TRADING CORPORATION OF PAKISTAN (PVT) LIMITED
MINISTRY OF COMMERCE
GOVERNMENT OF PAKISTAN

No. TCP/REMS/REPW-PO/313-92/2022 — 19th July, 2023.

NOTICE INVITING TENDER

REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

The Trading Corporation of Pakistan (Pvt.) Limited (TCP) ('the Employer') has reserved the funds from its own resources towards the cost of "Repair, Renovation and Construction of 8th Floor, Block "A" for Office Use and Repair and Renovation Works of Kitchens and Toilets at 4th & 5th Floor, Block "B", FTC Building Shahrah-E-Faisal, Karachi" and it is intended that part of the proceeds of the funds will be applied to eligible payments under the Contract for the Renovation and construction of Offices at 8th Floor and Renovation of Kitchen and Toilet at 4th and 5th Floor. Bidding is open to all eligible Bidders.

2. The Employer invites sealed bids, under Single Stage-Two Envelope bidding procedure, from eligible firms licensed by the Pakistan Engineering Council in the appropriate category for the Works.

3. Bidding Documents containing detailed terms and conditions can be obtained on payment of Rs.3,000/- (Rupees Three thousand only) on submission of a written application from the Employer's office at following address:

Deputy Manager (Cash), Trading Corporation of Pakistan (Pvt.) Ltd, 4th Floor, Block-B, Finance & Trade Centre, Shahrah-e-Faisal, Karachi, (Tel: 021-99202947-49 Ext. 235).

4. All bids must be accompanied by a Bid Security of 5% of the bid amount, in the form of Pay Order issued by any Scheduled Bank in Pakistan, and must be delivered to 4thFloor, Block-B, FTC Building, Shahrah-e-Faisal, Karachi till **Tuesday the 8th August, 2023 by 1100 hours**. Bids will be opened at **1130 hours** on the same day, in the presence of bidder's representatives who choose to attend at the same address.

(RADAIN SHAH)
GENERAL MANAGER (REBD)

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EMERGING

Trading Corporation of Pakistan (Pvt.) Limited

Ministry of Commerce, Government of Pakistan

BIDDING DOCUMENTS, BOQ & ARCHITECTURAL DRAWING

FOR

COMPETITIVE BIDDING
SINGLE STAGE - TWO ENVELOPE PROCEDURE

For

REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI.

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INVITATION
FOR
BIDS



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INSTRUCTIONS
TO
BIDDERS

INSTRUCTIONS TO BIDDERS

A. GENERAL

IB.1 Scope of Bid

1.1 The Employer as defined in the Bidding Data hereinafter called "the Employer" wishes to receive bids for the construction and completion of works as described in these Bidding Documents, and summarized in the Bidding Data hereinafter referred to as the "Works".

1.2 The successful bidder will be expected to complete the Works within the time specified in Appendix-A to Bid.

IB.2 Source of Funds

2.1 The Employer has applied for/received a loan/credit from the source (s) indicated in the Bidding Data in various currencies towards the cost of the project specified in the Bidding Data and it is intended that part of the proceeds of this loan/credit will be applied to eligible payments under the Contract for which these Bidding Documents are issued.

IB.3 Eligible Bidders

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

a. Duly licensed by the Pakistan Engineering Council (PEC) in the category relevant to the value of the Works.

b. Duly prequalified / enlisted with the Employer.

IB.4 One Bid per Bidder

4.1 Each bidder shall submit only one bid either by himself, or as a partner in a joint venture. A bidder who submits or participates in more than one bid (other than alternatives pursuant to Clause IB.16) will be disqualified.

IB.5 Cost of Bidding

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

IB.6 Site Visit

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

6.2 The bidders and any of their personnel or agents will be granted permission by the Employer to enter upon his premises and lands for the purpose of such inspection, but only upon the express condition that the bidders, their personnel and agents, will release and indemnify the Employer, his personnel and agents 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 such inspection.

B. BIDDING DOCUMENTS

IB.7 Contents of Bidding Documents

7.1 The Bidding Documents, in addition to invitation for bids, are those stated below and should be read in conjunction with any Addenda issued in accordance with Clause IB.9.

1. Instructions to Bidders.
2. Bidding Data.
3. General Conditions of Contract, Part-I (GCC).
4. Particular Conditions of Contract, Part-II (PCC).
5. Specifications – Special Provisions.
6. Specifications - Technical Provisions.
7. Form of Bid & Appendices to Bid.
8. Bill of Quantities (Appendix-D to Bid).
9. Form of Bid Security.
10. Form of Contract Agreement.
11. Forms of Performance Security and Mobilization Advance Guarantee/Bond.
12. Drawings.

7.2 The bidders are expected to examine carefully the contents of all the above documents. Failure to comply with the requirements of bid submission will be at the Bidder's own risk. Pursuant to Clause IB.26, bids which are not substantially responsive to the requirements of the Bidding Documents will be rejected.

IB.8 Clarification of Bidding Documents

8.1 Any prospective bidder requiring any clarification(s) in respect of the Bidding Documents may notify the Employer in writing at the Employer's address indicated in the Invitation for Bids. The Employer will respond to any request for clarification which he receives earlier than 28 days prior to the deadline for submission of bids. Copies of the Employer's response will be forwarded to all purchasers of the Bidding Documents, including a description of the enquiry but without identifying its source.

IB.9 Amendment of Bidding Documents

9.1 At any time prior to the deadline for submission of bids, the Employer may, for any reason, whether at his own initiative or in response to a clarification requested by aprospective bidder, modify the Bidding Documents by issuing addendum.

9.2 Any addendum thus issued shall be part of the Bidding Documents pursuant to Sub-



Clause 7.1 hereof and shall be communicated in writing to all purchasers of the Bidding Documents. Prospective bidders shall acknowledge receipt of each addendum in writing to the Employer.

9.3 To afford prospective bidders reasonable time in which to take an addendum into account in preparing their bids, the Employer may extend the deadline for submission of bids in accordance with Clause IB.20

C. PREPARATION OF BIDS

IB.10 Language of Bid

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

IB.11 Documents Accompanying the Bid

11.1 The Bid shall comprise two envelopes submitted simultaneously, one called the Technical Bid and the other the Price Bid, containing the documents listed in Bidding Data Sheet under the heading of IB 11.1 A & B respectively. Both envelopes to be enclosed together in an outer single envelope called the Bid. Each bidder shall furnish all the documents as specified in Bidding Data Sheet 11.1 A & B.

11.2 Bids submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all partners. Alternatively, a Letter of Intent to execute a Joint Venture Agreement in the event of a successful bid shall be signed by all partners and submitted with the bid, together with a copy of the proposed agreement. The role to be played by each partner to be specified therein. Bids submitted by a joint venture of two (2) or more firms shall comply with the following requirements:

(a) In case of a successful bid, the Form of Contract Agreement shall be signed so as to be legally binding on all partners;

(b) one of the joint venture partners shall be nominated as being in charge; and this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the joint venture partners;

(c) the partner-in-charge shall always be duly authorized to deal with the Employer regarding all matters related with and/or incidental to the execution of Works as per the terms and Conditions of Contract and in this regard to incur any and all liabilities, receive instructions, give binding undertakings and receive payments on behalf of the joint venture;

(d) all partners of the joint venture shall at all times and under all circumstances be liable jointly and severally for the execution of the Contract in accordance with the Contract terms and a statement to this effect shall be included in the authorization mentioned under Sub-Para (b) above as well as in the Form of Bid and in the Form of Contract Agreement (in case of a successful bid); and

(e) a copy of the agreement entered into by the joint venture partners shall be submitted with the bid stating the conditions under which it will function, its period of duration, the persons authorized to represent and obligate it and which persons will be directly responsible for due performance of the Contract and can give valid receipts on behalf of the joint venture, the proportionate participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning. No amendments / modifications whatsoever in the joint venture agreement shall be agreed to between the joint venture partners without prior written consent of the Employer.

11.3 Bidders shall also submit proposals of work methods and schedule, in sufficient detail to demonstrate the adequacy of the Bidders' proposals to meet the technical specifications and the completion time referred to in Sub-Clause 1.2 hereof.

IB.12 Bid Prices

12.1 Unless stated otherwise in the Bidding Documents, the Contract shall be for the whole of the Works as described in Sub-Clause 1.1 hereof, based on the unit rates and / or prices submitted by the bidder.

12.2 The bidders shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Items against which no rate or price is entered by a bidder will not be paid for by the Employer when executed and shall be deemed covered by rates and prices for other items in the Bill of Quantities.

12.3 All duties, taxes and other levies payable by the Contractor under the Contract, or for any other cause, as on the date 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 a bidder.

Additional / reduced duties, taxes and levies due to subsequent additions or changes in legislation shall be reimbursed / deducted as per Sub-Clause 70.2 of the General Conditions of Contract Part-I.

12.4 The rates and prices quoted by the bidders are subject to adjustment during the performance of the Contract in accordance with the provisions of Clause 70 of the Conditions of Contract. The bidders shall furnish the prescribed information for the price adjustment formulae in Appendix-C to Bid, and shall submit with their bids such other supporting information as required under the said Clause.

IB.13 Currencies of Bid and Payment

13.1 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 supplied from outside the Employer's country (referred to as the "Foreign Currency Requirements") shall indicate the same in Appendix-B to Bid. 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.

13.2 The rates of exchange to be used by the bidder for currency conversion shall be the TT&OD Selling Rates published or authorized by the State Bank of Pakistan prevailing on the date 28 days prior to the deadline for submission of bids.
For the purpose of payments, the exchange rates used in bid preparation shall apply for the duration of the Contract.

IB.14 Bid Validity

14.1 Bids shall remain valid for the period stipulated in the Bidding Data after the Date of Bid Opening specified in Clause IB.23.

14.2 In exceptional circumstances, prior to expiry of the original bid validity period, the Employer may request that the bidders extend the period of validity for a specified additional period which shall in no case be more than the original bid validity period. The request and the responses thereto shall be made in writing. A bidder may refuse the request without forfeiting his Bid Security. A bidder agreeing to the request will not be required or permitted to modify his bid, but will be required to extend the validity of his Bid Security for the period of the extension, and in compliance with Clause IB.15 in all respects.

IB.15 Bid Security

15.1 Each bidder shall furnish, as part of his bid, a Bid Security in the amount stipulated in the Bidding Data in Pak Rupees.

15.2 The Bid Security shall be, at the option of the bidder, in the form of Deposit at Call or a Bank Guarantee issued by a Scheduled Bank in Pakistan in favour of the Employer valid for a period 28 days beyond the Bid Validity date.

15.3 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Employer as non-responsive.

15.4 The bid securities of unsuccessful bidders will be returned as promptly as possible, but not later than 28 days after the expiration of the period of Bid Validity.

15.5 The Bid Security of the successful bidder will be returned when the bidder has furnished the required Performance Security and signed the Contract Agreement.

15.6 The Bid Security may be forfeited:

(a) if the bidder withdraws his bid except as provided in Sub-Clause 22.1;

(b) if the bidder does not accept the correction of his Bid Price pursuant to Sub-Clause 27.2 hereof; or

(c) In the case of successful bidder, if he fails within the specified time limit to:

(i) furnish the required Performance Security; or
(ii) sign the Contract Agreement.

IB.16 Alternate Proposals by Bidder

16.1 Should any bidder consider that he can offer any advantages to the Employer by a modification to the designs, specifications or other conditions, he may, in addition to his bid to be submitted in strict compliance with the Bidding Documents, submit any Alternate Proposal(s) containing (a) relevant design calculations; (b) technical specifications; (c) proposed construction methodology; and (d) any other relevant details / conditions, provided always that the total sum entered on the Letter of Price Bid shall be that which represents complete compliance with the Bidding Documents. The technical details and financial implication involved are to be submitted in two separate sealed envelopes as to be followed in main bid proposals..

16.2 Alternate Proposal(s), if any, of the lowest evaluated responsive bidder only may be considered by the Employer as the basis for the award of Contract to such bidder.

IB.17 Pre-Bid Meeting

17.1 The Employer may, on his own motion or at the request of any prospective bidder(s), hold a pre-bid meeting to clarify issues and to answer any questions on matters related to the Bidding Documents. The date, time and venue of pre-bid meeting, if convened, is as stipulated in the Bidding Data. All prospective bidders or their authorized representatives shall be invited to attend such a pre-bid meeting.

17.2 The bidders are requested to submit questions, if any, in writing so as to reach the Employer not later than seven (7) days before the proposed pre-bid meeting.

17.3 Minutes of the pre-bid meeting, including the text of the questions raised and the replies given, will be transmitted without delay to all purchasers of the Bidding Documents. Any modification of the Bidding Documents listed in Sub-Clause 7.1 hereof which may become necessary as a result of the pre-bid meeting shall be made by the Employer exclusively through the issue of an Addendum pursuant to Clause IB.9 and not through the minutes of the pre-bid meeting.

17.4 Absence at the pre-bid meeting will not be a cause for disqualification of a bidder.

IB.18 Format and Signing of Bid

18.1 Bidders are particularly directed that the amount entered on the Form of Bid shall be for performing the Contract strictly in accordance with the Bidding Documents.

18.2 All appendices to Bid are to be properly completed and signed.

18.3 No alteration is to be made in the Form of Bid nor in the Appendices thereto except in filling up the blanks as directed. If any such alterations be made or if these instructions be not fully complied with, the bid may be rejected.

18.4 The Bidder shall prepare one original of the Technical Bid and one original of the Price Bid comprising the Bid as described in Bidding Data Sheet against IB 11 and clearly mark it "ORIGINAL - TECHNICAL BID" and "ORIGINAL - PRICE BID". In addition, the Bidder shall submit two (2) copies of the Bid and clearly mark each of them "COPY". In the event of any discrepancy between the original and the copies, the original shall prevail.

18.5 The original and all copies of the Bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as specified in the Bidding Data Sheet and shall be attached to the bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Bid, except for unamended printed literature, shall be signed or initialed by the person signing the bid.

18.6 The bid shall contain no alterations, omissions or additions, except to comply

with instructions issued by the Employer, or as are necessary to correct errors made by the bidder, in which case such corrections shall be initialed by the person or persons signing the bid.

18.7 Bidders shall indicate in the space provided in the Letter of Technical and Price Bids,their full and proper addresses at which notices may be legally served on them and to which all correspondence in connection with their bids and the Contract is to be sent.

18.8 Bidders should retain a copy of the Bidding Documents as their file copy.

D. SUBMISSION OF BIDS

IB.19 Sealing and Marking of Bids

19.1 Each bidder shall submit his bid as under:

(a) ORIGINAL and two copies of the Bid shall be separately sealed and put in separate envelopes and marked as such.
(b) The envelopes containing the ORIGINAL and copies will be put in one sealed envelope and addressed / identified as given in Sub- Clause 19.2 hereof.
(c) The technical bid should comprise of documents listed in IB11.1 (A) & the price bid should comprise of documents listed in IB 11.1 (B) which shall be placed in separate envelopes in accordance with IB 11.1.

19.2 The inner and outer envelopes shall:

(a) Be addressed to the Employer at the address provided in the Bidding Data;
(b) Bearthe name and identification number of the contract as defined in the Bidding Data; and
(c) Provide a warning not to open before the time and date for bid opening, as specified in the Bidding Data.

19.3 In addition to the identification required in Sub- Clause 19.2 hereof, the inner envelope shall indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared "late" pursuant to Clause IB.21

19.4 If the outer envelope is not sealed and marked as above, the Employer will assume no responsibility for the misplacement or premature opening of the Bid.

IB.20 Deadline for Submission of Bids

20.1 (a) Bids must be received by the Employer at the address specified no later than the time and date stipulated in the Bidding Data.

(b) Bids with charges payable will not be accepted, nor will arrangements be undertaken to collect the bids from any delivery point other than that



specified above. Bidders shall bear all expenses incurred in the preparation and delivery of bids. No claims will be entertained for refund of such expenses.

(c) Where delivery of a bid is by mail and the bidder wishes to receive an acknowledgment of receipt of such bid, he shall make a request for such acknowledgment in a separate letter attached to but not included in the sealed bid package.

(d) Upon request, acknowledgment of receipt of bids will be provided to those making delivery in person or by messenger.

20.2 The Employer may, at his discretion, extend the deadline for submission of bids by issuing an amendment in accordance with Clause IB.9, in which case all rights and obligations of the Employer and the bidders previously subject to the original deadline will thereafter be subject to the deadline as extended.

IB.21 Late Bids

21.1 (a) Any bid received by the Employer after the deadline for submission of bids prescribed in Clause IB.20 will be returned unopened to such bidder.

(b) Delays in the mail, delays of person in transit, or delivery of a bid to the wrong office shall not be accepted as an excuse for failure to deliver a bid at the proper place and time. It shall be the bidder's responsibility to determine the manner in which timely delivery of his bid will be accomplished either in person, by messenger or by mail.

IB.22 Modification, Substitution and Withdrawal of Bids

22.1 Any bidder may modify, substitute orwithdraw his bid after bid submission provided that the modification, substitution or written notice of withdrawal is received by the Employer prior to the deadline for submission of bids.

22.2 The modification, substitution, or notice for withdrawal of any bid shall be prepared, sealed, marked and delivered in accordance with the provisions of Clause IB.19 with the outer and inner envelopes additionally marked "MODIFICATION", "SUBSTITUTION" or "WITHDRAWAL" as appropriate.

22.3 No bid may be modified by a bidder after the deadline for submission of bids except in accordance with Sub-Clauses 22.1 and 27.2.

22.4 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security in pursuance to Clause IB.15.

E. BID OPENING AND EVALUATION

IB.23 Bid Opening

23.1 The Employer will open the Technical Bids in public at the address, date and time specified in the Bidding Data Sheet in the presence of Bidders' designated representatives and anyone who choose to attend. The Price Bids will remain unopened and will be held in custody of the Employer until the specified time of their opening.

23.2 Envelopes marked "MODIFICATION", "SUBSTITUTION"or "WITHDRAWAL" shall be opened and read out first. Bids for which an acceptable notice of withdrawal has been submitted pursuant to Clause IB.22 shall not be opened.

23.3 Other envelopes holding the Technical Bids shall be opened one at a time, and the following read out and recorded:
(a) the name of the Bidder;
(b) whether there is a modification or substitution;
(c) the presence of a Bid Security, if required; and
(d) Any other details as the Employer may consider appropriate.

No Bid shall be rejected at the opening of Technical Bids except for late bids, in accordance with IB 21.1. Only Technical Bids read out and recorded at bid opening, shall be considered for evaluation.

Preliminary Examination of Technical Bids

23.4 (a) The Employer shall first examine qualification and experience Data as per appendix M and N submitted by the Bidder. The technical proposal examination of those bidders only shall be taken in hand who meet the minimum requirement as mentioned in appendix M and N. Only substantially responsive qualification shall be considered for further evaluation.
(b) The Employer shall examine the Technical Bid to confirm that all the documents have been provided, and to determine the completeness of each document submitted.

23.5 The Employer shall confirm that all the documents and information have been provided for evaluation of Technical bid as required under these bidding documents.

23.6 At the end of the evaluation of the Technical Bids, the Employer will invite only those bidders who have submitted substantially responsive Technical Bids and who have been determined as being qualified for award to attend the opening of the Price Bids.
The date, time, and location of the opening of Price Bids will be advised in writing by the Employer. Bidders shall be given reasonable notice for the opening of Price Bids.

23.7 The Employer will notify Bidders in writing who have been rejected on the grounds of their Technical Bids being substantially non-responsive to the requirements of the Bidding Document and return their Price Bids unopened before inviting others, who are determined as being qualified, to attend the opening of Price Bids.

23.8 The Employer shall conduct the opening of Price Bids of all Bidders who submitted substantially responsive Technical Bids, publically in the presence of Bidders` representatives who choose to attend at the address, date and time specified by the Employer. The Bidder's representatives who are present shall be requested to sign a register evidencing their attendance.

23.9 All envelopes containing Price Bids shall be opened one at a time and the following read out and recorded:
(a)The name of the Bidder;
(b) Whether there is a modification or substitution;
(c) The Bid Prices, including any discounts and alternative offers; and
(d) Any other details as the Employer may consider appropriate.

Only Price Bids and discounts, read out and recorded during the opening of Price Bids shall be considered for evaluation. No Bid shall be rejected at the opening of Price Bids.

23.4 If this Bidding Document allows Bidders to quote separate prices for different contracts, and the award to a single Bidder of multiple contracts, the methodology to determine the lowest evaluated price of the contract combinations is that which is most economical to the Employer.

IB.24 Process to be Confidential

24.1 Information relating to the examination, clarification, evaluation and comparison of bid and recommendations for the award of a contract shall not be disclosed to bidders or any other person not officially concerned with such process before the announcement of bid evaluation report which shall be done at least ten (10) days prior to issue of Letter of Acceptance. The announcement to all Bidders will include table(s) comprising read out prices, discounted prices, price adjustments made, final evaluated prices and recommendations against all the bids evaluated. Any effort by a bidder to influence the Employer's processing of bids or award decisions may result in the rejection of such bidder's bid. Whereas any bidder feeling aggrieved may lodge a written complaint not later than fifteen (15) days after the announcement of the bid evaluation report; however mere fact of lodging a complaint shall not warrant suspension of the procurement process.

IB.25 Clarification of Bids

25.1 To assist in the examination, evaluation and comparison of bids, the Employer may, at his discretion, ask any bidder for clarification of his bid, including



breakdowns of unit rates. The request for clarification and the response shall be in writing but no change in the price or substance of the bid shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the bids in accordance with Clause IB.28.

25.1 If a Bidder does not provide clarifications of its Bid by the date and time set in the Employer's request for clarification, its bid may be rejected.

IB.26 Examination of Bids and Determination of Responsiveness

26.1 Prior to the detailed evaluation of bids, the Employer will determine whether each bid is substantially responsive to the requirements of the Bidding Documents.

26.2 A substantially responsive bid is one which (i) meets the eligibility criteria; (ii) has been properly signed; (iii) is accompanied by the required Bid Security; and (iv) conforms to all the terms, conditions and specifications of the Bidding Documents, without material deviation or reservation. A material deviation or reservation is one (i) which affect in any substantial way the scope, quality or performance of the Works; (ii) which limits in any substantial way, inconsistent with the Bidding Documents, the Employer's rights or the bidder's obligations under the Contract; or (iii) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

26.3 If a bid is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.

IB.27 Correction of Errors

27.1 Bids determined to be substantially responsive will be checked by the Employer for any arithmetic errors. Errors will be corrected by the Employer as follows:

(a) where there is a discrepancy between the amounts in figures and in words, the amount in words will govern; and

(b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern, unless in the opinion of the Employer there is an obviously gross misplacement of the decimal point in the unit rate, in which case the line-item total as quoted will govern and the unit rate will be corrected.

27.2 The amount stated in the Letter of Price Bid will be adjusted by the Employer in accordance with the above procedure for the correction of errors and with

the concurrence of the bidder, shall be considered as binding upon the bidder. If the

bidder does not accept the corrected Bid Price, his Bid will be rejected, and the Bid Security shall be forfeited in accordance with Sub- Clause 15.6(b) hereof.

IB.28 Evaluation and Comparison of Bids

28.1 The Employer will evaluate and compare only the Bids determined to be substantially responsive in accordance with Clause IB.26.

28.2 In evaluating the Bids, the Employer will determine for each Bid the evaluated Bid Price by adjusting the Bid Price as follows:

(a) Making any correction for errors pursuant to Clause IB.27;
(b) Excluding Provisional Sums and the provision, if any, for contingencies in the Summary Bill of Quantities, but including competitively priced Daywork; and
(c) Making an appropriate adjustment for any other acceptable variation or deviation.

28.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in Bid evaluation.

28.4 If the Bid of the successful bidder is seriously unbalanced in relation to the Employer's estimate of the cost of work to be performed under the Contract, the Employer may require the bidder to produce detailed price analyses for any or all items of the Bill of Quantities to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, the Employer may require that the amount of the Performance Security set forth in Clause IB.32 be increased at the expense of the successful bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful bidder under the Contract.

F. AWARD OF CONTRACT

IB.29 Award

29.1 Subject to Clauses IB.30 and IB.34, the Employer will award the Contract to the bidder whose bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid Price, provided that such bidder has been determined to be eligible in accordance with the provisions of Clause IB.3 and qualify pursuant to Sub-Clause IB 29.2.

29.2 The Employer, at any stage of the bid evaluation, having credible reasons for or*prima facie* evidence of any defect in supplier's or contractor's capacities, may require the suppliers or contractors to provide information concerning



their professional, technical, financial, legal or managerial competence whether already pre-qualified or not:

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

IB.30 Employer's Right to Accept any Bid and to Reject any or all Bids

30.1 Notwithstanding Clause IB.29, the Employer reserves the right to accept or reject any Bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected bidders or any obligation except that the grounds for rejection of all bids shall upon request be communicated to any bidder who submitted a bid, without justification of grounds. Rejection of all bids shall be notified to all bidders promptly.

IB.31 *Notification of Award*

31.1 Prior to expiration of the period of bid validity prescribed by the Employer, the Employer will notify the successful bidder in writing ("Letter of Acceptance") that his Bid has been accepted. This letter shall name the sum which the Employer will pay the Contractor in consideration of the execution and completion of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Conditions of Contract called the "Contract Price").

31.2 No Negotiation with the bidder having evaluated as lowest responsive or any other bidder shall be permitted, however, Employer may have clarification meetings to get clarify any item in the bid evaluation report.

31.3 The notification of award and its acceptance by the bidder will constitute the formation of the Contract, binding the Employer and the bidder till signing of the formal Contract Agreement.

31.3 Upon furnishing by the successful bidder of a Performance Security, the Employer will promptly notify the other bidders that their Bids have been unsuccessful and return their bid securities.

IB.32 Performance Security

32.1 The successful bidder shall furnish to the Employer a Performance Security in the form and the amount stipulated in the Bidding Data and the Conditions of Contract within a period of 28 days after the receipt of Letter of Acceptance.

32.2 Failure of the successful bidder to comply with the requirements of Sub-Clause IB.32.1 or Clauses IB.33 or IB.35 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.

IB.33 Signing of Contract Agreement

33.1 Within 14 days from the date of furnishing of acceptable Performance Security

under the Conditions of Contract, the Employer will send the successful bidder the Contract Agreement in the form provided in the Bidding Documents, incorporating all agreements between the parties.

33.2 The formal Agreement between the Employer and the successful bidder shall be executed within 14 days of the receipt of the Contract Agreement by the successful bidder from the Employer.

IB.34 General Performance of the Bidders

The Employer reserves the right to obtain information regarding performance of the bidders on their previously awarded contracts/works. The Employer may in case of consistent poor performance of any Bidder as reported by the employers of the previously awarded contracts, interalia, reject his bid and/or refer the case to the Pakistan Engineering Council (PEC). Upon such reference, PEC in accordance with its rules, procedures and relevant laws of the land take such action as may be deemed appropriate under the circumstances of the case including black listing of such Bidder and debarring him from participation in future bidding for similar works.

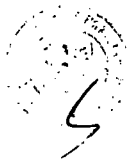
IB.35 Integrity Pact

The Bidder shall sign and stamp the Integrity Pact provided at Appendix-L to Bid in the Bidding Documents for all Federal Government procurement contracts exceeding Rupees ten million. Failure to provide such Integrity Pact shall make the bidder non-responsive.

IB.36 Instructions not Part of Contract

Bids shall be prepared and submitted in accordance with these Instructions which are provided to assist bidders in preparing their bids, and do not constitute part of theBid or the Contract Documents.

BIDDING DATA



Bidding Data

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

Instructions to Bidders
Clause Reference

1.1 Name and address of the Employer:
Trading Corporation of Pakistan (Pvt.) Ltd,
4th Floor, Block-B, FTC Building, Shahrah-e-Faisal, Karachi.

1.2 Name of the Project & Summary of the Works:

Repair, Renovation and Construction of 8th Floor, Block "A" for Office Use and Repair and Renovation Works of Kitchens and Toilets at 4th & 5th Floor, Block "B", FTC Building Shahrah-E-Faisal, Karach
The works to be carried out will be the construction of Offices at 8th Floor and renovation of Kitchen and Toilets at 4th and 5th Floor.

2.1 Type of financing:
TCP has reserved the funds from its own resources.

3.1 (c) is not in bankruptcy or liquidation proceedings.
(d) has not been convicted of fraud, corruption, collusion or money laundering.
(e) is not aware of any conflict of interest or potential conflict of interest arising from prior or existing contracts or relationships which could materially affect its capability to comply with the obligations under the management contract
(f) does not fall within any of the circumstances for ineligibility listed (Ineligibility of a Interested Person) of the RFP.
(g) is never blacklisted by any of Government, Semi Government and Autonomous.

8.1 Timelimit for clarification:

Minimum number of days to seek clarification by the prospective bidder is 07 days prior to the deadline for submission of the bids.

10.1 Bid language:

The language in which the Bidding Documents are written is'English'.

11.1 (A) The Bidder shall submit a technical proposal submitting complete copies of credentials duly signed and stamped in accordance with the evaluation criteria and in compliance with Appendicesto Bid as follows:

a. Letter of Technical Bid
b. Written confirmation authorizing the signatory of the Bid to commit the Bidder.
c. Pending litigation information.
d. Work Methodology

e. Method of Performing the Work (Appendix-F)
f. List of Major Equipment (Appendix-G)
g. Organization Chart for Supervisory Staff (Appendix-K)
h. Integrity Pact (Appendix-L)
i. Financial Competence (Appendix-M)
j. Past Performance, Current Commitment, Qualification & Experience (Appendix-N)

11.1 (B) the Bidder shall submit with its Price Bid the following documents:

a. Letter of Price Bid
b. Bill of Quantities. (Appendix-D)
c. Bid Security in form of Pay Order.

13.1 Bidders to quote entirely in Pakistani Rupees.

14.1 Period of Bid Validity:

The Bid shall remain valid for a period of 90 days after the Date of Bid Opening.

15.1 Amount of Bid Security:

The amount of Bid security shall be fixed sum (minimum)5% of the bid amount in the form of Pay Order issued by any scheduled bank of Pakistan, in the name of "Trading Corporation of Pakistan (Pvt.) Limited (TCP)".

16.1 Alternative proposals will not be considered by the Employer.

17.1 Venue, time, and date of the pre-Bid meeting:

NA.

18.4 Number of copies of the Bid to be completed and returned:

One Original and two Copies.

19.2(a) Employer's address for the purpose of Bid submission:

4th Floor, Block-B, FTC Building, Shahrah-e-Faisal, Karachi.

19.2(b) Name and Number of the Contract:

General Manager, Real Estate Business Development,
Trading Corporation of Pakistan (Pvt.) Limited (TCP)
Ph: 021-99207549

20.1(a) Deadline for submission of bids:

Bid should be submitted on or before 11:00 (hours) on **8th August, 2023** at the address mentioned below:
4th Floor, Block-B, FTC Building, Shahrah-e-Faisal, Karachi.

23.1 **Venue, time, and date of Bid opening**:

All the bids will be opened after 11:30 on the same day and venue on which bids will be submitted.

32.1 Standard form and amount of Performance Security acceptable to the Employer:

Performance Security shall be an amount equal to 10% of the Contract Price issued by Scheduled Bank of Pakistan.

TECHNICAL BID EVALUATION CRITERIA

S. No.	Description			Max. Marks
A	**CREDENTIALS** (All supporting documents shall be annexed)			
1	Valid PEC Registration with PEC in Category C-5 & above **(Mandatory)**			-
2	Valid Registration with SECP/ GOP/ Sole Proprietor **(Mandatory)**			-
3	Valid Registration with FBR / Tax Department, NTN & GST and must be on ATL **(Mandatory)**			-
B	**WORK EXPERIENCE**			
1	No. of Similar Projects In-Hand/On-going or Completed with Government / Semi-Government Body (min 05 projects) worth over PKR 20 million in past 8 Years • Provide copies of work orders & completion certificates • **(08 marks for each project)**			**40**
C	**WORK METHODOLOGY & PRESENTATION**			**30**
B	**Financial Capability**			
	Minimum Annual Turnover of Pak Rupees 50 Millionfor last 3 years (10 marks)			**10**
D	**Proposed Project Team**			
1	Project Manager B.E. (Civil) = 10 years' experience	01 No.	10 marks each	**20**
2	Site Engineer B.Arch. = 05 years' experience	01 No.	5 marks each	
4	Site Supervisors (DAE (Civil)) = 05 years' experience	01 No.	03 marks each	
5	Site Supervisors DAE (Elec/Mech.) = 08 years' experience	01 No.	02 marks each	
	TOTAL MARKS			**100**

Note:Minimum 70% marks must be attained by the bidder for being qualified. Those bidders who do not attain 70% marks will not be included for financial competition and sealed financial bids will be returned un-opened.

