING OF FOUNDATION.



TYPICAL SECTION OF BEAM SHOWING SPACERS

TABLE I-A: LAP LENGTHS FOR BARS IN TENSION

LOCATION	f _c ' = 3000 psi f _y = 60000 psi	
	LAP LENGTH	
	#6 & SMALLER	#7 & LARGER
BOTTOM BARS	58db	72db
TOP BARS	74db	93db
COLUMNS/WALLS VERTICAL BARS	58db	72db

TABLE I-B: LAP LENGTHS FOR BARS IN TENSION

LOCATION	f _c ' = 4000 psi f _y = 60000 psi	
	LAP LENGTH	
	#6 & SMALLER	#7 & LARGER
BOTTOM BARS	50db	62db
TOP BARS	64db	80db
COLUMNS/WALLS VERTICAL BARS	50db	62db

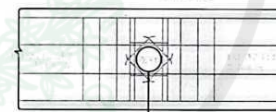
TABLE II: STANDARD HOOKS TO MAIN BARS

BAR SIZE	INTERNAL BEND DIAMETER D (IN.)	180° HOOK		90° HOOK	
		A (IN.)	J (IN.)	A (IN.)	J (IN.)
#3	2 1/2"	5"	3"	6"	-
#4	3"	6"	4"	8"	-
#5	3 3/4"	7"	5"	10"	-
#6	4 1/2"	8"	6"	1'-0"	-
#7	5 1/2"	10"	7"	1'-2"	-
#8	6"	11"	8"	1'-4"	-
#9	9 1/2"	1'-3"	11 3/4"	1'-7"	-
#10	10 3/4"	1'-5"	1'-11"	1'-10"	-

*db IS NORMAL DIAMETER OF THE REINFORCING BAR IN INCHES



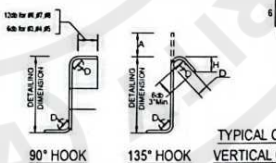
TYPICAL DETAIL AT SLAB OPENING



TYPICAL DETAIL AT BEAM OPENING

TABLE III: STANDARD HOOKS TO STIRRUPS AND TIES

BAR SIZE	INTERNAL BEND DIAMETER D (IN.)	90° HOOK		135° HOOK	
		A	H (APPROX.)	A	H (APPROX.)
#3	1 1/2"	4"	4 1/2"	3"	-
#4	2"	4 1/2"	4 1/2"	3"	-
#5	2 1/2"	6"	5 1/2"	3 3/4"	-



TYPICAL COLUMN/WALL VERTICAL CRANK DETAIL

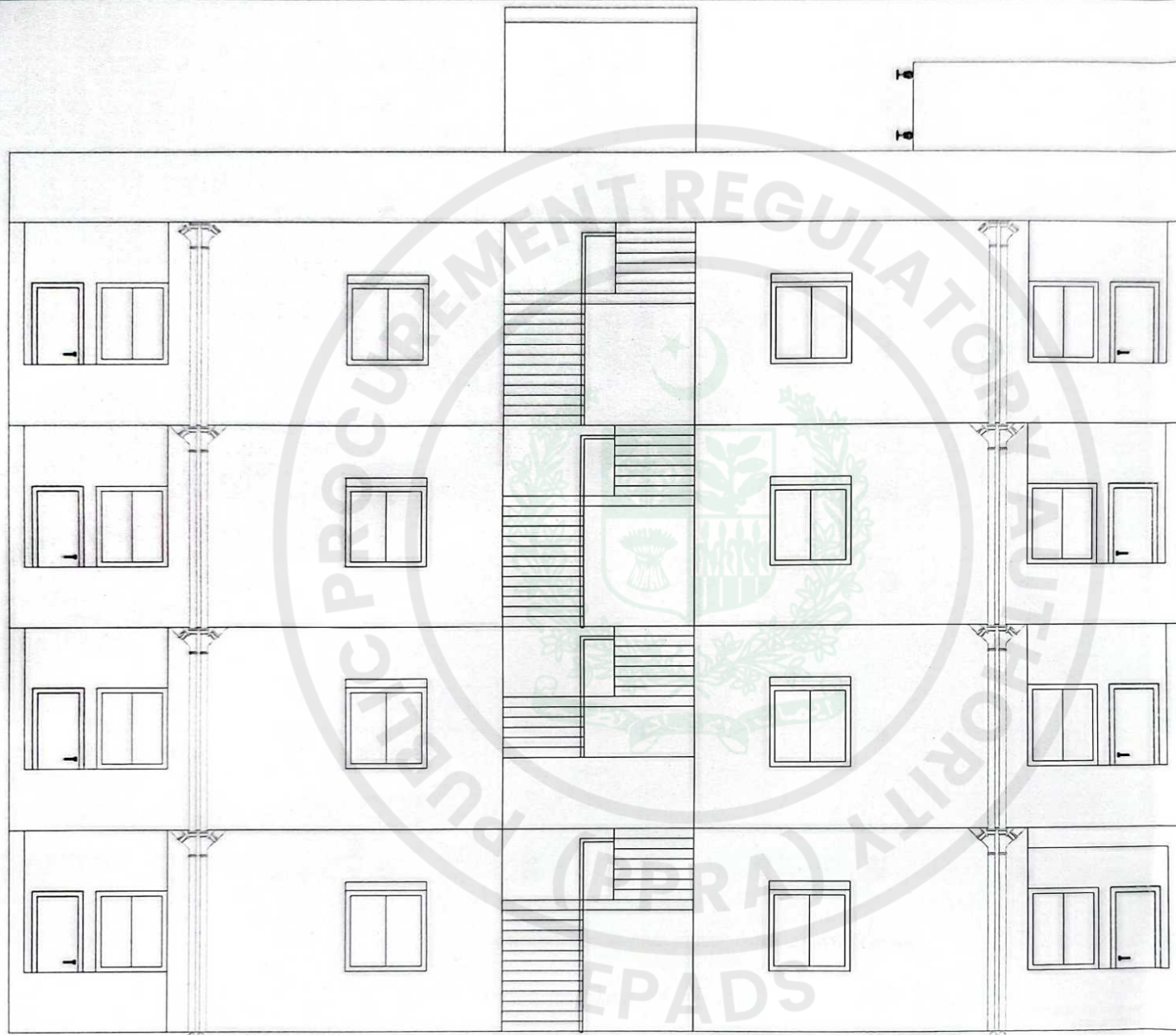
CONCRETE CONSTRUCTION

1. ALL STRUCTURAL SURFACES, AGAINST WHICH EARTH IS TO BE FILLED, SHALL BE COATED WITH TWO COATS OF HOT BITUMEN 10/20 GRADE AT THE RATE OF 0.4 Lbs/Sft/Coat OVER SURFACES AND 5% PADLO TO BE ADDED IN 3/4" PCC PLASTER.

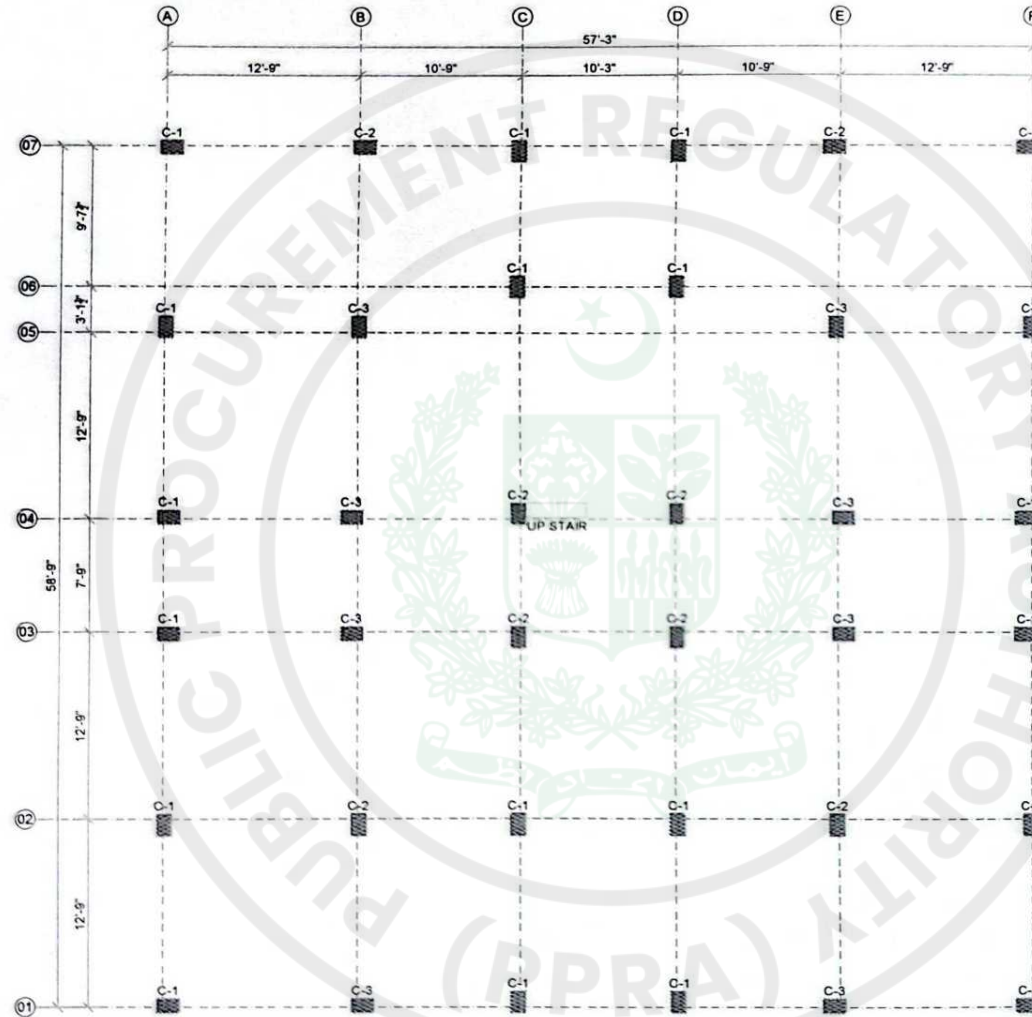
SCHEDULE OF R.C.C LINTELS

S/NO	SPAN	SIZE	REINF		RINGS	X- SECTION
			BOT	TOP		
01.	UP TO 4'	9"x6"	2#4	2#4	#3@6"C/C	
02.	UP TO 6'	9"x6"	3#4	2#4	#3@6"C/C	
03.	UP TO 8'	9"x6"	2#5	2#4	#3@6"C/C	
04.	UP TO 12'	9"x12"	3#5	2#4	#3@6"C/C	
05.	UP TO 15'	9"x15"	3#5	2#4	#3@6"C/C	
06.	CORNER WINDOW	9"x15"	3#4	3#5	#3@6"C/C	
02.	UP TO 6'	9"x6"	3#5	3#4	#3@6"C/C	

CLIENT -				ARCHITECT -		SCALE -		SHEET SIZE -		PROJECT -	
ASF HQ, KARACHI						DESIGNED BY -		A3		PROPOSED TWO BED ROOM APARTMENTS	
						Engr. Sher Muhammad Awan		DATE - 17-03-22		STRUCTURAL CONSULTANT:-	
						DRAWING NO. - S-01		REV -		Engr. Sher Muhammad Awan	
										STRUCTURAL GENERAL NOTES	



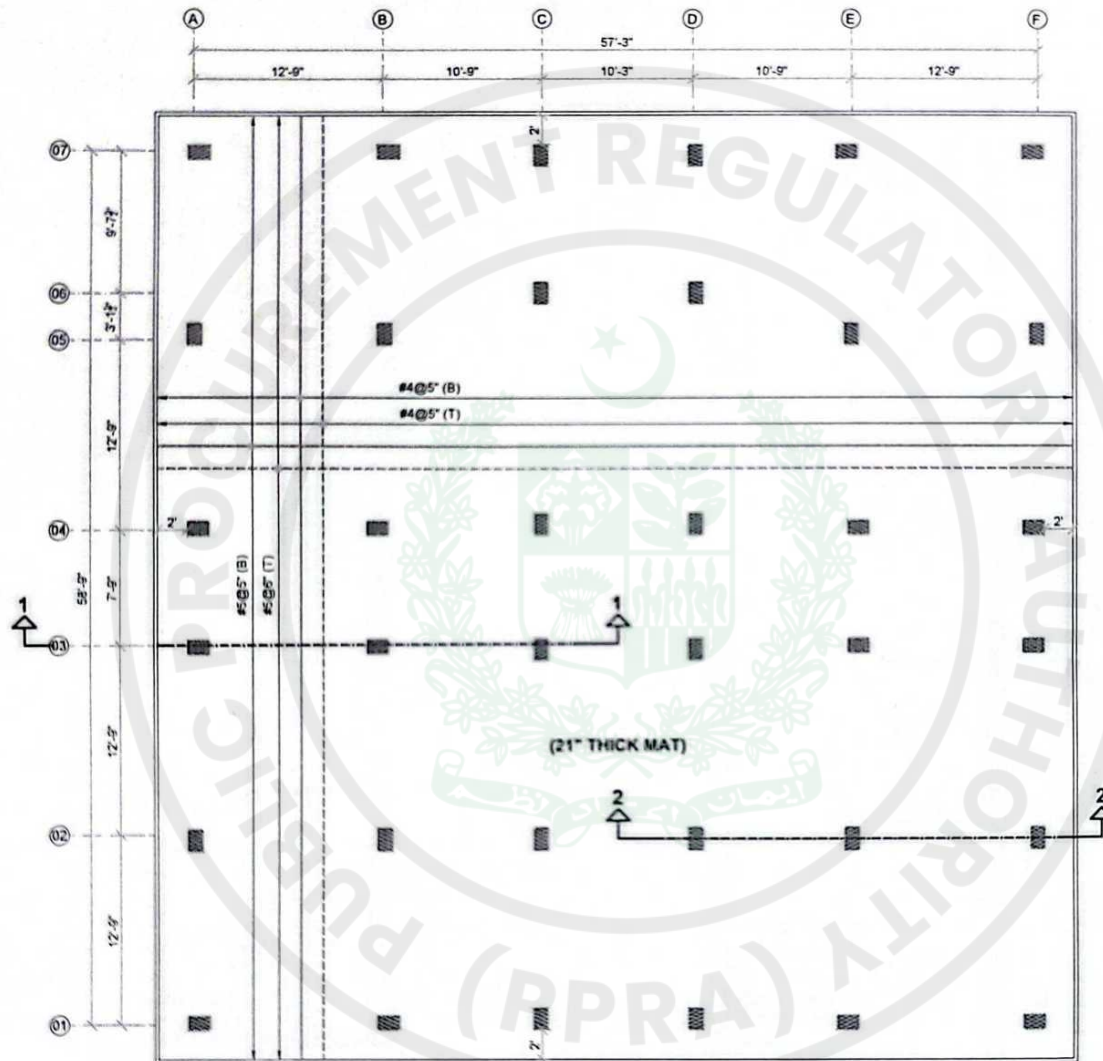
					CLIENT - ASF HQ KARACHI	ARCHITECT - HSGA DRAWN - Haroon Ali	SCALE - DESIGNED BY - AREESH PVT LTD DRAWING NO. - A-04	SHEET SIZE - A3 DATE - 17-03-22 REV -	PROJECT - TWO BED ROOM APARTMENTS ISLAMABAD TITLE - FRONT ELEVATION	AREESH (PVT) LTD OFF # 3, ST 15, SECTION 8 ORCHARD PHASE - I, DHA ISLAMABAD. alareesh.pk@gmail.com 051-5122804, 0300-5057777 
REVISION	DATE	DESCRIPTION	DRAWN	CHANGED						



GROUND FLOOR GRID AND COLUMN LOCATION PLAN

SCALE - $\frac{1}{4}'' = 1'-0''$

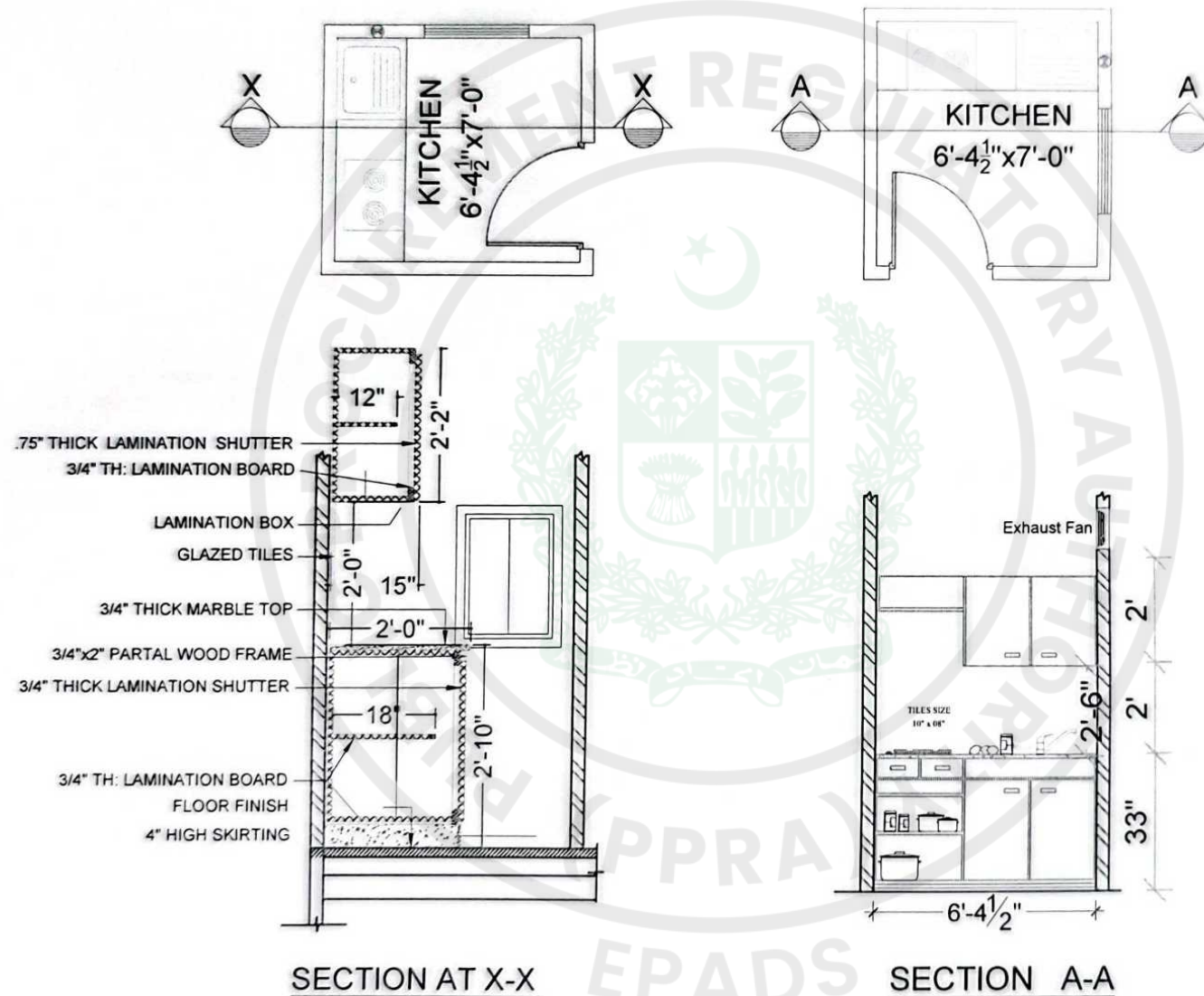
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**GROUND FLOOR MAT REINFORCEMENT PLAN
(BOTTOM & TOP BARS)**