LETTERS OF TECHNICAL BID/ PRICE BID, AND APPENDICES TO BID



LTB-1

LETTER OF TECHNICAL BID

Date: _____
Bid Reference No. _____
(Name of Contract/Works)

To:

_____
_____
_____

We, the undersigned, declare that:

a. We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (IB) 9;

b. We offer to execute and complete in conformity with the Bidding Documents the following Works:

c. Our Bid consisting of the Technical Bid and the Price Bid shall be valid for a period of ..... days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

d. As security for due performance of the under takings and obligations of our bid, we submit here with a Bid security, in the amount specified in Bidding Data Sheet, which is valid (at least) 28 days beyond validity of Bid itself.

e. We are not participating, as a Bidder or as a subcontractor, in more than one bid in this bidding process, other than alternative offers submitted in accordance with IB16 (as applicable).

f. We agree to permit Employer or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors. This permission is extended for verification of any information provided in our Technical Bid which comprises all documents enclosed herewith in accordance with IB.11.1 of the Bidding Data Sheet.

Dated this _____day of_____20_____

Signature: _____

In the capacity of _____

Duly authorized to sign Bids for and on behalf of

_____
(Name of Bidder in Block Capitals)
(Seal)

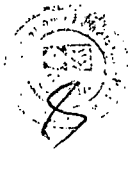
Address: _____
_____
_____

Witness:

Signature: _____
Name: _____

Address. _____
_____

Occupation_____



LPB-1

LETTER OF PRICE BID

Date: _____
Bid Reference No. _____
(Name of Contract/Works)

To:

_____
_____
_____

We, the undersigned, declare that:

a. We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (IB) 9;

b. The total price of our Bid, excluding any discounts offered in item (c) below is:

c. The discounts offered and the methodology for their application are:

d. Our Bid shall be valid for a period of ..... days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

e. If our Bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents;

f. We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed and we do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other bidder for the Works.

g. We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

h. We agree to permit Employer or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors. This permission is extended for verification of any information provided inour Technical Bid which comprises all documents enclosed herewith in accordance with IB.11.1 of the Bidding Data Sheet;

i. If awarded the contract, the person named below shall act as Contractor's Representative.

Signature: _____

In the capacity of _____

Duly authorized to sign Bids for and on behalf of

_____

(Name of Bidder in Block Capitals)

(Seal)

Dated this _____day of_____20_____

Address: _____

_____

_____



SPECIAL STIPULATIONS

Clause

Conditions of Contract

1.	Engineer's Authority to issue Variationin emergency	2.1	2% of the Contract Pricestated in the Letter of Acceptance.
2.	Amount of Performance Security	10.1	10% of Contract Price stated in the Letter of Acceptance.
3.	Time for Furnishing Programme	14.1	Within 42 days from the date of receipt of Letter of Acceptance.
4.	Minimum amount of ThirdParty Insurance	23.2	Rs. 1,000,000/- per occurrence with number of occurrences unlimited.
5.	Time for Commencement	41.1	Within 14 days from the date of receipt of Engineer's Notice to Commence which shall be issued within fourteen (14) days after signing of Contract Agreement.
6.	Time for Completion	43.1, 48.2	120days from the date of receipt of Engineer's Notice to Commence.
8.	Defects Liability Period	49.1	365 days from the effective date of Taking Over Certificate.
9.	Percentage of Retention Money	60.2	10 % of the amount of Interim Payment Certificate.
10.	Limit of Retention Money	60.2	5 % of Contract Price stated in the Letter of Acceptance.
11	Time of Payment from delivery of Engineer's Interim Payment Certificate to the Employer.	60.10	28 days from the date of submission to the Engineer.

FOREIGN CURRENCY REQUIREMENTS

1. The Bidder may indicate here in below his requirements of foreign currency (if any), with reference to various inputs to the Works

2. Foreign Currency Requirement as percentage of the Bid Price excluding Provisional Sums _____%.

3. Table of Exchange Rates

NOT APPLICABLE

Unit of Currency	Equivalent in Pak. Rupees
Australian Dollar	----------
Euro	----------
Japanese Yen	----------
U.K. Pound	----------
U.S. Dollars	----------
----------	----------
----------	----------

PRICE ADJUSTMENT UNDER CLAUSE 70 OF CONDITIONS OF CONTRACT

The source of indices and the weightages or coefficients for use in the adjustment formula under Clause 70 shall be as follows:

(To be filled by the Employer)

Cost Element	Description	Weightages	Applicable index
1	2	3	4
(i)	Fixed Portion	0.350	
(ii)	Local Labour		Government of Pakistan (GP) Federal Bureau of Statistics (FBS) Monthly Statistical Bulletin.
(iii)	Cement –in bags		" " "
(iv)	Reinforcing Steel		" " "
(v)	High Speed Diesel (HSD)		" " "
(vi)	Bricks		" " "
(vii)	Bitumen		" " "
(viii)			
	Total	1.000	

NOT APPLICABLE

Notes:

1) Indices for "(ii)" to "(vii)" are taken from the Government of Pakistan Federal Bureau of Statistics, Monthly Statistical Bulletin. The base cost indices or prices shall be those applying 28 days prior to the latest day for submission of bids. Current indices or prices shall be those applying 28 days prior to the last day of the billing period.

2) Any fluctuation in the indices or prices of materials other than those given above shall not be subject to adjustment of the Contract Price.

3) Fixed portion shown here is for typical road project, Employer to determine the weightage of Fixed Portion considering only those cost elements having cost impact of seven (7) percent or more on his specific project.

(Employers using this price adjustment provisions may add or delete any elements as deemed appropriate to the project.)

Appendix-D to Bid

BILL OF QUANTITIES

Bill of Quantities are attached as Annexure-A

TRADING CORPORATION OF PAKISTAN

(PVT) LTD. - TCP

Trading Corporation of Pakistan
(Pvt) Ltd. - TCP

REPAIR, RENOVATION & CONSTRUCTION OF 8TH FLOOR BLOCK A FOR OFFICE USE

&

REPAIR & RENOVATION WORK OF KITCHEN & TOILETS AT 4TH & 5TH FLOOR BLOCK B FTC-KARACHI

BOQ

LOGIX Project Managers Consultants Advisors

TRADING COORPORATION PAKISTAN

REPAIR & RENOVTION WORK OF WASHROOMS AND KITCHEN AT 4TH & 5TH FLOOR & 8TH FLOOR

BILL OF QUANTITIES (BOQ)

MAIN SUMMARY

S.No	Description	Amount (PKR)
1	Renovation Work At 8th Floor	
2	Renovation Work Of Washrooms & Kitchen At 4th & 5th Floor	
	GRAND TOTAL (PKR)	

TRADING CORPORATION OF PAKISTAN

(PVT) LTD. - TCP

REPAIR, RENOVATION & CONSTRUCTION OF 8TH FLOOR BLOCK A FOR OFFICE USE

BOQ

Project Managers

LOGIX Consultants

Advisors

TRADING COORPORATION PAKISTAN
REPAIR & RENOVTION WORK AT 8TH FLOOR
BILL OF QUANTITIES (BOQ)
SUMMARY

S.No	Description	Amount
A	Civil Works	
B	Plumbing	
C	Electrical	
D	HVAC	
	GRAND TOTAL (PKR)	

TRADING COORPORATION PAKISTAN
REPAIR & RENOVTION WORK AT 8TH FLOOR
BILL OF QUANTITIES (BOQ)

S.NO.	DESCRIPTION	UNIT	QUANTITY	RATES	AMOUNT (PKR)
A	CIVIL WORKS				
1	Dismantling/Demolishing of Wall				
	Dismantalling of existing cement concrete block masonary work as or where required, according to the drawing incuding stacking, salvage mterial and disposing of surplus material as directed by The Engineer.	Cft	121.00		
2	Block Masonary				
	Providing and laying 1:3:6 cement concrete solid Block Masonry 4 to 6 inches thick using graded screened bajri 34 inch and down guage set in lime cement mortar 1:1:6 including scaffolding, raking out joints and curing etc. complete in all respect or as directed by The Engineer.	CFT	450.00		
3	Cement Plaster				
	Providing and applying cement sand plaster 3/4" thick having ratio 1:5 on newly constructed masonry wall, striaght in line and plumb and including smooth trowelling the surface, curing etc, including the cost of ll material, labour, T&P, complete as per drawings and as directed by The Engineer.	SFT	2,230.00		
4	Paint				
	a) On New Constructed Walls				
	Providing and applying two coats of matt finish of approved shade and colour (ICI / Berger / Jotun or other approved equivalent over a coat of primer, including preparing the surfaces by rubbing with crborundum stone / sand paper etc, including the cost of removing of existing paint, all material, labour, T&P complete as per drawings and as directed by The Engineer.	SFT	2,230.00		
	b) On Existing Walls				
	Providing and applying two coats of matt finish of approved shade and colour (ICI / Berger / Jotun or other approved equivalent over a coat of primer, including preparing the surfaces by rubbing with crborundum stone / sand paper etc, including the cost of removing of existing paint, all material, labour, T&P complete as per drawings and as directed by The Engineer.	SFT	4,832.00		
5	False Ceiling				
	Providing and fixing Gypsum Board 2' x 2' x12mm tiles ceiling of approved design and colour, including aluminium T and L-angle 1" x 1" I-c Hanger jointing clips and GI wire etc. Complete in all respect or as directed by The Engineer.	SFT	5,320.00		
6	Wooden Door				
	a) Door Size 3'-0"x7'-0"				



TRADING COORPORATION PAKISTAN
REPAIR & RENOVTION WORK AT 8TH FLOOR
BILL OF QUANTITIES (BOQ)

S.NO.	DESCRIPTION	UNIT	QUANTITY	RATES	AMOUNT (PKR)
A	CIVIL WORKS				
	Shutter: Providing and fixing 2" th. Best quality deodar wood shutters of defined sizes fully paneled with same wood approved iron hinges, tower bolts and door handles or any other hardware or accessories used complete in all respect or as directed by The Engineer.	Sft	21.00		
	Frame: Providing and fixing best quality deodar wood built in frame with 2" th. Deodar wood including the cost of beading, door stopper or any other hardware accessories required complete in all respect or as directed by The Engineer.	Cft	1.50		
	b) Door Size 5'-0"x7'-0"				
	Shutter: Providing and fixing 2" th. Best quality deodar wood shutters of defined sizes fully paneled with same wood approved iron hinges, tower bolts and door handles or any other hardware or accessories used complete in all respect or as directed by The Engineer.	Sft	35.00		
	Frame: Providing and fixing best quality deodar wood built in frame with 2" th. Deodar wood including the cost of beading, door stopper or any other hardware accessories required complete in all respect or as directed by The Engineer.	Cft	1.60		
7	Glass Partition				
	Providing/fixing of S-type 12mm plain glass frosted partition of overall internal side according to drawing including vertical suppports as shown in the drawings with all hardware/accessories and with crystal polished edges supported with U section stainless steel. Complete as per entire satisfaction of The Engineer.	SFT	2,560.00		
8	Glass Door (3'-0" x 7'-0")				
	Providing/fixing of S-type 12mm plain glass frosted doors of overall internal side as shown in drawings including heavy duty best quality door machines and S.S handles with all hardware/accessories and with crystal polished edges supported Complete as per entire satisfaction of The Engineer.	SFT	225.00		
9	Floor Tile				
	Providing and laying 24" x 24 " approx. full body porcelain tile polished on floors with dry bond over a base of 1" th. Mortar including grouting, joining to tiles with joint filler of approved quality as per direction of The Engineer.	SFT	5,487.00		
				TOTAL AMOUNT (PKR) CIVIL WORKS	

TRADING COORPORATION PAKISTAN
REPAIR & RENOVTION WORK AT 8TH FLOOR
BILL OF QUANTITIES (BOQ)

S.NO.	DESCRIPTION	UNIT	QUANTITY	RATES	AMOUNT (PKR)
B	PLUMBING WORKS				
1	SINK				
	Providing and fixing kitchen sink with long neck sink mixtures with its all accessories,waste pipe and eight overhead and base cabinets etc. complete in all respect or as directed by the engineer	Nos.	1.00		
2	WATER SUPPLY PIPES AND FITTINGS				
	Supply & installation of PPR pipe of specific pipe dias for water supply in internal areas with all required fittings and accessories complete in all respect or as directed by the Engineer				
	a) 25mm dia	Rft.	15.00		
	b) PPR 25mm dia check valves including jointing arrangement of pipes on both ends of valves; nuts, bolts etc. complete in all respects.	Each	1.00		
3	SOIL, WASTE AND VENT PIPES & FITTINGS				
	Supply & Installation of uPVC pipe of specific pipe dias for water supply in internal areas with all required fittings and accessories complete in all respect or as directed by the Engineer				
	a) 4" dia	Rft.	20.00		
	b) uPVC Multi Floor Trap (110x75mm) including strainer; supports; making required number of connections; breaking concrete or masonry work & then making it good; etc.	Each	2.00		
				TOTAL AMOUNT (PKR) PLUMBING WORKS	

TRADING COORPORATION PAKISTAN
REPAIR & RENOVTION WORK AT 8TH FLOOR
BILL OF QUANTITIES (BOQ)

S.NO.	DESCRIPTION	UNIT	QUANTITY	RATES	AMOUNT (PKR)
C	ELECTRICAL WORKS				
1	LIGHT, FAN, SOCKET WIRING				
1.1	Providing & wiring of light point controlled through one switch/light dimmer for Area, wired with Specified cable size in 20 mm dia PVC Pipe installed in concealed wall/slab/floor or 25x25mm GI Channel installed on surface as per site condition. Complete with all wiring & conduiting accessories such as saddle ceiling rose, junction box, flexible steel Shelling wire Pipe between roof and false ceiling/light fixture & Wall cutting and chiseling, complete in all respects and ready for use.				
a)	Light point controlled by one switch. (Wired: 3x1.5mm² S/C PVC Cable) (Approx. Length: 8 MTR)	Nos.	110.00		
b)	Light point from point to point. (Wired: 3x1.5mm² S/C PVC Cable) (Approx. Length: 5 MTR)	Nos.	90.00		
c)	False Ceiling Fan Point (Wired: 3x2.5mm² S/C PVC Cable) (Approx. Length: 8 MTR)	Nos.	4.00		
d)	Exhaust Fan Point (Wired: 3x2.5mm² S/C PVC Cable) (Approx. Length: 8 MTR) (Rate Only)	Nos.	1.00		
1.2	Providing & Light Circuit wiring from distribution board to switch/lighting points and from switch board to other switch board as mentioned in the drawings with 3x2.5 sq.mm single core PVC wires in 20 mm dia PVC Pipe installed in concealed wall/slab/floor or 25x25mm GI Channel installed on surface as per site condition. Complete with all accessories. (Approx. Length: 30 MTR)	Nos.	12.00		
1.3	Providing & Wiring for 10A, 3 Pin International switch socket outlets (Raw power circuits) with 3x1C-2.5mm² PVC insulated copper wires in 20 mm dia PVC Pipe installed in concealed wall/slab/floor or 25x25mm GI Channel installed on surface as per site condition. Complete in all respect as per drawing and specification.	Nos.	20.00		
a)	Same as above item but point to point or additional point. (Approx. Length: 5 MTR)	Nos.	110.00		
1.4	Providing & Wiring for 15A, 3 Pin International switch socket outlets (Raw power circuits) with 3x1C-4mm² PVC insulated copper wires in 20 mm dia PVC Pipe installed in concealed wall/slab/floor or 25x25mm GI Channel installed on surface as per site condition. Complete in all respect as per drawing and specification.	Nos.	1.00		
a)	Same as above item but point to point or additional point. (Approx. AVG Length: 5 MTR) (Rate Only)	Nos.	1.00		

TRADING COORPORATION PAKISTAN
REPAIR & RENOVTION WORK AT 8TH FLOOR
BILL OF QUANTITIES (BOQ)

S.NO.	DESCRIPTION	UNIT	QUANTITY	RATES	AMOUNT (PKR)
C	ELECTRICAL WORKS				
1.5	*Technology Box# 01* For Office tables Supply & Installation of 16 SWG galvanized sheet steel powder coated technologic box Wall/Furniture type with following Face Plates. 1 No. 10A, Multi pin switch socket outlet Raw Power. 1 No. 10A, Multi pin switch socket outlet Raw Power. 1 No. RJ11 device plate outlet for TeleCom Socket with IO 1 No. RJ45 device plate outlet for Data Socket with IO Complete in all respect.	Nos.	40.00		
1.6	*Technology Box# 02* For LCD / LED TV Supply & Installation of 16 SWG galvanized sheet steel powder coated technologic box Wall/Furniture type with following Face Plates. 1 No. 10A, Multi pin switch socket outlet Raw Power. 1 No. 10A, Multi pin switch socket outlet Raw Power. 1 No. TV device plate outlet for MATV Socket with IO 1 No. RJ45 device plate outlet for Data Socket with IO Complete in all respect.	Nos.	2.00		
1.7	*Floor Box# 01* For Installed in Floor Level Supply & Installation of 16 SWG galvanized sheet steel powder coated Floor Box with following Face Plates. 1 No. 10A, Multi pin switch socket outlet. 1 No. 10A, Multi pin switch socket outlet. 1 No. RJ11 device plate outlet for TeleCom Socket with IO 1 No. RJ45 device plate outlet for Data Socket with IO 1 No. HDMI Socket Complete in all respect.	Nos.	11.00		
1.8	Supply and installation of following Power Socket & Gang Switches with 16 SWG powder coated sheet back box and specified face plate with all accessories, complete in all respect as per drawing and specifications.				
	Power Socket's				
a)	10A, 3 Pin International Switch Socket Outlets	Nos.	26.00		
b)	15A, 3 Pin International Switch Socket Outlets	Nos.	2.00		
	Gang Switch's				
a)	1 Gang 10A, Switch Outlets for Lighting	Nos.	1.00		
b)	2 Gang 10A, Switch Outlets for Lighting	Nos.	2.00		
c)	3 Gang 10A, Switch Outlets for Lighting	Nos.	17.00		
d)	4 Gang 10A, Switch Outlets for Lighting	Nos.	9.00		
e)	5 Gang 10A, Switch Outlets for Lighting	Nos.	4.00		
f)	Fan Dimmer Sheet	Nos.	1.00		
2	L.V SWITCH GEAR & DISTRIUTION BOARD				

TRADING COORPORATION PAKISTAN
REPAIR & RENOVTION WORK AT 8TH FLOOR
BILL OF QUANTITIES (BOQ)

S.NO.	DESCRIPTION	UNIT	QUANTITY	RATES	AMOUNT (PKR)
C	ELECTRICAL WORKS				
2.1	Providing, testing & commissioning of Main Building Panel of 1.5 / 2 mm thick sheet steel fabricated, Wall Mounted OR Floor Standing, suitable for 415 volts, 3 Phase, 4-wire, 50 Hz, A/C system, as shown on drawing and as per instruction of consultant, incorporating following component configuration review the single line diagram. (15% extra space is required for future extension and 99.9% imported copper bus bar to be used). Detail are already mention in Drawing, Complete				
a)	Same as item# 2.1, but Configuration as following.				
1	*PDB-TCP-01 FOR LIGHTING DB GROUND FLOOR*				
	Incoming:				
	1 - 63A TP MCCB 15KA				
	3 - Indication Lights				
	1 - Neutral Bar				
	1 - Earth Bar				
	Outgoing:				
	12 x 10 A SP 6ka MCB				
	24 x 16 A SP 6ka MCB	Nos.	1.00		
3	L.V. MAIN / SUB MAIN CABLES				
3.1	Providing, Laying, connection, testing & commissioning of Owner Provided the following sizes of main, sub main 600V/1000V grade copper cables to BS 6346 or as required, complete with all fixing & termination accessories, such as Angle iron support / Bracket, cable lugs (Bimetal), sleeves, jacketing, cable boots & etc. Clipped to surface with cleats or on already installed cable tray/ Trunking or raceway or laid direct underground as per drawings and specifications. Note: **The Below Cable Length are tentative. Contractor must be take physical measurement before order the cable.**				
a)	*MAIN SOURCES CABLES*				
1	FEEDER FROM MAIN FLOOR PANEL TO PDB-TCP-01				
	16MM² 4CORE PVC/PVC CU CABLE + 10MM² S/C PVC CU CABLE AS ECC	Mtr.	20.00		
4	CABLE TRAY / PIPES				
4.1	Supply, Installation of following sizes 16 SWG GI / MS Cable Tray Powder Coated Cable tray with cover. All fixing accessories Offset, Tee, Bend, Angle Iron Bracket & Thread Rod with Fisher Nut Bolt. Complete in all respect as per drawing & specification. Color will be approved as per Client & Architect. ***Note: The Below Cable Tray Length are tentative. Contractor must be take physical measurement before order the Cable Tray. Route also change as per site condition.***				
	Power Cable Tray (Color Orange) (RATE ONLY)				
a)	100x100mm Perforated	Mtr.	10.00		
b)	50x38mm Channel	Mtr.	10.00		
c)	25x25mm Channel	Mtr.	10.00		
	Data & CCTV System Cable Tray (Color Blue) (RATE ONLY)				
a)	100x100mm Perforated	Mtr.	10.00		

TRADING COORPORATION PAKISTAN
REPAIR & RENOVTION WORK AT 8TH FLOOR
BILL OF QUANTITIES (BOQ)

S.NO.	DESCRIPTION	UNIT	QUANTITY	RATES	AMOUNT (PKR)
C	ELECTRICAL WORKS				
b)	50x50mm Channel	Mtr.	10.00		
c)	25x38mm Channel	Mtr.	10.00		
e)	38x25mm Channel (Red Color) Fire Alarm System	Mtr.	150.00		
4.2	Supply, installation of following sizes PVC conduit with all required accessories for sub main cables on concealed / surface, complete in all respect as per drawing & specification. The Below Extra Conduit used as per site condition if required. (RATE ONLY)				
a)	25mm dia. PVC conduit.	Mtr.	10.00		
b)	38mm dia. PVC conduit.	Mtr.	10.00		
c)	50mm dia. UPVC Class D conduit.	Mtr.	10.00		
5	LIGHTING FIXTURES AND FANS				
5.1	Providing, installation and connection following lighting fixtures (Make: Philips or Equivalent) as specified in the lighting fixtures schedule & specification complete with CFL / LED lamp, holders, electronic ballast, supports, hanging rod or chain & fixing materials, etc. including all mounting accessories. Complete in all respect.				
Note	Fluorescent / PLC lamps / LED Light as per Client Requirement				
a)	Down Light 15W Led Light	Nos.	50.00		
b)	Down Light 10W Led Light	Nos.	100.00		
c)	Smart Panel Light (2'x2') 40W Led	Nos.	11.00		
d)	Smart Panel Light (1'x1') 20W Led	Nos.	41.00		
e)	Decorative Wall / Picture Light	Nos.	10.00		
f)	Wall Betten Light 4' 40W Led	Nos.	2.00		
h)	Emergency Light with Battery Backup	Nos.	1.00		
i)	Exit Sign Light	Nos.	1.00		
5.2	Providing, installation, testing & commissioning of False Ceiling Fan (Millat / GFC / Pak Fan) with all fixing arrangement as per instruction of consultant and ready for use.	Nos.	4.00		
5.3	Same as Above but 8" Dia Exhaust fan, with all fixing accessories.	Nos.	1.00		
6	MATV, DATA & TELE COMMUNICATION SYSTEM				
6.1	Supply & installation of following passive equipment's only for MATV, Data & Telecom Communication System including all material, labor, tools, accessories etc. Complete in all respects. Quantities for cables shown in BOQ are estimated. Contractor is advised to take measurement at site before commencement of works.				
a)	Face plate with 1 nos TV Point including shutter and 16 SWG sheet steel back boxes with brass earth terminal.	Nos.	2.00		
b)	Face plate with 1 nos RJ-45 I/O for DATA including shutter and 16 SWG sheet steel back boxes with brass	Nos.	41.00		
c)	Face plate with 1 nos RJ-11 I/O for Telephone including shutter and 16 SWG sheet steel back boxes with brass	Nos.	41.00		

TRADING COORPORATION PAKISTAN
REPAIR & RENOVTION WORK AT 8TH FLOOR
BILL OF QUANTITIES (BOQ)

S.NO.	DESCRIPTION	UNIT	QUANTITY	RATES	AMOUNT (PKR)
C	ELECTRICAL WORKS				
6.2	Supply & installation of following Cables for MATV, Data & Telecom Communication System Including 20mm dia PVC Pipe with all installation accessories etc. Complete in all respects. Quantities for cables shown in BOQ are estimated. Contractor is advised to take measurement at site before commencement of works.				
a)	4 pair UTP CAT-VI E cables for Data & Telecom communication system from Main Telecom Junction Box to each workstations in appropriate size of PVC conduit & Laid in cable tray. Complete in all respects.	Mtr.	3,000.00		
b)	TV Cables for MATV system from Main TV Junction box to TV Point in appropriate size of PVC conduit & Laid in cable tray. Complete in all respects.	Mtr.	100.00		
c)	HDMI Cables for Meeting Room Floor Box to LCD TV in appropriate size of PVC conduit & Laid in cable tray. Complete in all respects.	Mtr.	50.00		
6.3	Supply and installation of 12U, Wall mounted Cabinet/Rack, 600mm(D) x 800mm(F), with 2 No's PDU with 8 No's power socket panel and 2 No. exhaust fan.				
a)	Communication Rack	No's	1.00		
6.4	Supply, Installation of Following CAT-VI Patch Panels & Switches for Communication system Including all mounting accessories. Complete in all respects.				
a)	48-port CAT-VI patch panel for Data Network.	No's	1.00		
b)	48-port CAT-V patch panel for Telecom Network.	No's	1.00		
c)	Front / Rear Cable Organizer.	Job.	1.00		
d)	1 mtr long CAT-VI drop/patch cord with RJ-45 connectors at both ends for data.	No's	50.00		
e)	2 mtr long CAT-V drop/patch cord with RJ-11 connectors at both ends for telecom.	No's	50.00		
f)	Data Network Cable termination both end. Switch to	Job.	1.00		
g)	Telephone Cable termination both end.	Job.	1.00		
6.5	Testing, Commissioning and proper tagging of complete MATV, TeleCom & DATA Communication System by authorized local representative of the manufacturer.	Job.	1.00		
7	WIFI SYSTEM				
7.1	*Each COMM. RACK*				
a)	Front / Rear Cable Organizer.	Nos	1.00		
b)	Patch Cord for Patch Panel to Switch	Job	1.00		
c)	Providing testing commisioning of WIFI router 450mpbs for Wifi Network devices, complete with all fixing accessories. Complete with all respect & ready to used.				
d)	WIFI Router	Nos.	2.00		
7.2	Supply, Installation and connection of Cat-6E cable for WIFI NETWORK. Laid in 20mm dia. Pvc pipe and already laid cable tray including all accessories as per specifications and drawings.	Mtr	50.00		
7.3	Testing, Commissioning, connect to existing system and proper tagging of WIFI by authorized local representative of the manufacturer.	Job	1.00		

TRADING COORPORATION PAKISTAN
REPAIR & RENOVTION WORK AT 8TH FLOOR
BILL OF QUANTITIES (BOQ)

S.NO.	DESCRIPTION	UNIT	QUANTITY	RATES	AMOUNT (PKR)
C	ELECTRICAL WORKS				
8	EARTHING SYSTEM (IF REQUIRED)				
8.1	Supply and Installation of Earthing pits for the following equipment's, complete with 25mm Dia, 3Mtr long copper rod with specified cable from earth rod to test point in hand hole or at wall, 4" dia Bore up to water level, etc. as indicated in specification and drawings. Complete with 50mm dia G.I. pipe with perforation breather hole, cable clamps, tees and all accessories as per drawings. Each earth pit is to be provided with a concrete hand hole (300 x 300 x 450 mm) deep with heavy duty (10mm MS plate) cover including test clamp, specified cable, all Rod, Cable Clamp, & connectors must be (Make: Dehn Brand or approved equivalent). Complete in all respect.				
a)	Main Panel Body Earth 2X35mm² S/C Bare CU Cable As ECC	Nos	1.00		
8.2	Supply, installation & connection of earthing copper strip of size 300 x 25 x 5(mm) with GI Sheet Box as per ETR clau	Nos	1.00		
8.3	Supply, installation and connection of the following PVC insulated earthing conductors in PVC pipe Schedule 'D' of required size from earth pit to respective equipment as per drawings and specifications. Contractor is advised to take measurement at site before commencement of				
a)	Main Panel Body Earth 2X25mm² S/C PVC CU Cable As ECC Green Color	Mtr.	30.00		
8.4	Supply and laying of following sizes pipes with accessories for laying of earthing lead, from earth terminal to respective equipment, complete in all respect. The cable Qty taken from the drawing contractor must be physical measurement before order				
a)	38mm dia. PVC pipe class 'D'	MTR	20.00		
b)	50mm dia. PVC pipe class 'D'	MTR	30.00		
9	SHOP & AS-BUILT DRAWINGS				
9.1	*Shop Drawing Work* Before start of execution works the contractor shall supply one soft copy and three hard copies of shop drawings which clearly indicate all as per site changes and specially routes panel location and etc. Coordination drawing for all mep services.	Job	1.00		
9.2	*As-Built Drawing Work* On completion of the works the contractor shall supply one soft copy and three hard copies of as-built drawings which clearly indicate all amendments, junction boxes, pull boxes, etc. The as built drawings shall indicate the entire electrical installation as actually carried out on site including telephone, fire alarm system, electrical wiring, LV switchgear panels, distribution panels and schematic diagram. work includes also provides and submit the following test report along with As built				
a)	DB's Load Balance Report				
d)	Earth Test Report				
c)	Megger Test Report				

TRADING COORPORATION PAKISTAN
REPAIR & RENOVTION WORK AT 8TH FLOOR
BILL OF QUANTITIES (BOQ)

S.NO.	DESCRIPTION	UNIT	QUANTITY	RATES	AMOUNT (PKR)
C	ELECTRICAL WORKS				
d)	Providing & tagging of All DBs/ Panels, wiring, cables, Fans, Lights, Machines, Sockets, Switches, Cable trays, Earthing System etc as per Instruction of Consultant.	Job	1.00		
9.3	Approval for electrical inspector / relevant authorities of entire electrical work.	Job	1.00		
	TOTAL AMOUNT (PKR) ELECTRICAL WORKS				

TRADING COORPORATION PAKISTAN
REPAIR & RENOVTION WORK AT 8TH FLOOR
BILL OF QUANTITIES (BOQ)

S NO.	DESCRIPTION	UNIT	QUANTITY	RATES	AMOUNT (PKR)
D	HVAC WORKS				
1	DUCTING (If Required)				
	Supply and Installation of G.I. sheet metal duct for different sections of supply, return & exhaust air including plenums, splitter dampers, guide vanes, access door, transformation, plenums chambers complete in all respects ready to operate	SFT	500		
2	DUCT INSULATION (If Required)				
	Supply & installation of 1" thick Aluminum Foil Fiber Glass (16 kg/m3 density) insulation for G.I. sheet metal ducts of different sections for supply and return air wrapped with Aluminum tape protected with 8oz canvas cloth then painted with anti fungus paint.	SFT	500		
3	SOUND LINER				
	Providing and Fixing of 1" thick duct sound liner complete with accessories.	SFT	250		
4	SHOP & AS BUILT DRAWING				
	Making of Drawings (on ACAD).	Job	1		
5	TESTING & COMMISSIONING.				
	Testing commissioning & Air balancing of complete system .	Job	1		
6	TEST RUN				
	Cost of One month test run	Job	1		
				TOTAL AMOUNT (PKR) HVAC WORKS	

TRADING CORPORATION OF PAKISTAN

(PVT) LTD. - TCP

REPAIR & RENOVATION WORK OF KITCHEN & TOILETS AT 4TH & 5TH FLOOR BLOCK B FTC-KARACHI

BOQ

Project Managers
LOGIX Consultants
Advisors

TRADING COORPORATION PAKISTAN
RENOVTION WORK OF WASHROOM AND KITCHEN AT 4TH & 5TH FLOOR
BILL OF QUANTITIES (BOQ)
SUMMARY

S.No.	Description	Amount
A	Civil Works	
B	Plumbing	
	GRAND TOTAL (PKR)	

TRADING COORPORATION PAKISTAN
RENOVATION WORK OF WASHROOMS & KITCHEN AT 4TH & 5TH FLOOR
BILL OF QUANTITIES (BOQ)