REVISION	DATE	DESCRIPTION	DRAWN	CHANGED	APPROVED	CLIENT - ASF HQ, KARACHI	ARCHITECT - ASAD ALI	SCALE - DESIGNED BY - Engr. Sher Muhammad Awan	SHEET SIZE - A3	DATE - 17-03-22	PROJECT - PROPOSED TWO BED ROOM APPARTMENTS	TITLE - GROUND FLOOR MAT REINFORCEMENT PLAN (BOTTOM & TOP BARS)	AREESH (PVT) LTD STRUCTURAL CONSULTANT - Engr. Sher Muhammad Awan

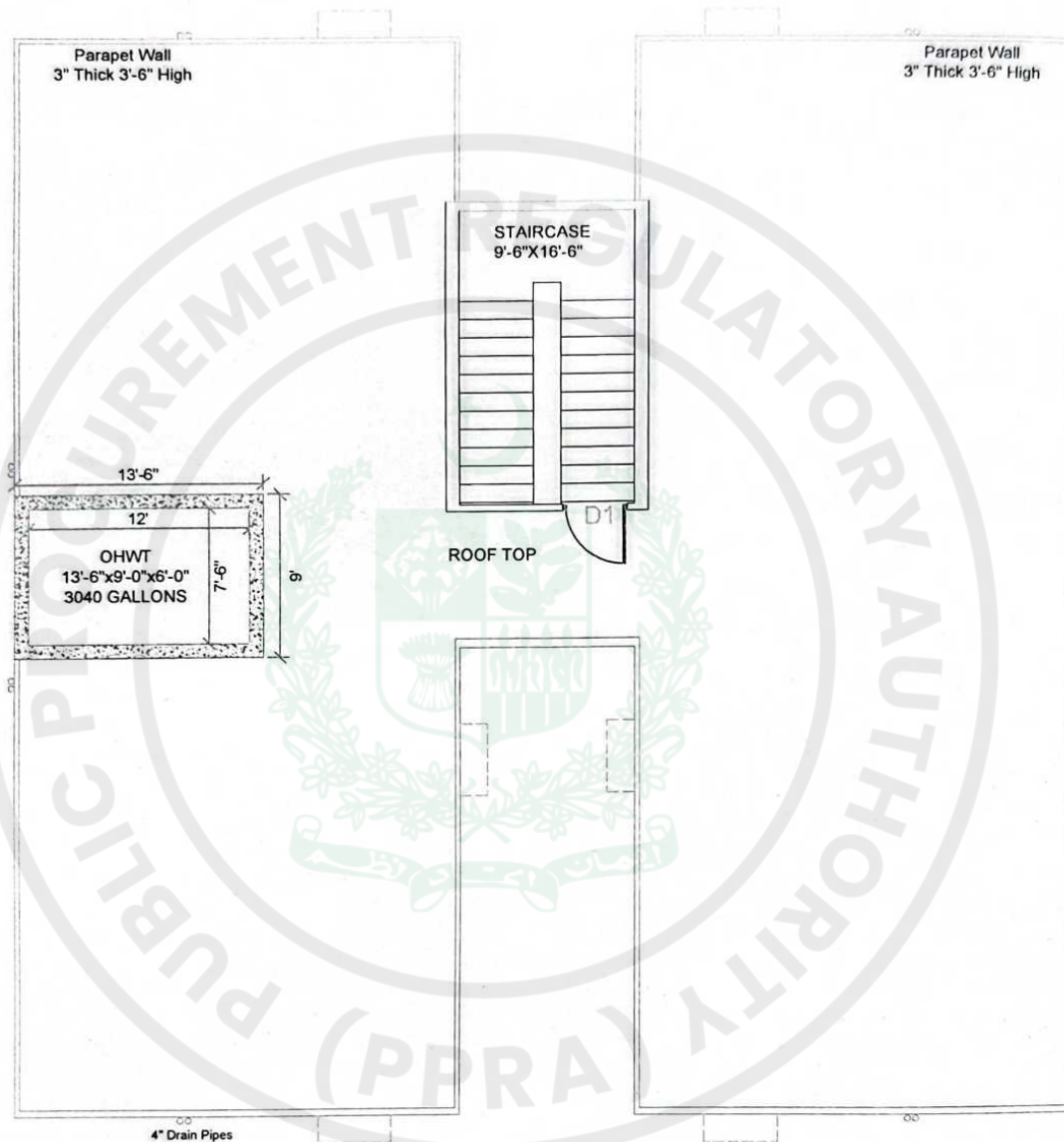
KITCHEN DETAIL



SECTION AT X-X

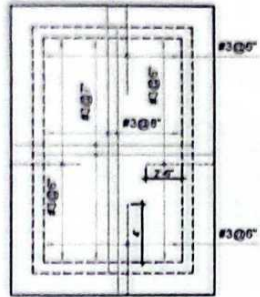
SECTION A-A

						CUSTOMER -	ARCHITECT -	SCALE -	SHEET SIZE -	PROJECT -	AREESH (PVT) LTD OFF # 3, ST 15, SECTION 8 ORCHARD PHASE - I, DHA ISLAMABAD. alareesh.pk@gmail.com 051-5122804, 0300-5057777
						ASF HQ KARACHI	HSGA	DESIGNED BY - AREESH PVT LTD	A3	TWO BED ROOM APARTMENTS ISLAMABAD	
REVISION	DATE	DESCRIPTION	DRAWN	CHANGED	APPROVED		DRAWN - Haroon Ali	DRAWING NO - A-09	DATE - 17-02-22	TITLE - KITCHEN ELEVATION PLAN	

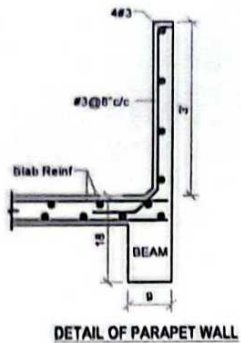


TWO BED ROOM APARTMENT MUMTY FLOOR LAYOUT PLAN

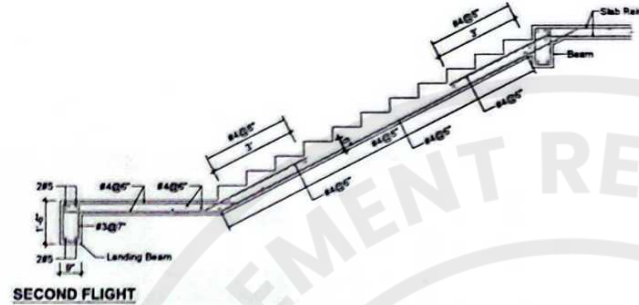
						CLIENT:- ASF HQ KARACHI		ARCHITECT:- HSGA		SCALE:-		SHEET SIZE:- A3		PROJECT:- TWO BED ROOM APARTMENTS ISLAMABAD			AREESH (PVT) LTD OFF # 3, ST 15, SECTOR 8 ORCHARD PHASE - 1, DHA ISLAMABAD, alareesh.pk@gmail.com 051-5122804, 0300-5057777 							
										DESIGNED BY:- AREESH PVT LTD		DATE:- 17-03-22												
								DRAWN:- Haroon Ali		DRAWING NO:- A-03		REV:-		TITLE:- MUMTY FLOOR PLAN										
REVISION								DATE		DESCRIPTION						DRAWN				CHANGED		APPROVED		



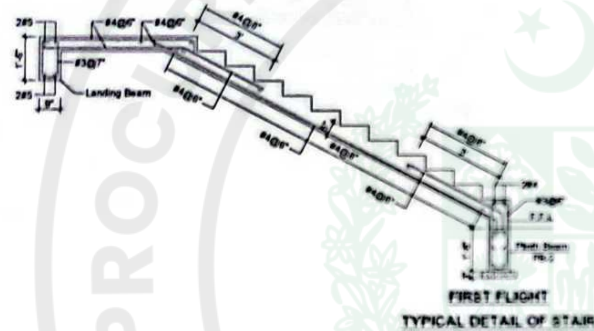
MUMTY REINFORCEMENT PLAN



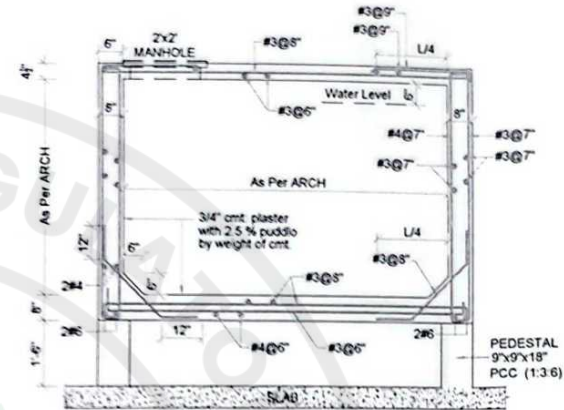
DETAIL OF PARAPET WALL



SECOND FLIGHT

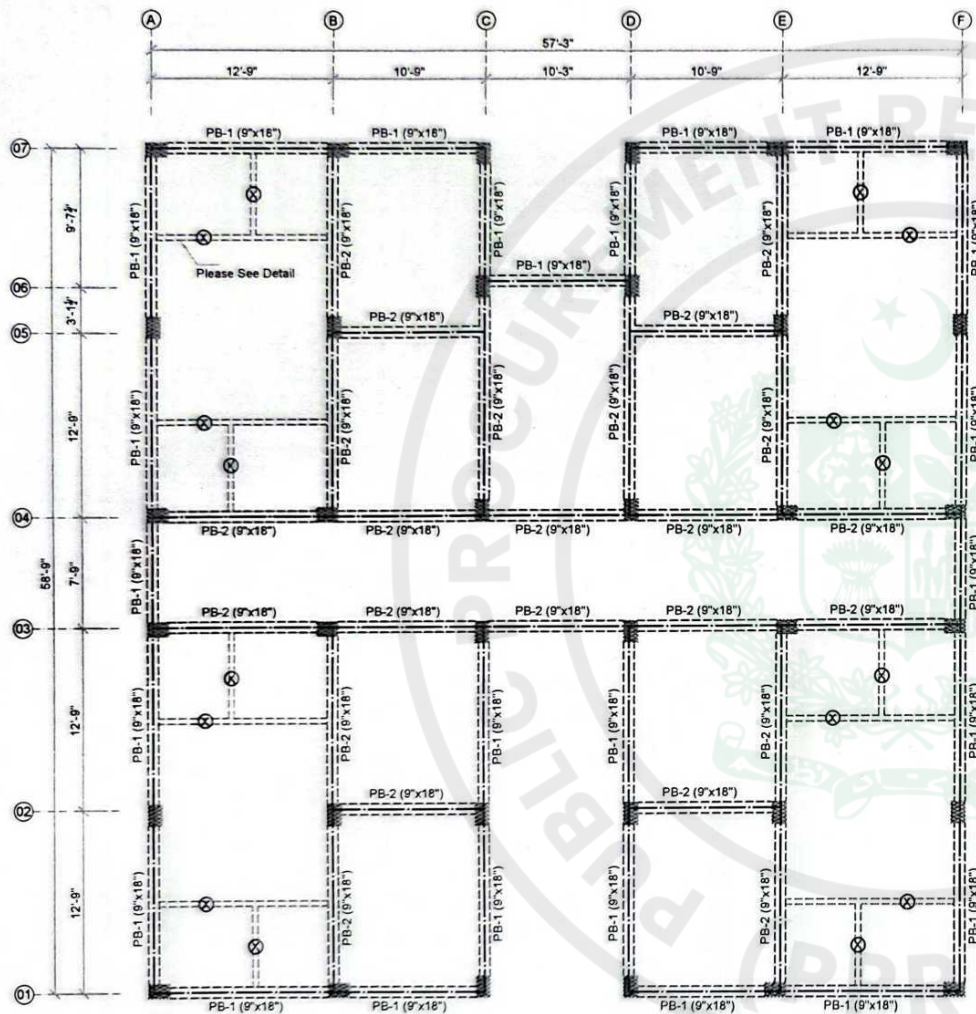


FIRST FLIGHT
TYPICAL DETAIL OF STAIR



TYPICAL DETAIL OF OVER HEAD WATER TANK

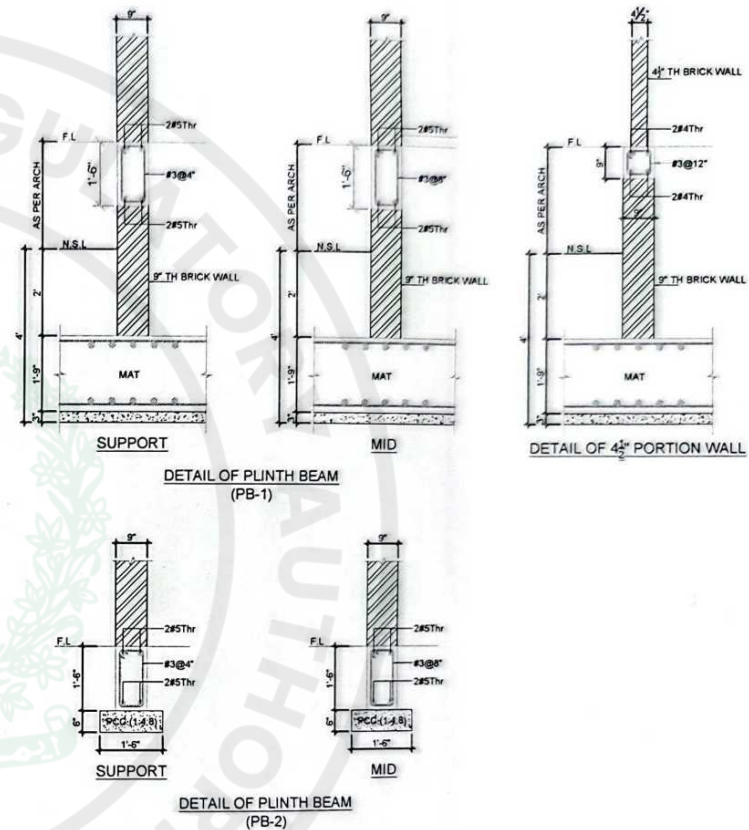
REVISION	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED	CLIENT - ASF HQ, KARACHI	ARCHITECT - ASAD ALI	SCALE - DESIGNED BY - Engr. Sher Muhammad Awan	SHEET SIZE - A3	DATE - 17-03-22	PROJECT - PROPOSED TWO BED ROOM APARTMENTS	TITLE - MUMTY REINFORCEMENT PLAN, DETAIL OF STAIR & OVER HEAD WATER TANK	AREESH (PVT) LTD STRUCTURAL CONSULTANT - Engr. Sher Muhammad Awan



PLINTH BEAM LOCATION PLAN

NOTE:-

1 MARKED X IS 4 1/2 THICK PORTION BRICK WALL.



						CLIENT -	ARCHITECT -	SCALE -	SHEET SIZE -	PROJECT -	AREESH (PVT) LTD
						ASF HQ, KARACHI			A3	PROPOSED TWO BED ROOM APPARTMENTS	STRUCTURAL CONSULTANT - Engr. Sher Muhammad Awan
							DESIGNED BY - Engr. Sher Muhammad Awan	DATE - 17-03-22			
			ASAD ALI	SHER M							
REVISION	DATE	DESCRIPTION			DRAWN	CHANGED	DRAWN - ASAD ALI	DRAWING NO - S-05	REV -	TITLE - PLINTH BEAM LOCATION PLAN AND DETAIL OF PLINTH BEAM	

REVISION	DATE	DESCRIPTION	DRAWN	CHANGED	APPROVED

CUSTOMER:-	ASF HQ KARACHI
------------	-------------------

ARCHITECT:-	HSGA
DRAWN:-	Haroon Ali

SCALE:-	
DESIGNED BY:-	AREESH PVT LTD
DRAWING NO:-	SW-01

SHEET SIZE:-	A3
DATE:-	17-03-22
REV:-	

PROJECT:-	TWO BED ROOM APARTMENTS ISLAMABAD
TITLE:-	PLUMBING GENERAL NOTES

AREESH (PVT) LTD	
OFF # 3, ST 15, SECTOR 8 ORCHARD PHASE - I, DHA ISLAMABAD akoreesh.pvt@gmail.com 051-5122804, 0300-5057777	

GENERAL NOTES:

- 1- ALL SOIL AND WASTE PIPE SHOULD BE U.P.V.C. MASTER FIT MAKE.
- 2- ALL G.I. PIPES SHOULD BE WRAPPED WITH BITUMEN TAPE.
- 3- ALL COLD WATER PIPES SHOULD BE PPRC PIPES.
- 4- BOTTLE TRAP SHOULD BE USED WITH ALL WASH BASIN.
- 5- U.P.V.C. F-TRAP SHOULD BE USED WITH ALL TRAP.
- 6- VENT PIPES SHOULD BE EXTENDED ON ONE F.T. ABOVE FINISHED ROOF LEVEL.

- 7- MINIMUM PIPE SIZE INSIDE TOILETS SHOULD BE 3/4" INTERNAL DIA.

- 8- ALL PIPING SHOULD BE TESTED FOR LEAKAGE BEFORE THE JOINTS ARE COVERED.

- 9- SLOPE FOR PIPES

2" DIA=1:50 3" DIA=1:75 4" DIA=1:100 6" DIA=1:150

NOTES :- WATER SUPPLY

1. Vent pipe of 3/4" dia would be provided on each out let of over head water tank.
2. 2" dia wash out with valve would be provided in base pit of over head water tank.
3. Over flow pipe would be provided on the opposite wall of tank, 1" below the incoming pipe level.
4. Non return valve would be provided on inlet of each geyser.
5. Safety valve would be provided with each geyser.
6. 1/2" dia pipe would be used for fitting.