S.NO.	DESCRIPTION	UNIT	QUANTITY	RATES	AMOUNT (PKR)
A	Civil Works				
1	Dismantalling Work				
	Dismantalling of Sanitary Fixtures, Wooden Doors (If required), Wooden Cabinet, & Sink etc of Washrooms, & Kitchen also removing of tile including clearing of debris from the premises complete in all aspects or as directed by the engineer.	Job	1.00		
2	Block Masonary (Changing Room)				
	Providing and laying 1:3:6 cement concrete solid Block Masonry 4 to 6 inches thick using graded screened bajri 34 inch and down guage set in lime cement mortar 1:1:6 including scaffolding, raking out joints and curing etc. complete in all respect or as directed by The Engineer.	CFT	70.00		
3	Cement Plaster (Changing Room)				
	Providing and applying cement sand plaster 3/4" thick having ratio 1:5 on newly constructed masonry wall, striaght in line and plumb and including smooth trowelling the surface, curing etc, including the cost of il material, labour, T&P, complete as per drawings and as directed by the Engineer	SFT	140.00		
4	Paint				
	a) Existing				
	Providing and applying two coats of matt finish of approved shade and colour (ICI / Berger / Jotun or other approved equivalent over a coat of primer, including preparing the surfaces by rubbing with crborundum stone / sand paper etc, including the cost of removing of existing paint, all material, labour, T&P complete as per drawings and as directed by the Engineer.	SFT	6,560.00		
	b) New Construction				
	Providing and applying two coats of matt finish of approved shade and colour (ICI / Berger / Jotun or other approved equivalent over a coat of primer, including preparing the surfaces by rubbing with crborundum stone / sand paper etc, including the cost of all material, labour, T&P complete as per drawings and as directed by the Engineer.	SFT	50.00		
5	Tile Work				
	a) Floor				
	Providing and laying local made good quality glazed non-skid vitrified porcelain tile polished having size not more than 12" x 16" of approved colour on floors at any floor layed with dry bond over a base of 1" th. Mortar including joining to tiles with joint filler of approved quality as per direction of The Engineer.	SFT	960.00		
	b) Wall				

TRADING COORPORATION PAKISTAN
RENOVATION WORK OF WASHROOMS & KITCHEN AT 4TH & 5TH FLOOR
BILL OF QUANTITIES (BOQ)

S.NO.	DESCRIPTION	UNIT	QUANTITY	RATES	AMOUNT (PKR)
A	Civil Works				
	Providing and fixing local made good quality colored glazed tile upto having size not more than 12" x 16" in Dado and skirting 1" thick base of cement mortar 1:3 setting of tiles in slurry of grey cement over mortar base including filling the joints with grout to matching the color and washing the tile curing and cleaning etc, complete in all respect or as directed by The Engineer.	SFT	1,900.00		
6	Glass Partition (Director Washroom)				
	Providing/fixing of S-type 12mm plain glass frosted partition of overall internal side according to drawing with crystal polished edges supported with U section stainless steel and glass door (4'-0" x 8'-0") including all its accessories like handles, hinges or hardware etc complete in all respect or as directed by The Engineer.	SFT	64.00		
7	Paint (Wooden Doors)				
	Providing and applying 2 coats of enamel paint on existing doors of approved shade including removing of old paint papering rubbing and making surface etc. complete in all respect or as directed by The Engineer.	SFT	650.00		
				TOTAL AMOUNT (PKR) CIVIL WORKS	

TRADING COORPORATION PAKISTAN
RENOVATION WORKS OF WASHROOMS & KITCHEN AT 4TH & 5TH FLOOR
BILL OF QUANTITIES (BOQ)

S No.	Description	UNIT	QTY	Rate	Amount (PKR)
B	PLUMBING WORKS				
1	KITCHEN SINK				
	Providing and fixing kitchen sink with long neck sink mixtures including its vanity,all accessories and waste pipe etc. complete in all respect or as directed by the engineer	Nos.	2.00		
2	Western Commode				
	Supply & fixing of Western commode with 6 Lit Capacity of Flush tank with all required fittings and accessories in all respect or as directed by the Engineer.	Nos.	6.00		
3	Muslim Shower				
	Supply & fixing of Muslim shower with all required fittings and accessories in all respect or as directed by the Engineer.	Nos.	6.00		
4	Wash Basin				
	Supply & fixing of Wash Basen with all required fittings and accessories in all respect or as directed by the Engineer.	Nos.	6.00		
5	Wash Basin With Cabinets and mirror (Director Washroom)				
	Supply & fixing of Wash Basin with all required fittings and accessories including vanity in corian as per drawing complete in all respect or as directed by the Engineer.	Nos.	2.00		
6	Eastern WC				
	Supply & fixing of Indian WC with 6 Lit Capacity of Flush tank with all required fittings and accessories in all respect or as directed by the Engineer.	Nos.	6.00		
7	Tap				
	Supply & fixing of sanitary taps with all required fittings and accessories in all respect or as directed by the Engineer.	Nos.	12.00		
8	Shower				
	Supply & fixing of shower with shower head and with all required fittings and accessories in all respect or as directed by the Engineer.	Nos.	2.00		
9	WATER SUPPLY PIPES AND FITTINGS				
	Supply & Installation of PPR pipe of specific pipe dias for water supply in internal areas with all required fittings and accessories complete in all respect or as directed by the Engineer				
	a) 25mm dia	Rft.	145.00		
	b) PPR 25mm dia check valves including jointing arrangement of pipes on both ends of valves; nuts, bolts etc. complete in all respects.	Each	200		
9	SOIL, WASTE AND VENT PIPES & FITTINGS				
	Supply & Installation of uPVC pipe of specific pipe dias for water supply in internal areas with all required fittings and accessories complete in all respect or as directed by the Engineer				
	a) 4" dia	Rft.	10		

TRADING COORPORATION PAKISTAN
RENOVATION WORKS OF WASHROOMS & KITCHEN AT 4TH & 5TH FLOOR
BILL OF QUANTITIES (BOQ)

S No.	Description	UNIT	QTY	Rate	Amount (PKR)
B	PLUMBING WORKS				
	b) uPVC Multi Floor Trap (110x75mm) including strainer, supports; making required number of connections; breaking concrete or masonry work & then making it good; etc.	Each	12.00		
	TOTAL AMOUNT (PKR) PLUMBING WORKS				

PROPOSED CONSTRUCTION SCHEDULE

Pursuant to Sub-Clause 43.1 of the General Conditions of Contract, the Works shall be completed on or before the date stated in Appendix-A to Bid. The Bidder shall provide as Appendix-E to Bid, the Construction Schedule in the bar chart (CPM, PERT or any other to be specified herein) showing the sequence of work items and the period of time during which he proposes to complete each work item in such a manner that his proposed programme for completion of the whole of the Works and parts of the Works may meet Employer's completion targets in days noted below andcounted from the date of receipt of Engineer's Notice to Commence (Attach sheets as required for the specified form of Construction Schedule):

NOT APPLICABLE

Description		Time for Completion
a)	Whole Works	_____ days
b)	Civil Works	_____ days
c)	HVAC Works	_____ days

Appendix-F to Bid

METHOD OF PERFORMING THE WORK

[The Bidder is required to submit a narrative outlining the method of performing the Work. The narrative should indicate in detail and include but not be limited to:

1. Organization Chart indicating head office and field office personnel involved in management and supervision, engineering, equipment maintenance and purchasing.

2. Mobilization in Pakistan, the type of facilities including personnel accommodation, office accommodation, provision for maintenance and for storage, communications, security and other services to be used.

3. The method of executing the Works, the procedures for installation of equipment and machinery and transportation of equipment and materials to the site.]

Appendix-G to Bid

LIST OF MAJOR EQUIPMENT – RELATED ITEMS

[The Bidder will provide on Sheet 2 of this Appendix a list of all major equipment and related items, under separate heading for items owned, to be purchased or to be arranged on lease by him to carry out the Works. The information shall include make, type, capacity, and anticipated period of utilization for all equipment which shall be in sufficient detail to demonstrate fully that the equipment will meet all requirements of the Specifications.]

BG-2

Appendix-G to Bid

LIST OF MAJOR EQUIPMENT

Owned Purchased or Leased	Description of Unit (Make, Model, Year)	Capacity HP Rating	Condition	Present Location or Source	Date of Delivery at Site	Period of Work on Project
1	2	3	4	5	6	7
a. Owned						
b. To be Purchased						
c. To be arranged on Lease						

CONSTRUCTION CAMP AND HOUSING FACILITIES

The Contractor in accordance with Clause 34 of the Conditions of Contract shall provide description of his construction camp's facilities and staff housing requirements.

The Contractor shall be responsible for pumps, electrical power, water and electrical distribution systems, and sewerage system including all fittings, pipes and other items necessary for servicing the Contractor's construction camp.

The Bidder shall list or explain his plans for providing these facilities for the service of the Contract as follows:

1. Site Preparation (clearing, land preparation, etc.).

2. Provision of Services.

   a) Power (expected power load, etc.).
   b) Water (required amount and system proposed).
   c) Sanitation (sewage disposal system, etc.).

NOT APPLICABLE

3. Construction of Facilities

   a) Contractor's Office. Workshop and Work Areas (areas required and proposed layout, type of construction of buildings, etc.).
   b) Warehouses and Storage Areas (area required, type of construction and layout).
   c) Housing and Staff Facilities (Plans for housing for proposed staff, layout, type of construction, etc.).

4. Construction Equipment Assembly and Preparation (detailed plans for carrying out this activity).

5. Other Items Proposed (Security services, etc.).

LIST OF SUBCONTRACTORS

I/We intend to subcontract the following parts of the Work to subcontractors. In my/our opinion, the subcontractors named hereunder are reliable and competent to perform that part of the work for which each is listed.

Enclosed are documentation outlining experience of subcontractors, the curriculum vitae and experience of their key personnel who will be assigned to the Contract, equipment to be supplied by them, size, location and type of contracts carried out in the past.

Part of Works (Give Details)	Subcontractor (With Complete Address)
1	2
NOT APPLICABLE	

Appendix-J to Bid

ESTIMATED PROGRESS PAYMENTS

Bidder's estimate of the value of work which would be executed by him during each of the periods stated below, based on his Programme of the Works and the Rates in the Bill of Quantities, expressed in thousands of Pakistani Rupees:

Quarter/ Year/ Period	Amounts (Rs.)
1	2
1st Quarter	
2nd Quarter	
Bid Price	

NOT APPLICABLE

Appendix-K to Bid

ORGANIZATION CHART
FOR THE
SUPERVISORY STAFF AND LABOUR

BL-1
Appendix-L to Bid

(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 No._____ Dated _____
Contract Value: _____
Contract Title: _____

..... [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 (GoP) or any administrative subdivision or agency thereof or any other entity owned or controlled by 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, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or 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, representation or warranty.

[Name of Supplier] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights 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 time 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.

Name of Buyer:	Name of Seller/Supplier: .....
Signature:	Signature: .....
[Seal]	[Seal]

Appendix-M to Bid

FINANCIAL COMPETENCE

Average Annual Turnover

Criteria	Bidders' to List their certified yearly turnover for last 3 years
Minimum Average Annual Turnover of Pak Rupees 50 Million Calculated as total certified payments received for contracts in progress or completed, within last 3 years. (Audit Reports, prepared by registered Auditor, must be provided of last three years and a copy of last submitted Tax Return).	

Appendix-N to Bid

PAST PERFORMANCE, CURRENT COMMITMENT, QUALIFICATION AND EXPERIENCE

1. Contracts of Similar Size and Nature

Requirement	Bidder to Provide details	Role
Participation as contractor, management contractor, in at least 5 Contracts within last 8 years, each with the value of at least Rs 20 Million that has been successfully or is substantially completed or are In Hand / On-going and that are similar to the proposed works. The similarity shall be based on physical size, complexity, method, technology or other characteristics as indicated in these Bidding Documents. (Letter of Award & Completion Certificates duly and recently verified by contract awarding authority must be provided).		

2. Personnel

a. **Project Manager (1 No.)**
Minimum B.E. (Civil) having minimum 10 years' working experience in building construction projects.

b. **Site Engineer (1 No.)**
Minimum B.Arch. having minimum 5 years' working experience in building construction projects.

c. **Site Supervisors (1 No.)**
Minimum DAE (Civil) having minimum 5 years' working experience in building construction projects.

d. **Site Supervisors (1 No.)**
Minimum DAE (Electrical/Mechanical) having minimum 8 years' working experience in building construction projects.

Note: Evidence(s) shall be provided in the form of copy of updated CV and Registration License etc.

FORMS

PERFORMANCE SECURITY
CONTRACT AGREEMENT
MOBILIZATION ADVANCE GUARANTEE/BOND



FORM OF PERFORMANCE SECURITY
(Bank Guarantee)

Guarantee No._____
Executed on _____
Expiry date _____

[Letter by the Guarantor to the Employer]

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

Name of Principal (Contractor) with address: _____

_____

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

_____

Letter of Acceptance No. _____Dated _____

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

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

_____ (Name of Project).

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

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

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

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

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

_____
Guarantor (Bank)

Witness:

1. _____

_____
Corporate Secretary (Seal)

2. _____

_____
Name, Title & Address

Signature _____

Name _____

Title _____

_____
Corporate Guarantor (Seal)

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the _____ day of_____(month) 2023 between _____ (hereafter called the "Employer") of the one part and _____ (hereafter called the "Contractor") of the other part.

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

NOW this Agreement witnesseth as follows:

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

2. The following documents after incorporating addenda, if any, except those parts relating to Instructions to Bidders shall be deemed to form and be read and construed as part of this Agreement, viz:

   (a) The Contract Agreement;
   (b) The Letter of Acceptance;
   (c) The completed Form of Bid;
   (d) Special Stipulations (Appendix-A to Bid);
   (e) The Particular Conditions of Contract – Part II;
   (f) The General Conditions – Part I;
   (g) The priced Bill of Quantities (Appendix-D to Bid);
   (h) The completed Appendices to Bid (B, C, E to L);
   (i) The Drawings;
   (j) The Specifications.
   (k) _____ (any other)

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

4. The Employer hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.



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

Signature of the Contactor	Signature of Employer
(Seal)	(Seal)
Signed, Scaled and Delivered in the presence of:	
Witness:	Witness:
(Name, Title and Address)	(Name, Title and Address)



MG-1

MOBILIZATION ADVANCE GUARANTEE/BOND

Guarantee No._____ Date _____

WHEREAS _____ (hereinafter called the 'Employer') has entered into a Contract for _____
(Particulars of Contract)
with _____ (hereinafter called the "Contractor').

AND WHEREAS, the Employer 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 the Contract.

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

AND WHEREAS, _____
(Scheduled Bank in Pakistan or Insurance Company acceptable to the Employer)
(hereinafter called the "Guarantor") at the request of the Contractor and in consideration of theEmployer agreeing to make the above advance to the Contractor, has agreed to furnish the said Guarantee.

NOT APPLICABLE

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 fulfilment of any of his obligations for which the advance payment is made, the Guarantor shall be liable to the Employer for payment not exceeding the aforementioned amount.

Notice in writing of any default, of which the Employer shall be the sole and final judge, on the part of the Contractor, shall be given by the Employer to the Guarantor, and on such first written demand, payment shall be made by the Guarantor of all sums then due under this Guarantee 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 Certificates of the Contractor or until _____whichever is earlier.
(Date)
The Guarantor's liability under this Guarantee shall not in any case exceed the sum of Rupees _____ (Rs _____).

This Guarantee 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 Certificates 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.

GUARANTOR

1. Signature _____
2. Name _____
3. Title _____

WITNESS

NOT APPLICABLE

1. _____

_____
Corporate Secretary (Seal)

2. _____ _____
(Name Title & Address) CorporateGuarantor (Seal)

[Notes on the Conditions of Contract]

The Conditions of Contract comprise two parts:

(a) **Part I - General Conditions of Contract**
(b) **Part II - Particular Conditions of Contract**

Over the years, a number of "model" General Conditions of Contract have evolved. The one used in these Standard Bidding Documents was prepared by the International Federation of Consulting Engineers (Federation International des Ingenieurs-Conseils, or FIDIC), and is commonly known as the FIDIC Conditions of Contract. (The used version is the fourth edition, 1987, reprinted in 1992 with further amendments).

The FIDIC Conditions of Contract have been prepared for an ad measurement (unit price or unit rate) type of contract, and cannot be used without major modifications for other types of contract, such as lump sum, turnkey, or target cost contracts.

The standard text of the General Conditions of Contract chosen must be retained intact to facilitate its reading and interpretation by bidders and its review by the Client. Any amendments and additions to the General Conditions, specific to the contract in hand, should be introduced in the Particular Conditions of Contract.

The use of standard conditions of contract for all civil Works will ensure comprehensiveness of coverage, better balance of rights or obligations between Employer and Contractor, general acceptability of its provisions, and savings in time and cost for bid preparation and review, leading to more economic prices.

The FIDIC Conditions of Contract are copyrighted and may not be copied, faxed, or reproduced.

The FIDIC Conditions of Contract can be referred to in the bidding documents, and the bidders are advised to obtain copies directly from FIDIC.

The **"CONDITIONS OF CONTRACT FOR WORKS OF CIVIL ENGINEERING CONSTRUCTION"**section has been removed as FIDIC doesn't allow it to be copied.
Copies of the FIDIC Conditions of Contract can be obtained from:

FIDIC Secretariat
P.O. Box 86
1000 Lausanne 12
Switzerland
e-mail: fidic.pub@fidic.org – FIDIC.org/bookshop]

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PART II - PARTICULAR CONDITIONS OF CONTRACT
(Mandatory Provisions not to be Amended / Substituted except as instructed by PEC)

1.1 Definitions

(a) (i) The Employer is:

General Manager (Real Estate Business Development)
Trading Corporation of Pakistan (Pvt.) Limited
4th & 5th Floor, Block-B, FTC Building, Shahrah-e-Faisal, Karachi.

(a) (iv) The Engineer is:

The following paragraph is added:

(a)(vi) "Bidder or Tenderer" means any person or persons, company, corporation, firm or joint venture submitting a Bid or Tender.

(b)(v) The following is added at the end of the paragraph:

The word "Tender" is synonymous with "Bid" and the word "Tender Documents" with "Bidding Documents".

The following paragraph is added:

(b)(ix) "Programme" means the programme to be submitted by the Contractor in accordance with Sub-Clause 14.1 and any approved revisions thereto.

(e)(i) The text is deleted and substituted with the following:

"Contract Price" means the sum stated in the Letter of Acceptance as payable to the Contractor for the execution and completion of the Works subject to such additions thereto or deductions there from as may be made and remedying of any defects therein in accordance with the provisions of the Contract.

2.1 Engineer's Duties and Authority

With reference to Sub-Clause 2.1(b), the following provisions shall also apply;

The Engineer shall obtain the specific approval of the Employer before carrying out his duties in accordance with the following Clauses:

(i) Consenting to the sub-letting of any part of the Works under Sub-Clause 4.1 "Subcontracting".

(ii) Certifying additional cost determined under Sub-Clause 12.2 "Not Foreseeable Physical Obstructions or Conditions".



(iii) Any action under Clause 10 "Performance Security" and Clauses 21,23,24 & 25 "Insurance" of sorts.

(iv) Any action under Clause 40 "Suspension".

(v) Any action under Clause 44 "Extension of Time for Completion".

(vi) Any action under Clause 47 "Liquidated Damages for Delay" or Payment of Bonus for Early Completion of Works (PCC Sub-Clause 47.3).

(vii) Issuance of "Taking Over Certificate" under Clause 48.

(viii) Issuing a Variation Order under Clause 51, except:

a) in an emergency* situation, as stated here below, or

b) if such variation would increase the Contract Price by less than the amount stated in the Appendix-A to Bid.

(ix) Fixing rates or prices under Clause 52.

(x) Extra payment as a result of Contractor's claims under Clause 53.

(xi) Release of Retention Money to the Contractor under Sub-Clause 60.3 "Payment of Retention Money".

(xii) Issuance of "Final Payment Certificate" under Sub-Clause 60.8.

(xiii) Issuance of "Defect Liability Certificate" under Sub-Clause 62.1.

(xiv) Any change in the ratios of Contract currency proportions and payments thereof under Clause 72 "Currency and Rate of Exchange".

* (If in the opinion of the Engineer an emergency occurs affecting the safety of life or of the Works or of adjoining property, the Engineer may, without relieving the Contractor of any of his duties and responsibilities under the Contract, instruct the Contractor to execute all such work or to do all such things as may, in the opinion of the Engineer, be necessary to abate or reduce the risk. The Contractor shall forthwith comply with any such instruction of the Engineer. The Engineer shall determine an addition to the Contract Price, in respect of such instruction, in accordance with Clause 52 and shall notify the Contractor accordingly, with a copy to the Employer.)

2.2 **Engineer's Representative**

The following paragraph is added:

The Employer shall ensure that the Engineer's Representative is a professional engineer as defined in the Pakistan Engineering Council Act 1975 (V of 1976)



The following Sub-Clauses 2.7 and 2.8 are added:

2.7 **Engineer Not Liable**

Approval, reviews and inspection by the Engineer of any part of the Works does not relieve the Contractor from his sole responsibility and liability for the supply of materials, plant and equipment for construction of the Works and their parts in accordance with the Contract and neither the Engineer's authority to act nor any decision made by him in good faith as provided for under the Contract whether to exercise or not to exercise such authority shall give rise to any duty or responsibility of the Engineer to the Contractor, any Subcontractor, any of their representatives or employees or any other person performing any portion of the Works.

2.8 **Replacement of the Engineer**

"If the Employer intends to replace the Engineer, the Employer shall, not less than 14 days before the intended date of replacement, give notice to the Contractor, of the name, address and relevant experience of the intended replacement Engineer. The Employer shall not replace the Engineer with a person against whom the Contractor raises reasonable objection by notice to the Employer, with supporting particulars."

5.1 **Language(s) and Law**

(a) The Contract Documents, shall be drawn up in the English language.
(b) The Contract shall be subject to the Laws of Islamic Republic of Pakistan.

5.2 **Priority of Contract Documents**

The documents listed at (1) to (6) of the Sub-Clause are deleted and substituted with the following:

(1) The Contract Agreement (if completed);
(2) The Letter of Acceptance;
(3) The completed Form of Bid;
(4) Special Stipulations (Appendix-A to Bid);
(5) The Particular Conditions of Contract – Part II;
(6) The General Conditions – Part I;
(7) The priced Bill of Quantities (Appendix-D to Bid);
(8) The completed Appendices to Bid (B, C, E to L);
(9) The Drawings;
(10) The Specifications; and
(11) _____ (any other).

In case of discrepancies between drawings, those of larger scale shall govern unless they are superseded by a drawing of later date regardless of scale. All Drawings and Specifications shall be interpreted in conformity with the Contract and these Conditions. Addendum, if any, shall be deemed to have been incorporated at the appropriate places in the documents forming the Contract.

The following Sub-Clauses 6.6 and 6.7 are added:

6.6 **Shop Drawings**

The Contractor shall submit to the Engineer for review 3 copies of all shop and erection drawings applicable to this Contract as per provision of relevant Sub-Clause of the Contract.

Review and approval by the Engineer shall not be construed as a complete check but will indicate only that the general method of construction and detailing is satisfactory and that the Engineer's review or approval shall not relieve the Contractor of any of his responsibilities under the Contract.

6.7 **As-Built Drawings**

At the completion of the Works under the Contract, the Contractor shall furnish to the Engineer 6 copies and one reproducible of all drawings amended to conform with the Works as built. The price of such Drawings shall be deemed to be included in the Contract Price.

10.1 **Performance Security**

The text is deleted and substituted with the following:

The Contractor shall provide Performance Security to the Employer in the prescribed form. The said Security shall be furnished or caused to be furnished by the Contractor within 28 days after the receipt of the Letter of Acceptance. The Performance Security shall be of an amount equal to 10% of the Contract Price stated in the Letter of Acceptance. Such Security shall, at the option of the bidder, be in the form of either (a) bank guarantee from any Scheduled Bank in Pakistan.

The cost of complying with requirements of this Sub-Clause shall be borne by the Contractor.

The following Sub-Clause10.4 is added:

10.4 **Performance Security Binding on Variations and Changes**

The Performance Security shall be binding irrespective of changes in the quantities or variations in the Works or extensions in Time for Completion of the Works which are granted or agreed upon under the provisions of the Contract.

14.1 **Programme to be Submitted**

The programme shall be submitted within 42 days from the date of receipt of Letter of Acceptance, which shall be in the form of:

i) Bar Chart identifying the critical activities.

14.3 **Cash Flow Estimate to be Submitted**

The detailed Cash Flow Estimate shall be submitted within 21 days from the date of receipt of Letter of Acceptance

The following Sub-Clause 14.5 is added:

14.5 **Detailed Programme and Monthly Progress Report**

a) For purposes of Sub-Clause 14.1, the Contractor shall submit to the Engineer detailed programme for the following:

(1) Execution of Works;
(2) Labour Employment;
(3) Local Material Procurement;
(4) Material Imports, if any; and
(5) Other details as required by the Engineer.

(b) During the period of the Contract, the Contractor shall submit to the Engineer not later than the 8th day of the following month, 10 copies each of Monthly Progress Reports covering:

(1) A Construction Schedule indicating the monthly progress in percentage;
(2) Description of all work carried out since the last report;
(3) Description of the work planned for the next 56 days sufficiently detailed to enable the Engineer to determine his programme of inspection and testing;
(4) Monthly summary of daily job record;
(5) Photographs to illustrate progress; and
(6) Information about problems and difficulties encountered, if any, and proposals to overcome the same.

(c) During the period of the Contract, the Contractor shall keep a daily record of the work progress, which shall be made available to the Engineer as and when requested. The daily record shall include particulars of weather conditions, number of men working, deliveries of materials, quantity, location and assignment of Contractor's equipment.

The following Sub-Clauses 15.2 and 15.3 are added:

15.2 **Language Ability of Contractor's Representative**

The Contractor's authorized representative shall be fluent in the English language. Alternately an interpreter with ability of English language shall be provided by the Contractor on full time basis.

15.3 **Contractor's Representative**

The Contractor's authorised representative and his other professional engineers working at Site shall register themselves with the Pakistan Engineering Council.

The Contractor's authorised representative at Site shall be authorised to exercise



adequate administrative and financial powers on behalf of the Contractor so as to achieve completion of the Works as per the Contract.

The following Sub-Clauses 16.3 and 16.4 are added:

16.3 Language Ability of Superintending Staff of Contractor

A reasonable proportion of the Contractor's superintending staff shall have a working knowledge of the English language. If the Contractor's superintending staff are not fluent in English language, the Contractor shall make competent interpreters available during all working hours in a number deemed sufficient by the Engineer.

16.4 Employment of Local Personnel

The Contractor is encouraged, to the extent practicable and reasonable, to employ staff and labour from sources within Pakistan.

The following Sub-Clauses 19.3 and 19.4 are added:

19.3 Safety Precautions

In order to provide for the safety, healthand welfare of persons, and for prevention of damage of any kind, all operations for the purposes of or in connection with the Contract shall be carried out in compliance with the Safety Requirements of the Government of Pakistan with such modifications thereto as the Engineer may authorise or direct and the Contractor shall take or cause to be taken such further measures and comply with such further requirements as the Engineer may determine to be reasonably necessary for such purpose.

The Contractor shall make, maintain and submit reports to the Engineer concerning safety, health and welfare of persons and damage to property, as the Engineer may from time to time prescribe.

19.4 Lighting Work at Night

In the event of work being carried out at night, the Contractor shall at his own cost, provide and maintain such good and sufficient light as will enable the work to proceed satisfactorily and without danger. The approaches to the Site and the Works where the night-work is being carried out shall be sufficiently lighted. All arrangement adopted for such lighting shall be to the satisfaction of the Engineer's Representative.

20.4 Employer's Risks

The Employer's risks are:

Delete the text and substitute with the following:

(a) insofar as they directly affect the execution of the Works in Pakistan:

(i) war and hostilities (whether war be declared or not), invasion, act of foreign enemies,



(ii) rebellion, revolution, insurrection, or military or usurped power, or civil war,
(iii) ionizing radiations, or contamination by radioactivity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radioactive toxic explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof,
(iv) pressure waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds,
(v) riot, commotion or disorder, unless solely restricted to the employees of the Contractor or of his Subcontractors and arising from the conduct of the Works;

(b) loss or damage due to the use or occupation by the Employer of any Section or part of the Permanent Works, except as may be provided for in the Contract;

(c) loss or damage to the extent that it is due to the design of the Works, other than any part of the design provided by the Contractor or for which the Contractor is responsible; and

(d) any operation of the forces of nature (insofar as it occurs on the Site) which an experienced contractor:

(i) could not have reasonably foreseen, or
(ii) could reasonably have foreseen, but against which he could not reasonably have taken at least one of the following measures:
(a) prevent loss or damage to physical property from occurring by taking appropriate measures, or
(b) insure against.

21.4 Exclusions

The text is deleted and substituted with the following:
There shall be no obligation for the insurances in Sub-Clause 21.1 to include loss or damage caused by the risks listed under Sub-Clause 20.4 paras (a) (i) to (iv).

The following Sub-Clause 25.5 is added:

25.5 Insurance Company

The Contractor shall be obliged to place all insurances relating to the Contract (including, but not limited to, the insurances referred to in Clauses 21, 23 and 24) with either National Insurance Company of Pakistan or any other insurance company operating in Pakistan and acceptable to the Employer.

Costs of such insurances shall be borne by the Contractor.
The following Sub-Clause 31.3 is added:

31.3 Co-operation with other Contractors

During the execution of the Works, the Contractor shall co-operate fully with other contractors working for the Employer at and in the vicinity of the Site and also shall provide adequate precautionary facilities not to make himself a nuisance to local residents and other contractors.
The following Sub-Clauses 34.2 to 34.12 are added:



34.2 Rates of Wages and Conditions of Labour

The Contractor shall pay rates of wages and observe conditions of labour not less favourable than those established for the trade or industry where the work is carried out. In the absence of any rates of wages or conditions of labour so established, the Contractor shall pay rates of wages and observe conditions of labour which are not less favourable than the general level of wages and conditions observed by other employers whose general circumstances in the trade or in industry in which the Contractor is engaged are similar.

34.3 Employment of Persons in the Service of Others

The Contractor shall not recruit his staff and labour from amongst the persons in the services of the Employer or the Engineer; except with the prior written consent of the Employer or the Engineer, as the case may be.

34.4 Housing for Labour

Save insofar as the Contract otherwise provides, the Contractor shall provide and maintain such housing accommodation and amenities as he may consider necessary for all his supervisory staff and labour, employed for the purposes of or in connection with the Contract including all fencing, electricity supply, sanitation, cookhouses, fire prevention, water supply and other requirements in connection with such housing accommodation or amenities. On completion of the Contract, these facilities shall be handed over to the Employer or if the Employer so desires, the temporary camps or housing provided by the Contractor shall be removed and the Site reinstated to its original condition, all to the approval of the Engineer.

34.5 Health and Safety

Due precautions shall be taken by the Contractor, and at his own cost, to ensure the safety of his staff and labour at all times throughout the period of the Contract. The Contractor shall further ensure that suitable arrangements are made for the prevention of epidemics and for all necessary welfare and hygiene requirements.

34.6 Epidemics

In the event of any outbreak of illness of an epidemic nature, the Contractor shall comply with and carry out such regulations, orders and requirements as may be made by the Government, or the local medical or sanitary authorities, for purpose of dealing with and overcoming the same.

34.7 Supply of Water

The Contractor shall, so far as is reasonably practicable, having regard to local conditions, provide on the Site, to the satisfaction of the Engineer or his representative, adequate supply of drinking and other water for the use of his staff and labour.

34.8 **Alcoholic Liquor or Drugs**

The Contractor shall not, otherwise than in accordance with the Statutes, Ordinances and Government Regulations or Orders for the time being in force, import, sell, give, barter or otherwise dispose of any alcoholic liquor or drugs, or permit or suffer any such importation, sale, gift, barter or disposal by his Subcontractors, agents, staff or labour.

34.9 **Arms and Ammunition**

The Contractor shall not give, or otherwise dispose of to any person or persons, any arms or ammunition of any kind or permit or suffer the same as aforesaid.

34.10 **Festivals and Religious Customs**

The Contractor shall in all dealings with his staff and labour have due regard to all recognised festivals, days of rest and religious and other customs.

34.11 **Disorderly Conduct**

The Contractor shall at all times take all reasonable precautions to prevent any unlawful, riotous or disorderly conduct by or amongst staff and labour and for the preservation of peace and protection of persons and property in the neighbourhood of the Works against the same.

34.12 **Compliance by Subcontractors**

The Contractor shall be responsible for compliance by his Subcontractors of the provisions of this Clause.

The following Sub-Clauses 35.2 and 35.3 are added:

35.2 **Records of Safety and Health**

The Contractor shall maintain such records and make such reports concerning safety, health and welfare of persons and damage to property as the Engineer may from time to time prescribe.

35.3 **Reporting of Accidents**

The Contractor shall report to the Engineer details of any accident as soon as possible after its occurrence. In the case of any fatality or serious accident, the Contractor shall, in addition, notify the Engineer immediately by the quickest available means.

The following Sub-Clause 36.6 is added:

36.6 **Use of Pakistani Materials and Services**

The Contractor shall, so far as may be consistent with the Contract, make the maximum use of materials, supplies, plant and equipment indigenous to or produced



or fabricated in Pakistan and services, available in Pakistan provided such materials, supplies, plant, equipment and services shall be of required standard.

41.1 Commencement of Works

The text is deleted and substituted with the following:

The Contractor shall commence the Works on Site within the period named in Appendix-A to Bid from the date of receipt by him from the Engineer of a written Notice to Commence. Thereafter, the Contractor shall proceed with the Works with due expedition and without delay.

48.2 Taking Over of Sections or Parts

For the purposes of para (a) of this Sub-Clause, separate Times for Completion shall be provided in the Appendix-A to Bid "Special Stipulations".

51.2 Instructions for Variations

At the end of the first sentence, after the word "Engineer", the words "in writing"are added.

52.1 Valuation of Variations

In the tenth line, after the words "Engineer shall" the following is added:
within a period not exceeding one-eighth of the completion time subject to a minimum of 56 days from the date of disagreement whichever is later.

53.4 Failure to Comply

This Sub-Clause is deleted in its entirety.

54.3 Customs Clearance

This Sub-Clause is deleted in its entirety.

54.5 Conditions of Hire of Contractor's Equipment

The following paragraph is added:

The Contractor shall, upon request by the Engineer at any time in relation to any item of hired Contractor's Equipment, forthwith notify the Engineer in writing the name and address of the Owner of the equipment and shall certify that the agreement for the hire thereof contains a provision in accordance with the requirements set forth above.

The following Sub-Clauses59.4 & 59.5 are added:

59.4 Payments to Nominated Subcontractors

The Contractor shall pay to the nominated Subcontractor the amounts which the Engineer certifies to be due in accordance with the subcontract. These amounts plus other charges shall be included in the Contract Price in accordance with Clause 58 [Provisional Sums], except as stated in Sub-Clause 59.5 [Certification of Payments].



59.5 Certification of Payments & Nominated Subcontractors

Before issuing a Payment Certificate which includes an amount payable to a nominated Subcontractor, the Engineer may request the Contractor to supply reasonable evidence that the nominated Subcontractor has received all amounts due in accordance with previous Payment Certificates, less applicable deductions for retention or otherwise. Unless the Contractor:

a) submits reasonable evidence to the Engineer, or
b) i) satisfies the Engineer in writing that the Contractor is reasonably entitled to withhold or refuse to pay these amounts, and
ii) submits to the Engineer reasonable evidence that the nominated Subcontractor has been notified of the Contractor's entitlement,

then the Employer may (at his sole discretion) pay direct to the nominated Subcontractor, part or all of such amounts previously certified (less applicable deductions) as are due to the nominated Subcontractor and for which the Contractor has failed to submit the evidence described in sub-paragraphs (a) or (b) above. The Contractor shall then repay, to the Employer, the amount which the nominated Subcontractor was directly paid by the Employer.

60.1 Monthly Statements

In the first line after the word "shall", the following is added:

"on the basis of the joint measurement of work done under Clause 56.1,"

In Para (c) the words "the Appendix to Tender" are deleted and substituted with the words "Sub-Cause 60.11 (a)(6) hereof".
(in case Clause 60.11 is applicable)

60.2 Monthly Payments

In the first line, "28" is substituted by "14".

60.10 Time for Payment

The text is deleted and substituted with the following:

The amount due to the Contractor under any Interim Payment Certificate issued by the Engineer pursuant to this Clause, or to any other terms of the Contract, shall , subject to Clause 47, be paid by the Employer to the Contractor within 30 days after such Interim Payment Certificate has been jointly verified by Employer and Contractor, or, in the case of the Final Certificate referred to in Sub Clause 60.8, within 60 days after such Final Payment Certificate has been jointly verified by Employer and Contractor; Provided that the Interim Payment shall be caused in 42 days and Final Payment in 60 days in case of foreign funded project. The provisions of this Sub-Clause are without prejudice to the Contractor's entitlement under Clause 69.



63.1 Default of Contractor

The following para is added at the end of the Sub-Clause:

Provided further that in addition to the action taken by the Employer against the Contractor under this Clause, the Employer may also refer the case of default of the Contractor to Pakistan Engineering Council for punitive action under the Construction and Operation of Engineering Works Bye-Laws 1987, as amended from time to time.

65.2 Special Risks

The text is deleted and substituted with the following:
The Special Risks are the risks defined under Sub-Clause 20.4 sub paragraphs (a) (i) to (a) (v).

67. 3 Arbitration

In the sixth to eight lines, the words "shall be finally settled ..... appointed under such Rules" are deleted and substituted with the following:

shall be finally settled under the provisions of the Arbitration Act, 1940 as amended or any statutory modification or re-enactment thereof for the time being in force.

The following paragraph is added:
The place of arbitration shall be Karachi, Pakistan.

68.1 Notice to Contractor

The following paragraph is added:

For the purposes of this Sub-Clause, the Contractor shall, immediately after receipt of Letter of Acceptance, intimate in writing to the Employer and the Engineer by registered post, the address of his principal place of business or any change in such address during the period of the Contract.

68.2 Notice to Employer and Engineer

For the purposes of this Sub-Clause, the respective addresses are:

a) The Employer:

General Manager (Real Estate Business Development)
Trading Corporation of Pakistan (Pvt.) Limited
4th Floor, Block-B, FTC Building, Shahrah-e-Faisal, Karachi.

b) The Engineer:

70.1 **Increase or Decrease of Cost**

Sub-Clause 70.1 is deleted in its entirety.

The following Sub-Clauses 73.1, 73.2, 74.1, 75.1, 76.1, 77.1and 78.1 are added:

73.1 **Payment of Income Tax**

The Contractor, Subcontractors and their employees shall be responsible for payment of all their income tax, super tax and other taxes on income arising out of the Contract and the rates and prices stated in the Contract shall be deemed to cover all such taxes.

73.2 **Customs Duty & Taxes**

Not Applicable.

74.1 **Integrity Pact**

If the Contractor or any of his Subcontractors, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Contractor as Appendix-L to his Bid, then the Employer shall be entitled to:

(a) recover from the Contractor an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by the Contractor or any of his Subcontractors, agents or servants;

(b) terminate the Contract; and

(c) recover from the Contractor any loss or damage to the Employer as a result of such termination or of any other corrupt business practices of the Contractor or any of his Subcontractors, agents or servants.

The termination under Sub-Para (b) of this Sub-Clause shall proceed in the manner prescribed under Sub-Clauses 63.1 to 63.4 and the payment under Sub-Clause 63.3 shall be made after having deducted the amounts due to the Employer under Sub-Para (a) and (c) of this Sub-Clause.

75.1 **Termination of Contract for Employer's Convenience**

The Employer shall be entitled to terminate the Contract at any time for the Employer's convenience after giving 56 days prior notice to the Contractor, with a copy to the Engineer. In the event of such termination, the Contractor:

(a) shall proceed as provided in Sub-Clause 65.7 hereof; and

(b) shall be paid by the Employer as provided in Sub-Clause 65.8 hereof.



76.1 **Liability of Contractor**

The Contractor or his Subcontractors or assigns shall follow strictly, all relevant labour laws including the Workmen's Compensation Act and the Employer shall be fully indemnified for all claims, damages etc. arising out of any dispute between the Contractor, his Subcontractors or assigns and the labour employed by them.

77.1 **Joint and Several Liability**

If the Contractor is a joint venture of two or more persons, all such persons shall be jointly and severally bound to the Employer for the fulfilment of the terms of the Contract and shall designate one of such persons to act as leader with authority to bind the joint venture. The composition or the constitution of the joint venture shall not be altered without the prior consent of the Employer.

78.1 **Details to be Confidential**

The Contractor shall treat the details of the Contract as private and confidential, save in so far as may be necessary for the purposes thereof, and shall not publish or disclose the same or any particulars thereof in any trade or technical paper or elsewhere without the prior consent in writing of the Employer or the Engineer. If any dispute arises as to the necessity of any publication or disclosure for the purpose of the Contract, the same shall be referred to the decision of the Engineer whose award shall be final.

PART II –PARTICULAR CONDITIONS OF CONTRACT

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DRAWING - Annex-B

TRADING CORPORATION OF PAKISTAN (PVT) LTD. - TCP

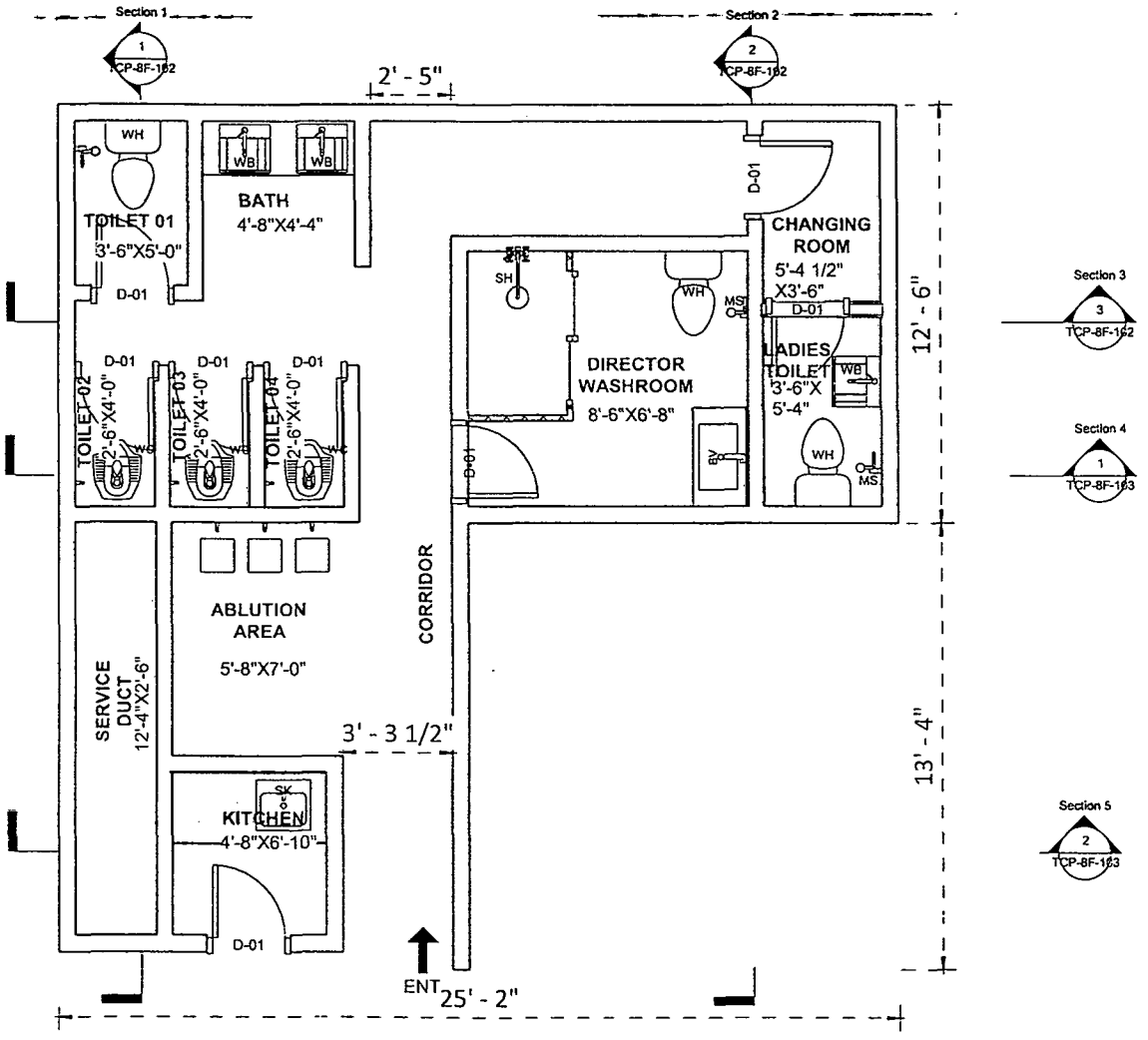
Trading Corporation of Pakistan
(Pvt) Ltd. - TCP

REPAIR & RENOVATION WORK OF KITCHENS & TOILETS AT 4TH & 5TH FLOOR BLOCK B FTC-KARACHI

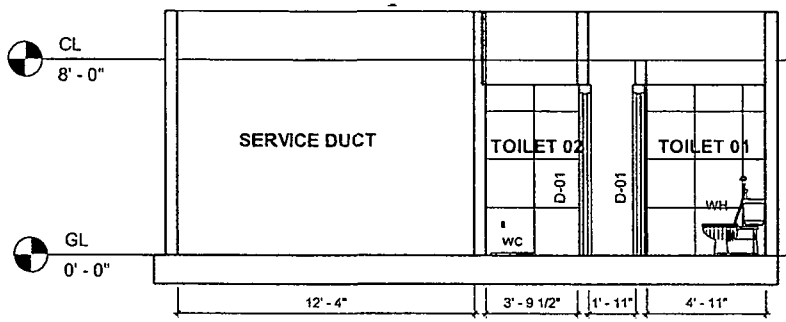
TENDER DRAWINGS

ARCHITECTURAL DRAWINGS

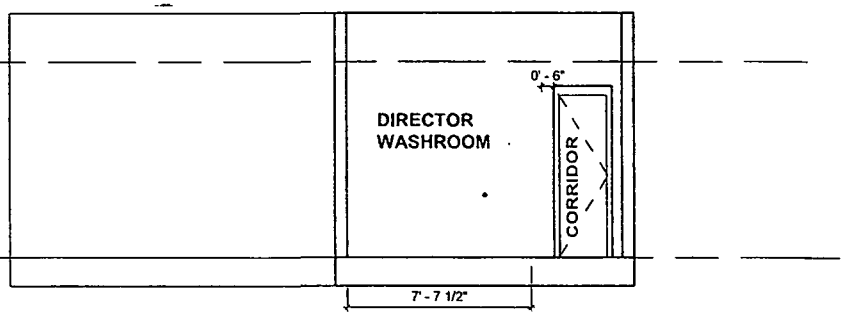
Project Managers
LOGIX Consultants
Advisors



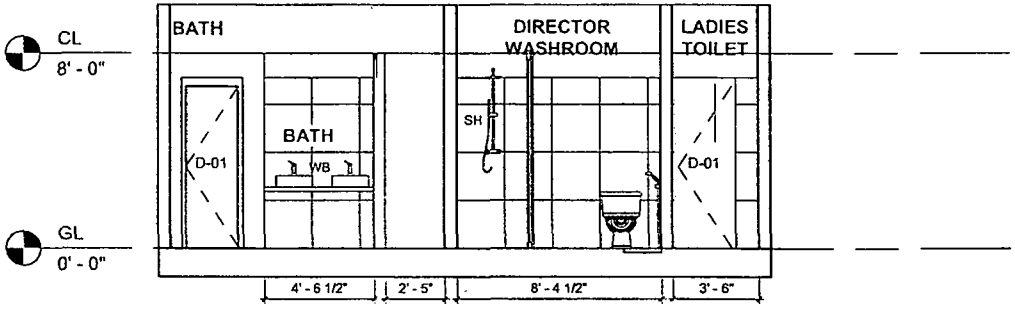
CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP	CONSULTANT: LOGIX Project Managers Consultants Architects	PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 6TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI	REV. / DESCRIPTION / DATE	PROPOSED PLAN	
		TITLE: 4th & 5th FLOOR TOILET	ORG. NAME: Proposed Plan	CHECKED BY: AHSAN MUGHAL	DRAWN BY: MAHRUKH RAEES
				ORG. No: TCP-8F-101	DATE: APR-2023 / REV:



1 Section 1
1 : 55

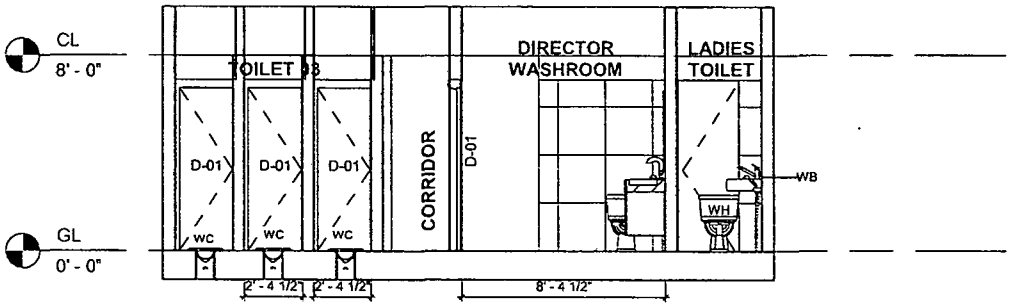


2 Section 2
1 : 55



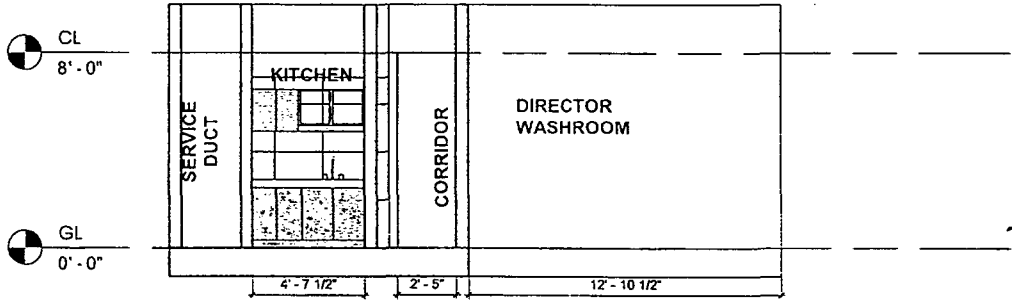
3 Section 3
1 : 55

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP	CONSULTANT: LOGIX	PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI	REV. / DESCRIPTION / DATE	PROPOSED PLAN	
		TITLE: 4th & 5th FLOOR TOILET	DRG. NAME: Section 1,2 & 3	CHECKED BY: AHSAN MUGHAL	DRAWN BY: MAHRUKH RAEES
				DRG. No: TCP-8F-102	DATE: APR-2023 / REV:



1 Section 4

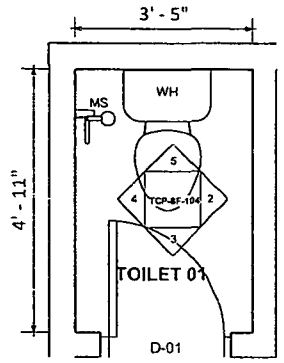
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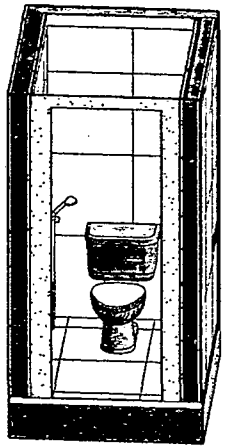
2 Section 5

1 : 55

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP	CONSULTANT: LOGIX	PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL , KARACHI	REV. / DESCRIPTION / DATE	PROPOSED PLAN	
		TITLE: 4th & 5th FLOOR TOILET	DRG. NAME: Section 4 & 5	CHECKED BY: AHSAN MUGHAL	DRAWN BY: MAHRUKH RAEES
				ORG. No: TCP-4F-103	DATE: APR-2023 / REV:



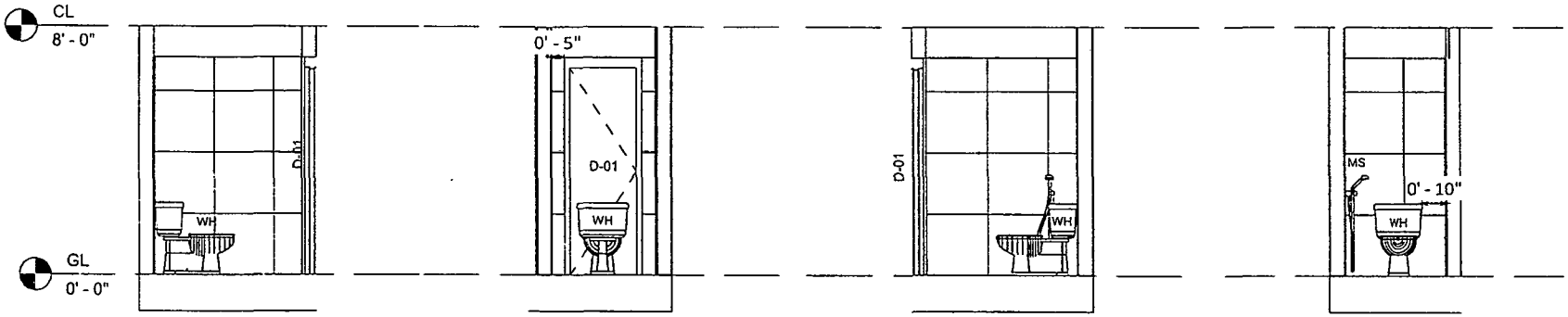
1 Toilet
1 : 25



6 Toilet-3D View

Toilet 01-Details			
Name	Area	Count	Dimension
TOILET 01	16 SF		
D-01		1	2' - 6" x7' - 0"

Toilet-Plumbing Fixture		
Type	Description	Count
MS	Muslim Shower	1
WH	Western Commode	1



2 Toilet View 01
1 : 40

3 Toilet View 02
1 : 40

4 Toilet View 03
1 : 40

5 Toilet View 04
1 : 40

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT: LOGIX

PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A"-FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: 4th & 5th FLOOR TOILET

ORG. NAME: Toilet

REV.	DESCRIPTION	DATE

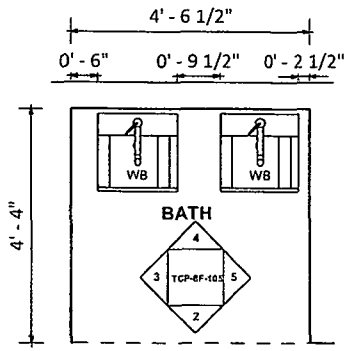
PROPOSED PLAN

CHECKED BY: AHSAN MUGHAL | DRAWN BY: MAHRUKH RAEES

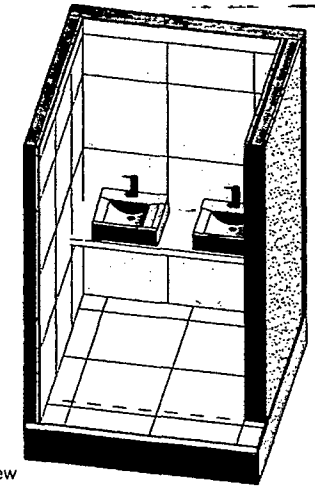
ORG. No: TCP-8F-104 | DATE: APR-2023 | REV:

Bath-Details	
Name	Area
BATH	19 SF

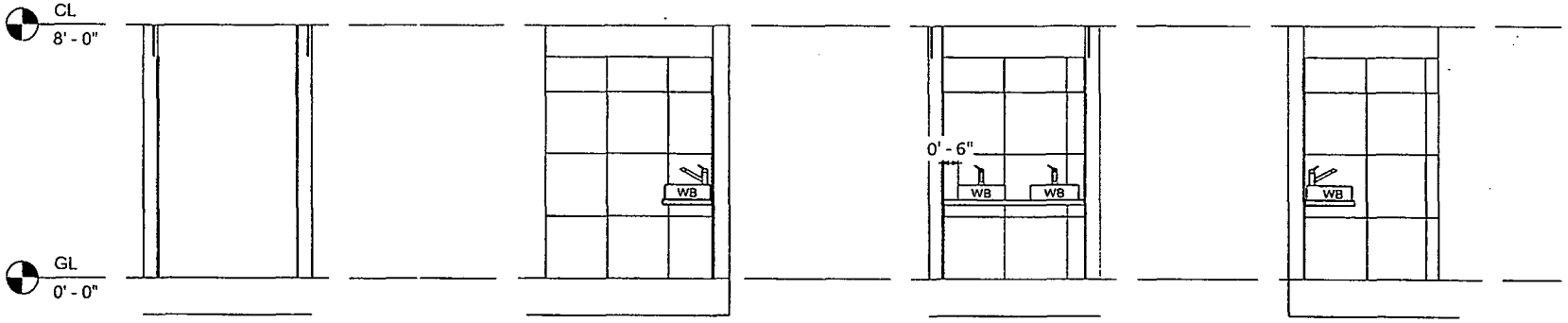
Bath-Plumbing Fixture		
Type	Description	Count
WB	Wash Basen	2



1 Bath
1 : 25



6 Bath-3D View



2 Bath View 01
1 : 40

3 Bath View 02
1 : 40

4 Bath View 03
1 : 40

5 Bath View 04
1 : 40

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd.-TCP

CONSULTANT: LOGIX Project Management Consultants & Services

PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B". FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: 4th & 5th FLOOR TOILET

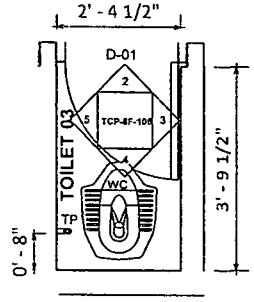
DRG. NAME: Bath

REV.	DESCRIPTION	DATE

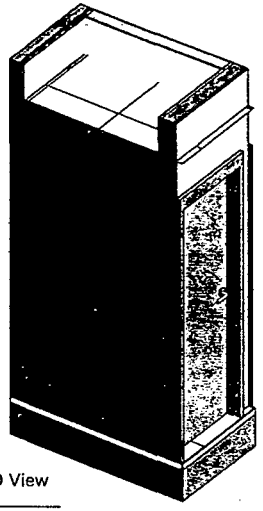
PROPOSED PLAN

CHECKED BY: AHSAN MUGHAL | DRAWN BY: MAHRUKH RAEES

DRG. No: TCP-EF-105 | DATE: APR-2023 | REV:



1 Toilet 03
1 : 25

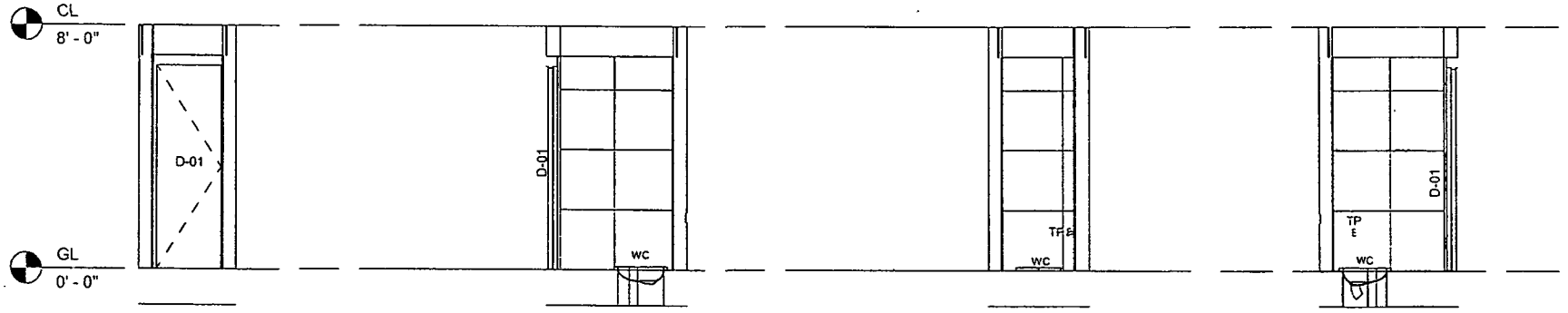


6 Toilet 03-3D View

Toilet 03-Details			
Name	**Area**	**Description**	**Count**
TOILET 03	9 SF		
TP	-	Water Tap	1

Type	Description	Count
WC	Squat Water Closet	1

Type	Dimension	Count
D-01	2' - 6" x7' - 0"	1



2 Toilet 03 View 01
1 : 40

3 Toilet 03 View 02
1 : 40

4 Toilet 03 View 03
1 : 40

5 Toilet 03 View 04
1 : 40

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT: LOGIX

PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: 4th & 5th FLOOR TOILET

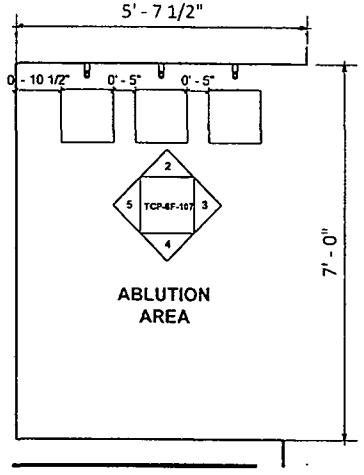
ORG. NAME: Toilet 03

REV.	DESCRIPTION	DATE

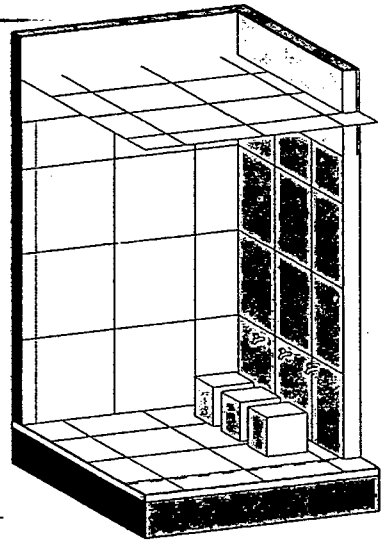
PROPOSED PLAN

CHECKED BY: AHSAN MUGHAL | DRAWN BY: MAHRUKH RAEES

DRG. No: TCP-8F-106 | DATE: APR-2023 | REV:



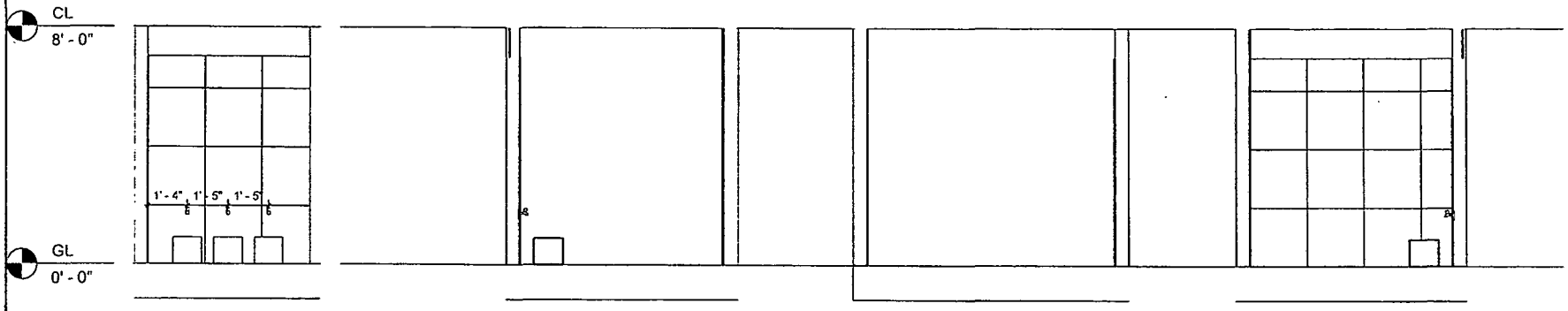
1 Ablution Area
1 : 25



6 Ablution Area-3D View

Ablution Area-Details

Name	Area	Comments	Count
ABLUTION AREA	39 SF		
TP	-	Sanitary Tap	3



2 AA View 01
1 : 40

3 AA View 02
1 : 40

4 AA View 03
1 : 40

5 AA View 04
1 : 40

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT: LOGIX

PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: 4th & 5th FLOOR TOILET

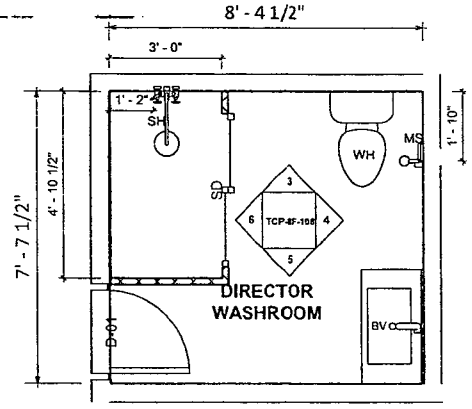
DRG. NAME: Ablution Area

REV.	DESCRIPTION	DATE

PROPOSED PLAN

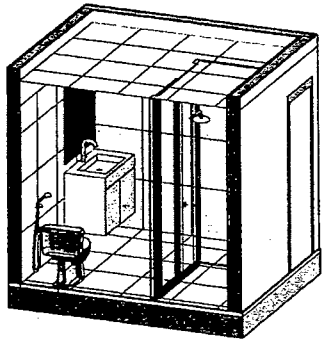
CHECKED BY: AHSAN MUGHAL | DRAWN BY: MAHRUKH RAEES

DRG. No: TCP-6F-107 | DATE: APR-2023 | REV:



1 Director Washroom

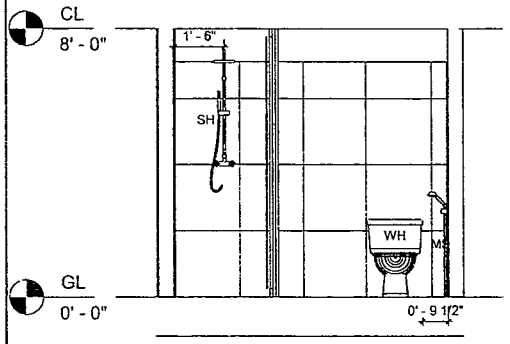
1 : 35



2 Director Washroom-3D View

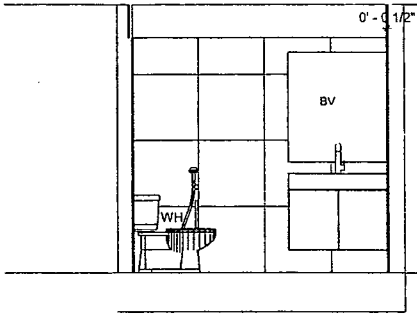
Director Washroom-Details			
Name	**Area**	**Description**	**Count**
DIRECTOR WASHROOM	47 SF		
WH		Western Commode	1
MS		Muslim Shower	1
SH	Shower		1
BV	BATHROOM VANITY		1

Type	Dimensions	Count
D-01	2'-6" X 7' 0"	1
SD	4'-0" x 8'-0"	1



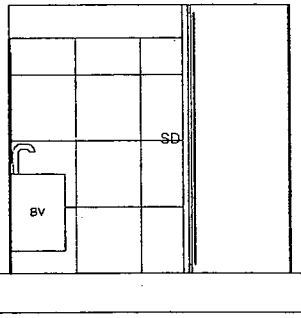
3 DW View 01

1 : 40



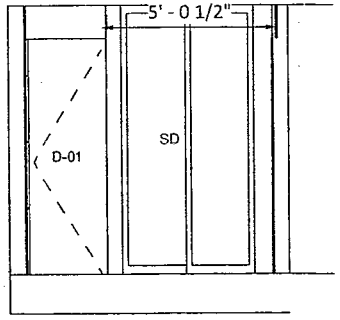
4 DW View 02

1 : 40



5 DW View 03

1 : 40



6 DW View 04

1 : 40

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT: LOGIX

PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: 4th & 5th FLOOR TOILET

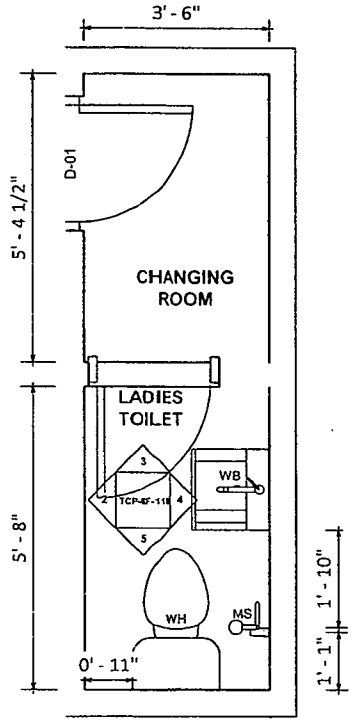
DRG. NAME: Director Washroom

REV.	DESCRIPTION	DATE

PROPOSED PLAN

CHECKED BY: AHSAN MUGHAL | DRAWN BY: MAHRUKH RAFEE

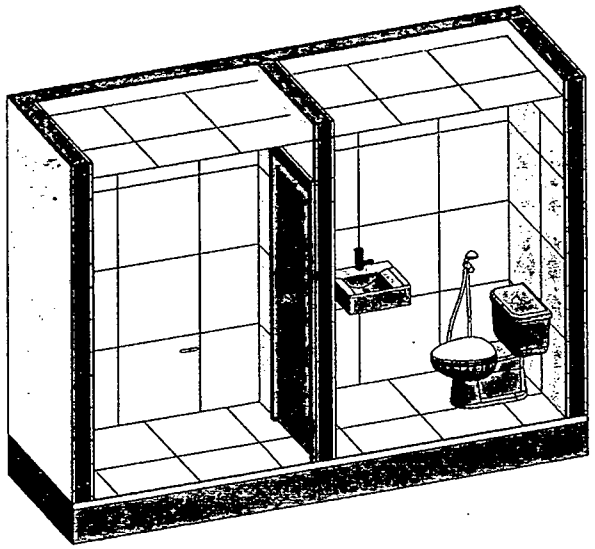
DRG. No: TCP-8F-108 | DATE: APR-2023 | REV:



CR & Ladies Toilet

1

1 : 25

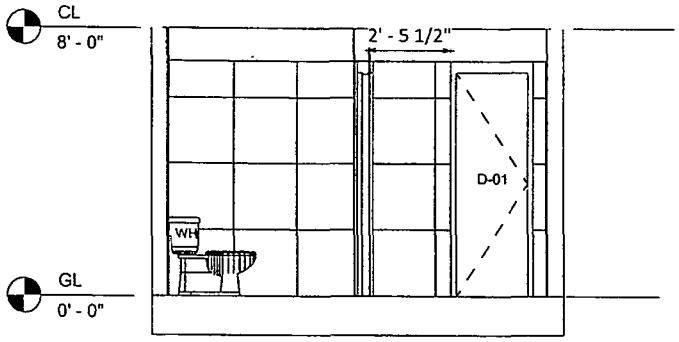


Changing Room & Ladies Toilet-3D View

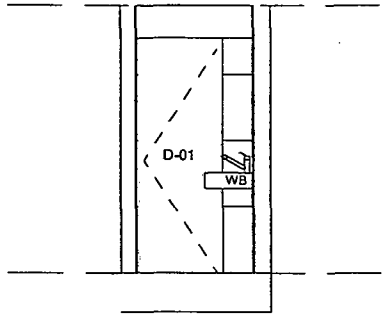
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CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP	CONSULTANT: LOGIX	PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI	REV. / DESCRIPTION / DATE
		TITLE: 4th & 5th FLOOR TOILET	DRG. NAME: Changing Room & Ladies Toilet Plan & 3D View

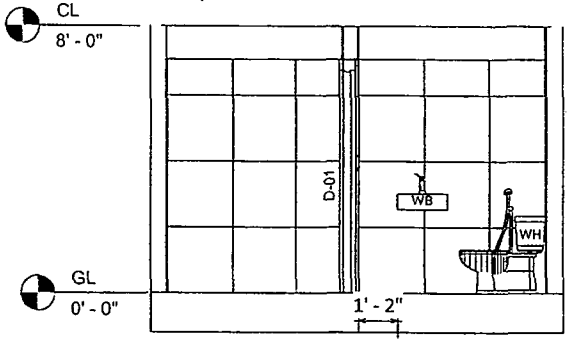
PROPOSED PLAN	
CHECKED BY: AHSAN MUGHAL	DRAWN BY: MAHRUKH RAEES
DRG. No: TCP-8F-109	DATE: APR-2023
REV:	



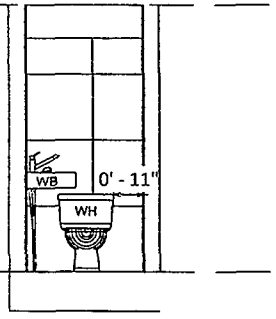
2 View 01
1 : 40



3 View 02
1 : 40



4 View 03
1 : 40



5 View 04
1 : 40

Changing Room & Ladies Toilet-Details

Name	Area	Description	Count
LADIES TOILET	20 SF		
WB		Wash Basen	1
MS		Muslim Shower	1
WH		Western Commode	1

Door Schedule

Type	Dimension	Count
D-01	2' - 2" x6' - 8"	1
D-01	2' - 6" x7' - 0"	1

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT: LOGIX Project Managers Consultants Architects

PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: 4th & 5th FLOOR TOILET

DRG. NAME: Changing Room & Ladies Toilet Elevations

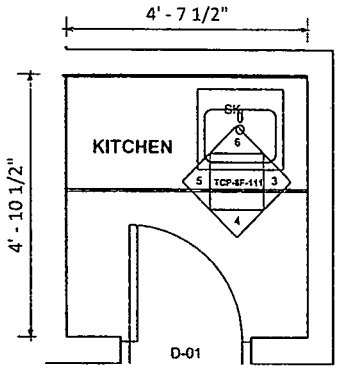
REV.	DESCRIPTION	DATE

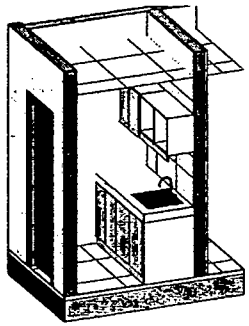
PROPOSED PLAN

CHECKED BY: AHSAN MUGHAL | DRAWN BY: MAHRUKH RAEES

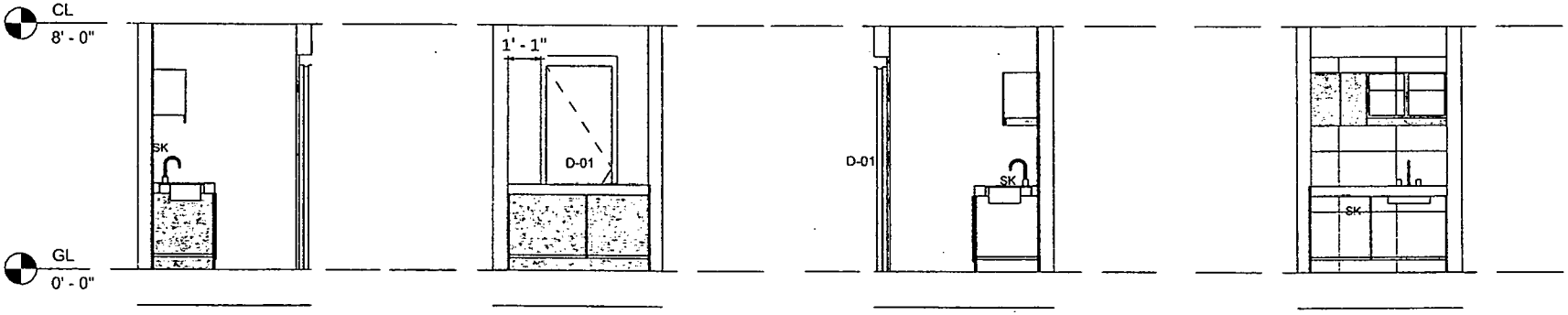
DRG. No: TCP-4F-110 | DATE: APR-2023 | REV:

Kitchen-Details			
Name	Area	Description	Count
KITCHEN	22 SF		
SK		Kithen Cabinet Without Fridge	1





2 Kitchen-3D View



3 Kitchen View 01
1 : 40

4 Kitchen View 02
1 : 40

5 Kitchen View 03
1 : 40

6 Kitchen View 04
1 : 40

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT: LOGIX Project Management Consultants Architects

PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: 4th & 5th FLOOR TOILET

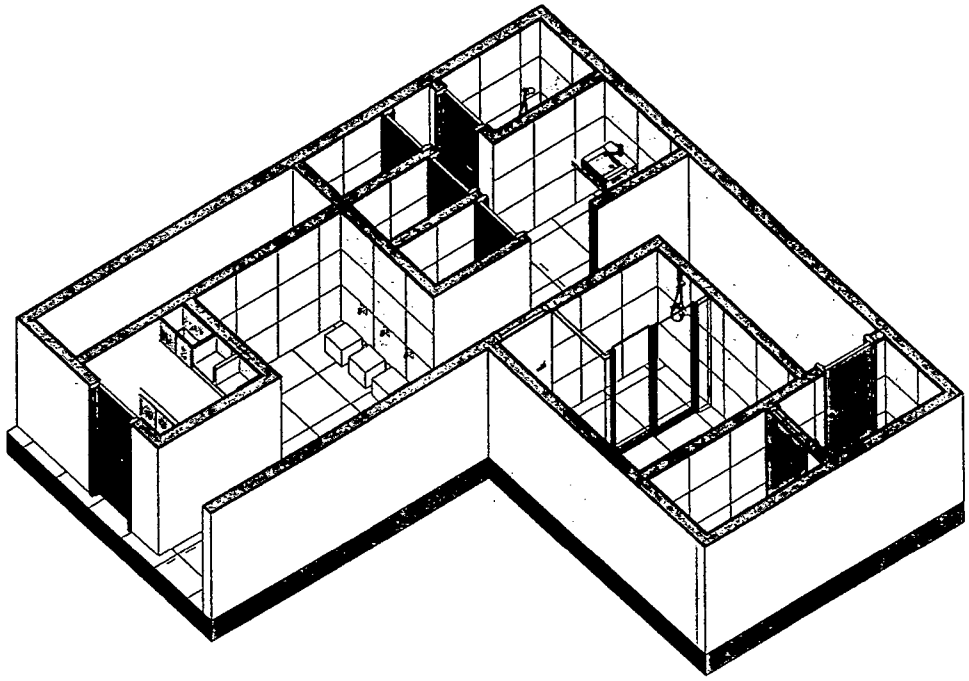
DRG. NAME: Kitchen

REV.	DESCRIPTION	DATE

PROPOSED PLAN

CHECKED BY: AHSAN MUGHAL | DRAWN BY: MAHRUKH RAEES

DRG. No: TCP-8F-111 | DATE: APR-2023 | REV:



1 3D VIEW

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP	CONSULTANT: LOGIX	PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI	REV.	DESCRIPTION	DATE	PROPOSED PLAN	
		TITLE: 4th & 5th FLOOR TOILET	ORG. NAME: 3D View			CHECKED BY: AHSAN MUGHAL	DRAWN BY: MAHRUKH RAEES
						ORG. No: TCP-8F-112	DATE: APR-2023 / REV:

TRADING CORPORATION OF PAKISTAN

(PVT) LTD.-TCP

Trading Corporation of Pakistan
(Pvt) Ltd. - TCP

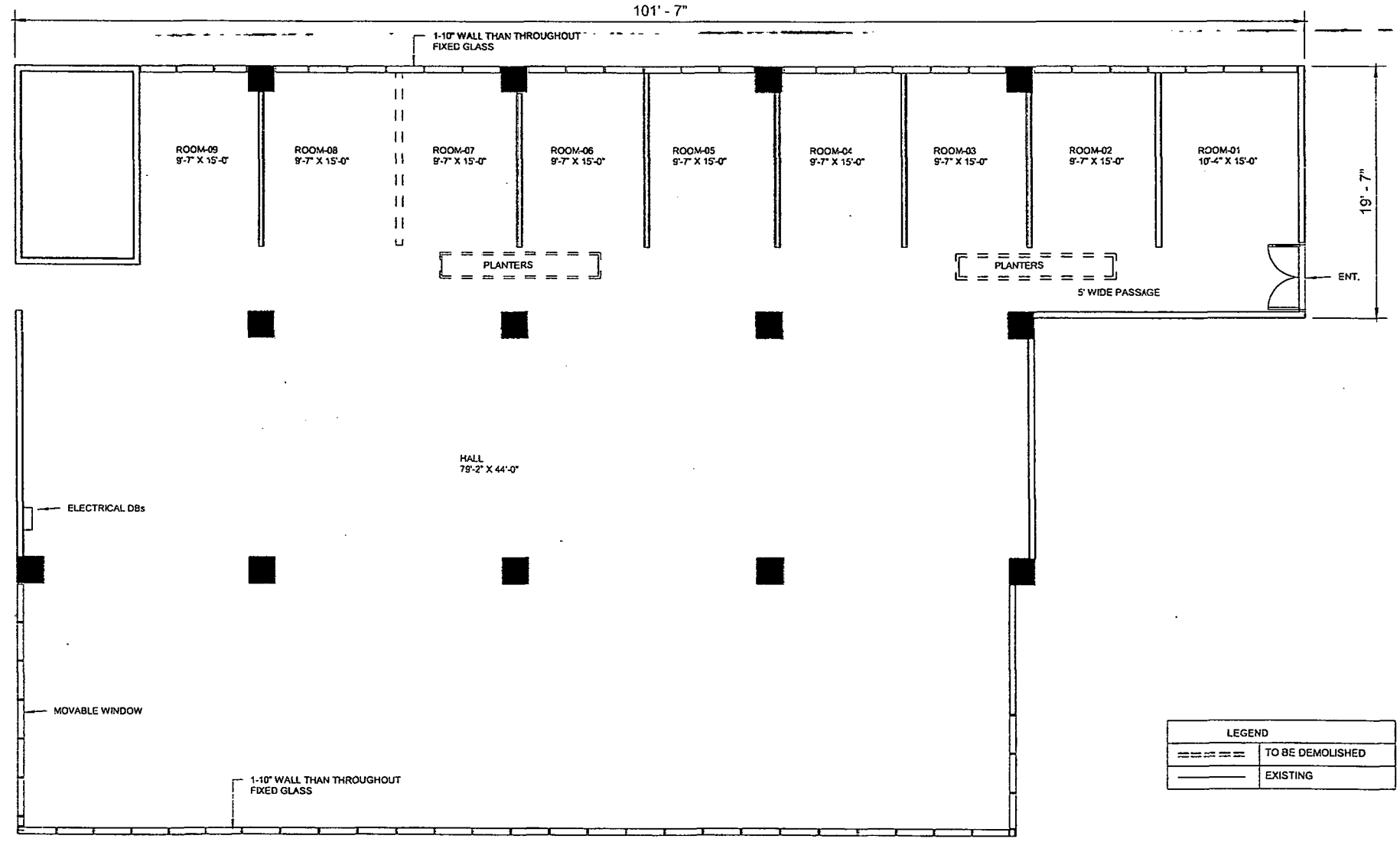
REPAIR, RENOVATION & CONSTRUCTION OF 8TH FLOOR BLOCK A FOR OFFICE USE

TENDER DRAWINGS

ARCHITECTURAL DRAWINGS

CONSULTANT:

LOGIX Project Managers Consultants Advisors



CLIENT:
Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT:
LOGIX Project Management Consultants

PROJECT:
REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: OFFICES AT 8TH FLOOR

DRG. NAME: Existing Plan

REV.	DESCRIPTION	DATE

EXISTING PLAN

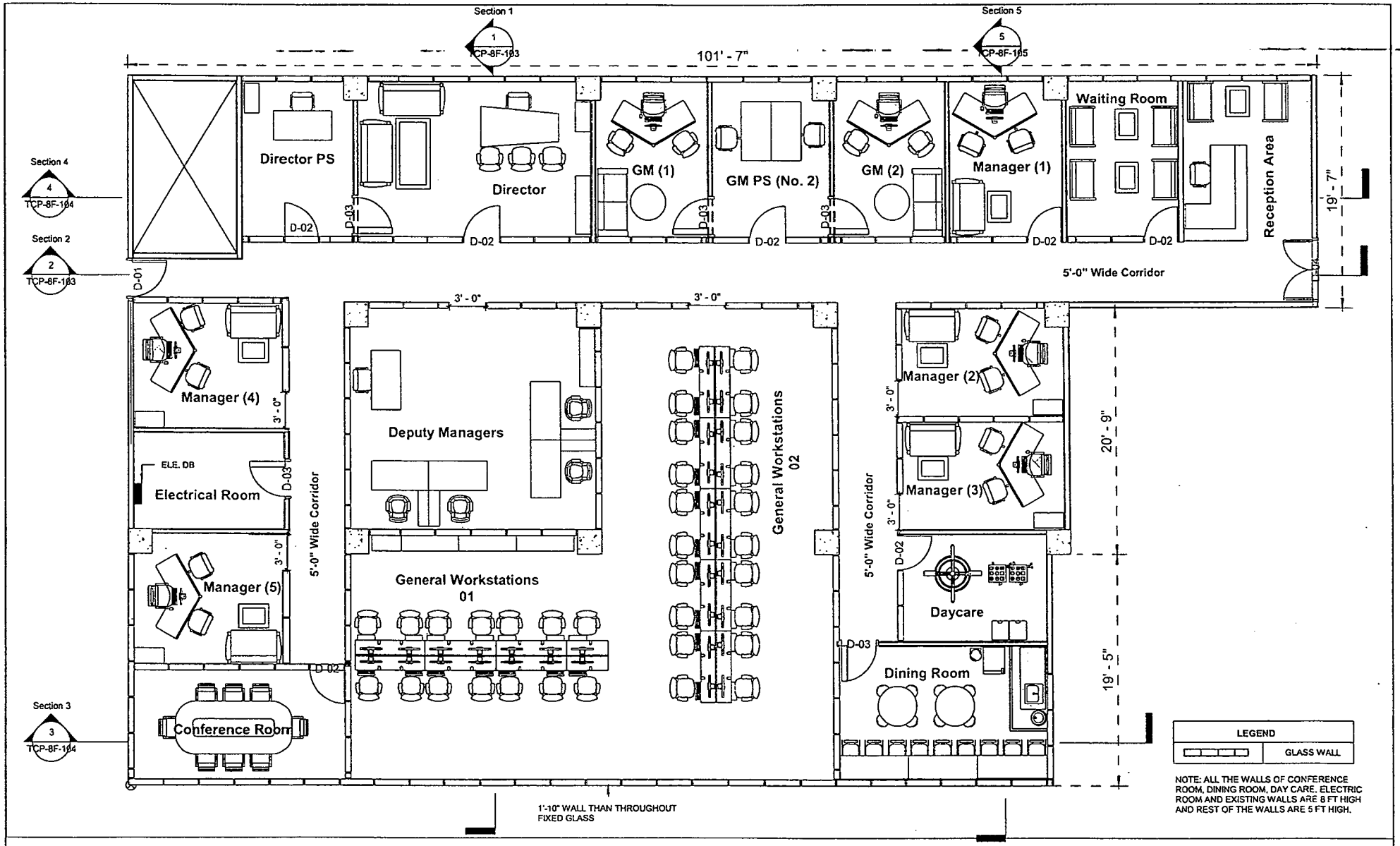
CHECKED BY: AHSAN MUGHAL

DRAWN BY: MAHRUKH RAEES

DRG. No: TCP-8F-101

DATE: APR-2023

REV:



CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT: LOGIX Project Managers Consultants Advisors

PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: OFFICES AT 8TH FLOOR

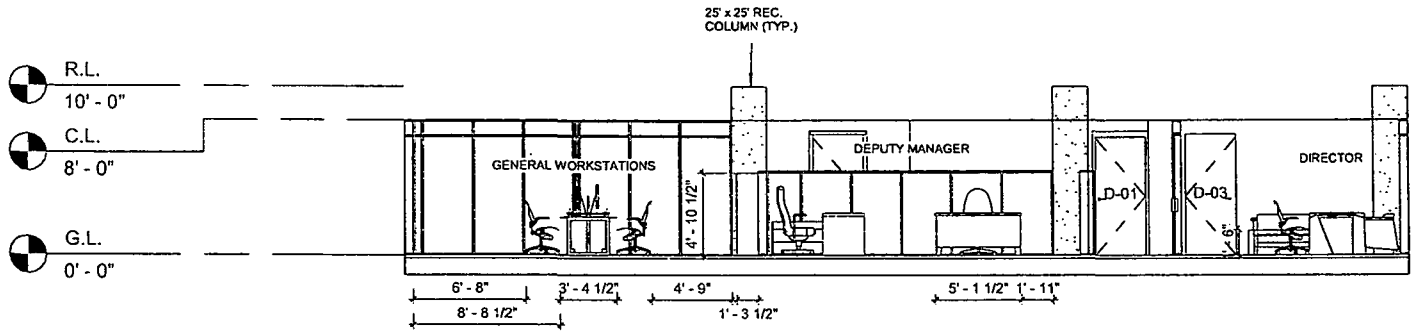
DRG. NAME: Proposed Plan

REV.	DESCRIPTION	DATE

PROPOSED PLAN

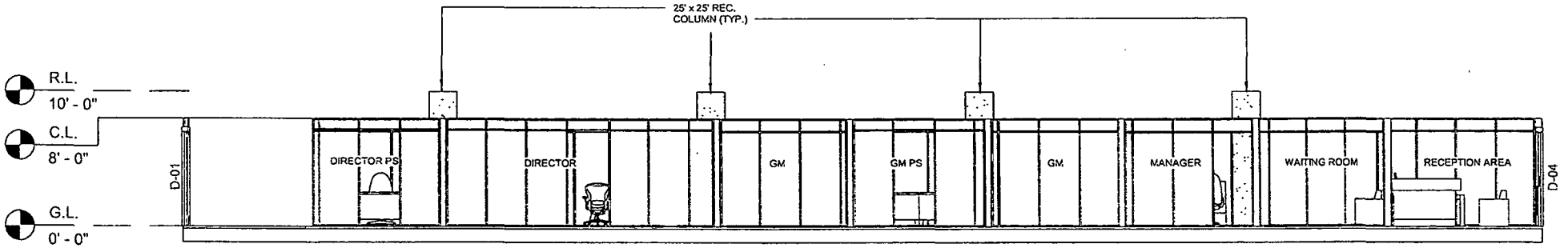
CHECKED BY:	DRAWN BY:
AHSAN MUGHAL	MAHRUKH RAEES

DRG. No:	DATE:	REV:
TCP-8F-102	APR-2023	



Section 1

1 : 85



Section 2

1 : 85

CLIENT:

Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT:

LOGIX

PROJECT:

REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: OFFICES AT 8TH FLOOR

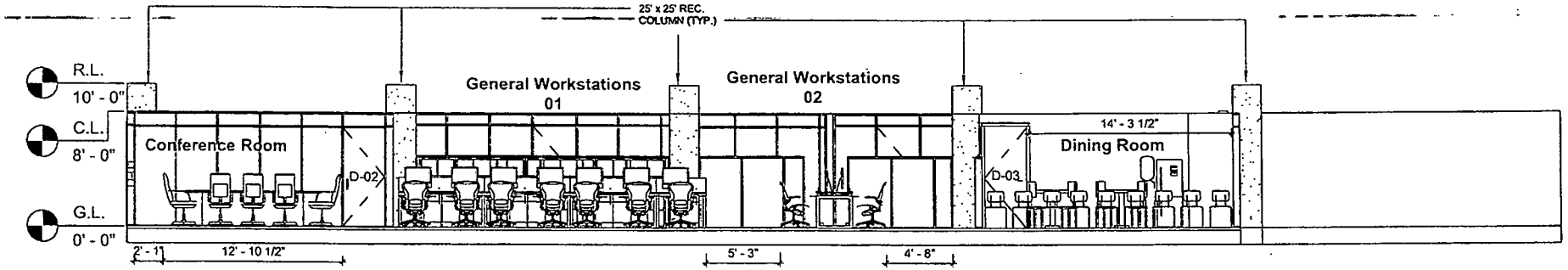
DRG. NAME: Section 1 & 2

REV.	DESCRIPTION	DATE

PROPOSED PLAN

CHECKED BY:	DRAWN BY:
AHSAN MUGHAL	MAHRUKH RAEES

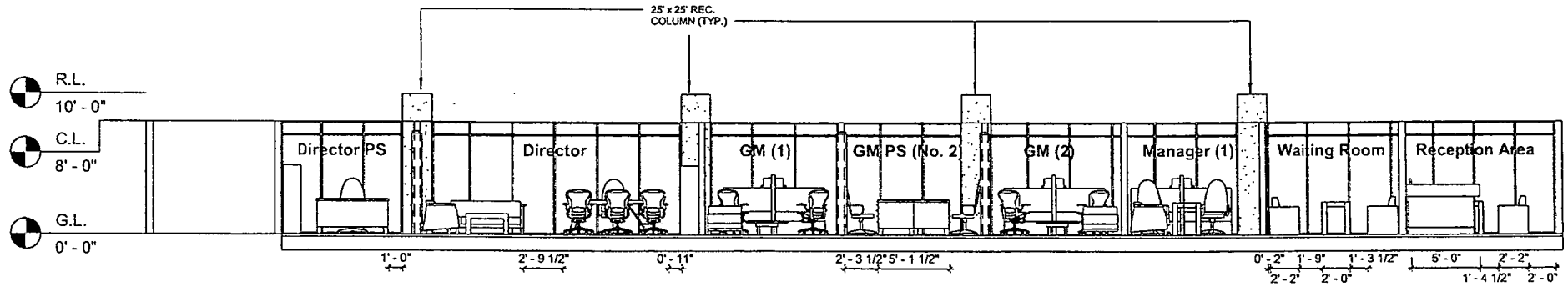
DRG. No:	DATE:	REV:
TCP-8F-103	APR-2023	



Section 3

3

1 : 85

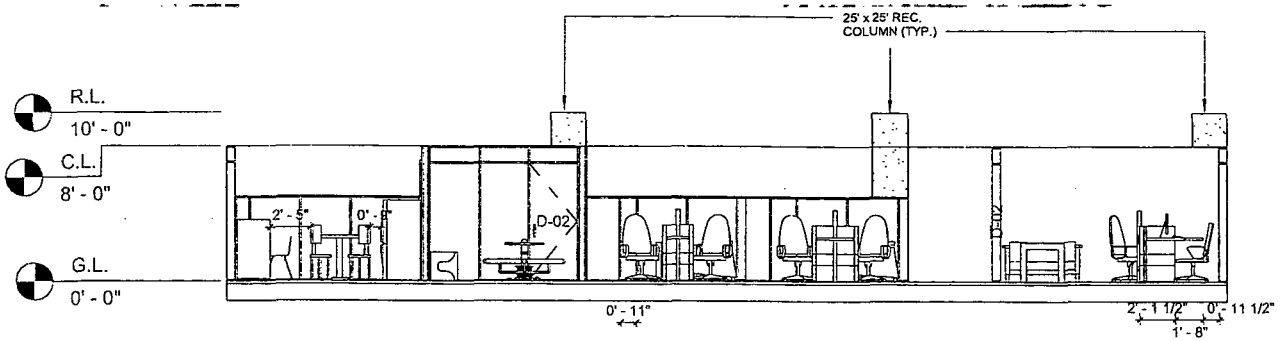


Section 4

4

1 : 85

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP	CONSULTANT: LOGIX	PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI	REV. / DESCRIPTION / DATE	PROPOSED PLAN	
		TITLE: OFFICES AT 8TH FLOOR	DRG. NAME: Section 3 & 4	CHECKED BY: AHSAN MUGHAL	DRAWN BY: MAHRUKH RAEES
				DRG. No: TCP-8F-104	DATE: APR-2023 / REV:

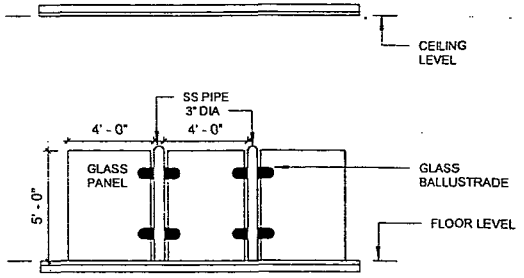


Section 5

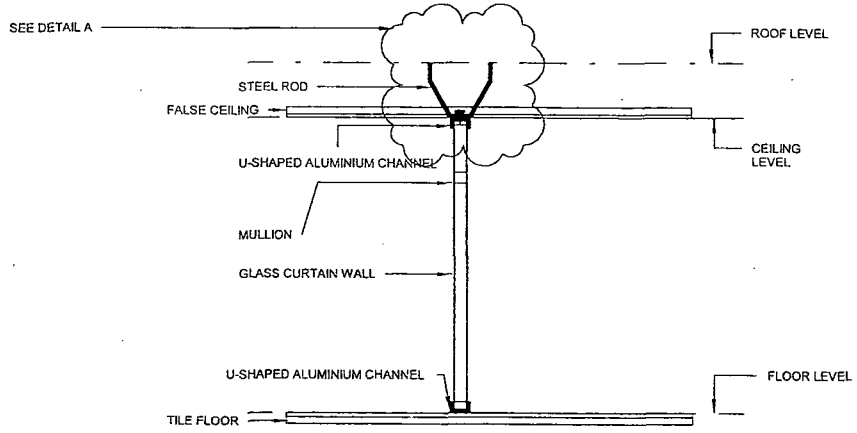
5

1 : 85

5 FEET GLASS WALL FIXING DETAIL



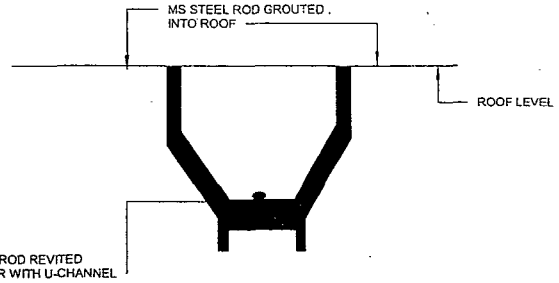
NOTE: CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR FIXING DETAILS OF GLASS WALL



NOTE: CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR FIXING DETAILS OF GLASS WALL