NOTES :- PLUMBING

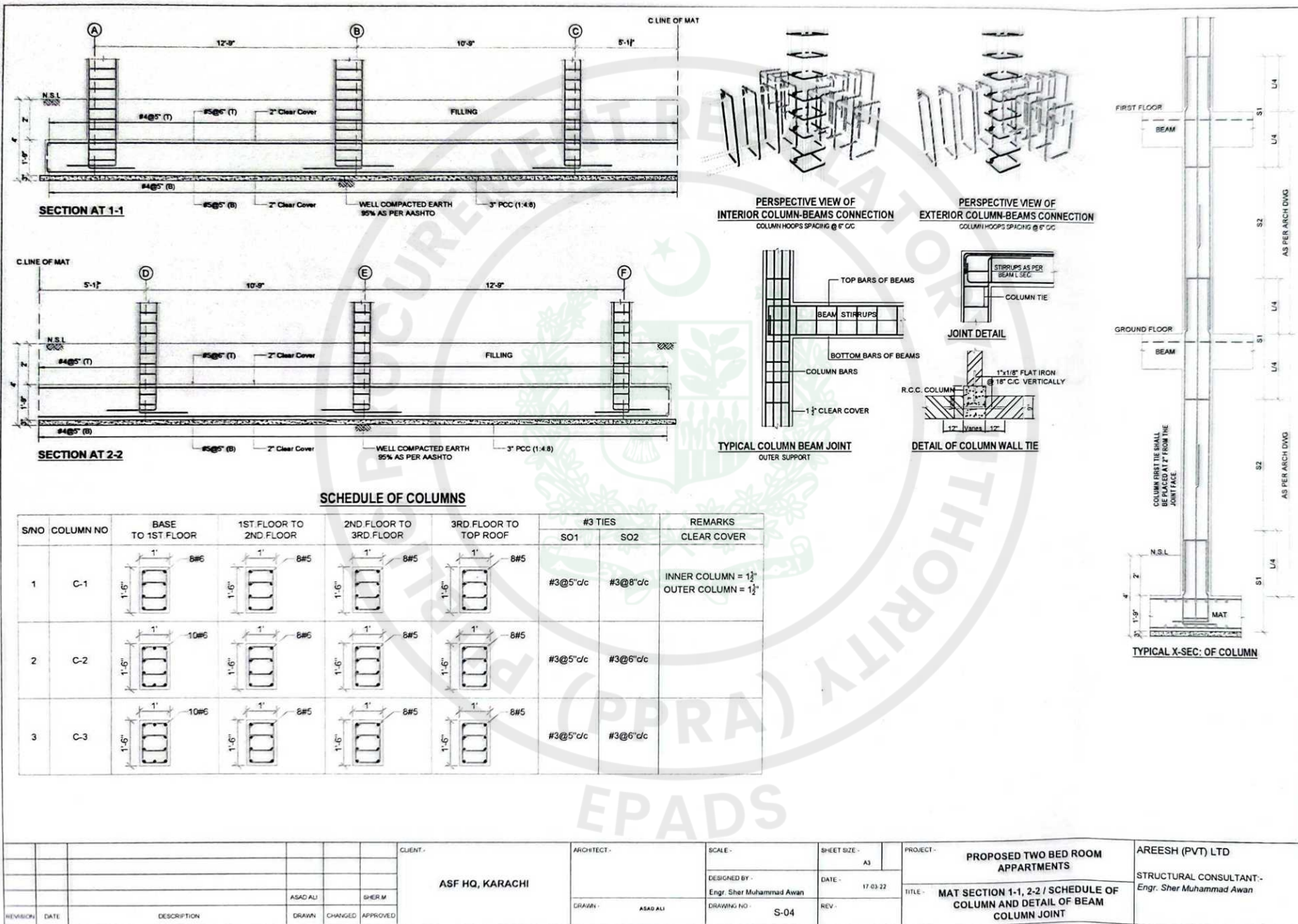
1. 2" dia pipe would be used from W.H.B shower area to floor trap(F.T.).
2. 3" dia pipe would be used from floor trap to gully trap(G.T.).
3. 4" dia pipe would be used from W.C and gully trap(G.T.) out let to main hole (M.H.).
4. C.I spun pipes or U.P.V.C pipe would be used on requirement basis.

NOTES :- SUI GAS

1. 1/2" dia control valve would be provided at each point.
2. 3/4" dia control valve would be provided out side each kitchen.
3. 1/2" dia down pipe from roof would be provided right side of heater.

LEGEND

S. no.	DESCRIPTION	SYMBOLS
1	MANHOLE CHAMBER (2'X2')	
2	CATCH BASIN (2'X2')	
3	GULLY TRAP	
4	FLOOR TRAP	
5	WASTE PIPE	
6	SOIL PIPE	
7	U.P.V.C. PIPE	
8	GAS PIPE	
9	COLD WATER PIPE	
10	HOT WATER PIPE	
11	MUSLIM SHOWER	
12	MIXER VALVE	
13	GATE VALVE	
14	GEYSER	
15	GAS METER	
16	WASH BASIN	
17	W.C.	
18	SINK	
19	GAS BURNER	

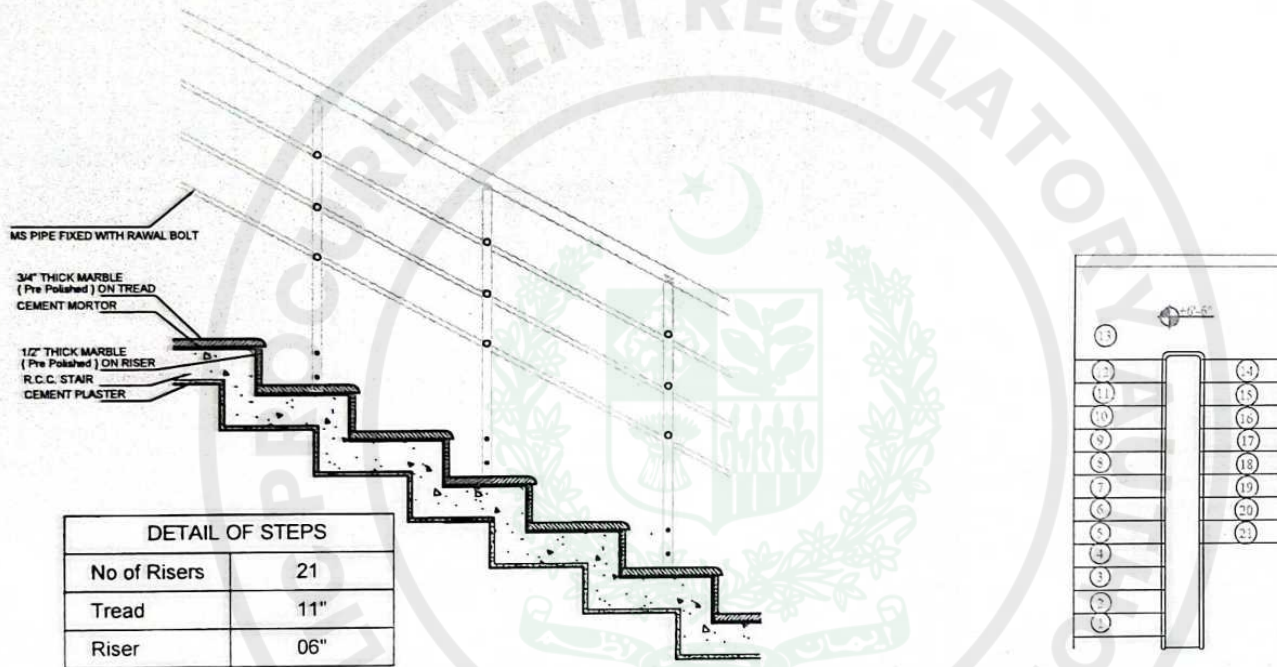


SCHEDULE OF OPENINGS

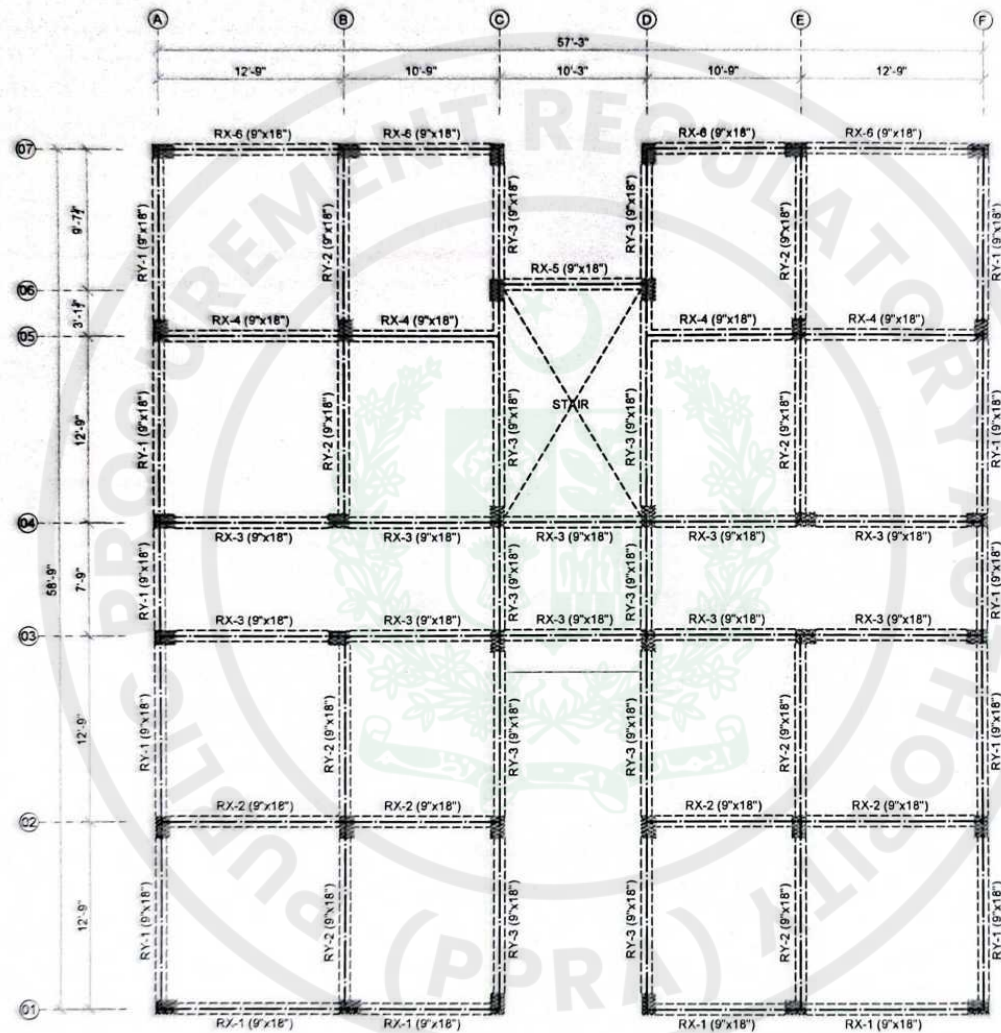
SER	TYPE	SILL LEVEL	SIZE	DESCRIPTION
1.	D-1	0'-0"	3'-6" x 7'-0"	FLASH PLY DOORS
2.	D-2	0'-0"	3'-0" x 7'-0"	
3.	D-3	0'-0"	2'-6" x 7'-0"	
4.	W-1	3'-0"	4'-0" x 4'-0"	STEEL GLAZED WINDOWS
5.	W-2	3'-0"	3'-6" x 4'-0"	
6.	W-3	3'-0"	3'-0" x 4'-0"	
7.	W-4	5'-0"	2'-0" x 2'-0"	

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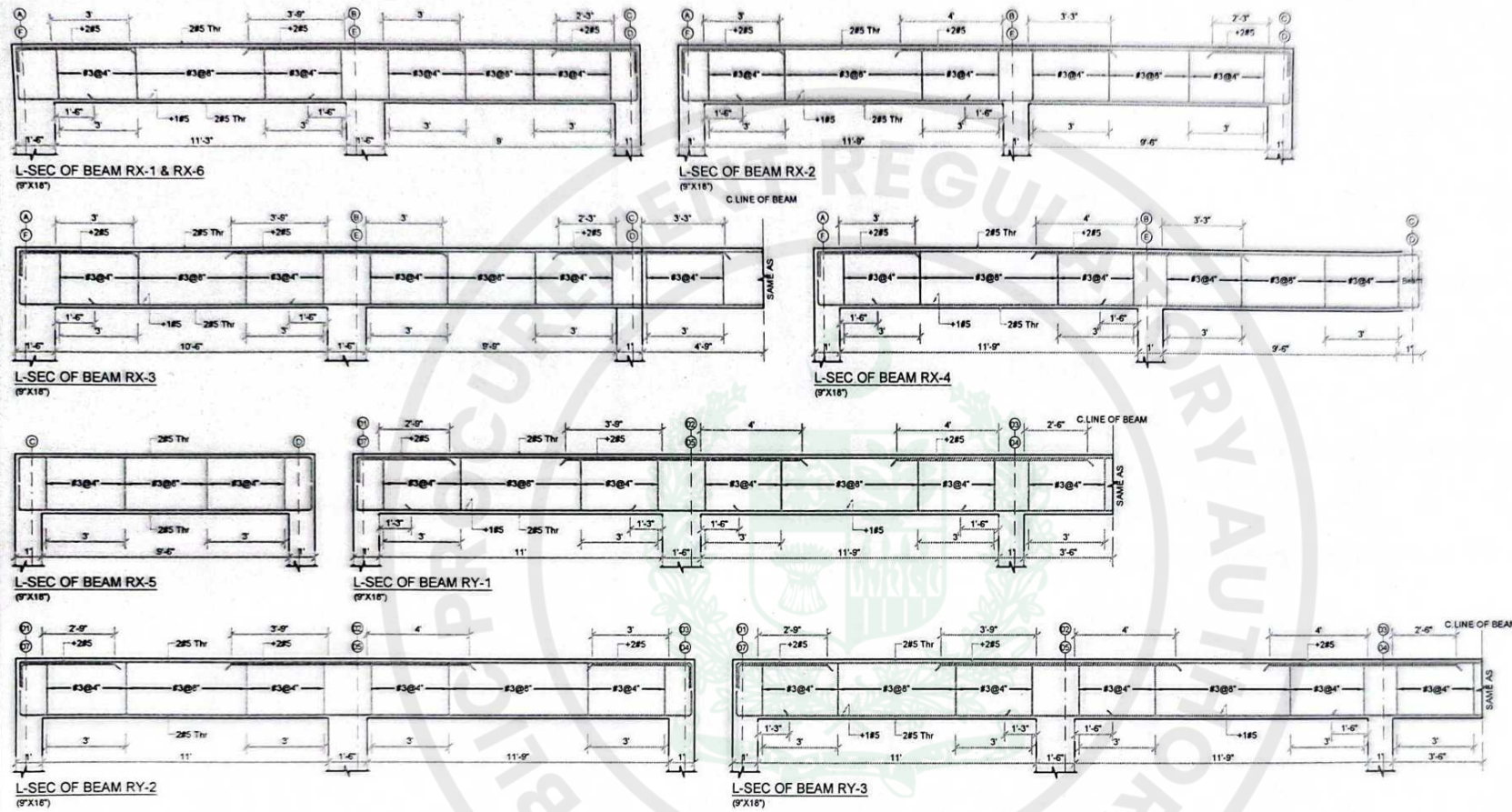


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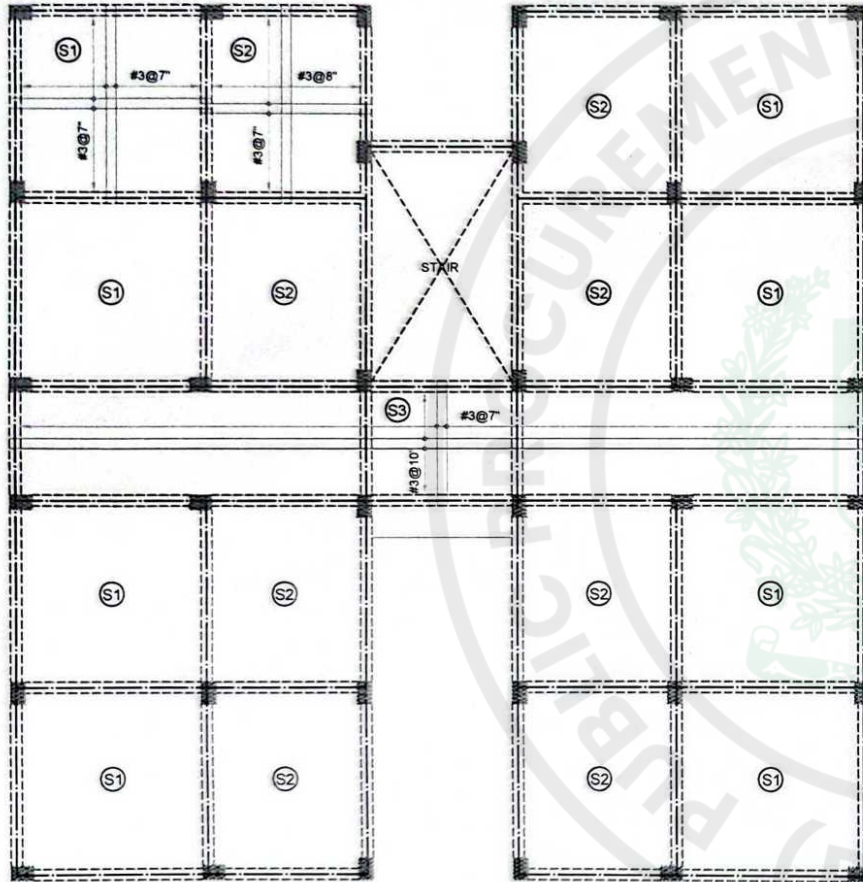


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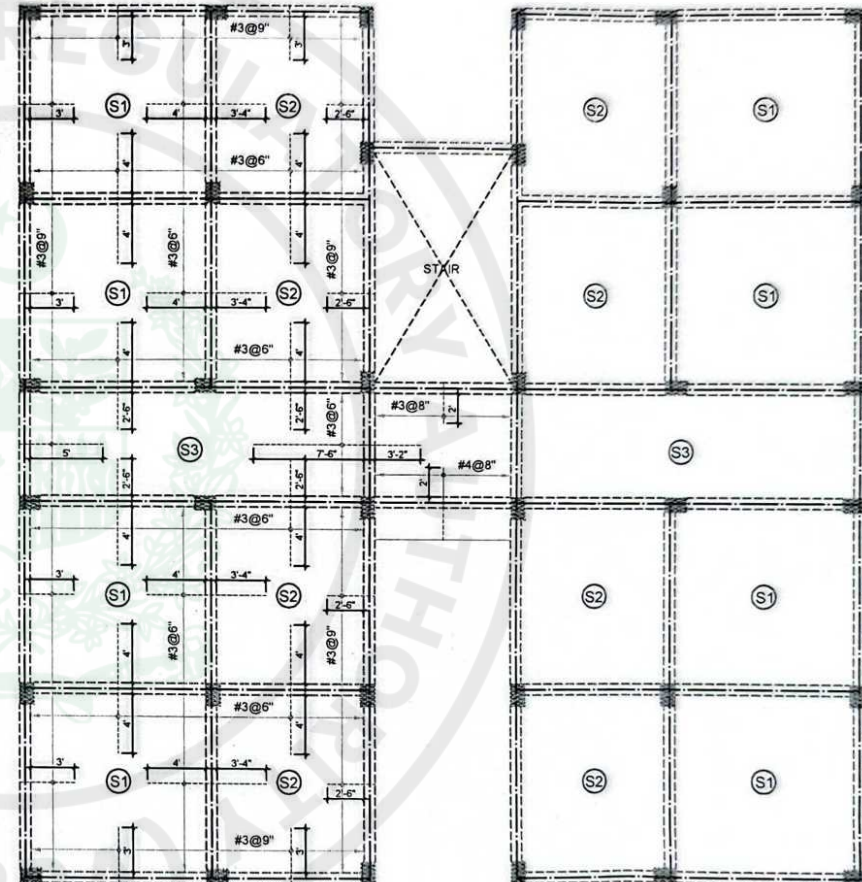
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TOP ROOF REINFORCEMENT PLAN (BOTTOM BARS)