CURTAIN WALL DETAIL

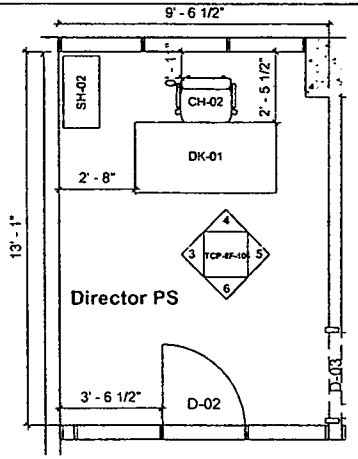
1 : 65



DETAIL-A

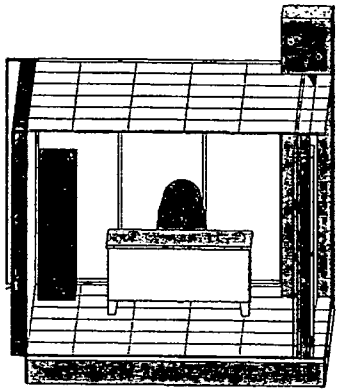
NOTE: TO BE PROVIDE AT INTERVAL OF EVERY 3 FEET OR AS DIRECTED BY THE ENGINEER

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd - TCP	CONSULTANT: LOGIX Project Managers Consultants Advisors	PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI	REV.	DESCRIPTION	DATE	PROPOSED PLAN	
		TITLE: OFFICES AT 8TH FLOOR	DRG. NAME: Section 5 & Fixing Detail Of Glass Panel			CHECKED BY: AHSAN MUGHAL	DRAWN BY: MAHRUKH RAEES
						DRG. No: TCP-8F-105	DATE: APR-2023 REV:



1 DIRECTOR PS

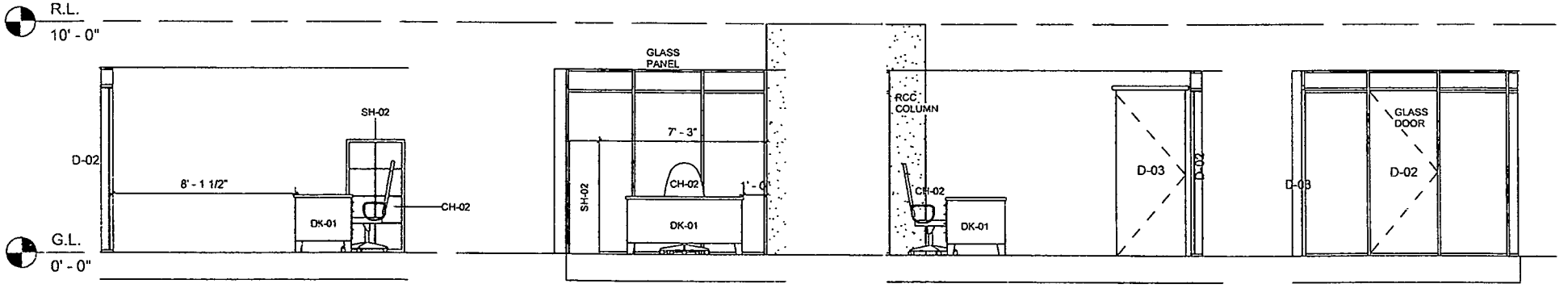
1 : 50



2 Director PS-3D View

DETAIL-DIRECTOR PS			
Type	**Detail**	**Count**	**Dimensions**
Director PS		126 SF	
DK-01	Wooden Desk	1	2' 6" x 2' 6" x 5' 0 5/128"
CH-02	Chair Executive	1	2' 1" x 2' 3 " x 4'
SH-02	Shelf	1	2'-6 1/2" x 1'-3 1/2" x 4-10 1/2"

Director PS-DOOR				
Type	**Detail**	**Count**	**Height**	**Width**
D-03	Glass Door	1	7' - 0"	3' - 0"
D-02	Glass Door	1	7' - 0"	2' - 11"



3 DI. PS-01

1 : 50

4 DI. PS-02

1 : 50

5 DI. PS-03

1 : 50

6 DI. PS-04

1 : 50

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT: LOGIX Project Managers Consultants Architects

PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: OFFICES AT 8TH FLOOR

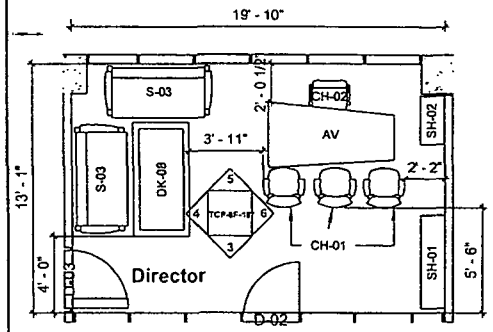
DRG. NAME: Director PS Room Detail

REV.	DESCRIPTION	DATE

PROPOSED PLAN

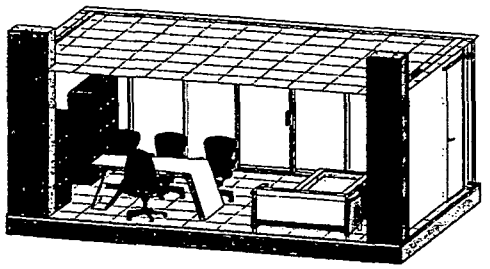
CHECKED BY: AHSAN MUGHAL | DRAWN BY: MAHRUKH RAEES

DRG. No: TCP-8F-105 | DATE: APR-2023 | REV:



1 DIRECTOR

1 : 75



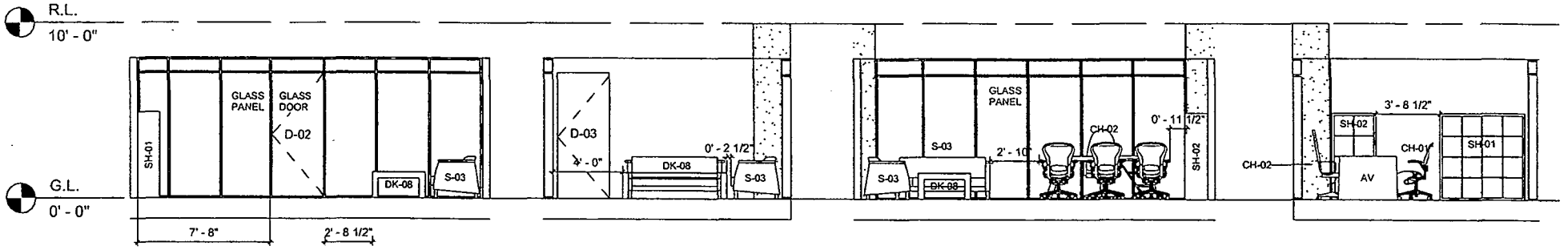
2 DIRECTOR-3D VIEW

DETAIL-DIRECTOR

Type	Detail	Count	Dimensions
Director		266 SF	
AV	Workstation	1	3'-5 1/2" x 6'-6 1/2" x 2'-5 1/2"
CH-01	Working Chair	3	2'-1" x 2'-3" x 3'-3"
CH-02	Chair Executive	1	2' 1" x 2' 3 " x 4'
DK-08	Table-Coffee	1	6' x 3' x 1'-6"
S-03	Sofa	2	5' 5" x 2' 9" x 2' 4 1/2"
SH-01	Shelf	1	4' 10 1/2" x 1' 3 1/2" x 4' 10 1/2"
SH-02	Shelf	1	2'-6 1/2" x 1'-3 1/2" x 4-10 1/2"

DIRECTOR -DOOR

Type	Detail	Count	Height	Width
D-03	Glass Door	1	7' - 0"	3' - 0"
D-02	Glass Door	1	7' - 0"	2' - 11"



3 Director-01

1 : 65

4 Director-02

1 : 65

5 Director-03

1 : 65

6 Director-04

1 : 65

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT: LOGIX Project Managers Consultants Advisors

PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: OFFICES AT 8TH FLOOR

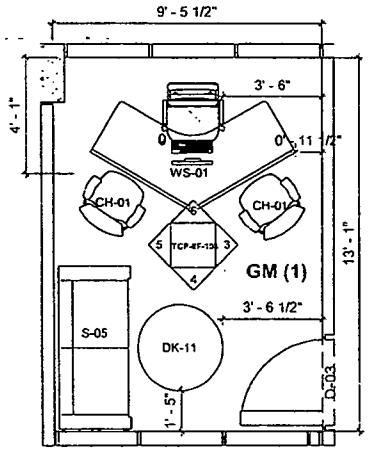
DRG. NAME: DIRECTOR ROOM DETAIL

REV.	DESCRIPTION	DATE

PROPOSED PLAN

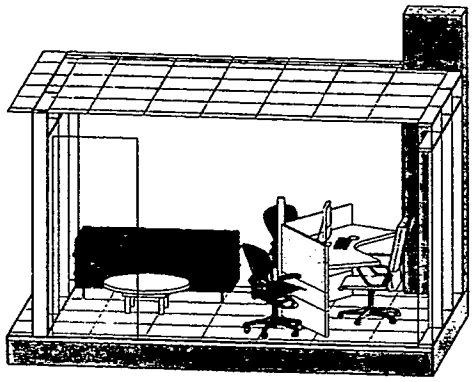
CHECKED BY: AHSAN MUGHAL | DRAWN BY: MAHRUKH RAEES

DRG. No: TCP-6F-107 | DATE: APR-2023 | REV:



1 GM

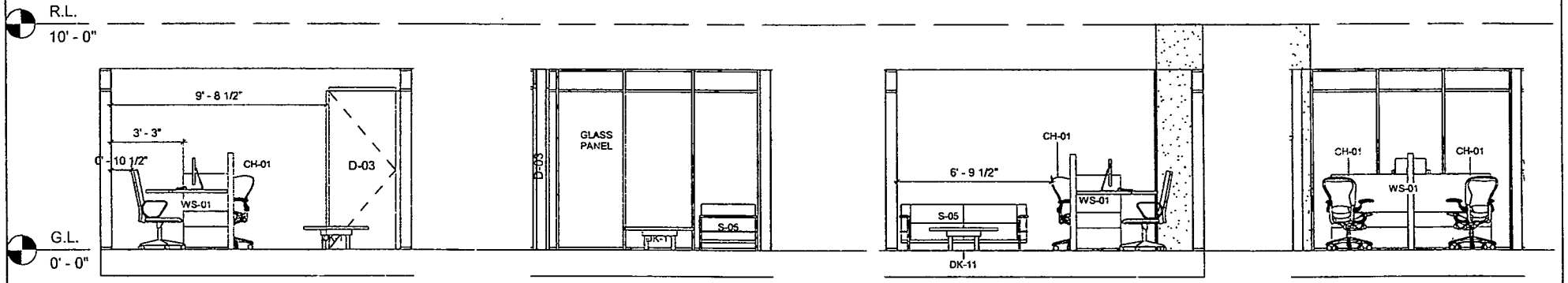
1 : 50



2 GM-3D VIEW

GM DETAILS			
Type	**Detail**	**Count**	**Dimensions**
GM (1)		128 SF	
CH-01	Working Chair	2	2'-1" x 2'-3" x 3'-3"
DK-11	Table-Dining Round	1	3' dia
S-05	Sofa	1	2' 4 1/2" x 5' 6" x 2' 0 1/2"
WS-01	Office Chair	1	STATION: 13" x 13.5", CHAIR: 2'-1"x 2'-3"x18'-13 1/2"

DOOR-GM				
Type	**Detail**	**Count**	**Height**	**Width**
D-03	Glass Door	1	7' - 0"	3' - 0"



3 GM-01

1 : 50

4 GM-02

1 : 50

5 GM-03

1 : 50

6 GM-04

1 : 50

CLIENT:
Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT:
LOGIX

PROJECT:
REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: OFFICES AT 8TH FLOOR

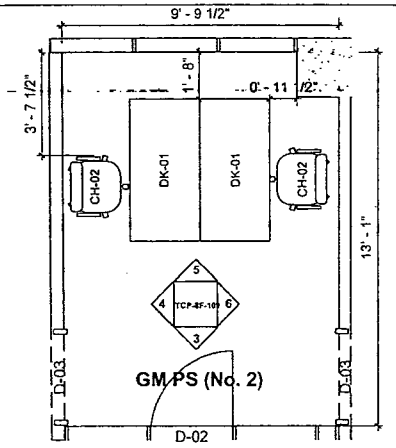
DRG. NAME: GM ROOM DETAIL

REV.	DESCRIPTION	DATE

PROPOSED PLAN

CHECKED BY: AHSAN MUGHAL | DRAWN BY: MAHRUKH RAEES

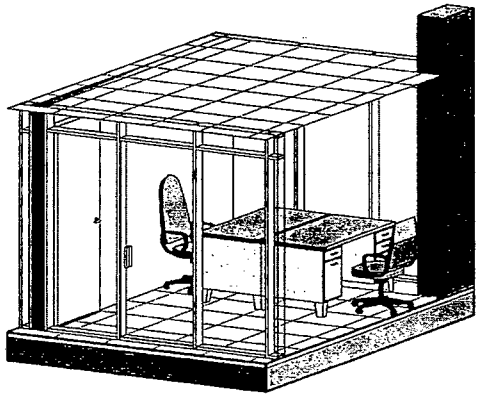
DRG. No: TCP-8F-108 | DATE: APR-2023 | REV:



GM PS (No. 2)

2 GM PS

1 : 50



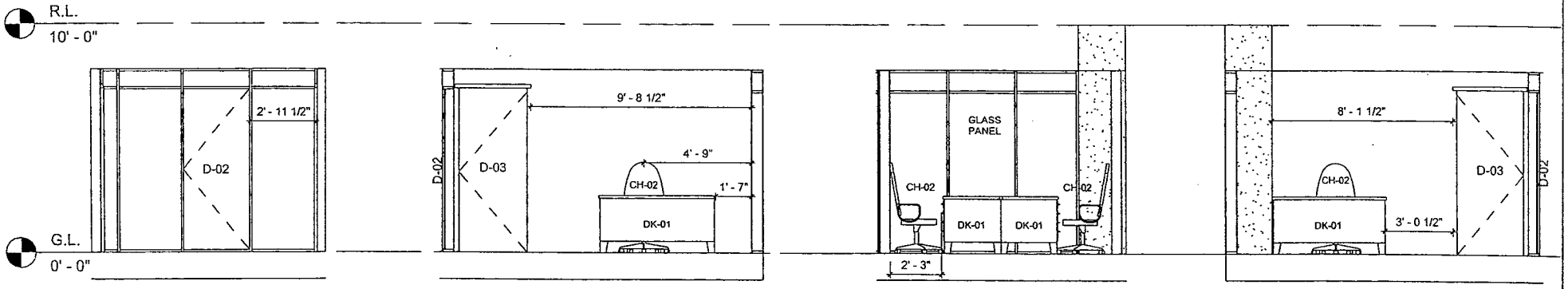
1 GM PS-3D VIEW

DETAILS-GM PS

Type	Family	Count	Dimensions
GM PS (No. 2)		1	130 SF
CH-02	Chair-Executive	2	2' 1" x 2' 3 " x 4'
DK-01	M_Desk	2	2' 6" x 2' 6" x 5' 0 5/128"

DOOR-GM PS

Type	Detail	Count	Height	Width
D-03	Glass Door	1	7' - 0"	3' - 0"



3 GM PS-01

1 : 50

4 GM PS-02

1 : 50

5 GM PS-03

1 : 50

6 GM PS-04

1 : 50

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT: LOGIX Project Managers Consultants Advisors

PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: OFFICES AT 8TH FLOOR

DRG. NAME: GM PS ROOM DETAIL

REV.	DESCRIPTION	DATE

PROPOSED PLAN

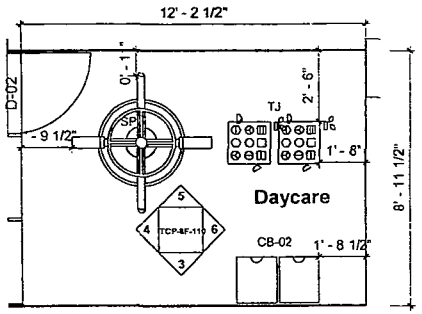
CHECKED BY: AHSAN MUGHAL

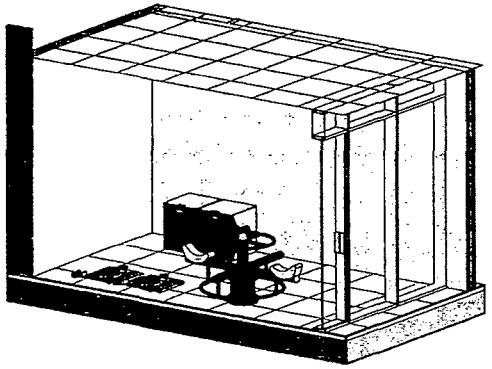
DRAWN BY: MAHRUKH RAEES

DRG. No: TCP-8F-109

DATE: APR-2023

REV:





1 DAY CARE
1 : 50

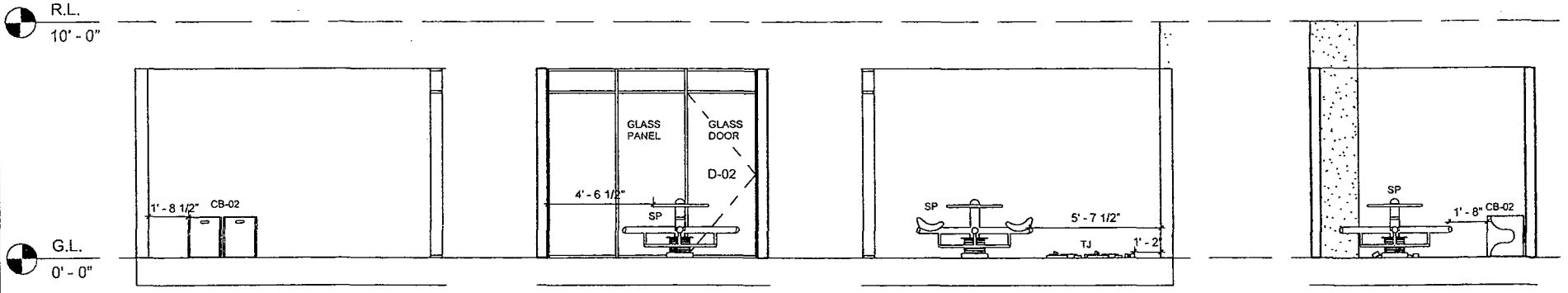
2 DAY CARE- 3D VIEW

DETAIL-DAYCARE

Type	Detail	Count	Dimensions
Daycare		113 SF	
CB-02	Office Chair	2	1'-5"x 1'-7"x 1'-8 1/2"
SP	Children Gadget	1	1' 7" DIA
TJ	Children Toy	2	1'-5 1/2" x 1'-5 1/2" x 0'-3 1/2"

DAYCARE -DOOR

Type	Family	Count	Height	Width
D-02	Door-Curtain-Wall-Single-Glass	1	6' - 10"	2' - 11"



3 DC-01
1 : 50

4 DC-02
1 : 50

5 DC-03
1 : 50

6 DC-04
1 : 50

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT: LOGIX Project Management Consultants Architects

PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: OFFICES AT 8TH FLOOR

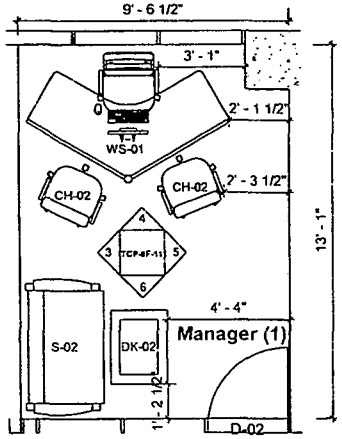
DRG. NAME: DAY CARE ROOM DETAIL

REV.	DESCRIPTION	DATE

PROPOSED PLAN

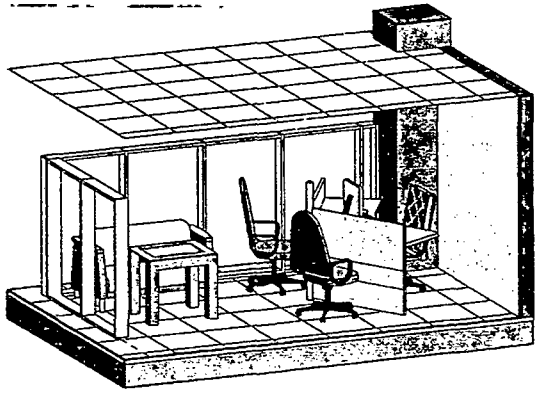
CHECKED BY: AHSAN MUGHAL | DRAWN BY: MAHRUKH RAEES

DRG. No: TCP-8F-110 | DATE: APR-2023 | REV:



MANAGER

2 — 1 : 50

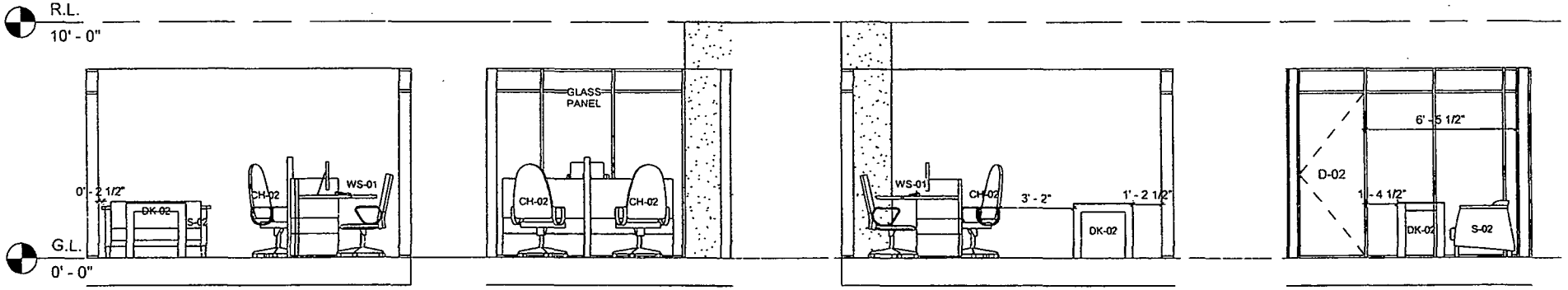


MANAGER-3D VIEW

1

DETAILS-MANAGER			
Type	**Family**	**Count**	**Dimensions**
Manager (1)		1	127 SF
CH-02	Chair-Executive	2	2' 1" x 2' 3 " x 4'
DK-02	Table-Coffee	1	2' 0" x 2' 7" x 2' 4"
S-02	Sofa-Pensi	1	2' 7 1/2" x 4' 5" x 2' 4 1/2"
WS-01	green office chair	1	STATION: 13" x 13.5", CHAIR: 2'-1"x 2'-3"x18'-13 1/2"

DOOR-MANAGER				
Type	**Detail**	**Count**	**Height**	**Width**
D-02	Glass Door	1	6' - 10"	2' - 10"



MG-01

3 — 1 : 50

MG-02

4 — 1 : 50

MG-03

5 — 1 : 50

MG-04

6 — 1 : 50

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT: LOGIX Project Managers Consultants Advisors

PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: OFFICES AT 8TH FLOOR

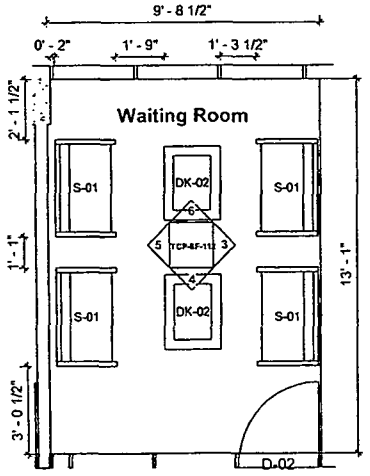
DRG. NAME: MANAGER ROOM DETAIL

REV.	DESCRIPTION	DATE

PROPOSED PLAN

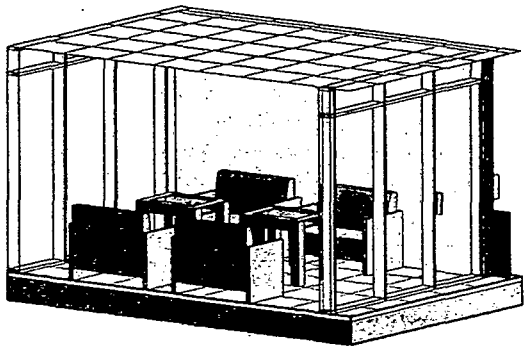
CHECKED BY: AHSAN MUGHAL | DRAWN BY: MAHRUKH RAEES

DRG. No: TCP-8F-111 | DATE: APR-2023 | REV:



WAITING ROOM

1 — 1 : 50

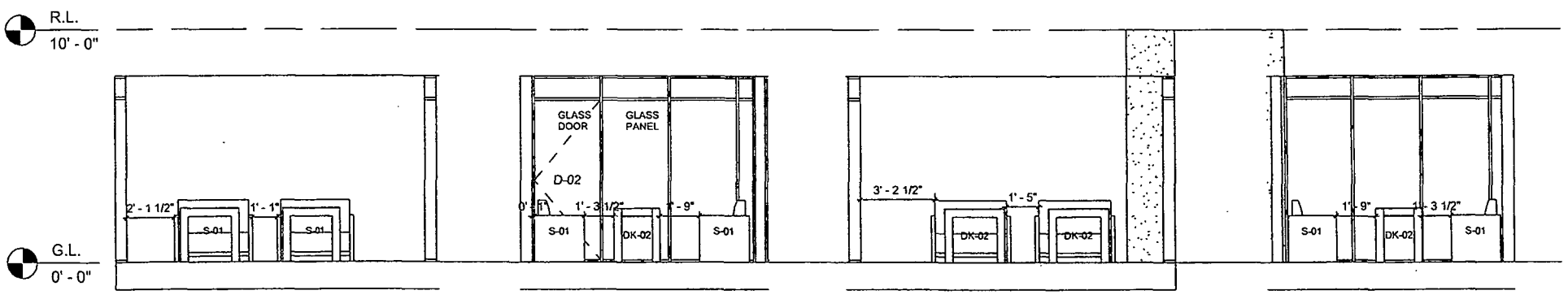


WAITING ROOM-3D VIEW

2 — 1 : 50

DETAILS-WR			
Type	**Family**	**Count**	**Dimensions**
Waiting Room		1	131 SF
DK-02	Table-Coffee	2	2' 0" x 2' 7" x 2' 4"
S-01	Sofa	4	2' 2' x 3' 5" x 2' 8"

DOOR-WAITING ROOM				
Type	**Detail**	**Count**	**Height**	**Width**
D-02	Glass Door	1	6' - 10"	2' - 10"



WR-01

3 — 1 : 50

WR-02

4 — 1 : 50

WR-03

5 — 1 : 50

WR-04

6 — 1 : 50

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT: LOGIX Project Management Consultants Architects

PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

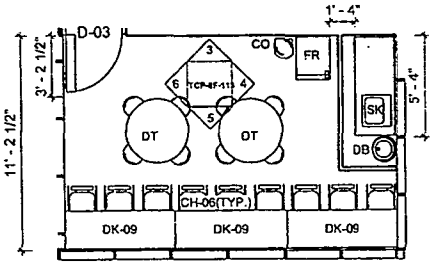
TITLE: OFFICES AT 8TH FLOOR

DRG. NAME: WAITING ROOM DETAIL

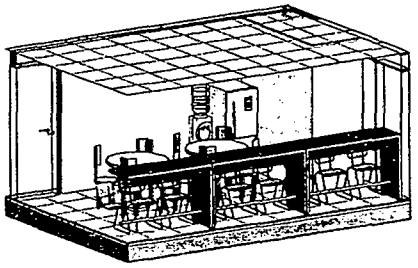
REV.	DESCRIPTION	DATE

PROPOSED PLAN

CHECKED BY:	DRAWN BY:	
AHSAN MUGHAL	MAHRUKH RAEES	
DRG. No: TCP-6F-112	DATE: APR-2023	REV:



2 DINING ROOM
1 : 75



1 DINING ROOM-3D VIEW

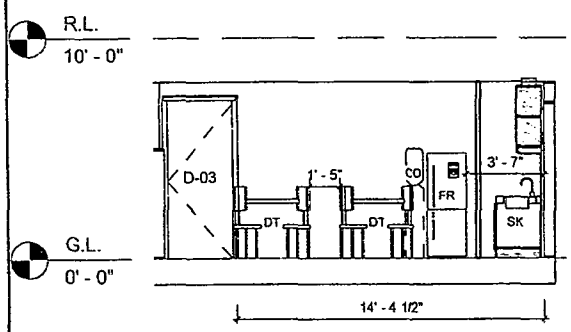
DETAIL-DINING ROOM

Type	Family	Count	Dimensions
Dining Room		1	188 SF

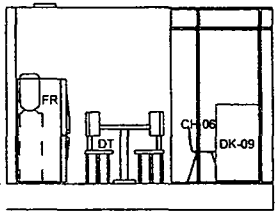
Type	Detail	Count	DIMENSIONS
DT	Round Dining Table	1	04 CHAIRS: 1' 1" x 1' 3" x 3' 3", Table: 3' 4" dia.
DT	Round Dining Table	1	04 CHAIRS: 1' 1" x 1' 3" x 3' 3", Table: 3' 4" dia.
SK	Kitchen sink	1	1' 7 1/2" x 1' 6"
CO	Water_Cooler_-_Sunroc_Legend_1748	1	1' 0 1/2" x 0' 11 1/2" x 5'
DB	Kitchen_Touch_Bin_16076	1	Dia 1' 3 1/2" , Height 2' 6"
FR	Refrigerator	1	2' 3" x 1' 9 1/2" x 4' 9"

DOOR-DR

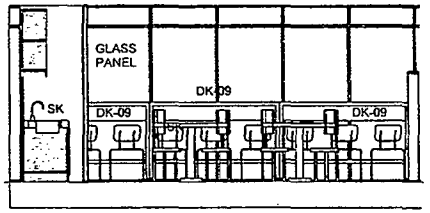
Type	Detail	Count	Height	Width
D-03	Glass Door	1	7' - 0"	3' - 0"



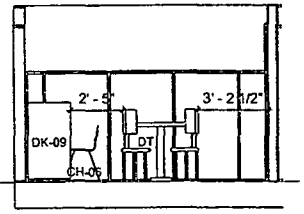
3 DR-01
1 : 65



4 DR-02
1 : 65



5 DR-03
1 : 65



6 DR-04
1 : 65

CLIENT:
Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT:
LOGIX Project Management Consultants Pvt. Ltd.