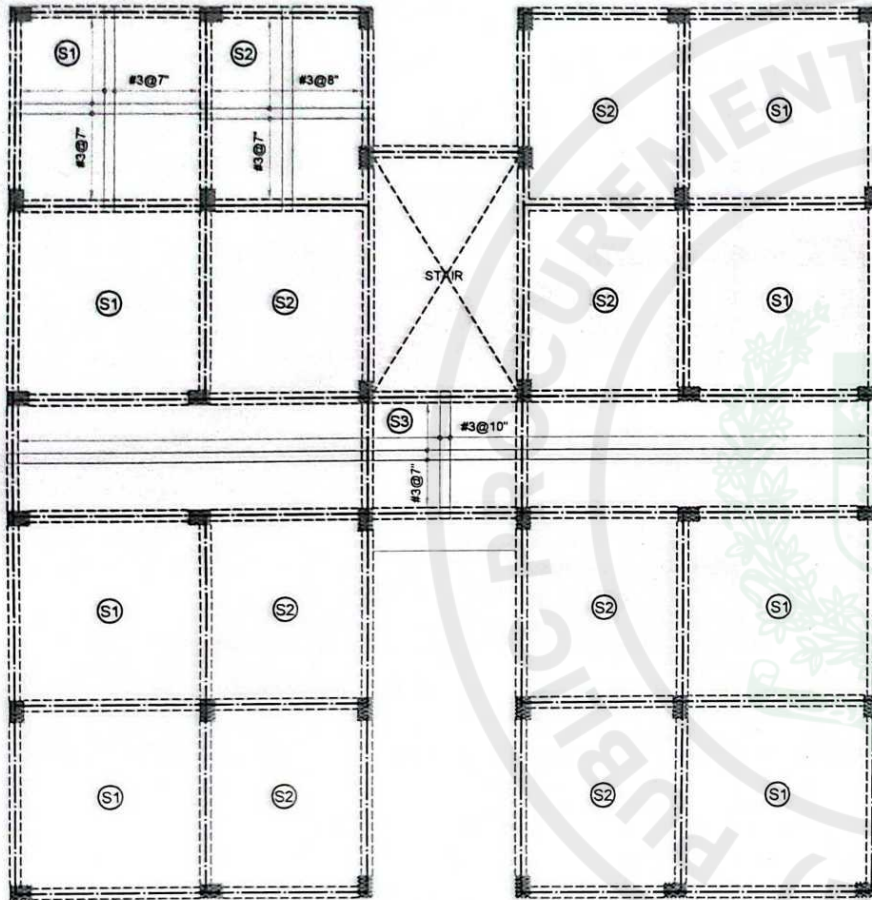
NOTES

- 1 - ALL SLABS ARE 5" THICK EXCEPTED NOTED OTHERWISE.
- 2 - BINDING BARS #3@12" c/c WHEREVER REQUIRED.



TOP ROOF REINFORCEMENT PLAN (TOP BARS)

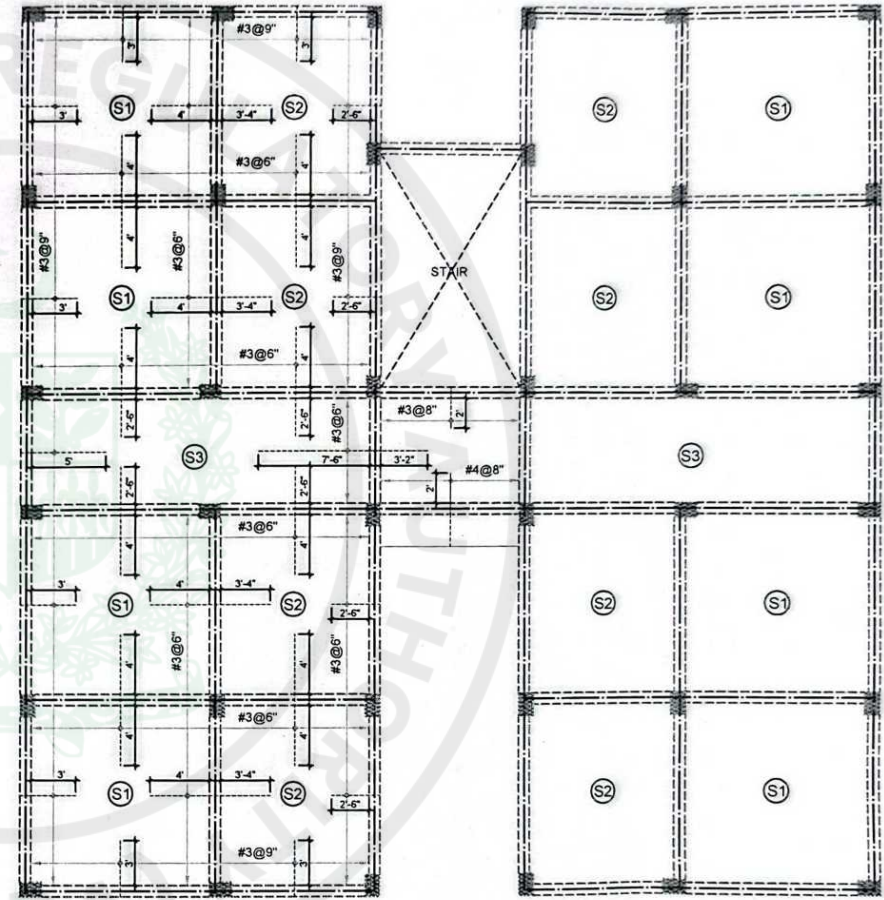
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						DRAWN -		ASAD ALI		DRAWING NO -		S-14		Engr. Sher Muhammad Awan	
												TITLE -		TOP ROOF REINFORCEMENT PLAN (BOTTOM & TOP BARS)	
REVISION	DATE	DESCRIPTION	DRAWN	CHANGED	APPROVED										



TYPICAL 2ND & 3RD FLOOR REINFORCEMENT PLAN (BOTTOM BARS)

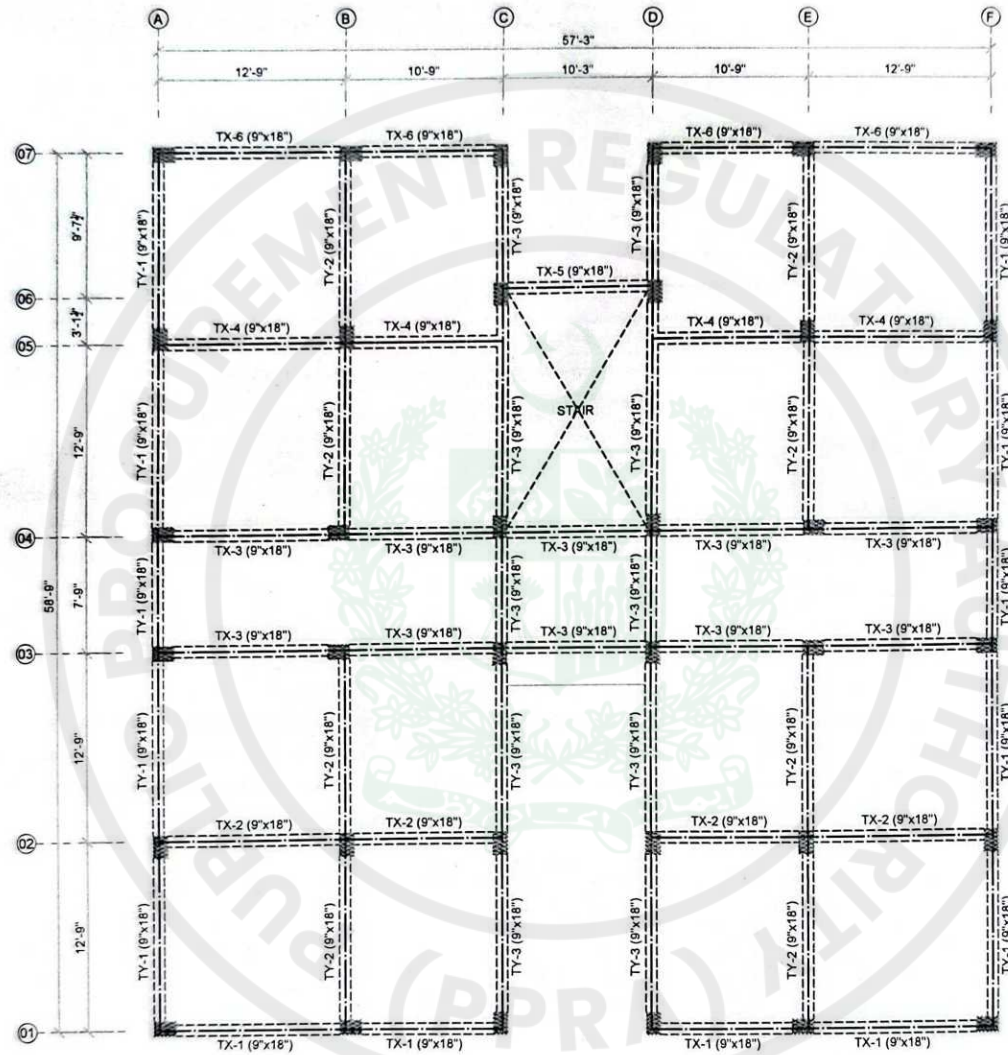
NOTES

- 1 - ALL SLABS ARE 5" THICK EXCEPTED NOTED OTHERWISE.
- 2 - BINDING BARS #3@12" c/c WHEREVER REQUIRED.



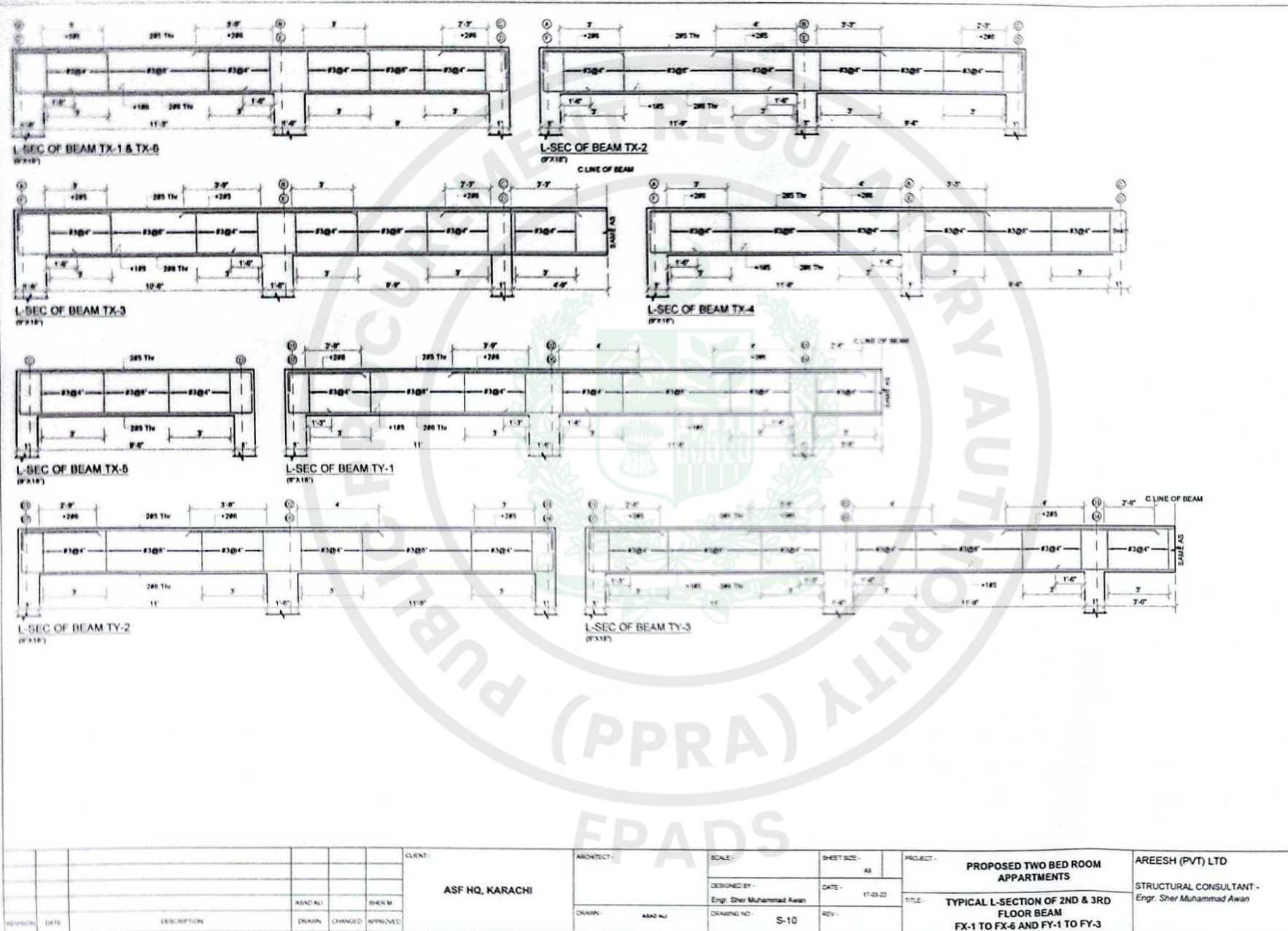
TYPICAL 2ND & 3RD FLOOR REINFORCEMENT PLAN (TOP BARS)

						CLIENT -	ARCHTRECT -	SCALE -	SHEET SIZE -	PROJECT -	AREESH (PVT) LTD	
						ASF HQ, KARACHI		DESIGNED BY -	A3			PROPOSED TWO BED ROOM APARTMENTS
								Engr. Sher Muhammad Awan	DATE -	17-03-22		
					ASAD ALI			SHER M	DRAWN -	ASAD ALI		DRAWING NO -
REVISION	DATE	DESCRIPTION				DRAWN	CHANGED	APPROVED				



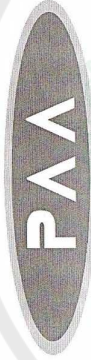
TYPICAL 2ND & 3RD FLOOR BEAM FRAMING PLAN

				CLIENT -		ARCHITECT -		SCALE -		SHEET SIZE -		PROJECT -		AREESH (PVT) LTD	
				ASF HQ, KARACHI				DESIGNED BY -		DATE -		PROPOSED TWO BED ROOM APPARTMENTS		STRUCTURAL CONSULTANT:-	
								Engr. Sher Muhammad Awan		17-03-22		TYPICAL 2ND AND 3RD FLOOR BEAM FRAMING PLAN		Engr. Sher Muhammad Awan	
						DRAWN -		DRAWING NO -		REV -					
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HSE MANUAL FOR PAA CONTRACTORS, SUPPLIERS & CONCESSIONAIRES



پاکستان ایئرپورٹس اتھارٹی

HSE MANUAL FOR PAA CONTRACTORS, SUPPLIERS & CONCESSIONAIRES

MANUAL

VERSION :

2.0

DATE OF IMPLEMENTATION : 15-03-2017

OFFICE OF PRIME INTEREST :

Directorate of Safety & Quality Management System (SQMS)





ACRONYMS

ATS	AIR TRAFFIC SERVICE(S)
PAA	PAKISTAN AIRPORTS AUTHORITY
CARS	CIVIL AVIATION RULES
PAAF	PAKISTAN AIRPORTS AUTHORITY FORM
PAAO	PAKISTAN AIRPORTS AUTHORITY ORDER
DMR	DEPUTY MANAGEMENT REPRESENTATIVE
HOPAA	HEADQUARTER PAKISTAN AIRPORTS AUTHORITY
HSE	HEALTH SAFETY ENVIRONMENT
IAR	IMPROVEMENT ACTION REPORT
IMS	INTEGRATED MANAGEMENT SYSTEM
MR	MANAGEMENT REPRESENTATIVE
PPE	PERSONAL PROTECTIVE EQUIPMENT
PTW	PERMIT TO WORK
EMS	ENVIRONMENTAL MANAGEMENT SYSTEM
ISO	INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
LOTO	LOCK-OUT TAG-OUT
LPG	LIQUID PETROLEUM GAS
MNL	MANUAL
MSDS	MATERIAL SAFETY DATA SHEET
NEQS	NATIONAL ENVIRONMENTAL QUALITY STANDARDS
OH&SMS	OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM
OPI	OFFICE OF PRIME INTEREST
QMS	QUALITY MANAGEMENT SYSTEM
SMS	SAFETY MANAGEMENT SYSTEM
TQM	TOTAL QUALITY MANAGEMENT





Chapter 1

INTRODUCTION

1.1 INTRODUCTION

Integrated Management System comprising International Management System standards ISO 9001: 2008 (Quality Management System), ISO 14001: 2004 (Environmental Management System), OHSAS 18001: 2007 (Occupational Health and Safety Management System), and ICAO's SMS (Safety Management System) has been implemented in Pakistan PAA. These standards require adherence from all the stakeholders to fulfill their respective obligations towards vital aspects of Safety, Quality, Occupational Health and Environment. This HSE Manual outlines the responsibilities of contractors, suppliers and concessionaires working for PAA or on the areas under PAA's jurisdiction

1.2 PAA IMS POLICY

Top Management commitment is demonstrated in IMS Policy, attached as **Appendix-A** (English version) and **Appendix-B** (Urdu version).

1.3 RESPONSIBILITY & AUTHORITY

1.3.1 RESPONSIBILITY FOR HSE COMPLIANCE:

- 1.3.1.1 PAA shall require Contractors and/or Sub-contractors / Suppliers / Concessionaires to affirm that all supervisors are responsible for ensuring that the works / activities are performed in accordance with all applicable health, safety and environmental rules, regulations and good working practices with equal diligence being paid to the fulfillment of the contractual technical specifications. PAA will require Contractors and Sub-contractors to advise such personnel of their safety responsibilities. Contractors / Suppliers / Concessionaires shall also provide PAA with their organizational setup for a particular contract / subcontract / renewal / bid invitation document, where applicable, specifying the areas of safety responsibilities of their supervisors.

- 1.3.1.2 All DQGs shall ensure imparting necessary directions and establish requisite monitoring & evaluation mechanism in their respective area of responsibilities to fulfill the vision and the objectives contained in this manual.

- 1.3.1.3 **The concerned Directors / Additional Directors / Airport Managers / Chief Operations Officers / Location Heads / Sectional Heads**, involved / engaged in the purchase of materials, services and contracts (including sub-contracts, if any), shall ensure effective implementation of this manual. They shall also be responsible to designate **Contract Coordinators** where applicable especially on large scale projects.

- 1.3.1.4 **Contract Coordinator** (a designated PAA Employee) shall be responsible for the on-site implementation of HSE requirements by the contractors and their officials / workers. He shall also be responsible to record on-site management activities and meetings specific to the HSE issues.

- 1.3.1.5 **Deputy Management Representatives (DMRs)** shall be responsible to oversee the implementation and effectiveness of this manual at their respective Airports / ATS Units / Locations.

- 1.3.1.6 **The concerned Directors / Additional Directors / Airport Managers / Chief Operations Officers / Location Heads / Sectional Heads**, involved / engaged in the purchase of materials, services and contracts (including sub-contracts, if any), shall ensure incorporation of specific clause(s) on Safety, Health & Environment in the contract agreements or their renewals / bid invitation documents indicating the need for compliance with the detailed guidelines as outlined in this manual.

- 1.3.1.7 All Safety, Health and Environment requirements contained in this manual





discuss the HSE compliance and related aspects of the job. Records of such meetings and on-site management activities must be maintained by the Contract Coordinator.

- 1.3.2.4 **HSE audit or on-site inspections** shall be carried out randomly by the authorized Inspectors of SQMS Directorate in coordination with the concerned Directorate / Branch at HOPAA and concerned Section at airports / locations for checking HSE compliance. IAR (Improvement Action Report) on **PAAF-002-MSXX** shall be raised / generated in case any non-conformity is observed or if any corrective or preventive action is required. All proceedings of the audit or on-site inspections shall be documented by the respective inspectors.

- 1.3.2.5 All the works, purchase / supplies and services being carried out / rendered by Contractors / Suppliers / Concessionaires shall be liable to monitoring and supervision by PAA's authorized / designated official(s) to ensure their HSE-worthiness. Surprise inspection may be carried out at any time by SQMS Officials.

- 1.3.2.6 The monitoring / supervision so required shall be made under the relevant clause(s) of the contract. The performance monitoring data of contractors with regard to compliance to HSE manual and PAAO will be collected / maintained and documented on periodical basis by the respective DDGs as well as by SQMS Directorate / SQMS teams at locations, to develop necessary corrective / preventive actions accordingly. This significant data of a particular contractor / supplier / concessionaire, will be critically observed and be given due consideration at the time of awarding / continuation / renewals etc of any contract.

- 1.3.2.7 All potential Contractors, Suppliers and Concessionaires shall be informed about the availability of HSE manual which would require compliance from them. The latest version of this Manual shall be posted on the PAA's Official Website www.paa-pakistan.com.pk.

- 1.3.2.8 The concerned Directorate / Branch / Airport / Location shall provide the hard copy of the latest version of HSE Manual to the Contractors / Suppliers / Concessionaires at the time of signing of the Contract Agreements / License Agreements / Lease Deeds / Purchase Orders / Supply Orders, etc.

- a. No work be executed without supervision of concerned representation of OPI Section / Branch, especially at aerodrome.
- b. The representation of OPI section / function shall ensure implementation of preventive control measures during execution of work and corrective measures in case of any abnormal / emergency situation.
- c. All food concessionaires shall preferably be certified in Food Safety Management System ISO 22000: 2017.

- 1.3.2.9 In case of existence of any Contractor's, Supplier's and Concessionaire's HSE Manual having provisions more stringent to this HSE manual, those shall be applicable as far as the currency of that particular contract is concerned.

- 1.3.2.10 All the Contractors, Suppliers and Concessionaires shall be responsible to provide and update bare minimum training / awareness on HSE to their employees and subsequent implementation. Any breach / violation thereof by any of such employee(s) shall be construed upon to be on behalf of that very Contractor, Supplier and Concessionaire. Records pertaining to HSE related training / awareness shall be maintained and provided to concerned PAA official(s) designated by the OPI and/or Representative(s) of PAA's SQMS team.

- 1.3.2.11 The training / awareness described above shall include but not limited to the following: -

- a. Site acquaintance (i.e. Aerodrome / Building layout, Building Evacuation Procedure, etc.)
- b. General aerodrome layout & hazards and handling of standard equipment.





- c. HSE related operational hazards / environmental aspects and risks / environmental impacts associated and related control measures with the particular contract / agreement.
- d. Basic First Aid and other corrective measures.
- e. Application of Permit to Work / Lock Out and Tag Out.
- f. Special MSDS, classification / composition of hazardous material for handling of hazardous material.
- g. Incident(s) / accident(s) including environmental incidents (spills, etc) reporting.
- h. Waste management.
- i. Basic Fire Fighting.
- j. Safe driving.
- k. Response in emergency.
- l. Personal Protective Equipment (PPE).





Chapter 2

GENERAL INFORMATION

2.1 BASIC SAFETY & SECURITY RESTRAINTS

- 2.1.1 The following are some basic safety & security restraints. In case of violation of any of these, Contractors / Suppliers / Concessionaire shall be dealt with in accordance with Rule 91 (Section 10) of CARs 94:

- 2.1.1.1 Possession or use of alcoholic beverages or illegal drugs.
- 2.1.1.2 Possession of un-authorized explosives, firearms, ammunition, and other weapons.
- 2.1.1.3 Violation of any safety or security rules or requirements as laid down in Part VIII, Section 10 of CARs, 94 (Rule 92-110).
- 2.1.1.4 Illegal dumping, handling, or disposal of hazardous materials.
- 2.1.1.5 Demolition or removal, without written permission, of any property belonging to PAA.
- 2.1.1.6 Intimidating, threatening, harassing, impeding or interfering with PAA employee(s) or designated representative(s).
- 2.1.1.7 Misuse of fire prevention and protection equipment.
- 2.1.1.8 Unauthorized removal or destruction of a safety barricade, handrail, guardrail, warning sign, fall projection, or other warning devices intended to protect employees or property.

2.2 SAFETY PERMITS

- 2.2.1 All PAA contractors, suppliers or concessionaires shall obtain prior approval for PTW from PAA's authorized / designated official(s) and follow all the safety requirements, precautions, controls of PPES classified as PTW related tasks as any of the operations mentioned below may present a hazard to people, property and environment.
- 2.2.1.1 Performing burning, welding, cutting, soldering, or other hot work.
 - 2.2.1.2 Working on fire protection / detection systems.
 - 2.2.1.3 Working on electrical, steam, chilled water systems or other energized systems.
 - 2.2.1.4 Installing a temporary electrical service
 - 2.2.1.5 Working with hazardous chemicals (including solvents and paints).
 - 2.2.1.6 Handling, transporting or generating hazardous wastes (including hospital biological waste, waste oil, chemicals, condensate, etc).
 - 2.2.1.7 Using a gas, diesel, or LPG (such as Propane) powered engines.
 - 2.2.1.8 Working on gas pipe lines or associated equipment.
 - 2.2.1.9 Operating a power vehicle or self-propelled work platform.
 - 2.2.1.10 Excavation / trenching.
 - 2.2.1.11 Using radioactive sources or conducting field radiography (x-ray).
 - 2.2.1.12 Working with asbestos & asbestos - containing materials.
 - 2.2.1.13 Working on security systems.
 - 2.2.1.14 Working with compressed air / gases.
 - 2.2.1.15 Working on heating, ventilation, or air conditioning equipment.
 - 2.2.1.16 Working with chemicals, polishing or grinding.
 - 2.2.1.17 Working at heights of more than 06 feet or on roofs.





- 2.2.1.18 Entering or working in confined spaces like fuel tanks, trenches, service shafts, sewer system, etc.
- 2.2.1.19 Lifting or hoisting with cranes or hoists.
- 2.2.1.20 Blasting operations, etc.

2.3 PERFORMANCE MONITORING

- 2.3.1 The Contractors / Suppliers / Concessionaires shall monitor HSE performance of their employees and activities.
- 2.3.2 They shall in addition monitor all those performance monitoring actions agreed between PAA and the Contractors / Suppliers / Concessionaires.

2.4 HOUSE KEEPING

- 2.4.1 All Contractors / Suppliers / Concessionaires shall maintain good housekeeping by keeping work areas neat, clean, orderly, free of excess trash, debris and shall block walkways, stairs, exits, or create a tripping hazard. Poor housekeeping at a job site may lead to an increased potential for safety hazards and an increased frequency of accidents, falls, cuts, spills, leaks, fires or electrocution.
- 2.4.2 Tools, wires, materials shall not be left or haphazardly spread out at the work place.
- 2.4.3 Open holes, trenches, or excavations into which people may fall shall be identified, covered or provided with guardrails.
- 2.4.4 In order to protect the employees and environment, safety blinding shall be provided at all works execution sites, where necessary.

2.5 REPORT OF ACCIDENT, INCIDENT, INJURY OR ILLNESS

- 2.5.1 The area representatives of contractor shall inform fire, electrical, civil inquiries officials each day before start of work.
- 2.5.2 All work related accidents, incidents, fatalities, injuries, and illnesses must immediately be reported to the PAA authorized / designated officials.
- 2.5.3 Every incident / accident happened during execution of contractors' work shall properly be analyzed as per **PAA0-015-MSXX** and if fall in Major / Catastrophic categories be published / mentioned in IOU report by the OPI Section / Branch.





Chapter 3

HAZARDOUS WASTE

3.1 HAZARDOUS WASTE MANAGEMENT

- 3.1.1 Hazardous waste generated by a Contractor / Supplier / Concessionaire as part of its work must be properly identified, stored and disposed in accordance with applicable laws / rules / regulations. The Contractor / Supplier / Concessionaire must coordinate with PAA representative(s) of relevant sections to provide a list of hazardous waste(s) which is / are likely to be generated during the project / activity, and to determine the location(s) for hazardous waste storage.

- 3.1.2 The Contractor / Supplier / Concessionaire must also ensure, at a minimum:

- 3.1.2.1 Proper labeling in terms of MSDS.
 - 3.1.2.2 Adequate secondary containment.
 - 3.1.2.3 Segregation of incompatible materials.
 - 3.1.2.4 Routine inspection of storage areas.
- 3.1.3 In addition, all hazardous waste containers shall be constructed of a material compatible with the waste, in sound condition, and kept securely closed to avoid spill or leakage.

3.2 WASTE DISPOSAL DOCUMENTS

The Contractors / Suppliers / Concessionaires shall be responsible for completing all waste disposal documents as per statutory / regulatory requirements, where applicable and as required by PAA. This may relate to PAA's own waste that is periodically removed for further disposal purposes, or waste created by Contractor / Supplier / Concessionaire while performing a task at PAA premises / areas under PAA's jurisdiction. PPI shall also ensure all normal wastes are also removed by the contracts.

3.3 TRAINING

Contractor / Supplier / Concessionaire must ensure that their employees are appropriately trained in hazardous waste management procedures. In the event a Contractor / Supplier Concessionaire encounters unidentified material that is reasonably believed to be hazardous (radioactive, volatile, corrosive, flammable, explosive, magnetic, infectious, toxic), the Contractor / Supplier / Concessionaire shall immediately stop work in the affected area and report the condition to the PAA's authorized / designated official(s). At no time shall such material be disposed in chutes, drains, pipes or in any other unauthorized manner.

3.4 TRANSPORTATION AND DISPOSAL OF HAZARDOUS MATERIALS

- 3.4.1 Transportation of hazardous materials on PAA property shall be conducted in accordance with PAA specified instructions. It shall not be disposed to burn or be used in a manner that is harmful to people or environment. While transporting hazardous materials, Contractor / Supplier / Concessionaire shall ensure that no harm is done to people or environment because of poor containers, packing, covering, lashing, fixing, loading, stacking or improper vehicle or mode of transport.
- 3.4.2 All transportation of dangerous / hazardous goods and materials by air shall be conducted strictly in accordance with provisions of Part XVI, Sections 1-3 and 5-6 of the Civil Aviation Rules, 1994.

3.5 SPILL PREVENTION AND CONTROL

- 3.5.1 Based on the inventory of oil and hazardous chemicals that will be brought on-site, the Contractor / Supplier / Concessionaire shall have available equipment (e.g. secondary containment pallets, absorbent pads, absorbent booms, speed-dry etc.) that is suitable and sufficient to control a potential spill / release.





3.5.2 The Contractor / Supplier / Concessionaire is responsible for identifying outlets to the environment (e.g. sumps, sewers, storm / floor drains, etc.) and adequately minimizing spill potential to these areas.

3.5.3 The Contractor / Supplier / Concessionaire is responsible for the proper storage of all flammable and combustible chemicals that are brought and/or stored on site to complete the work. Such storage may require the use of safety containers, safety cabinets, and/or secondary containment.

3.5.4 The Contractor / Supplier / Concessionaire shall also ensure that any incompatible chemicals are safely segregated. The Contractor / Supplier / Concessionaire is responsible for maintaining and securing all chemical containers and all chemical storage-areas. This requires selecting locations and methods to minimize exposure to rainfall, surface water, and the ground surface or subsurface.

3.5.5 The Contractors / Suppliers / Concessionaires must ensure that their employees are adequately trained in spill control procedures and are aware of the use of spill control kits.

3.5.6 In the event of a release or spill, the Contractor / Supplier / Concessionaire must immediately inform PAA's authorized / designated official(s).

3.6 AIR EMISSIONS

3.6.1 Any conditions discovered which could result in an increase in air pollutant emissions must immediately be reported to the PAA's authorized / designated official(s).

3.6.2 Contractors / Suppliers / Concessionaires activities should not cause unacceptable level of emissions (emissions not meeting NEQS – National Environmental Quality Standards).

3.6.3 Contractors / Suppliers / Concessionaires shall immediately notify the PAA's authorized / designated official(s) whenever they become aware of any unintentional or intentional release of OFCs (Chloro-Fluoro Carbons), Halons etc.

3.7 WASTE WATER DISCHARGES

3.7.1 Waste water must NOT include any corrosive, flammable, or toxic substances / hazardous liquid, etc.

3.7.2 Contractor / Supplier / Concessionaire must ensure no waste water is discharged that violates NEQS.

3.8 BIOLOGICAL / CHEMICAL / RADIOACTIVE HAZARDS

3.8.1 Some PAA operations may involve the use of biological, chemical, or radioactive material that can be hazardous to persons or property, if not handled or disposed safely. Contractors / Suppliers / Concessionaire will mark the areas where work with biological, chemical, or radioactive materials is being performed with proper signs.

3.8.2 The Contractor / Supplier / Concessionaire shall not disturb damage or otherwise handle any suspected asbestos containing material.

3.8.3 The Contractor / Supplier / Concessionaire shall not sweep, dust, vacuum or mop dust / debris which are the product of a suspected asbestos containing material. The Contractor / Supplier / Concessionaire shall also not pick up or throw away any suspected asbestos-containing waste or trash.

3.8.4 Sand blasting, grinding, drilling, brazing, scraping, polishing of floors and other dust emitting surfaces will be done by persons wearing appropriate PPEs.

3.9 HAZARDOUS MATERIALS AND HAZARD COMMUNICATION

3.9.1 Hazardous materials shall not be handled or used by the Contractor / Supplier / Concessionaire without providing training to the concerned employees.

3.9.2 No solvents, paints, or similar flammable, toxic, or irritating materials shall be used in PAA premises / areas under the jurisdiction of PAA unless specifically authorized by PAA.

3.9.3 Adequate ventilation shall be maintained when paints or solvents are used.





- 3.9.4 Flammable solvents and materials shall be used with extreme caution.
- 3.9.5 It shall be ensured that flammable paints and solvents are isolated and stored in approved locations, if inside the building.
- 3.9.6 The Contractor / Supplier / Concessionaire shall submit an inventory of all hazardous chemicals / liquids / materials that are brought on-site or sold to PAA. These should be accompanied by MSDS.
- 3.9.7 The Contractor / Supplier / Concessionaire shall also ensure that all containers that are brought on site for the storage of hazardous chemicals (e.g., gas, paint, etc.) are labeled and inspected for correctness.
- 3.9.8 The Contractor / Supplier / Concessionaire shall remove at earliest all hazardous chemicals that it brings on-site when work involving a specific hazardous chemical has been completed.





Chapter 4

SPECIFIC SAFETY REQUIREMENTS

4.1

4.1 CONFINED SPACE ENTRY

4.1.1 Contractor / Supplier / Concessionaire will obtain Confined Space Entry Certificate before entering / working in confined spaces. If during the course of work, the Contractor

/ Supplier / Concessionaire encounters a confined space that has not been previously identified by the PAA, it must immediately bring the space to the attention of the PAA's authorized / designated official(s), and delays entry until the space is examined by the PAA's authorized / designated official

4.1.2 When PAA and Contractor / Supplier / Concessionaire personnel are working in or near confined spaces, the Contractor / Supplier / Concessionaire shall coordinate all operations, with likely-to-be-affected PAA personnel before entry.

4.1.3 Prior coordination shall also be required on entering a confined space with or without a PAA employee

4.2

4.2 LOCK-OUT / TAG-OUT (WHERE APPLICABLE)

4.2.1 As part of PAA's Electrical Isolation / De-Isolation permit requirement, standard locks and tags are used to control the start-up of equipment that is being serviced or maintained by its employees. At no time shall the Contractor / Supplier / Concessionaire or its employees override any locks or tags that they encounter during the performance of their work.

4.2.2 The Contractors / Suppliers / Concessionaires are responsible for developing, implementing and maintaining their own Lock-out / Tag-out Program.

4.2.3 The Contractor / Supplier / Concessionaire shall submit a copy of its Lock-out / Tag-out Program to the PAA's authorized / designated official(s) before the start of any work.

4.3

4.3 GENERAL ELECTRICAL SAFETY

4.3.1 Temporary electrical connection(s), where required, shall be obtained from PAA as per the prescribed procedure only.

4.3.2 Only qualified electricians are permitted to work on electrical systems and equipment that use or control electrical / power.

4.3.3 Electrical tools or equipment shall not be operated in wet areas or areas where potentially flammable dusts, vapors, gases, or liquids are present, unless specifically approved.

4.3.4 Should a circuit breaker or other protective device "trip," it is to be ensured that a qualified electrician checks the circuit and equipment and corrects problem before resetting the breaker. Moreover, there should always be a provision for safety isolation of the circuit where needed

4.3.5 Barriers and post warning signs shall be erected to ensure that the non-authorized personnel stay clear of the work area.