PROJECT:
REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

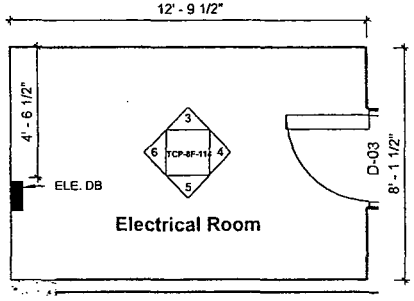
TITLE: OFFICES AT 8TH FLOOR

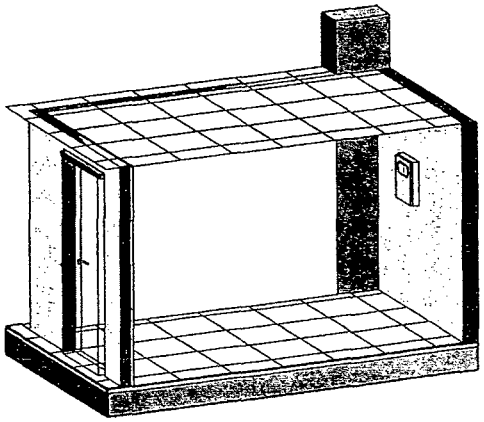
DRG. NAME: DINING ROOM DETAIL

REV.	DESCRIPTION	DATE

PROPOSED PLAN

CHECKED BY:	DRAWN BY:
AHSAN MUGHAL	MAHRUKH RAEES
DRG. No: TCP-8F-113	DATE: APR-2023 REV:





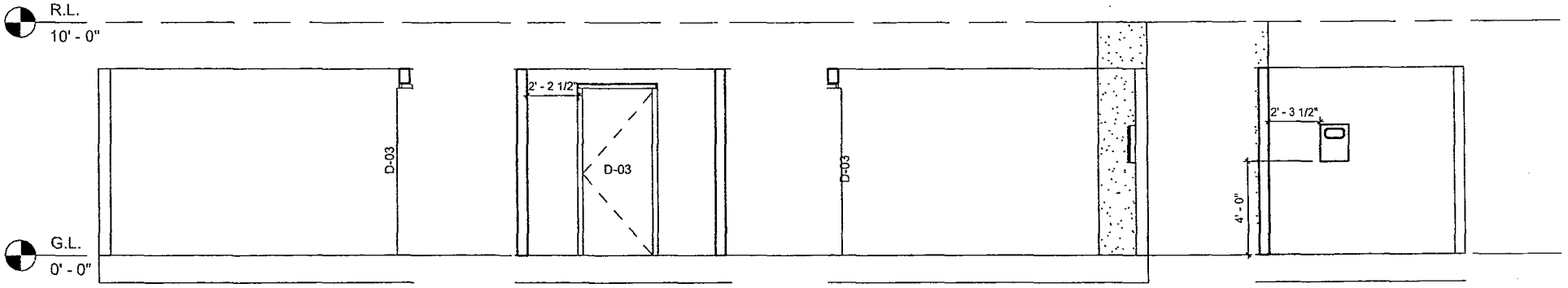
2 ELECTRIC ROOM
1 : 50

1 ELE. ROOM-3D VIEW

Detail-Elec Room	
Type	**Dimensions**
Electrical Room	104 SF

Type	Detail	Count	Height	Width
D-03	Glass Door	1	7' - 0"	3' - 0"

Mark	Type Name	Dimensions
DB	ELECTRICAL DB	1' 3 1/2" x 6" x 1' 7 1/2"



3 ER-01
1 : 50

4 ER-02
1 : 50

5 ER-03
1 : 50

6 ER-04
1 : 50

CLIENT:
Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT:
LOGIX Project Management Consultants Advisors

PROJECT:
REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: OFFICES AT 8TH FLOOR

DRG. NAME: ELECTRICAL ROOM DETAIL

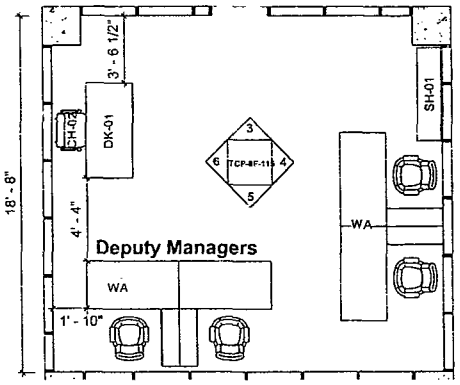
REV.	DESCRIPTION	DATE

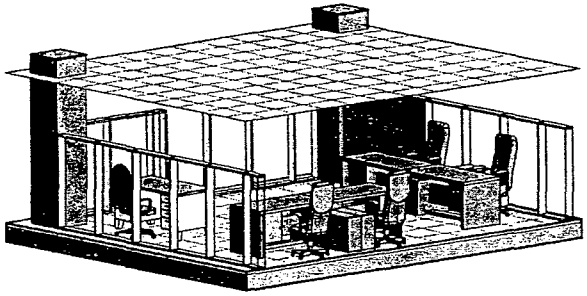
PROPOSED PLAN

CHECKED BY:	DRAWN BY:
AHSAN MUGHAL	MAHRUKH RAEES

DRG. No:	DATE:	REV:
TCP-8F-114	APR-2023	

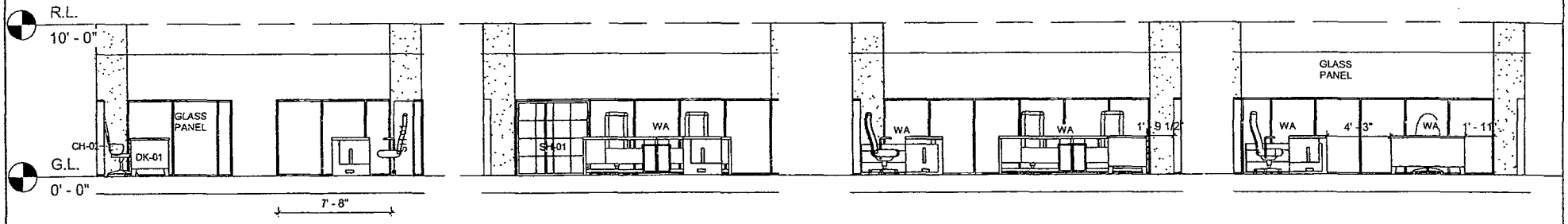
DETAIL-DEPUTY MANAGER			
Type	**Detail**	**Count**	**Dimensions**
Deputy Managers		18-9" x 21'-3"	
CH-02	Chair-Executive	1	2' 1" x 2' 3 " x 4'
DK-01	Wooden Desk	1	2' 6" x 2' 6" x 5' 0 5/128"
SH-01	Shelf	1	4' 10 1/2" x 1' 3 1/2" x 4' 10 1/2"
WA	GENERIC MODEL	4	Workstation comprises of a desk, cabinet and a chair





1 DEPUTY MANAGER
1 : 75

2 DEPUTY MANAGER-3D VIEW



3 DM-01
1 : 75

4 DM-02
1 : 75

5 DM-03
1 : 75

6 DM-04
1 : 75

CLIENT:
Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT:
LOGIX Project Management Consultants Architects

PROJECT:
REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: OFFICES AT 8TH FLOOR

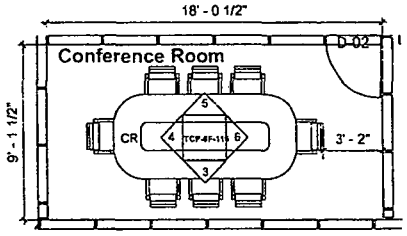
DRG. NAME: DEPUTY MANAGER ROOM DETAIL

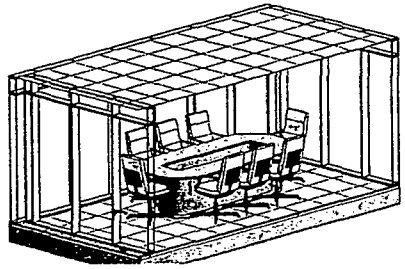
REV.	DESCRIPTION	DATE

PROPOSED PLAN

CHECKED BY: AHSAN MUGHAL | DRAWN BY: MAHRUKH RAEES

DRG. No: TCP-8F-115 | DATE: APR-2023 | REV:



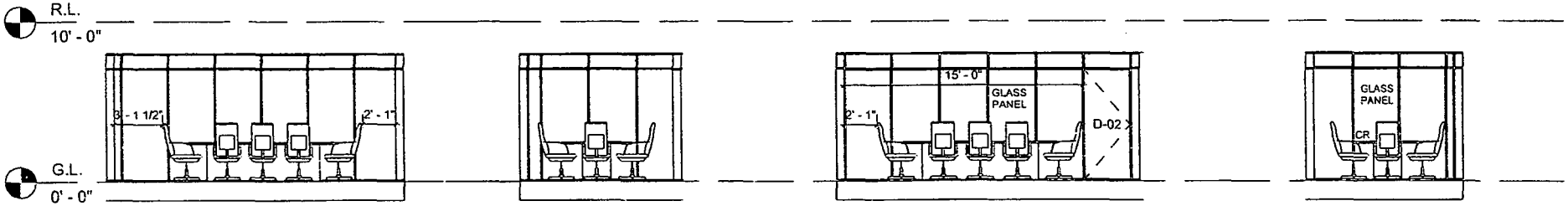


Detail-Conference Room			
Type	**Description**	**Count**	**Dimensions**
Conference Room		1	(9'-6" x 18'-1")
CR	Table Conference 8 Seater(2)	1	Table: 4' 5" x 9' 10" x 2' 5 1/2" , 08Chairs: 2' 5" 1'9 1/2" x 3' 8"

CR -DOOR				
Type	**Detail**	**Count**	**Height**	**Width**
D-02	Glass Door	1	6' - 10"	2' - 11"

1 Conference Room
1 : 75

2 CONFERENCE ROOM-3D View



3 CR-01
1 : 75

4 CR-02
1 : 75

5 CR-03
1 : 75

6 CR-04
1 : 75

CLIENT:
Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT:
LOGIX Project Technologies Consultants Advisors

PROJECT:
REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

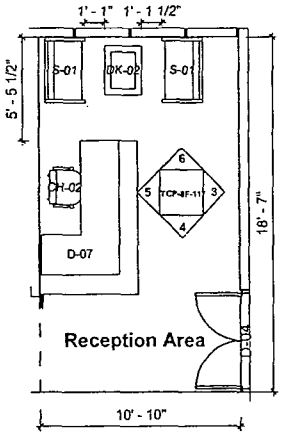
TITLE: OFFICES AT 8TH FLOOR

DRG. NAME: CONFERENCE ROOM DETAIL

REV.	DESCRIPTION	DATE

PROPOSED PLAN

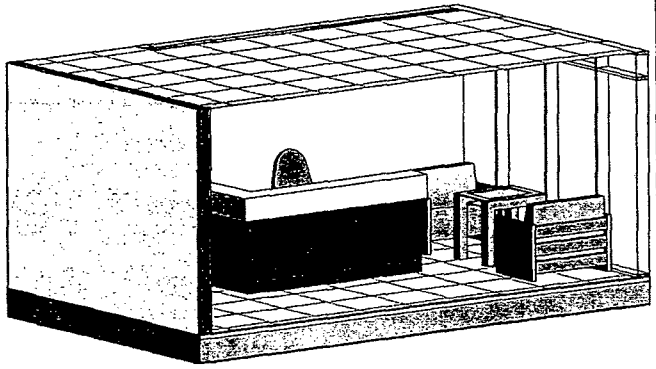
CHECKED BY:	DRAWN BY:
AHSAN MUGHAL	MAHRUKH RAEES
DRG. No: TCP-EF-116	DATE: APR-2023
REV:	



Reception Area

2

1 : 75



RECEPTION-3D VIEW

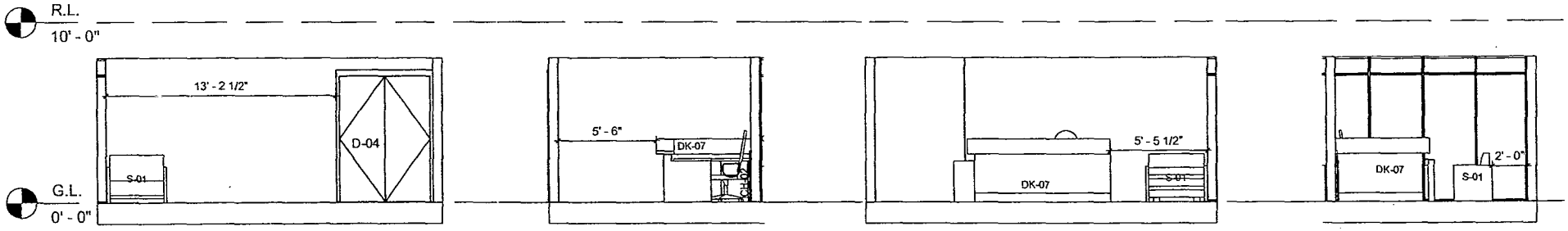
1

DETAILS-RECEPTION AREA

Type	Family	Count	Dimensions
Reception Area		1	202 SF
CH-02	Chair-Executive	1	2' 1" x 2' 3 " x 4'
DK-02	Table-Coffee	1	2' 0" x 2' 7" x 2' 4"
DK-07	GENERIC_RECEPTION_DESK_10844	1	9' 0 25/128" x 9' 0 25/128" x 4' 0 1/8"
S-01	Sofa	2	2' 2' x 3' 5" x 2' 8"

DOOR-RA

Type	Detail	Count	Height	Width
D-04	Wooden Door	1	7' - 0"	5' - 0"



RA-01

3

1 : 65

RA-02

4

1 : 65

RA-03

5

1 : 65

RA-04

6

1 : 65

CLIENT:

Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT:

LOGIX Project Management Consultants Architects

PROJECT:

REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: OFFICES AT 8TH FLOOR

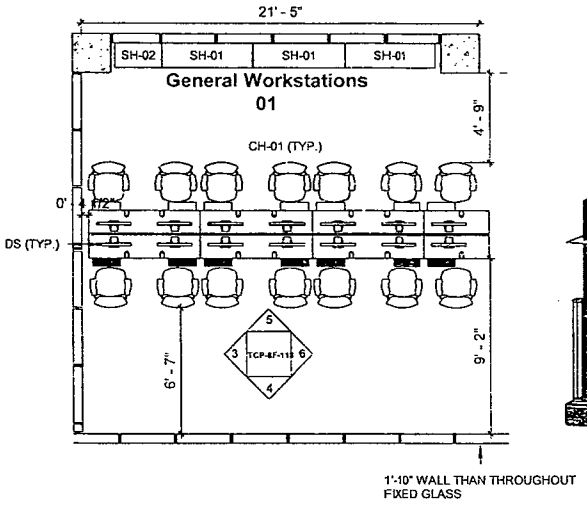
DRG. NAME: RECEPTION AREA DETAIL

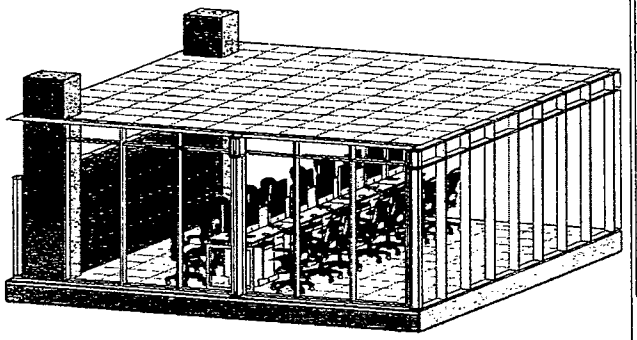
REV.	DESCRIPTION	DATE

PROPOSED PLAN

CHECKED BY:	DRAWN BY:
AHSAN MUGHAL	MAHRUKH RAEES

DRG. No:	DATE:	REV:
TCP-8F-117	APR-2023	



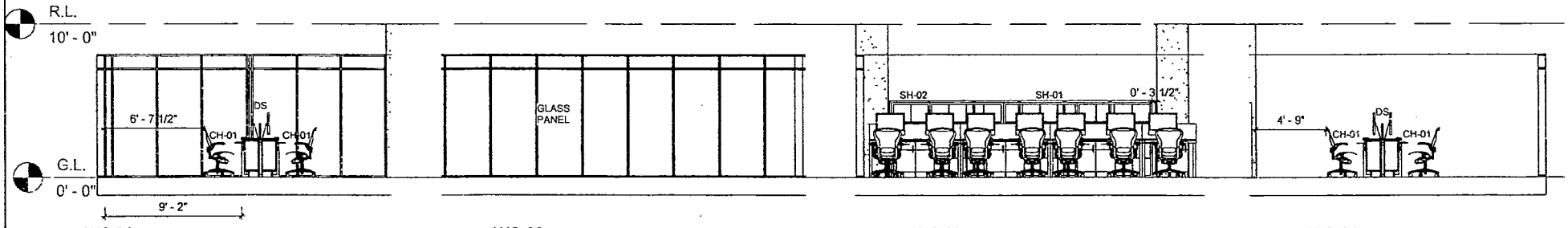


DETAILS-GENERAL WS			
Type	**Detail**	**Count**	**Dimensions**
General Workstations 01		1	484 SF
CH-01	Office Chair	14	2'-1" x 2'-3" x 3'-3"
DS	Monitor	14	STANDARD SIZE
SH-01	Shelf	3	4' 10 1/2" x 1' 3 1/2" x 4' 10 1/2"
SH-02	Shelf	1	2'-6 1/2" x 1'-3 1/2" x 4-10 1/2"

GENERAL WS 01 CASE WORK			
Type	**Detail**	**Count**	**Dimensions**
CB-01	Wooden Cabinet	14	1' 3" x 1' 0" x 2' 4"

1 General Workstations
1 : 75

2 WORKSTATION-3D VIEW



3 WS-01
1 : 75

4 WS-02
1 : 75

5 WS-03
1 : 75

6 WS-04
1 : 75

CLIENT:
Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT:
LOGIX

PROJECT:
REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

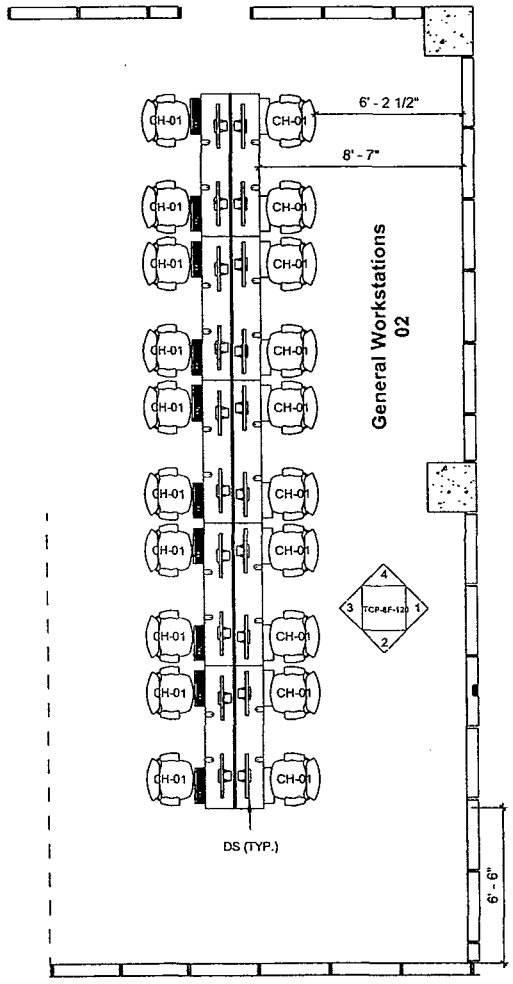
TITLE: OFFICES AT 8TH FLOOR

DRG. NAME: GENERAL WORKSTATIONS 01 HALL DETAIL

REV.	DESCRIPTION	DATE

PROPOSED PLAN

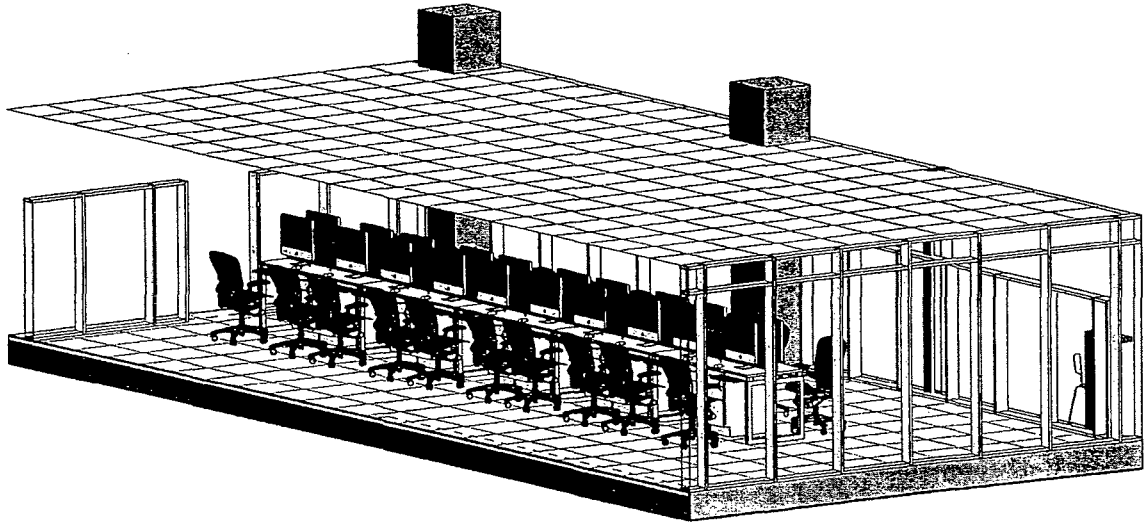
CHECKED BY: AHSAN MUGHAL
DRAWN BY: MAHRUKH RAEES
DRG. No: TCP-8F-118
DATE: APR-2023
REV:



General Workstations 02

2

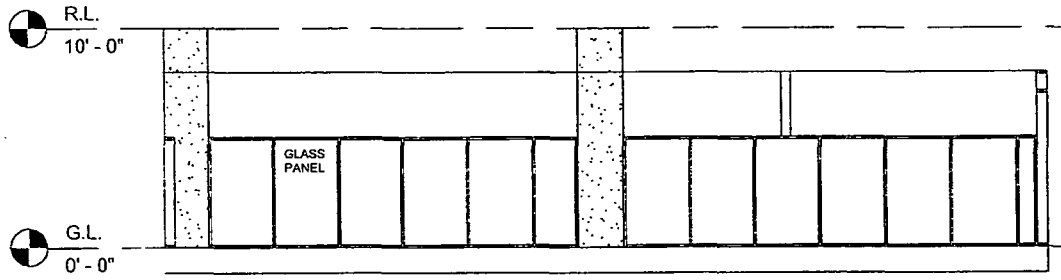
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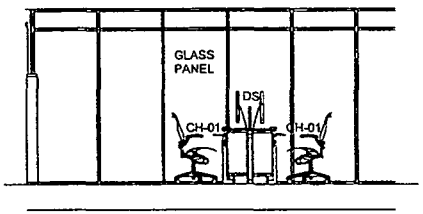
WORKSTATIONS(02)-3D VIEW

1

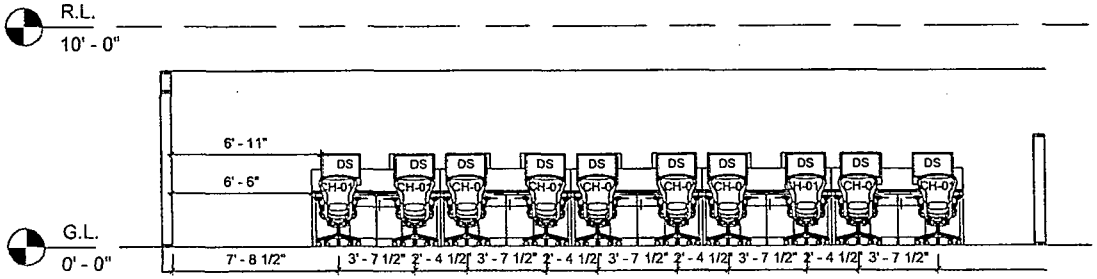
CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP	CONSULTANT: LOGIX Project Management Consultants Advisors	PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI	REV. / DESCRIPTION / DATE	PROPOSED PLAN		
		TITLE: OFFICES AT 8TH FLOOR	DRG. NAME: GENERAL WS 02 HALL-PLAN & 3D DETAIL	CHECKED BY: AHSAN MUGHAL	DRAWN BY: MAHRUKH RAEES	
				DRG. No: TCP-8F-119	DATE: APR-2023	REV:



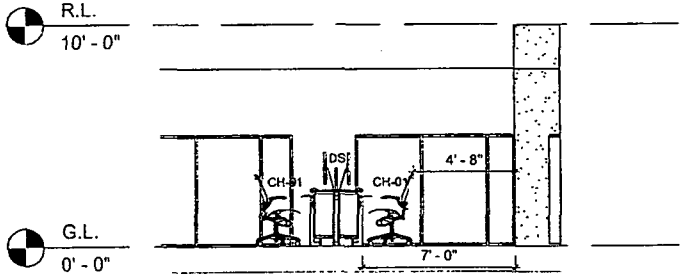
1 GSW-01
1 : 65



2 GSW-02
1 : 65



3 GSW-03
1 : 65



4 GSW-04
1 : 65

DETAILS-GENERAL WS 02			
Type	**Family**	**Count**	**Dimensions**
General Workstations 02		1	753 SF
CH-01	Aeron_Work_Chair_3485	20	2'-1" x 2'-3" x 3'-3"
DS	iMac_MONITOR	20	STANDARD SIZE

GENERAL WS 02 CASE WORK			
Type	**Detail**	**Count**	**Dimensions**
CB-01	Wooden Cabinet	20	1' 3" x 1' 0" x 2' 4"

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP

CONSULTANT: LOGIX Project Management Consultants Advisors

PROJECT: REPAIR, RENOVATION AND CONSTRUCTION OF 8TH FLOOR, BLOCK "A" FOR OFFICE USE AND REPAIR AND RENOVATION WORKS OF KITCHENS AND TOILETS AT 4TH & 5TH FLOOR, BLOCK "B", FTC BUILDING SHAHRAH-E-FAISAL, KARACHI

TITLE: OFFICES AT 8TH FLOOR

DRG. NAME: GENERAL WS 02 HALL-ELEVATIONS DETAIL

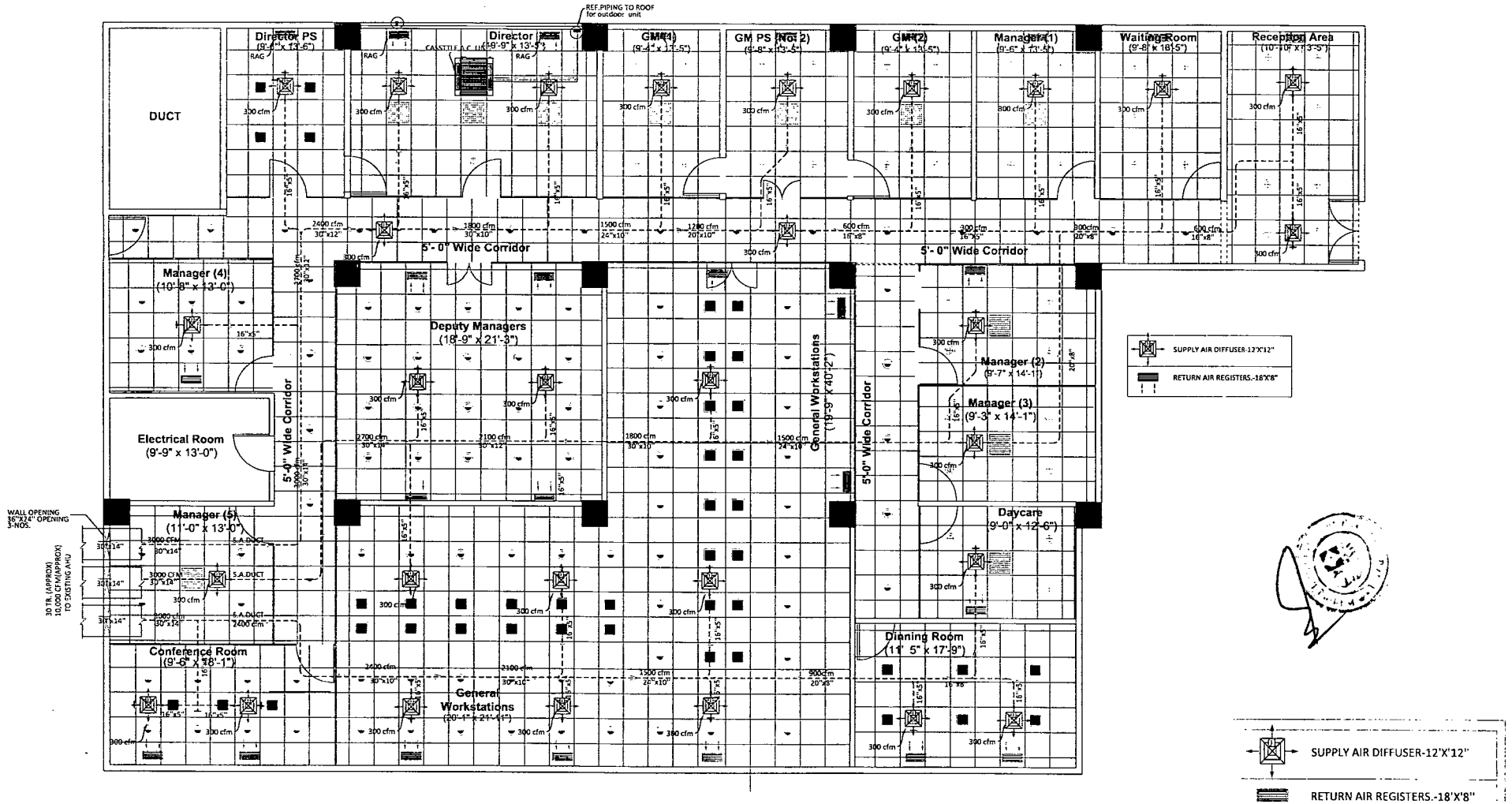
REV.	DESCRIPTION	DATE

PROPOSED PLAN

CHECKED BY:	DRAWN BY:
AHSAN MUGHAL	MAHRUKH RAEES

DRG. No:	DATE:	REV:
TCP-EF-120	APR-2023	

MEP DRAWINGS



PRELIMMINERY DESIGN DRAWING
HVAC SYSTEM 5TH. FLOOR

CLIENT: Trading Corporation of Pakistan (Pvt) Ltd. - TCP	CONSULTANT: LOGIX Project Managers Consultants Advisors	PROJECT: PROPOSED HVAC DESIGN NEW OFFICE AT 8TH FLOOR	REV.	DESCRIPTION	DATE	DRW
						DESIGNED BY: A. WAHID / DRAWN BY: M. FAHEEM
		TITLE: HVAC SYSTEM LAYOUT PLAN / DRG. NAME: HVAC DESIGN DRAWING				DRG. No: TCP/HVAC/01 / DATE: APR-2023 / REV:

U:\PROJECTS\2023\LOGIX\TCP\TCP-logo.jpg

4th & 5th Floor, Block B, FTC Building, Shahra-e-Faisal Karachi.

NEW OFFICE AT 8TH FLOOR

PRELIMINARY DESIGN

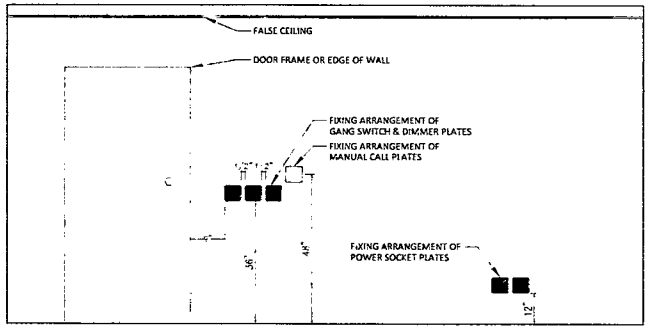
ELECTRICAL WORKS

ARCHITECT:

LOGIX

GENERAL NOTES

S#	NOTES
1	All wiring for lighting and power shall be with single core PVC insulated cables laid in PVC conduits except noted otherwise.
2	Size of cable shall be as given below unless otherwise indicated: a) Light & 10A outlet circuit 2x2.5 mm² single core + 1x1.5 mm² ecc. b) Light point to switch 2x1.5 mm² single core + 1x1.5 mm² ecc. c) 10A outlet to outlet 2x2.5 mm² single core + 1x2.5 mm² ecc. d) 15A receptacle 2x4mm² single core + 1x2.5 mm² ecc. e) Split ac 1, 1.5 & 2 ton 2x6mm² single core + 1x2.5 mm² ecc. Each circuit to have its independent neutral and earth from DB'S
3	The conduit shall have a minimum covering of 20 mm of concrete /tiles, etc,
4	Inspection box, pull box, junction box, etc. shall be provided where necessary to pull the wire conveniently.
5	All back boxes shall be of 16 swg sheet steel epoxy painted with provision for earth connection.
6	For exact location of lighting fixtures refer to architectural drawings.
7	All conduits run above false ceiling shall be labelled / imprinted with the names of respective services.
8	Contractor must coordinate with other trade drawings do not scale the drawings
9	The electrical resistance of ecc together with earth lead and electrode should not exceed ten ohm. if it exceeds, the contractor shall obtained.
10	Instruction from consultant for any changes.