4.3.6 Hazards (lack of protective guards or covers, damaged equipment, etc.) shall be reported to the PAA's authorized / designated official(s) immediately.

4.3.7 Electrical boxes, switch gear, cabinets, or electrical rooms shall not be left open when not directly attended.

4.3.8 It shall be ensured to insulate energized parts when have been removed or doors are closed. Use of cardboard, plywood or other flammable to cover energized circuits is prohibited.

4.3.9 Proper grounding / earthing and arc quenching, where required, shall be ensured.

4.3.10 The size of the cable / conductor should match with the actual on-site requirement.





COMPRESSED GAS CYLINDERS

The following measures must be taken for the protection of persons and property:

- 4.4.1 All the cylinders brought in by the Contractors / Suppliers / Concessionaires shall have valid test certificates performed by a certified testing agency.
 - 4.4.2 Pressure and leak testing shall invariably be carried out and documented in all jobs associated with compressed gas or liquid handling.
 - 4.4.3 Valve protection caps must be in place when compressed gas cylinders are transported, moved, or stored.
 - 4.4.4 Cylinder valves must be closed and valve covers must be replaced when work is complete and when cylinders are empty or moved.
 - 4.4.5 Compressed gas cylinders must be secured in an upright position in a welding cart or to a solid object (using chains, straps, or a rigid retaining bar).
 - 4.4.6 Compressed gas cylinders must be secured on an approved carrier while being transported.
 - 4.4.7 Cylinders shall be kept at a safe distance or shielded from welding or cutting operations. Cylinders shall not be placed where they can contact an electrical circuit.
 - 4.4.8 It shall be ensured to keep oxygen and flammable gas regulators in proper working order and a wrench in position on the acetylene valve when in use.
 - 4.4.9 If a leak develops in a cylinder and it cannot be immediately corrected, the cylinder shall be moved to a safe location outside the building / away from the location of work.
 - 4.4.10 Cylinders must not be taken into or stored in confined spaces.
 - 4.4.11 Empty & filled cylinders must be kept separately.
 - 4.4.12 Hoses and regulators must not be stored in unventilated or closed containers or areas.
- 4.5 WELDING, CUTTING AND BRAZING**
- The Contractors / Suppliers / Concessionaires shall ensure the following:
- 4.5.1 Obtain PTW.
 - 4.5.2 Inform PAA's authorized / designated official(s) prior to the start of any welding / cutting / brazing work.
 - 4.5.3 Remove combustible materials from the area before beginning work.
 - 4.5.4 Install anti flashback (safety / check) valves in both the oxygen / acetylene hoses at the regulator.
 - 4.5.5 Shield adjacent areas with welding partitions.
 - 4.5.6 Persons involved are adequately trained in using portable fire extinguishers.
 - 4.5.7 Have a second person trained in basic firefighting as standby with an approved fire extinguisher for welding and cutting operations.

CRANES AND RIGGING

- 4.6.1 Each crane or hoist brought onto PAA property must have a valid inspection testing performed by a certified testing agency.
- 4.6.2 The operator is responsible for the proper placement of the crane in relationship to the load to be handled and the landing area so as to obtain the best rated lift capacity, and the installation and maintenance of crane swing radius protection.
- 4.6.3 All operators must possess a valid crane / hoist operating / driving license as applicable.





4.7

FITNESS

4.7.1 Suppliers / Contractors / Concessionaires shall ensure that all their personnel working in PAA premises are medically fit to perform their assigned tasks.

4.7.2 If requested by PAA, Contractors / Suppliers / Concessionaires shall provide the fitness / health certificates of their employees.

4.8

DRIVING

4.8.1 All Contractors' / Suppliers' / Concessionaires' vehicles while in PAA premises or performing PAA duties shall adhere to speed limits (applicable in that particular zone), and also comply with all other traffic and road safety regulations of PAA.

4.8.2 The drivers should be in possession of valid driving license.

4.8.3 All Contractor / Supplier / Concessionaire vehicles should have:

4.8.3.1 Standard seat belts. The seat belts should be neat and clean and in proper working condition.

4.8.3.2 Standard fire extinguisher.

4.8.3.3 Standard first aid box.

4.9

INDEMNITY

Suppliers / Contractors / Concessionaires shall keep harmless and indemnify Pakistan PAA against all losses, damages, injuries, death of any person, claims, actions, third party action arising out of acts and omissions by their employees/ personnel or non-compliance with the terms and conditions as stated herein and/or any applicable laws and regulation. Contractor shall take clearance with concerned offices before handing / taking over the area to be restored on the same condition(s) as was/were before start of work (as per contract agreement).





APPENDICES



APPENDICES

APPENDIX-A

2A

PAKISTAN CIVIL AVIATION AUTHORITY
INTEGRATED MANAGEMENT SYSTEM POLICY

Pakistan Civil Aviation Authority (CAA) is committed to regulate aviation activities effectively and to provide a world class service provider. The Aviation Industry, Safety, Security, Quality and Environmental protection is a key to the success of the CAA. CAA is committed to develop, implement, maintain and continuously improve its Safety and Performance. CAA commits to develop, implement, maintain and continuously improve an effective and proactive Integrated Management System in accordance with the requirements of National Standards, and International Standards contained in CAA Annexes, Aviation Safety & Security Management Systems, Quality Management System, Information Security Management System, Environmental Management System, Energy Management System, Customer Relationship and Occupational Health & Safety Management System.

- ✦ **Pelican CAA ensures that:**
 - ✦ Continually improve the Safety performance, Security measures and quality of its activities, products & services, prevent significant environmental pollution, and take care of the health & safety of its employees and stakeholders.
 - ✦ Implement Energy conservation program in the organization including use of renewable/alternate energy resources.
 - ✦ Provide services of highest possible standard to meet customer satisfaction.
 - ✦ Implement National Civil Aviation Security Program to safeguard against unlawful interference.
 - ✦ Implement an effective Quality Control Program to ensure satisfactory security measures in compliance with National and international obligations for reducing Security Risks in aviation business.
 - ✦ Protect information in all its forms from accidental or intentional unauthorized modification, destruction or disclosure throughout its life cycle and ensure appropriate level of security over the equipment and software used to process, store and transmit that information.
 - ✦ Comply with the applicable legislation and regulatory requirements concerning its activities, products and services.
 - ✦ Adopt zero tolerance towards violation of procedures and standards pertaining to its operation.
 - ✦ Provide adequate resources and frameworks for identification, hazard reporting and safety risk management.
 - ✦ Provide mechanism for setting up and review of KMS objectives and targets.
 - ✦ Take effective measures to continually improve its system and provide training to employees on safety, Security, Quality and Environmental issues to enable them in carrying out their jobs in a safe, efficient and compliant manner.
 - ✦ Develop a Safety and Quality culture in all activities and services which fosters safe practices, encourages non punitive safety reporting & communication by recognizing that safety is paramount at all times.
 - ✦ Prevent occupational injury and ill-health by managing safety risks at workplace and promoting a culture in which all its employees work in a Safe, and Healthy environment.
- ✦ All management levels and every employee of Pelican Civil Aviation Authority are accountable and responsible to meet their obligations toward Safety, Security, Quality and Environmental protection and the delivery of highest level of safety / Security performance.

(TAUHAMMAD IRFAN EL AHI)

Sq. Ldr. (Retd.)
Secretary Aviation/
Chairman CAA Board

31" August 2016

0176-8674(200103)23:3;1-5

(ASIM SULEIMAN)

Air Marshal | Retired

Director General

Pakistan Civil Aviation Authority

2A

۱۔ غلطی کی وجہ سے / غلطی تو انسانی ہے سو اس کے استعمال سے سوچنا اور جاننا کے لیے غلطی پر عمل درآمد کرنا۔

یہ صاف لکھ کر دیا کہ اس کے لئے اس طرح کے کاموں کو کرنے کی ضرورت ہے۔

پیشہ خیر خواہانوں کی طرف سے کثرتاً رہنے کے لیے جاری کیا گیا ہے۔

1000

ہوا بازی کی صنعت میں انقلاب لایا۔ اس کے بعد اس کی طرف سے بہت سی کامیابیوں کا اعلان کیا گیا۔

یہ اہم سرگرمیاں و خدمات پر ان کو انعامات و اعزازات بھی دینا چاہیے۔

اسیچر کام کے لئے انکار اور دیو شریف کی خود قرضہ دہی کے خلاف

عمر سعد بنی : کاظمی و شاکری اور ان سے چھوڑ کر امام جعفر کے اہل بیت کے اہم ترین علمائے کرام ہیں۔

[illegible]

الحمد لله الذي جعل في كل شيء
دلالة على قدرته وقوته

[illegible]

یہی شاعر کہنے کو توڑتا ہے، مگر

یہ فراموش کی جا سکتی ہے کہ ان لوگوں کے لئے جو کہ ان کے لئے ایک ایسے تہذیبی مرکز بنیں جس میں خدایوں کی اور محبت

مجلساً اصولیاً تمام کر گیا۔

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(محمد عرفان الحق)

[illegible]

سنگرم پورنی ایجنسی انڈین / جہاز چھان بین کی اسے اسے پورا

31st March 2016

Policy-001-245XX-4.0

Omni Libere

(ج) امتداد لمصداق

ایزہارٹ (ریٹائرڈ)

ڈاکٹر میٹر ہنریل پاکستان صوبائی ایسٹن اتھارٹی



PAKISTAN AIRPORTS AUTHORITY SUPPLIER'S / CONTRACTOR'S / CONCESSIONAIRE'S AUDIT		PAAF-017-MSXX-2.0	
Directorate of Safety & Quality Management System (SQMS)			
Contractor/Supplier/Concessionaire Name		Date of Inspection	
Contract / Agreement For		Location	
S.NO	CHECKED FOLLOWING ISSUES	COMPLIANCE	REMARKS
1.	Are proper PPEs worn by Contractor/ Contractor's staff?		
2.	Is PTW taken and implemented?		
3.	Was contractor briefed on Contractor/Supplier/ Concessionaire HSE- Manual		
4.	Check for contractor's House Keeping		
5.	Check if waste disposal is safe and appropriate		
6.	Does contractor have its own system to monitor / control HSE Performance of work being done?		
7.	Did you observe any other non-compliance, unsafe practice being followed by Contractor's staff?		
8.	Are cranes/ hoists and riggings accompanied by annual inspection test report of certified testing agency and operators of the same have valid crane / hoist operating / driving license		
9.	Others (to be specified)		



Signature of Auditor

Signature:

Date of Audit

PAKISTAN AIRPORTS AUTHORITY
WASTE DISPOSAL RECORD

PAAF-018-XXMS-1.0

(Name of Directorate/Branch/Airport/Location/MR/DMR)

Waste disposal record for the Month:

Location/Zone:

Symbol	Colour code	Category of waste	Quantity / Volume/ Weight /size	Agency / contractor who picked and disposed the waste.
PP	Blue	Paper		
M	Blue	Metal		
PL	Blue	Plastic		
R	Blue	Rubber (tyres/ tubes etc.)		
W	Blue	Wood		
O	Red	Oils, greases, chemicals, paints ... HAZARDOUS		
H	Red	Hospital related biological waste ... HAZARDOUS		
C	Red	Condensate ... HAZARDOUS		

Ensure HAZARDOUS waste is not mixed or disposed along with normal municipality waste. Ensure Hospital waste is incinerated.

Prepared by: _____

Signature: _____

Date: _____





m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
1	Cutting to a required gradient in all kinds of soil (except rock) and dressing the ground by bulldozers, grader or scraper including disposal of excavated stuff within 3 chains (91.5 Rm) including all lifts as required.	100 Cft	7,200.00 Cft			
2	Excavation for foundation trenches and drains in all kinds of soil (except gravelly and murum soil, wet silt, clay or mud conglomeration of gravel and boulders, soft, sandy or disintegrated sandy and hard rock) and back filling the excavated material in foundation, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	100 Cft	39,690.00 Cft			
3	Supplying and laying machine crushed 2" to 1/2" (51 mm to 13 mm) stone ballast of approved grade and quality in sub-base or base courses in required grade and camber and compacting to the required density by approved mechanical means (Vibratory Roller, Road Packer and Smooth Wheel Roller etc.) including watering with all lead and lift complete. (actual compacted depth shall be considered for payment)	100 Cft	7,938.00 Cft			
4	Providing and carrying out termite proffing in foundations, under floors and wood work surface with a solution using of confront TC with water and spraying the solution of the area to be treated as completed as per direction of Engineer incharge.	P.Sft	9,600.00 Sft			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
5	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using crushed graded boulders (machine broken) 1 inches (51 mm) and down gauge in foundation including levelling, compacting and curing etc. complete.	100 Cft	1,984.00 Cft			
6	P/L RCC using crushed graded boulders 3/4" & down gauge with lawrencepur sand having min.works cube crushing strength of 3750 PSI at 28 days with a mix not leaner than 1:1-1/2:3 i/c form work & its removal compacting & curing etc. complete but excluding the cost of steel reinforcement...		-			
i	In column Raft foundation of required size.	100 Cft	12,916.00 Cft			
ii	In footing column in foundation basement and plinth.	100 Cft	244.00 Cft			
iii	In plinth beams of required shape and design in foundation basement and plinth.	100 Cft	1,316.00 Cft			
iv	In columns of square or rectangular shape in G/floor superstructure.	100 Cft	1,296.00 Cft			
v	In straight beams, cantilever beams of required shape/section in basement and ground floor.	100 Cft	1,360.00 Cft			
vi	In ordinary slab 5" to 6" thick in basement, plinth and ground floor.	100 Cft	3,200.00 Cft			
vii	In ordinary slab more than 6" thick in basement, plinth and ground floor.	100 Cft	126.00 Cft			
viii	In straight stairs and landing G/F	100 Cft	80.00 Cft			
ix	In lintels of required size in G/floor.	100 Cft	386.00 Cft			
x	In shelves 1-1/2" to 2" thick in ground floor.	100 Cft	26.00 Cft			
xi	In columns of square or rectangular shape in 1st floor	100 Cft	1,296.00 Cft			
xii	In straight beams, cantilever beams of required shape/section in 1st floor	100 Cft	1,466.00 Cft			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
xiii	In ordinary slab 5" to 6" thick in 1st floor.	100 Cft	3,204.00 Cft			
xiv	in cantilever chajja F/F	100 Cft	126.00 Cft			
xv	In straight stairs and landing .F/F	100 Cft	80.00 Cft			
xvi	In lintels of required size in 1st floor.	100 Cft	226.00 Cft			
xvii	In shelves 1-1/2" to 2" thick 1st Floor.	100 Cft	26.00 Cft			
xviii	In columns of square or rectangular shape in 2nd floor	100 Cft	1,296.00 Cft			
xix	In straight beams, cantilever beams of required shape/section in 2nd floor	100 Cft	1,466.00 Cft			
xx	In ordinary slab 5" to 6" thick in 2nd floor.	100 Cft	3,204.00 Cft			
xxi	in cantilever chajja 2nd/F	100 Cft	126.00 Cft			
xxii	In straight stairs and landing .2nd/F	100 Cft	80.00 Cft			
xxiii	In lintels of required size in 2nd floor.	100 Cft	226.00 Cft			
xxiv	In ordinary slab 3" to 5" thick in 2nd floor.	100 Cft	26.00 Cft			
xxv	In columns of square or rectangular shape in 3rd floor	100 Cft	1,322.00 Cft			
xxvi	In straight beams, cantilever beams of required shape/section in 3rd floor	100 Cft	1,466.00 Cft			
xxvii	In ordinary slab 5" to 6" thick in 3rd floor.	100 Cft	3,204.00 Cft			
xxviii	in cantilever chajja 3rd/F	100 Cft	126.00 Cft			
xxix	In ordinary slab 3" to 5" thick in 3rd floor.	100 Cft	80.00 Cft			
xxx	In over head water tank, beams, etc in 3rd Floor	100 Cft	226.00 Cft			
xxxi	In ordinary slab 3" to 5" thick in 3rd floor.	100 Cft	26.00 Cft			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
xxxii	In columns of square or rectangular shape in 3rd floor Mumty.	100 Cft	68.00 Cft			
xxxiii	In straight beams, cantilever beams of required shape/section in 3rd floor Mumty.	100 Cft	124.00 Cft			
xxxiv	In ordinary slab 3" to 5" thick in 3rd floor Mumty.	100 Cft	240.00 Cft			
xxvi	In a square of rectangular bottom slab of over head water tankin 3rd Floor.	100 Cft	600.00 Cft			
8	Providing and fixing plain polyvinyle chloride (PVC) water stops 12" (305 mm) wide in vertical or horizontal expansion joints including cutting and jointing etc. complete in all floors.	P.Rft	90.00 Rft			
9	Providing and mixing water proofing agent cemcon in cement mortar of any description in any floor @ 0.25ltr/Bag.	P.Ltr	28.00 Ltr			
10	Providing and laying dado and skirting etc. 7/8 inch (22 mm) thick consisting of 3/8 inch (9.5 mm) thick topping 1:2 (one grey cement 2 marble chips 0 to 4 No.) in 2nd floor over 1/2 inch (13 mm) thick cement mortar base 1:4 with grinding, rubbing, polishing and curing etc. complete.	100 Sft	556.00 Sft			
11	Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or m.s. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension .	P.Kg	158,892.92 Kg			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
12	P/L 1st class solid burnt brick masonry in straight or curved walls set in cement mortar i/c racking out joints scaffoldings & curing etc. complete as directed:					
ii	ii)-----do----- 9" to 13-1/2 inches thick complete in foundation , basement and plinth CM 1:6	100 Cft	2,412.00 Cft			
iii	iii)-----do----- 9" to 13-1/2" thick in G/floor superstructure in CM 1:6	100 Cft	7,680.00 Cft			
13	iv)-----do----- 9" to 13-1/2" thick in 1st floor superstructure in CM 1:6	100 Cft	7,680.00 Cft			
14	v)-----do----- 9" to 13-1/2" thick in 2nd floor superstructure in CM 1:6	100 Cft	6,960.00 Cft			
15	v)-----do----- 9" to 13-1/2" thick in 3rd floor superstructure in CM 1:6	100 Cft	7,680.00 Cft			
16	v)-----do----- 9" to 13-1/2" thick in 4th floor superstructure in CM 1:6	100 Cft	766.00 Cft			
17	vi) 4-1/2" or less in thickness in G/floor in CM 1:4	100 Cft	1,114.00 Cft			
i	vii)-----do----- 4-1/2" or less thickness in 1st floor in CM 1:4	100 Cft	1,114.00 Cft			
ii	vii)-----do----- 4-1/2" or less thickness in 2nd floor in CM 1:4	100 Cft	1,114.00 Cft			
iii	vii)-----do----- 4-1/2" or less thickness in 3rd floor in CM 1:4	100 Cft	1,114.00 Cft			
18	P/F of Dowel pin bar 1/4" dia 1'-0" long up to 3" in the column and 9" in wall @3'- 0" centre to centre i/c the cost of drilling in the coulumn complete as per direction of Engineer-in-Charge	P.Rft	2,304.00 Rft			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
19	Providing and fixing M.S. moulded steel door frames manufactured from mild steel sheet of 18 gauge (1.41 mm) conforming to B.S.S. 1245, provision of 3 Nos. M.S. plate, section 1-1/2" x 1/4" (38 mm x 6 mm) (2 Nos. 6 inch long welded with frame at not less than 10 points and 1 Nos. 12 inch long welded with frame at not less than 20 points), with holes and threads for fixing steel hinges, fitted with one locking box of same sheet (point welded inside the frame), 6 Nos. 6 inches long flat iron fixing lugs of 1-1/4" x 3/16" section, treated with special red oxide primer coat all around including cutting holes and filling the cavity with cement concrete 1:2:4 etc. in any floor at any height complete as directed by the Engineer-in-Charge.					
i	(i) of 5.73" x 2-1/2" having a single/double rebate size 1-1/2" x 1/2".	P.Rft	2,112.00 Rft			
ii	(ii) of 10" x 2-1/2" having a double rebate size 1-1/2" x 1/2".	P.Rft	4,852.00 Rft			
20	1/4" (6.4 mm) thick cement plaster 1:3 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc., complete					
		100 Sft	6,752.00 Sft			
i	Do but in first floor	100 Sft	6,752.00 Sft			
ii	Do but in 2nd floor	100 Sft	6,752.00 Sft			
iii	Do but in 3rd floor	100 Sft	6,752.00 Sft			
iv	Do but in 4th floor	100 Sft	1,584.00 Sft			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
21	1/2" (13 mm) thick cement plaster 1:6 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc., complete.	100 Sft	13,400.00 Sft			
i	Do but in first floor	100 Sft	13,400.00 Sft			
ii	Do but in 2nd floor	100 Sft	13,400.00 Sft			
ii	Do but in 3rd floor	100 Sft	13,400.00 Sft			
ii	Do but in 4th floor	100 Sft	1,496.00 Sft			
22	3/4" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, comers, and curing etc, complete.	100 Sft	5,904.00 Sft			
ii	Do but in first floor	100 Sft	5,904.00 Sft			
iii	Do but in 2nd floor	100 Sft	5,904.00 Sft			
iv	Do but in 3rd floor	100 Sft	5,904.00 Sft			
v	Do but in 4th floor	100 Sft	1,496.00 Sft			
23	Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches and down gauge with levelling and ramming, watering and curing etc. complete.	100 Cft	10,470.00 Cft			
24	Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches and down gauge in FF with levelling and ramming, watering and curing etc. complete.	100 Cft	1,988.00 Cft			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
25	Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches and down gauge in 2nd floor with levelling and ramming, watering and curing etc. complete.	100 Cft	1,988.00 Cft			
26	Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 1 inches and down gauge in 3rd floor with levelling and ramming, watering and curing etc. complete.	100 Cft	1,988.00 Cft			
27	Providing and laying light colour, glazed/non skid vitrified porcelean tiles (Polished) exceeding 1600 Sqcm and upto 3600 Sqcm each, (Pak made) on walls and floors, in any floor, laid with dry bond (stile bond) over a base of 1" thick cement mortar (1:3) including jointing to tiles with joint filler of approved quality as per direction of the Engineer incharge.	100 Sft	30,310.00 Sft			
28	Providing and fixing 10mm thick first grade Pakistani glazed tiles of National on facing of approved size colour/shade on walls, columns and pillars etc in ground floor over 1/2" (13mm) thick base of cement motar 1:3 setting of tiles in slurry of grey cement over mortar base, including filling the joint and washing the tiles with cement slurry of matching colour, (by using white cement mixed with pigment) curing and cleaning etc. complete as per direction of the engineer-in-charge.	100 Sft	3,028.00 Sft			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
29	Providing and laying floor of 1 inch (25 mm) thick Granite marble tiles of Pakistani origin, fine dressed on the surface without winding in ground floor over 1 inch (25 mm) cement mortar 1:4 (one cement, four sand) setting the marble tiles with grey cement slurry over cement mortar, jointing and washing the tiles with white cement slurry including curing, rubbing and polishing etc. complete including the cost of mortar.					
i	more than 3 Sq.ft. upto 5 Sq.ft for stair/steps(in treads, risers and midstair landings) G/F.	100 Sft	704.00 Sft			
ii	more than 5 Sq.ft. upto 7 Sq.ft for stair/steps(in treads, risers and midstair landings) G/F.	100 Sft	640.00 Sft			
iii	Extra for making nosing of treads as per design and instructions of the Engineer-in-Charge.	P.Rft	1,056.00 Rft			
iv	Making Grooves in Stair Trades (anti skid Grooves) complete as per direction of Engineer Incharge	P.Rft	2,208.00 Rft			
30	Providing and fixing 1-1/2 inch (38 mm) thick best quality deodar wood shutters fully panelled with same wood, approved iron hinges and tower bolts, etc., as required..	P.Sft	4,864.00 Sft			
31	Providing and fixing approved heavy type iron handles 5" (127 mm) size with necessary iron screws.	Each	226.00 Nos.			
32	Providing and fixing approved heavy type iron sliding or aldroke bolts 6" x 1/2" (152 mm x 13 mm) size with necessary iron screws, iron bolts and nuts .	Each	226.00 Nos.			
33	Providing and fixing with C.P. brass screws main door handle type yale lock (Italy make) of approved design, cutting wood etc., to required size, with two operating keys, as per direction of the engineer-in-Charge.	Each	226.00 Nos.			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
34	Providing and fixing with brass screws lucky / KGI Latch lock set of approved design (Taiwan) cutting wood to required shape and size with two operating keys as per direction of the Engineer-in-Charge.	Each	96.00 Nos.			
35	Providing and fixing with brass screws or specialty supplied screws hydraulic door closer Rayobi of approved design No.72, japan make, cutting wood etc., to required shape and size as per direction of engineer-in-charge.	Each	98.00 Nos.			
36	Providing and fixing fully glazed Champagne anodized aluminium Sliding windows as per British standard manufactured by Lucky, Prime, Chawla, Krudson and Pakistan Cables (fixing through their approved fabricators), Prime model box section 101mm x 30mm and 1.6mm thick including the cost of aluminium netting ,fittings, with all accessories cutting hole etc. and making good damages to walls etc. complete as required in any floor as per direction of engineer-in-charge, but excluding the cost of glass pans.	P.Sft	1,664.00 Sft			
37	Providing and fixing Tinted glass panes 5mm thick to M.S. Box pipe / Aluminium doors, windows and ventilators etc including the cost of labour but excluding the cost of M.S. square pipe beading, rubber packing and screw in any floor at any height.	P.Sft	1,664.00 Sft			
38	Providing and fixing MS Pipe size 3" dia, 16 Gauge using vertical supports for stair painted with two coats of red oxide paint including cutting to required section, welding etc cutting holes and making good damages to walls etc. complete as required.	P.Rft	200.00 Rft			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
39	Providing and fixing stair railing 3 feet height of M.S Square pipes 1-1/2" 1-1/2", 16 Gauge vertical on alternate step and M.S square pipe 3/4" x 3/4", 16 SWG 2 Nos, horizontal pipes and 2-1/2" x 2-1/2", 16 SWG, MS Suare pipe as top rail as per approved design including cutting, welding making holes fixing with sunk iron screws, painting two coats of red oxide paint etc. complete as required in any floor.	P.Rft	200.00 Rft			
40	Providing and fixing kitchen cabinet wall mounted of 3/4" thick laminated board with best quality deodar wood frame and beading required section in approved patteren etc, fixed on wall eith rawal pugs, screws i/c cost of glue, nall, piano hinges, handles and painting or polishing etc as drawings complete all as respect.					
i	Wall mounted with 1/8" thick hard board backing.	P.Sft	416.00 Sft			
ii	Floor mounted	P.Sft	3,080.00 Sft			
41	Providing and fixing approved chromium plated brass handles 5" (127 mm) size heavy type with necessary brass screws.	Each	512.00 Nos			
42	Painting with (ICI) Dulux plastic emulsion paint VIP of approved shade two coats over and including the cost of one priming coat complete over plastered surface at any height in any floor .	100 Sft	82,192.00 Sft			
43	Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.	100 Sft	23,904.00 Sft			
44	Painting iron work with synthetic enamel paint of approved make and shade two coats over and including the cost of one priming coat complete at any height in any floor.	100 Sft	5,404.00 Sft			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
45	Painting wood work with synthetic enamel paint of approved make and shade two coats over and including the cost of one priming coat complete at any height in any floor.	100 Sft	9,728.00 Sft			
46	Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and colour pattern laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer Incharge. (the cost of sand cushion is included)					
i	b) Average Strength 5000 Psi	P.Sft	31,500.00 Sft			
47	Providing a two coats of bitumen emulsion at 10 Lbs. per % sft. (0.49 Kg/sm) on walls and floor in ground floor.	100 Sft	6,902.00 Sft			
48	Providing and laying double layer of polythene sheet of 500 gauge (0.005 or 0.13 mm thick) under floors for water proofing laid as per specifications and instructions of the Engineer-in-Charge in ground floor.	100 Sft	6,902.00 Sft			
49	Providing and Fixinf of Diamond Jumbolon insulation board 1-1/2" thick and polyphone sheet over diamond jumbolon insulation board for Roof Insulation as per direction of the Engineer Incharge in any floor in any height.	P.Sft	6,902.00 Sft			
50	Providing and laying 1st class burnt clay tiles of 9" X 4-1/2" X 1-1/2" size grouted with 1:3 cement mortar over 4" thick (avg) puddled earth compacted and smooth finished to slope mixed with bhoosa at the rate of one seer of bhoosa for one cft. of puddled earth in ground floor including flush pointing on tiles works with 1:3 cement mortar and curing complete.	100 Sft	6,902.00 Sft			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
51	Providing and fixing galvanized iron sheet of 22 gauge (1.15 mm thick) wall surface with sunken galvanized iron screws of required size as per direction of the Engineer-in-Charge.	P.Sft	1,120.00 Sft			
52	Providing and fixing 2" dia stainless steel pipe (18 gauge) railing alongwith 4 Nos 3/4" dia parallel pipe having S/S pipe vertical post 2" dia at 3 ft C/C average spacing and 4" dia vertical post at start turning and end point i/c cost of labour, welding charges fitting & fixing in marble floor and wall etc complete as per direction of the Engineer incharge.	P.Rft	920.00 Rft			
53	Providing and fixing windows roll up blinds sunscreen, darkout, or translucent fabric any colour / shade best quality (imported) with manual roll up arrangements complete in all respect with all other required accessories and hardware from the approved suppliers and manufactureres and hardware from the approved suppliers and manufacturers, as per direction of Engineer Incharge.	P.Sft	1,600.00 Sft			
54	Providing and laying 1:2:4 cement concrete Khurras 2" (51 mm) thick 2 ft. x 2 ft. (610 mm x 610 mm) size on roof including finishing with cement plaster 1:4, curing etc. complete.	Each	20.00 Nos			
55	Providing and fixing 4" (100 mm) dia polyvinyl chloride rain water (PVC) down pipe with mild steel clamps, bolts and nuts fixed in cement concrete 1:2:4 etc. complete.	P.Rft	280.00 Rft			
56	Providing and fixing 4" (100 mm) dia polyvinyl chloride (PVC) bend of any degree for rain water down pipe with clamps, bolts and nuts in cement concrete 1:2:4 etc. complete.	Each	8.00 Nos			

Sub Head II - Water Supply & Sanitary Installations

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
1	Providing and fixing best quality squatting type white glazed earthenware W.C Pan, Pakistani (of not less than 18 Inches clear opening as measured between flushing rims) complete with and including the cost of best quality low level plastic flushing cistern of standard size with internal fittings complete, P.V.C. flushing pipe suitable for squatting type with extra bends and length with fittings, C.I. trap 4 inches (100mm) dia and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4.	Each	32 Nos.			
2	Providing and fixing Pakistani make best available quality European style white glazed earthenware wash down W.C.Pan complete with and including the cost of a plastic seat (PVC cover and buffers 3 galns white glazed earthenware low level flushing cistern with siphon fittings, 1-1/2 inches (40mm) dia white porcelain enamelled flush bend, 3/4 inch (20mm) dia, G.I. warning pipe carried outside and bent vertically downwards and making requisite number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4.	Each	32 Nos.			
3	Providing and fixing 25 inches x 18 inches (635 mm x 457 mm) lavatory basin in white glazed earthenware (Pakistani) complete with and including the cost of brass oxidized bolts kit built into wall 1/2 inch (15 mm) dia. Chrome plated mixer 1-1/4" inches (32mm) rubber plug and chrome plated brass chain, 1-1/4 inches (32 mm) dia brass waste of approved pattern, 1-1/4 inches (32 mm) dia. Making good in cement concrete 1:2:4.	Each	64 Nos.			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
4	Providing manhole type 'A' size 2 feet x 1-1/2 feet or 610 mm x 457 mm(inside dimensions) x 2 feet (610 mm) deep as per approved design and specifications complete for 4 inches to 12 inches (100 mm to 305 mm) dia. Pipes upto 3 feet-11 inches (1.19 m) depth with 16 inches (406 mm dia.) (inside) cast iron cover and frame (weight = 1 Cwt. 1. Qtr.) (63.5 kg.) fixed in R.C.C.1:2:4 slab 4 inches (102 mm)(thick, burnt brick masonry walls 9 inches (229 mm) thick set in 1:4 cement mortar, 6 inches (150 mm) 1:3:6 C.C. in foundation, 1:2:4 C.C. in benching and 1/2 inch (13 mm) thick cement	Each	256 Nos.			
5	Add for extra depth beyond 2 feet and up to 3 feet-11 inches for 'A' type manholes (for depth lesser than 2 feet or 610 mm deduct at the same rate).	P.Inch	6144 Inch			
6	Providing manhole type 'B' size 3 feet x 2-1/2 feet or 914 mm x 762 mm (inside dimensions) x 4 feet (1219 mm deep as per approved design and specifications complete for 4 inches to 12 inches (100 mm to 305 mm) dia. Pipe 4 feet to 7 feet-5 inches (1.22 m to 2.26m) depth with 18 inches (457 mm) dia. (inside) cast iron cover and frame (weights 1 Cwt. 3 Qrs.) or 88.9 kg, fixed in R.C.C.1:2:4 slab 6 inches (152 mm) thick, 9 inches (229 mm) thick burnt brick masonry walls set in 1:4 C.M., 6 inches (152 mm) thick 1:3:6 C.C. in foundation, 1:2:4 C.C. in benching and 1/2 inch (13 mm) thick cement plaster in 1:3 C.M., to all inside wall surfaces, channels and benching etc. and to top including providing and fixing cast iron foot rest at every foot of depth and making requisite number of main and branch channels but excluding the cost of excavation, back filling, disposal of excavated stuff, manhole cover and frame.	Each	128 Nos.			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
7	Add for extra depth beyond 4 feet and up to 7 feet-5 inches for 'B' type manholes (for depth lesser than 4 feet or 1219 mm deduct at the same rate).	P.Inch	1536 Inch			
8	Making Connection with the existing manhole including the cost of cutting holes in walls, making them good in cement concrete 1:2:4 and making the required channel etc, complete.	Each	20 Nos			
9	Providing and fixing un plasticized polyvinyl chloride pipe (U.P.V.C) "D" class and specials etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling, watering, ramming, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (16.09 km.) (working pressure 12 kg/cm ²)					
	(i) Do Do. 4 inches (80 mm) dia pipe..	P.Rft	4000 Rft			
	(ii) Do Do. 3 inches (80 mm) dia pipe..	P.Rft	4000 Rft			
	(iii) Do Do. 2 inches (50 mm) dia pipe.	P.Rft	2000 Rft			
10	Excavation in all kinds of soil, murum, hard, average or soft including lift up to 5 feet (1.52 m) and lead up to one chain (30.48 m).	100 Cft	1000 Cft			
11	Providing and fixing un platisized polyvinyl chloride pipe (U.P.V.C) "D" class and specials etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling, watering, ramming, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles (16.09 km.) (working pressure 12 kg/cm ²) 8 inches (200 mm) dia.	P.Rft	1400 Rft			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
12	Providing and Fixing PPRC pipe PN-20 with specials and clamps etc, including cutting and fitting complete with and including the cost of breaking through walls and roof making good etc, after cleaning the pipe and cartage within 10 miles.					
	(i) Do. Do. 63mm dia pipe External Side	P.Rft	1400 Rft			
	(ii) Do. Do. 50mm External Side	P.Rft	1900 Rft			
	(iii) Do. Do. 40mm External Side	P.Rft	1200 Rft			
13	Providing and Fixing PPRC pipe PN-20 with specials and clamps etc, including cutting and fitting complete with and including the cost of breaking through walls and roof making good etc, after cleaning the pipe and cartage within 10 miles.					
	(i) Do. Do. 32mm Internal Side	P.Rft	3000 Rft			
	(ii) Do. Do. 25mm Internal Side	P.Rft	3000 Rft			
14	Providing and fixing standing wall shower of CP brass 3 knobs of approved quality mixer unit and moveable shower head complete.	Each	64 Nos.			
15	Providing and fixing bath room accessories of set of 6 pieces consist of one shelf, one towel rod with bracket, one towel ring, one soap dish, one tooth Brush holder with glass, one tissue paper holder one double hook etc complete of approved quality as per direction of Engineer in-charge.	Each	64 Nos.			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
16	Providing and fixing approved quality stainless steel sink 60" x 20" Pak made (Atlas) complete with brass oxidized bolt kit/angle iron brackets built into walls ½" dia CP sink mixer 1-1/4" rubber plug and CP brass chain 1-1/4" CP brass waste 1-1/4" dia malleable iron or CP brass bottle trap with malleable iron or brass unions and making requisite number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4.	Each	32 Nos.			
17	P/F 3/4" thick granite(factory polished) of approved colour on vanity top i/c the cost of fixing in position with cement sand mortar 1:2, filling with jointing material of matching color, making holes for vanity basin, making round edging of exposed edges complete at any height in any floor as per directions of the Engineer in charge. (No deduction will be made for vanity holes)	P.Sft	512.00 Sft			
18	Making connection with the existing GI pipe of size larger than 2 inches to 6 inches (50 mm to 150 mm) dia. including cutting the pipe and providing and fixing necessary fittings.	Each	10 No			
19	Providing and fixing fully way gun metal valves with wheels threaded or flanged ends with rubber washers, (standard pattern)..					
	(i) 3" dia	Each	20 Nos			
	(ii) 2" dia.	Each	30 Nos			
	(iii) 1" dia.	Each	50 Nos			
	Providing and fixing best quality float valve complete as per direction of Engineer Incharge.					