MAXIMUM CONDUIT CAPACITY FOR TELEPHONE CABLE SHALL BE AS FOLLOWS:-

CONDUIT \ CABLES	2p	5p	7p	10p	15p	20p	25p	30p	50p
20mm DIA	4	2	1	-	-	-	-	-	-
25mm DIA	7	3	2	1	1	1	1	1	-
32mm DIA	14	5	3	3	3	2	2	1	-
38mm DIA	18	6	6	4	4	3	2	2	1
50mm DIA	-	-	-	6	6	4	4	3	1

MAXIMUM CONDUIT CAPACITY FOR PVC CABLES SHALL BE AS FOLLOWS:

CONDUIT \ CABLES(mm)	1.5	2.5	4.0	6.0	10	16	25
20mm DIA	8	6	4	3	2	-	-
25mm DIA	18	11	8	6	4	3	2
32mm DIA	26	17	13	10	6	4	3

UTILITY SYMBOL

TD	TECHNOLOGY BOX# 01	1 NOS 10A POWER SOCKET 1 NOS 10A POWER SOCKET 1 NOS DATA SOCKET 1 NOS TELE SOCKET
TDTV	TECHNOLOGY BOX# 02	1 NOS 10A POWER SOCKET 1 NOS 10A POWER SOCKET 1 NOS DATA SOCKET 1 NOS TV SOCKET
	5/10A SINGLE PHASE RAW POWER SOCKET	
	13A SINGLE PHASE UPS POWER SOCKET	
	15A SINGLE PHASE RAW POWER SOCKET	
D	DATA / INTERNET SOCKET WITH IO	
T	TELEPHONE SOCKET WITH IO	
F-B	FLOOR BOX	1 NOS 10A POWER SOCKET 1 NOS 10A POWER SOCKET 1 NOS DATA SOCKET 1 NOS TELEPHONE SOCKET
P-B	PULL BOX IN FLOOR OR WALL	
	THREE PHASE INDUSTRIAL SOCKET 5 PIN	
	SINGLE PHASE INDUSTRIAL SOCKET 3 PIN	
	POWER DISTRIBUTION BOARD	
	LIGHTING DISTRIBUTION BOARD	
	UPS DISTRIBUTION BOARD	
	MOTOR CONTROL CENTER	
1 TON SPLIT AC	WALL MOUNTED SPLIT AC	

DRAWING LIST

S#	DWG#	TITLE	REMARKS
1	ELEC-01	GENERAL NOTE, LEGENDS & DRAWING LIST	
2	ELEC-02	LIGHTING LAYOUT PLAN	
3	ELEC-03	FIRE ALARM & CCTV SYSTEM LAYOUT PLAN	
4	ELEC-04	UTILITY LAYOUT PLAN	
5	ELEC-05	POWER SINGLE LINE DIAGRAM	
6	ELEC-06	FIRE ALARM SYSTEM FLOW DIAGRAM	
7	ELEC-07	DATA, TELECOM & CCTV SYSTEM FLOW DIAGRAM	
8	ELEC-08		
9			
10			

LIGHT FIXTURE

TYPE A		DOWN LIGHT 15W LED WITH ROUND SHAPE
TYPE B		DOWN LIGHT 10W LED WITH ROUND SHAPE
TYPE C		SMART 2'X2' LED PANEL 40W
TYPE D		SMART 1'X1' LED PANEL 20W
TYPE E		HANGING LIGHT
TYPE F		BETTEN LIGHT
TYPE G		LED STRIP LIGHT

GANG SWTICHES

G1	ONE GANG SWITCH SHEET WITH BACK BOX
G2	TWO GANG SWITCH SHEET WITH BACK BOX
G3	THREE GANG SWITCH SHEET WITH BACK BOX
G4	THREE GANG SWITCH SHEET WITH BACK BOX
G5	FOUR GANG SWITCH SHEET WITH BACK BOX
	LIGHT & POWER WIRING IN CONDUIT OR CHANNEL

SMALL POWER SYMBOL

FAP	FIRE ALARM CONTROL PANEL
	FIRE ALARM SMOKE DETECTOR
	FIRE ALARM HEAT DETECTOR
	FIRE ALARM STROBE LIGHT WITH SIREN
	FIRE ALARM CALL POINT BUTTON
	FIRE ALARM BEAM RECEIVER
	FIRE ALARM BEAM SENDER
	FIRE ALARM CABLE (2 HR FIRE RATED) IN MS CONDUIT
DVR NVR	CCTV SYSTEM DIGTAL / NETWORK VIDEO RECORDER
	CCTV SYSTEM DOME CAMERA
	CCTV SYSTEM FIXED CAMERA
	CCTV SYSTEM CABLES
PAP	PUBLIC ADDRESS CENTRAL PANEL
	PA SYSTEM CEILING MOUNTED SPEAKER
	PA SYSTEM WALL MOUNTED SPEAKER
	PA SYSTEM CABLE LAID IN PIPE OR CABLE TRAY
EXIT ENTER	EMERGENCY LIGHTS
	WIFI ACCESS POINT / ROUTER

CLIENT: TRADING CORPORATION OF PAKISTAN

CONSULTANT: LOGIX

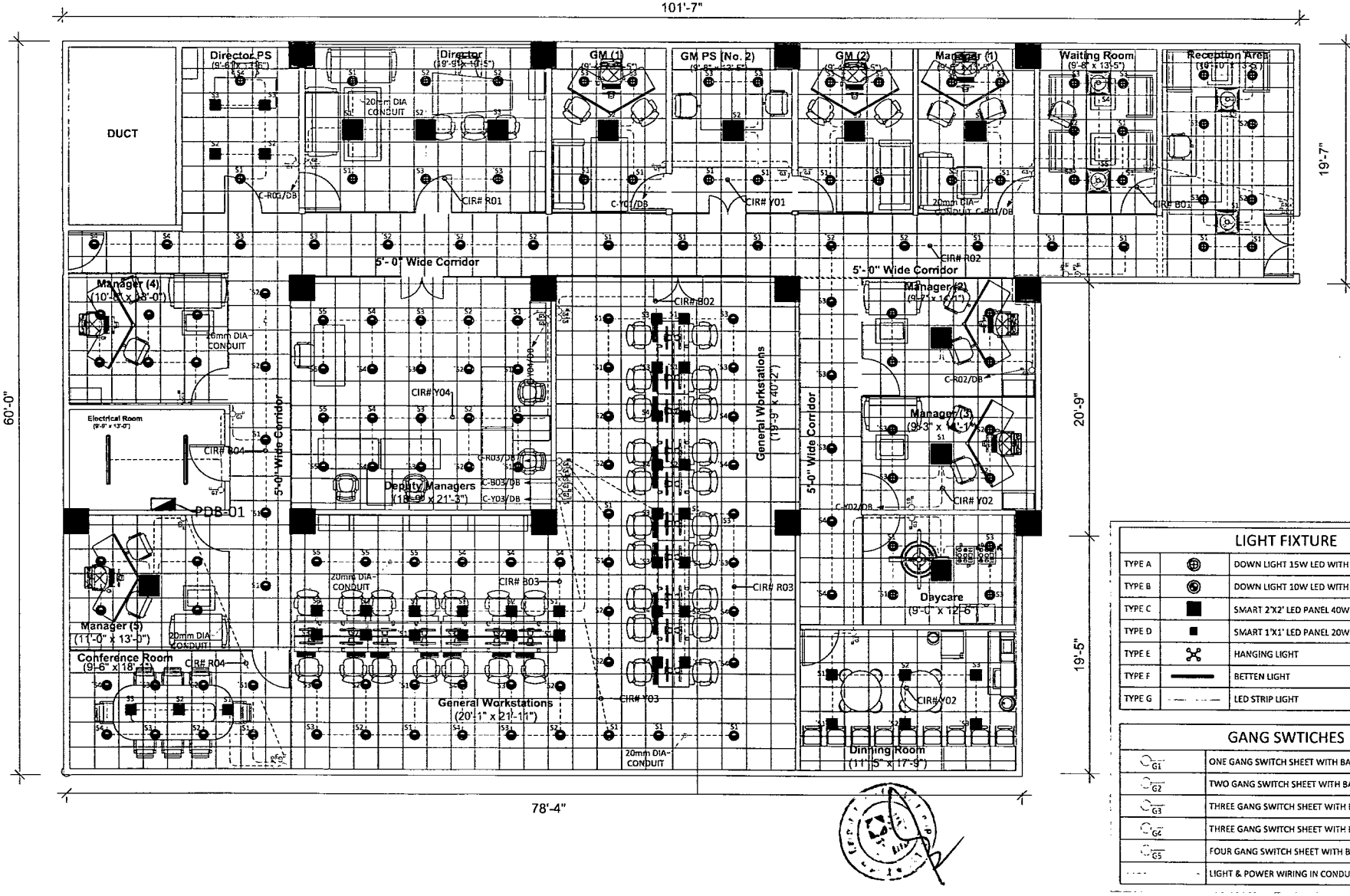
PROJECT: PROPOSED ELECTRICAL DESIGN NEW OFFICE AT 8TH FLOOR

DRAWING TITLE: GENERAL NOTE, LEGENDS & DRAWING LIST

DRAWING: ELECTRICAL DESIGN DRAWING

JOB #:	DEA-23/A-TOP#20
DATE:	APR. 2023
SCALE:	N.T.S
PAPER:	A2 SIZE
DWG #:	ELEC-01
DRAWN:	M.FAHEEM
CHECK:	AZ

REV NO.	SIGN	AMMENDMENT	DATE
A	AZ	CONCEPTUAL DRAWING FOR APPROVAL	APR-2023



LIGHT FIXTURE		
TYPE A		DOWN LIGHT 15W LED WITH ROUND SHAPE
TYPE B		DOWN LIGHT 10W LED WITH ROUND SHAPE
TYPE C		SMART 2'X2' LED PANEL 40W
TYPE D		SMART 1'X1' LED PANEL 20W
TYPE E		HANGING LIGHT
TYPE F		BETTEN LIGHT
TYPE G		LED STRIP LIGHT

GANG SWTICHES	
G1	ONE GANG SWITCH SHEET WITH BACK BOX
G2	TWO GANG SWITCH SHEET WITH BACK BOX
G3	THREE GANG SWITCH SHEET WITH BACK BOX
G4	THREE GANG SWITCH SHEET WITH BACK BOX
G5	FOUR GANG SWITCH SHEET WITH BACK BOX
	LIGHT & POWER WIRING IN CONDUIT OR CHANNEL

CLIENT:
TRADING CORPORATION OF PAKISTAN

CONSULTANT:
LOGIX

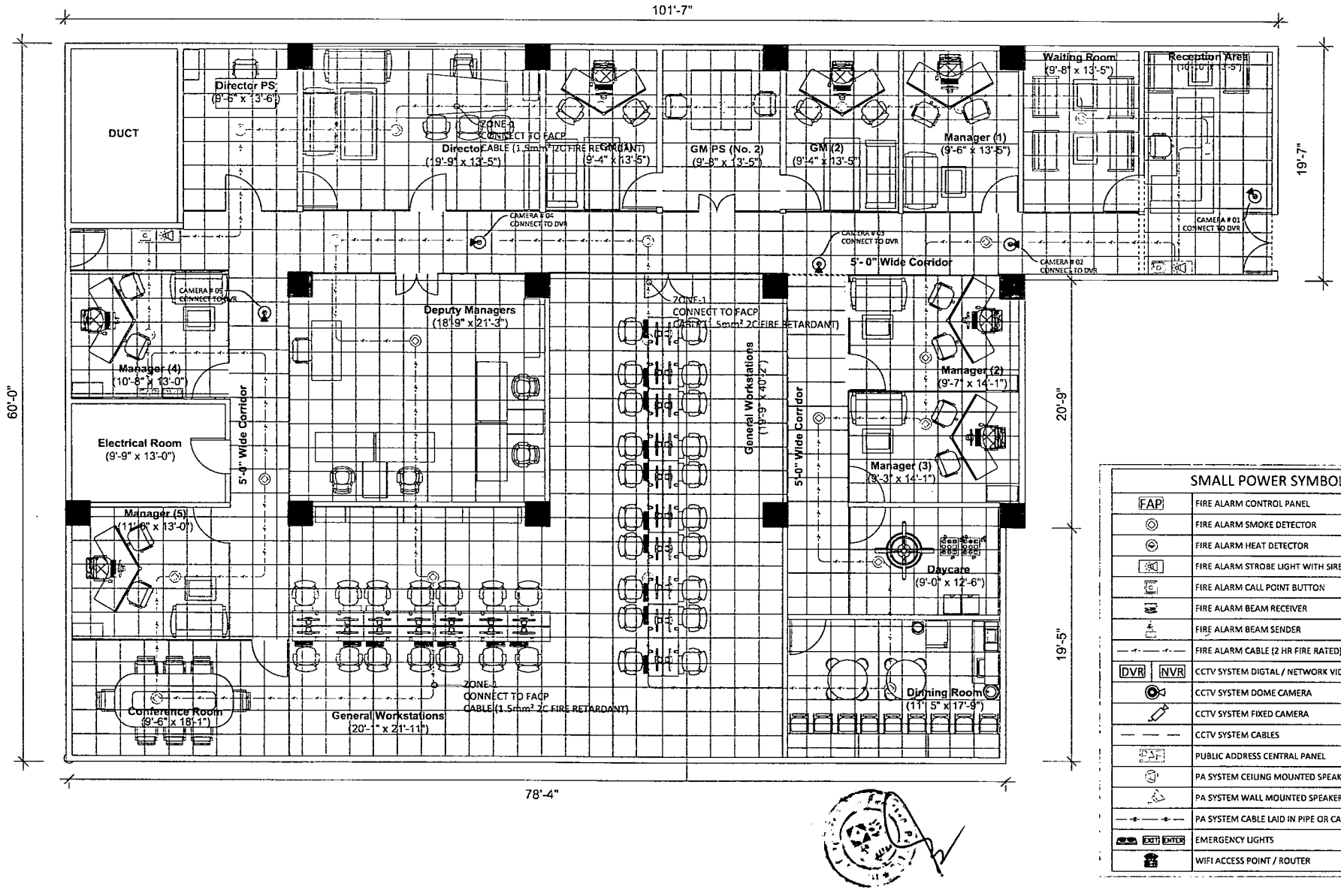
PROJECT:
PROPOSED ELECTRICAL DESIGN
NEW OFFICE
AT 8TH FLOOR

DRAWING TITLE:
LIGHTING LAYOUT PLAN

DRAWING:
ELECTRICAL DESIGN DRAWING

JOB #: DEA-23/1-TCP#20
DATE: APR- 2023
SCALE: 1/8" = 1'-0"
PAPER: A3 SIZE
DWG #: ELEC-02
DRAWN: M.FAHEEM
CHECK: AZ

REV.NO	SIGN	AMMENDMENT	DATE
A	AZ	CONCEPTUAL DRAWING FOR APPROVAL	APR 2023



SMALL POWER SYMBOL	
FAP	FIRE ALARM CONTROL PANEL
	FIRE ALARM SMOKE DETECTOR
	FIRE ALARM HEAT DETECTOR
	FIRE ALARM STROBE LIGHT WITH SIREN
C	FIRE ALARM CALL POINT BUTTON
	FIRE ALARM BEAM RECEIVER
	FIRE ALARM BEAM SENDER
	FIRE ALARM CABLE (2 HR FIRE RATED) IN MS CONDUIT
DVR NVR	CCTV SYSTEM DIGTAL / NETWORK VIDEO RECORDER
	CCTV SYSTEM DOME CAMERA
	CCTV SYSTEM FIXED CAMERA
	CCTV SYSTEM CABLES
PAF	PUBLIC ADDRESS CENTRAL PANEL
	PA SYSTEM CEILING MOUNTED SPEAKER
	PA SYSTEM WALL MOUNTED SPEAKER
	PA SYSTEM CABLE LAID IN PIPE OR CABLE TRAY
EXIT ENTER	EMERGENCY LIGHTS
	WIFI ACCESS POINT / ROUTER

CLIENT:
TRADING CORPORATION OF PAKISTAN

CONSULTANT:
LOGIX

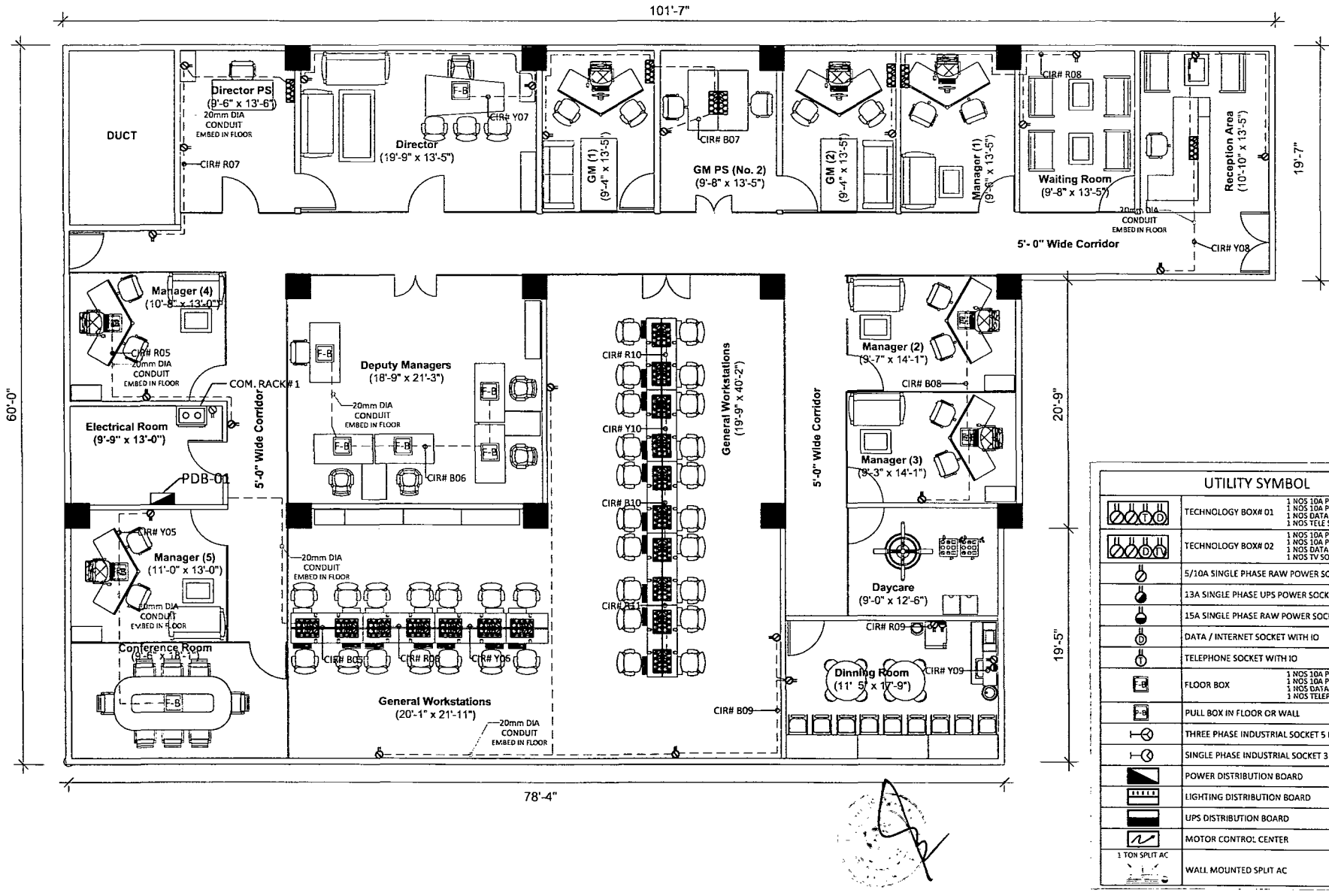
PROJECT:
PROPOSED ELECTRICAL DESIGN
NEW OFFICE
AT 8TH FLOOR

DRAWING TITLE:
FIRE ALARM & CCTV SYSTEM LAYOUT PLAN

DRAWING:
ELECTRICAL DESIGN DRAWING

JOB #:	DEA-23/L-TCP#20
DATE:	APR- 2023
SCALE:	1/8" = 1'-0"
PAPER:	A3 SIZE
DWG #:	ELEC-03
DRAWN:	M.FAHEEM
CHECK:	AZ

REV.NO.	SIGN	AMMENDMENT	DATE
A	AZ	CONCEPTUAL DRAWING FOR APPROVAL	APR-20,3



UTILITY SYMBOL		
T D	TECHNOLOGY BOX# 01	1 NOS 10A POWER SOCKET 1 NOS 10A POWER SOCKET 1 NOS DATA SOCKET 1 NOS TELE SOCKET
D D TV	TECHNOLOGY BOX# 02	1 NOS 10A POWER SOCKET 1 NOS 10A POWER SOCKET 1 NOS DATA SOCKET 1 NOS TV SOCKET
	5/10A SINGLE PHASE RAW POWER SOCKET	
	13A SINGLE PHASE UPS POWER SOCKET	
	15A SINGLE PHASE RAW POWER SOCKET	
D	DATA / INTERNET SOCKET WITH IO	
T	TELEPHONE SOCKET WITH IO	
F-B	FLOOR BOX	1 NOS 10A POWER SOCKET 1 NOS 10A POWER SOCKET 1 NOS DATA SOCKET 1 NOS TELEPHONE SOCKET
P-B	PULL BOX IN FLOOR OR WALL	
	THREE PHASE INDUSTRIAL SOCKET 5 PIN	
	SINGLE PHASE INDUSTRIAL SOCKET 3 PIN	
	POWER DISTRIBUTION BOARD	
	LIGHTING DISTRIBUTION BOARD	
	UPS DISTRIBUTION BOARD	
	MOTOR CONTROL CENTER	
1 TON SPLIT AC	WALL MOUNTED SPLIT AC	

CLIENT:
TRADING CORPORATION OF PAKISTAN

CONSULTANT:
LOGIX

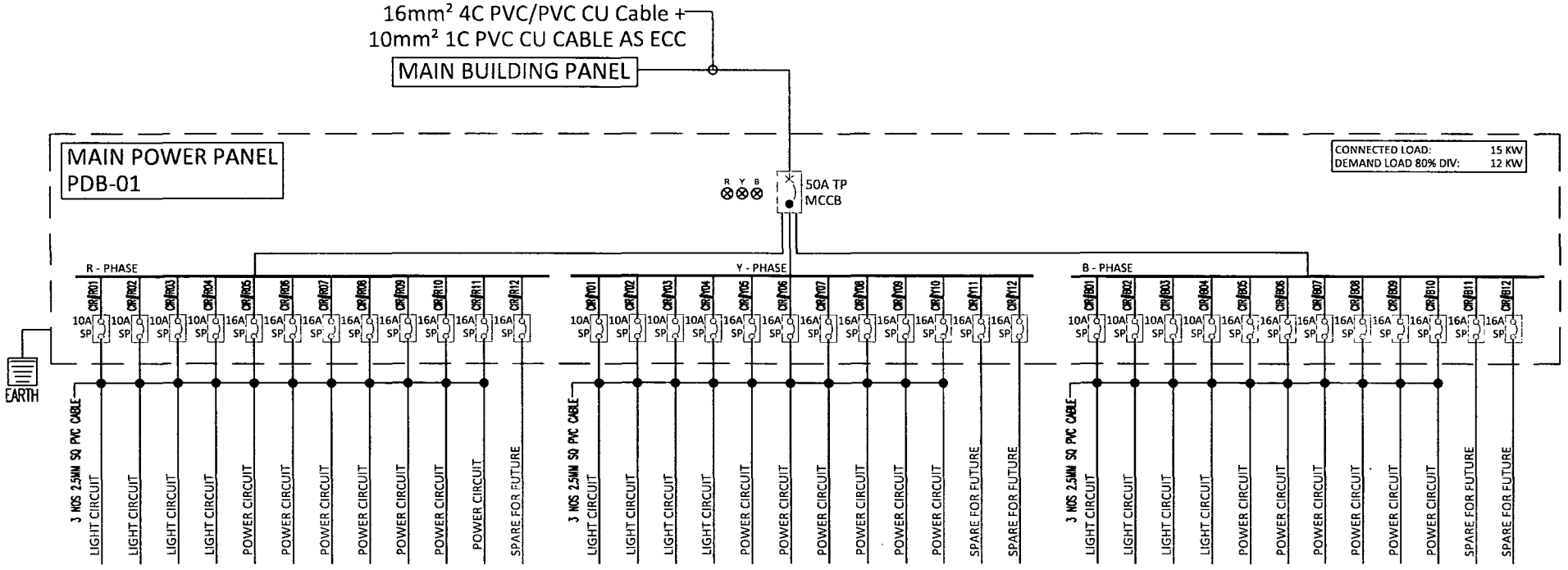
PROJECT:
PROPOSED ELECTRICAL DESIGN
NEW OFFICE
AT 8TH FLOOR

DRAWING TITLE:
UTILITY LAYOUT PLAN

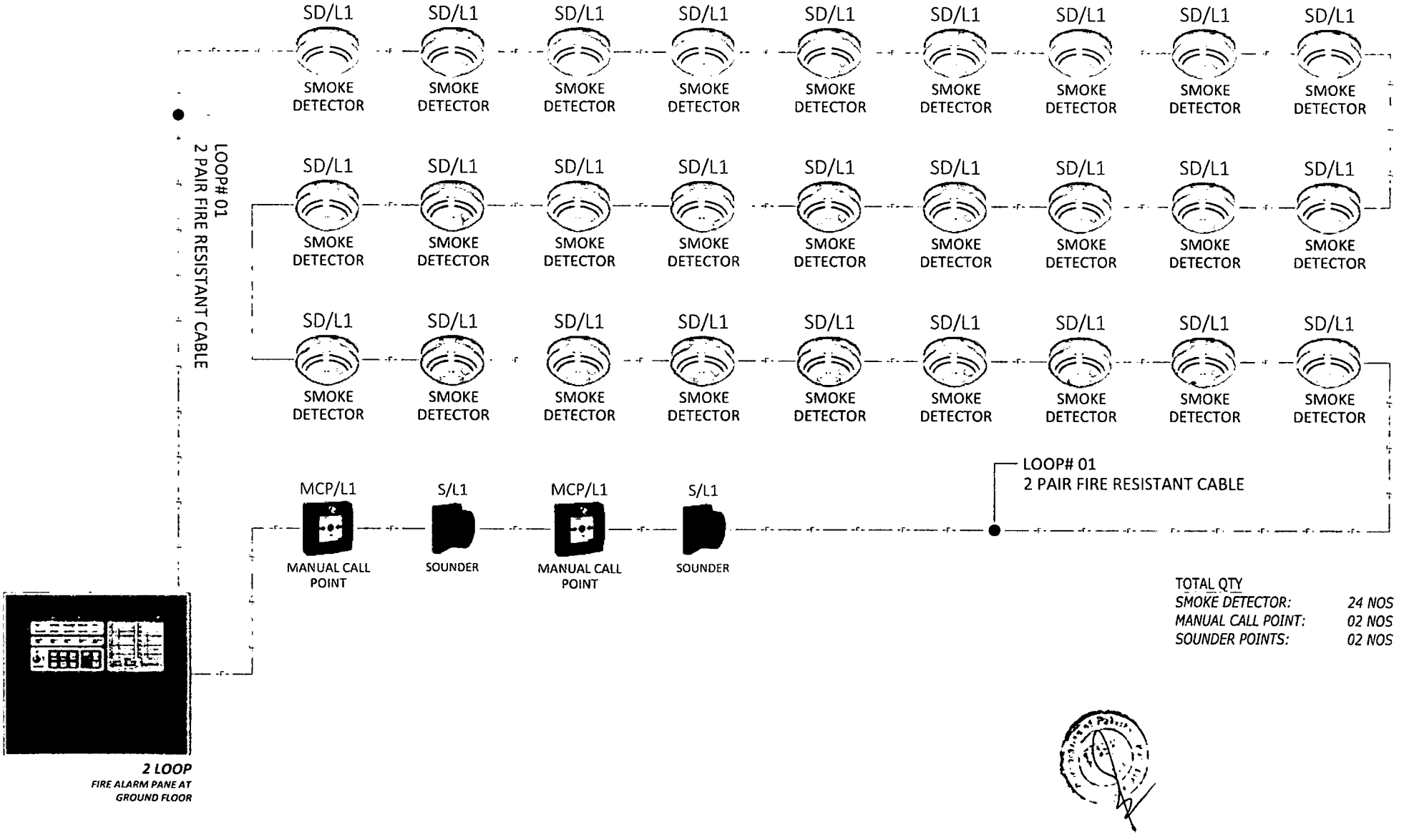
DRAWING:
ELECTRICAL DESIGN DRAWING

JOB #:	DEA-23/L-TCP#20
DATE:	APR. 2023
SCALE:	1/8" = 1'-0"
PAPER:	A3 SIZE
DWG #:	ELEC-04
DRAWN:	M.FAHEEM
CHECK:	AZ

REV.NO.	SIGN	AMENDMENT	DATE
A	AZ	CONCEPTUAL DRAWING FOR APPROVAL	APR-2023



CLIENT: TRADING CORPORATION OF PAKISTAN	CONSULTANT: LOGIX	PROJECT: PROPOSED ELECTRICAL DESIGN NEW OFFICE AT 8TH FLOOR	DRAWING TITLE: UTILITY LAYOUT PLAN	JOB #: DEA-23/1-TCP#20	
				DATE: APR-2023	
				SCALE: N.T.S	
				PAPER: A3 SIZE	
				DWG #: ELEC-05	
			DRAWING: ELECTRICAL DESIGN DRAWING	DRAWN: M.FAHEEM	A / AZ / CONCEPTUAL DRAWING FOR APPROVAL / APR-2023
				CHECK: AZ	REV.NO. / SIGN / AMMENDMENT / DATE



TOTAL QTY

SMOKE DETECTOR:	*24 NOS*
MANUAL CALL POINT:	*02 NOS*
SOUNDER POINTS:	*02 NOS*

CLIENT: TRADING CORPORATION OF PAKISTAN

CONSULTANT: LOGIX

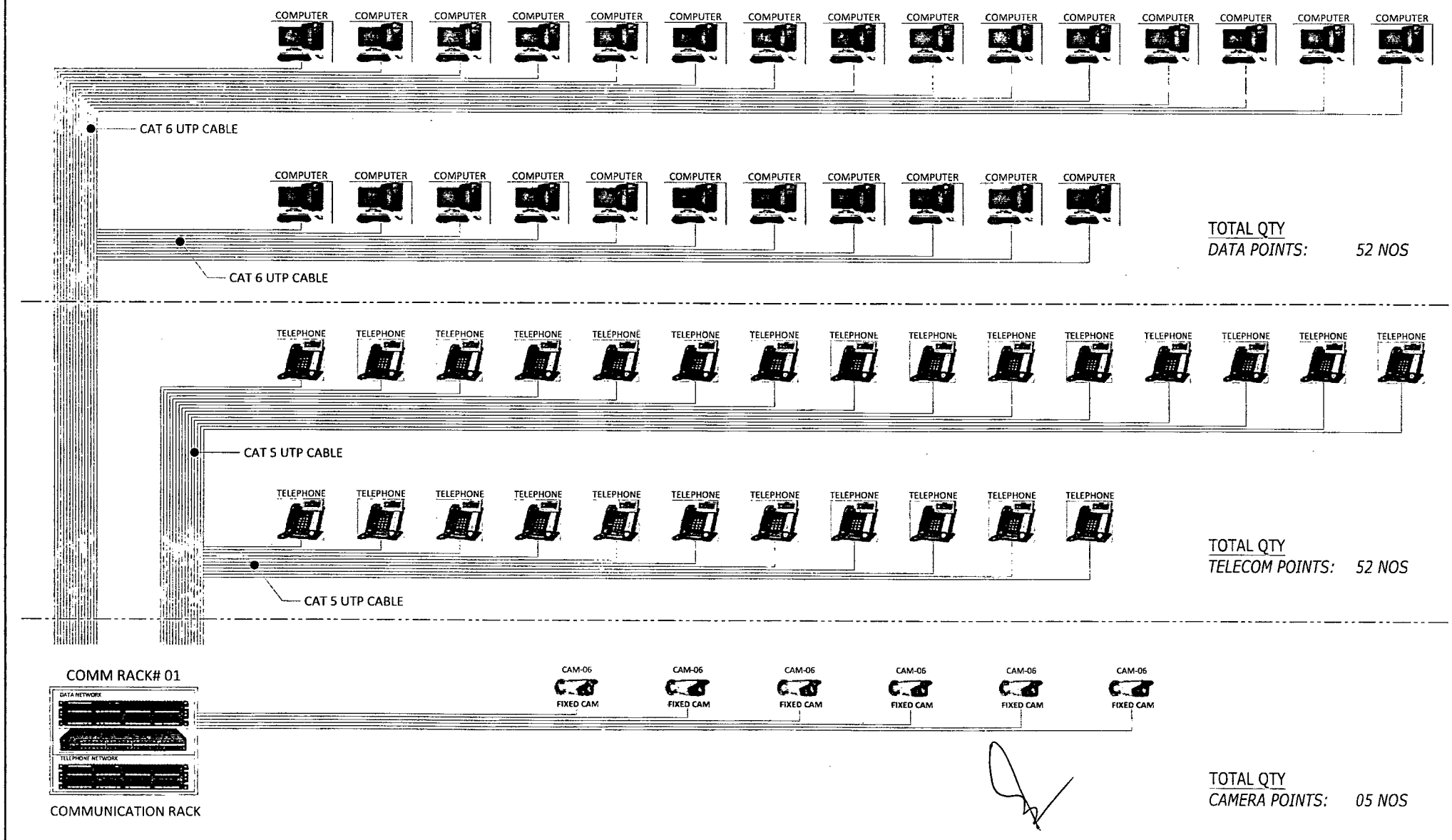
PROJECT: PROPOSED ELECTRICAL DESIGN NEW OFFICE AT 8TH FLOOR

DRAWING TITLE: FIRE ALARM SYSTEM FLOW DIAGRAM

DRAWING: ELECTRICAL DESIGN DRAWING

JOB # DEA-33A TOM30
DATE APR-2023
SCALE N T S
PAPER # A3 SIZE
DWG # ELEC-06
DRAWN M FAHEEM | A | AZ
CHECK AZ | REVISION | SIGN

CONCEPTUAL DRAWING FOR APPROVAL APR 2023
AMENDMENT DATE



CLIENT:
TRADING CORPORATION OF PAKISTAN

CONSULTANT:
LOGIX

PROJECT:
PROPOSED ELECTRICAL DESIGN
NEW OFFICE
AT 8TH FLOOR

DRAWING TITLE:
DATA, TELECOM & CCTV SYSTEM FLOW DIAGRAM

DRAWING:
ELECTRICAL DESIGN DRAWING

JOB #:	DEA-23/1-ICP#20
DATE:	APR-2023
SCALE:	N.T.S
PAPER:	A3 SIZE
DWG #:	ELEC-07
DRAWN:	M.FAHEEM
CHECK:	AZ

REV.NO.	SIGN	AMMENDMENT	DATE
A	AZ	CONCEPTUAL DRAWING FOR APPROVAL	APR-2023