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
20	(i) 2" dia.	Each	4 Nos			
	(ii) 3" dia.	Each	4 Nos			
21	Providing and fixing 4" dia U.P.V.C floor trap of approved design i/c making requisite number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4.	Each	96 Nos			
22	Providing and fixing 4" dia UPVC terminal guard of required dia etc complete and cartage within 10 miles.	Each	64 Nos			
23	Providing and fixing u.P.V.C Y-Tee of required degree etc. complete. 4"x4"x4"	Each	200 Nos			
24	Providing and fixing 4" dia U.P.V.C plain bend of required degree etc. complete.	Each	240 Nos			
25	Providing and fixing chromium plated Muslim bib-cock with Muslim Shower of approved quality.	Each	64 Nos.			
26	Providing and fixing 1/2 inches dia (15mm) CP bib Cock	Each	64 Nos.			
27	Providing and fixing 1/2" Single dia bib cock / stop cock (Master / Sonex make) with approved knob etc. complete.	Each	64 Nos			
28	P/F mirror 6mm thick (imported) fixed with silicon paste / C.P clips etc. complete as per direction of Engineer-in-Charge.	P.Sft	64 Sft			
29	Providing and fixing floor waste 6"x6" (Stainless Steel) Jali etc complete.	Each	232 Nos.			
30	Providing and fixing 1/2 inches dia (15mm) CP stop cock / Tee Stop cock.	Each	400 Nos.			
31	Providing and fixing CP Mixer 1/2 inches (15mm) (Faisal/Master or equivalent) lever type pakistani complete in all respect.	Each	64 Nos.			

Sub Head III - E & M Works

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
1	Wiring for light, fan or call bell point with 1.5 mm ² single core, PVC insulated wire copper conductor wire in 20 mm (3/4") dia uPVC conduit recessed in the wall or column, roof etc. including 1mm ² single core PVC insulated wire as ECC as required.	Per Point	1364 Points			
2	Wiring for two way light point with 1.5 mm ² single core, PVC insulated wire copper conductor wire in 20 mm (3/4") dia uPVC conduit recessed in the wall or column, roof etc. including 1mm ² single core PVC insulated wire as ECC as required.	Per Point	16 Points			
3	Extension/ Additional wiring for light, fan or call bell point controlled with same switch with 1.5mm ² PVC insulated wire in 20 mm (3/4") dia PVC conduit recessed in the wall or column, including 1mm ² PVC insulated wire as ECC as required.	Per Point	1012 Points			
4	Wiring for submain with 2 x 2.5 mm² , PVC insulated wire 300/500 volts grade, single core, stranded copper conductor wire in 20 mm (3/4") dia PVC conduit recessed in the wall, column and roof etc including 1.5 mm ² insulated wire single core as ECC as required.	Per RM	11260 RM			
5	Wiring for submain with 2 x 4 mm² , PVC insulated wire 300/500 volts grade, single core, stranded copper conductor wire in 20 mm (3/4") dia PVC conduit recessed in the wall, column and roof etc including 1.5 mm ² insulated wire single core as ECC as required.	Per RM	3660 RM			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
6	Wiring for sub-main with 2 x 6 mm² , PVC insulated wire 300/500 volts grade, single core, stranded copper conductor wire in 25 mm (1")dia uPVC conduit recessed in the wall, column and roof etc including 2.5 mm ² Pvc insulated wire single core wire as ECC as required.	Per RM	1408 RM			
7	Wiring for sub-main with 2 x 10 mm² , PVC insulated wire 300/500 volts grade, single core, stranded copper conductor wire in 25 mm (1")dia uPVC conduit recessed in the wall, column and roof etc including 2.5 mm ² Pvc insulated wire single core wire as ECC as required.	Per RM	704 RM			
8	Providing & laying 4 core, 16 mm² PVC insulated & PVC sheathed, 600/1000 volts grade with stranded copper conductor , un armoured, L.T cable in existing all kind of conduit or cable duct as per Pak. P.W.D specification as required.	Per RM	418 RM			
9	Providing & laying 4 core, 95 mm² PVC insulated & PVC sheathed, 600/1000 volts grade with stranded copper conductor , armoured underground, L.T cable buried in the ground dully covered with sand and warning cable tiles as per Pak. P.W.D specification as required.	Per RM	660 RM			
10	Supply & drawing of 10 mm², single core, PVC insulated wire in all kinds of existing or given conduit/cable duct as required. (	Per RM	418 RM			
11	Supply & drawing of 16 mm², single core, PVC insulated wire in all kinds of existing or given conduit/cable duct as required.	Per RM	660 RM			
12	Providing & fixing pilot lamp set fitted on existing board l/c connection as required.	P.Set	70 Set			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
13	Supply & fixing 30 mm dia uPVC conduit with all especial such as bends, sockets, Junction etc fitted on surface as required.	Per RM	2068 RM			
14	Making Termination of 3 or 4 core, 16 mm² to 25 mm² armoured / un-armoured copper conductor, PVC x PVC L.T Cable including providing & fixing proper lugs, etc complete in all respect as required.	Per Job	36 Job			
15	Making Termination of 3 or 4 core, 70 mm² to 95 mm² armoured / un-armoured copper conductor, PVC x PVC L.T Cable including providing & fixing proper lugs, etc complete in all respect as required.	Per Job	10 Job			
16	Providing & fixing 6 to 32 Amps, S.P MCCB fixed on existing board, i/c inter-connection as required.	Each	704 Nos.			
17	Providing & fixing 6 to 32 Amps, DP MCCB fixed on metal board recessed in the wall duly covered with fiber sheet, 1/c inter-connection as required.	Each	352 Nos.			
18	Providing & fixing 20 to 100 Amps , (Adjustable - High Breaking Capacity) 4 Pole circuit breaker fixed on existing board, i/c inter-connection as required.	Each	36 Nos.			
19	Providing & fixing 160 to 250 Amps , (Adjustable - High Breaking Capacity) 4 Pole circuit breaker fixed on existing board, i/c inter-connection as required.	Each	10 Nos.			
20	Providing & fixing cubical type metal sheet vermin protected Distribution board as per drawing with locking arrangement duly powder coated i/c all fastening devices and electrical wire /leads for internal conection complete as required. (Different sizes, outdoor type)	Per Sft	142 Sft			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
21	Providing & fixing cubical type metal sheet vermin protected LT panel board as per drawing with locking arrangement duly powder coated i/c all fastening devices and electrical wire/ leads for internal connection complete as required.	Per Sft	8 Sft			
22	Providing & fixing 10 to 60 Amps, 4 pole, three phase bus bar strip fitted in given Distribution board complete with bus bar insulator, screws, bolts etc as required.	Each	32 Nos.			
23	Providing & fixing 160 to 200 Amps, 4 pole, three phase bus bar strip fitted in given Distribution board complete with bus bar insulator, screws, bolts etc as required.	Each	8 Nos.			
24	Providing & fixing 10 Amps Polycarbonate flame retardant S.P switch with fancy required gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.	Each	1550 Nos.			
25	Providing & fixing 10 Amps Polycarbonate flame retardant Two way switch with fancy gang plate fixed on die fabricated, powder coated, metal board recessed in wall or column including connection as required.	Each	36 Nos.			
26	Providing & fixing 10 Amps Polycarbonate flame retardant 2-Pin switch socket unit (Universal) with fancy gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.	Each	422 Nos.			
27	Providing & fixing 13 Amps Polycarbonate flame retardant 3-Pin switch socket unit with fancy gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.	Each	1056 Nos.			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
28	Providing & fixing 15 Amps Polycarbonate flame retardant 3-Pin switch socket unit with fancy gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.	Each	422 Nos.			
29	Providing & fixing 10 Amps Polycarbonate flame retardant Bell Push with fancy gang plate fixed on die fabricated, powder coated, metal board recessed in wall or column including connection as required.	Each	64 Nos.			
30	Providing & installing 140 Cm (56") sweep inverter ceiling fan with blades, canopy, standard length of down rod including connection and all required accessories with 14.0076" flexible wire complete as required. Millat/Pak/GFC/ Younas/Royal.	Each	212 Nos.			
31	Providing & installing 30 Cm (12") sweep, metallic body Exhaust fan complete with blades, motor, etc fitted in existing hole including connection with 14/.0076" flexible wire complete as required	Each	70 Nos.			
32	Providing & installing 25 Cm (10") sweep, Plastic body Exhaust fan complete with blades, motor, etc fixed in existing hole including connection with 14/.0076" flexible wire complete as required.	Each	140 Nos.			
33	Providing & fixing 6 Amps plastic ceiling rose on PVC Round block/Round Cover fitted on surface including connection as required	Each	100 Nos.			
34	Providing & fixing 4" X 4" size MS die casted, Powder coated recessed type fan clamp box with 1/2" dia MS bar fan clamp fixed in roof at casting time as required.	Each	212 Nos.			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
35	Providing, installation, testing & commissioning of recessed / surface mounted LED 7-10 Watt ceiling light /downlight including driver having warm/natural white /cool white colour, 80-90 lm/watts efficiency 0.9 or above power factor, 20000-25000 hours life cycle, including connections complete in all respect as approved by the Engineer Incharge. a)	Each	1268 Nos.			
36	Providing, installation, testing & commissioning of recessed / surface mounted LED 12 Watt ceiling light /downlight including driver having warm/natural white /cool white colour, 80-90 lm/watts efficiency 0.9 or above power factor, 20000-25000 hours life cycle, including connections complete in all respect as approved by the Engineer Incharge.	Each	422 Nos.			
37	Providing, installation, testing & commissioning of recessed / surface mounted LED 18-20 Watt ceiling light /downlight including driver having warm/natural white /cool white colour, 80-90 lm/watts efficiency 0.9 or above power factor, 20000-25000 hours life cycle, including connections complete in all respect as approved by the Engineer Incharge.	Each	124 Nos.			
38	Providing, Inr Commissioning of 04 feet, 36 watt LED Tube / Batten Lights including driver haqng warm / Neutral White / cool white colour.80-90 lm/watts efficiency, 0.9 or above power factor, 10000-15000 hours life cycle, including connection, complete in all respect as approved by the Engineer Incharge.	Each	212 Nos.			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
39	Providing, Inr Commissioning of 02 feet, 18-20 watt LED Tube / Batten Lights including driver haqng warm / Neutral White / cool white colour.80-90 lm/watts efficiency, 0.9 or above power factor, 10000-15000 hours life cycle, including connection, complete in all respect as approved by the Engineer Incharge.	Each	140 Nos.			
40	Providing, Installation, Testing & Commissioning of 5-7 watt Emergency Light (surface/recessed), including connection, complete in all respect as approved by the Engineer Incharge.	Each	22 Nos.			
41	Providing, Installation, Testing & Commissioning of 2 watt Emergency Exit Light , including connection, complete in all respect as approved by the Engineer Incharge.	Each	36 Nos.			
42	Providing and fixing standard ceiling suspended pendant light fitting, supporting 01 No. built in led source or led lamp, including hanging cord complete in all respect, of design/make/shape/finish as approved by the Engineer Incharge.	Each	64 Nos.			
43	Providing and fixing outdoor wall mounted water proof led light fitting with rust proof and anticorrosion metal body, complete in all respect, of approved design/make/shape, as approved by the Engineer Incharge.	Each	32 Nos.			
44	Proving and fixing 6"x4" MS perforated cable tray , 16 SWG complete with cover of 18 SWG including painting and support system.	Per RM	200 RM			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
45	Providing, Installation. Testing & Commissioning of Flood Lights, 180-201 watts , (IP66) including driver, having neutral white / cool white colour, 110 -120 lm/watts efficiency; 0.9 or above power factor. 20000-25000 hours life cycle, including connection, complete in all respect as approved by the Engineer Incharge.)	Each	32 Nos.			
46	Supply & fixing 20 mm (3/4") dia uPVC conduit with all especial such as bends, sockets, Junction etc fitted on surface as required.	Per RM	220 RM			
47	Supply & fixing 25mm (1") dia uPVC conduit with all especial such as bends, sockets, Junction etc fitted on surface as required.	Per RM	220 RM			
48	Providing & fixing of 16x60 mm uPVC duct fitted on surface as required	Per RM	220 RM			
49	Providing & fixing of 25x60 mm uPVC duct fitted on surface as required.	Per RM	220 RM			
50	Providing & fixing Three phase 15 to 90 Amps, 400/440 volts energy meter fitted on existing board I/c connection as required.	Each	4 Nos.			
51	Providing and fixing Earthing set with 2'x2'x1/4" copper plate buried in the ground at a depth of 12 feet or less if water comes out from the ground level (with salt and charcoal or Earthing chemical Powder) etc making the pit 12 feet deep by excavation of all type of soil (except soft or hard rock) i/c fixing of 8 SWG copper wire in 1/2 " G.I conduit complete in all respect as required.	Per Job	14 Job			
52	Providing and fixing 1" diameter 3ft long lighting-copper rod with five spikes and balls on its head as required.	Per Job	18 Job			
53	Providing and fixing 1-1/2" x 1/3" thick copper strip with suitable saddle at 12" intervals complete as required.	Per RM	440 RM			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
54	Providing, fixing and commissioning Pad mounted, step down 11000/ 400 volts, 200 KVA three phase, 50Hz, Transformer as per electricity code complete in all respect as reqd.	Each	2 No.			
55	Providing and laying HT 11 KV, 3 core, 35 mm² stranded copper conductor, XLPE insulated. cu tape screened PVC bedded and PVC sheathed armoured cable, laid in existing all kind of pipes, cable duct, channels etc as per Pak.P.W.D specification as required. (without Termination)	Per RM	30 Meter			
56	Providing and fixing indoor/outdoor, 3 core, 16 mm² to 35 mm², 11KV, XLPE. heat shrink termination ends Kit complete in all respect as required.	Per Job	4 Job			
57	Providing and fixing HT, 11 KV indoor/outdoor type fuse D link /cut off fuse assembly set of three pieces complete with fuse fitted on angle iron base frame as required.(with out termination)	Each	6 Nos.			
58	Providing & fixing 400 to 630 Amps,(Adjustable - High Breaking Capacity) 4 Pole circuit breaker fixed on existing board , i/c inter-connection as required.	Each	2 No.			
59	Providing & fixing LT Service Box , as per Wapda specifications complete in all respect as approved by the engineer Incharge.	Each	2 No.			
60	Providing & fixing mono block pumping set complete with 2 HP pump 2850/2900 RPM complete with AC 220V single phase motor on a common base plate having suction & discharge 1-1/2" x 1-1/2" as approved.	Each	4 Nos.			

m Ref.	Description	Unit	Qty	RATE		Amount
				In Figure	In Words	
61	Providing & fixing mono block pumping set complete with 3 HP pump 2850/2900 RPM complete with AC 220V single phase motor on a common base plate having suction & discharge 2" x 1-1/2" as approved.	Each	4 Nos.			
62	Providing, Installing, Testing & Commissioning of Dual Supply (Gas & Electric) Geysers, 35 Gallons capacity, with fully automatic thermostat, complete in all respect, as approved by the Engineer Incharge	Per Job	64 Jobs			
63	Providing and fixing Kitchen Hob, 3 burner 30 inch size auto ignition glass top superior quality complete in all respect i/c making necessary connection with gas line complete in all respect as approved by the Engineer Incharge	Per Job	64 Jobs			
64	Providing and fixing Kitchen Hood superior quality with SS canopy filter front and back made up of tempered glass, powerful blower motor, LED light and touch control as approved etc complete in all respect i/c electrical connection as required.	Per Job	64 Jobs			
Total (S.H-I + S.H-II + S.H-III)						

CONSTRUCTION EXPERIENCE

Form EXP - 4.1 General Construction Experience

Bidder's Name: _____

Date: _____

JV Member's Name _____

Bid Reference No. (if any) and title: _____

Page _____ of _____ pages

Starting Year	Ending Year	Contract Identification	Role of Bidder
		Contract name: _____ Brief Description of the Works performed by the Bidder: _____ Amount of contract: _____ Name of EMPLOYER: _____ Address: _____	
		Contract name: _____ Brief Description of the Works performed by the Bidder: _____ Amount of contract: _____ Name of EMPLOYER: _____ Address: _____	
		Contract name: _____ Brief Description of the Works performed by the Bidder: _____ Amount of contract: _____ Name of EMPLOYER: _____ Address: _____	

Form EXP - 4.2(a)
Specific Construction and Contract Management Experience

Bidder's Name: _____

Date: _____

JV Member's Name _____

Bid Reference No. (if any) and title: _____

Page _____ of _____ pages

Similar Contract No.	Information			
Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor ☐	Member in JV ☐	Management Contractor ☐	Sub-contractor ☐
Total Contract Amount	PKR equivalent			
If member in a JV or sub-contractor, specify participation in total Contract amount				
EMPLOYER's Name:				
Address:				
Telephone/fax number				
E-mail:				

Form EXP - 4.2(a) (cont.)
Specific Construction and Contract Management Experience (cont.)

Similar Contract No.	Information
Description of the similarity in accordance with Sub-Factor 4.2(a) of Section III:	
1. Amount	
2. Physical size of required works items	
3. Complexity	
4. Methods/Technology	
5. Construction rate for key activities	
6. Other Characteristics	

Form EXP - 4.2(b)
Construction Experience in Key Activities

Bidder's Name: _____

Date: _____

Bidder's JV Member Name: _____

Sub-contractor's Name (if any): _____

Bid Reference No. (if any) and title: _____

Page _____ of _____ pages

All Sub-contractors for key activities must complete the information and Qualification Criteria and Requirements, Sub-Factor 4.2.

1. Key Activity No One: _____

Information				
Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor ☐	Member in JV ☐	Management Contractor ☐	Sub-contractor ☐
Total Contract Amount	PKR equivalent			
Quantity (Volume, number or rate of production, as applicable) performed under the contract per year or part of the year	Total quantity in the contract (i)	Percentage participation (ii)	Actual Quantity Performed (i) x (ii)	
Year 1				
Year 2				
Year 3				
Year 4				
EMPLOYER's Name:				
Address:				
Telephone/fax number				

	Information
E-mail:	

2. Activity No. Two

3.

	Information
Description of the key activities in accordance with Section III:	

Form EXP - 4.2 (c)
Specific Experience in Managing ES aspects

[The following table shall be filled in for contracts performed by the Bidder, and each member of a Joint Venture]

Bidder's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

Bid Reference No. (if any) and title: *[insert ICB/NCB number and title]*

Page *[insert page number]* of *[insert total number]* pages

1. Key Requirement no 1 in accordance with 4.2 (c): _____

Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor ☐	Member in JV ☐	Management Contractor ☐	Subcontractor ☐
Total Contract Amount			PKR	
Details of relevant experience				

2. Key Requirement no 2 in accordance with 4.2 (c): _____
3. Key Requirement no 3 in accordance with 4.2 (c): _____
4. [PA define key requirements] _____