

Standard Bidding Document

TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK, MURREE ROAD, ISLAMABAD (Works)

National

Single Stage-Two Envelope



July 28, 2026

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REQUEST FOR BIDS

PROCUREMENT OF CIVIL WORKS

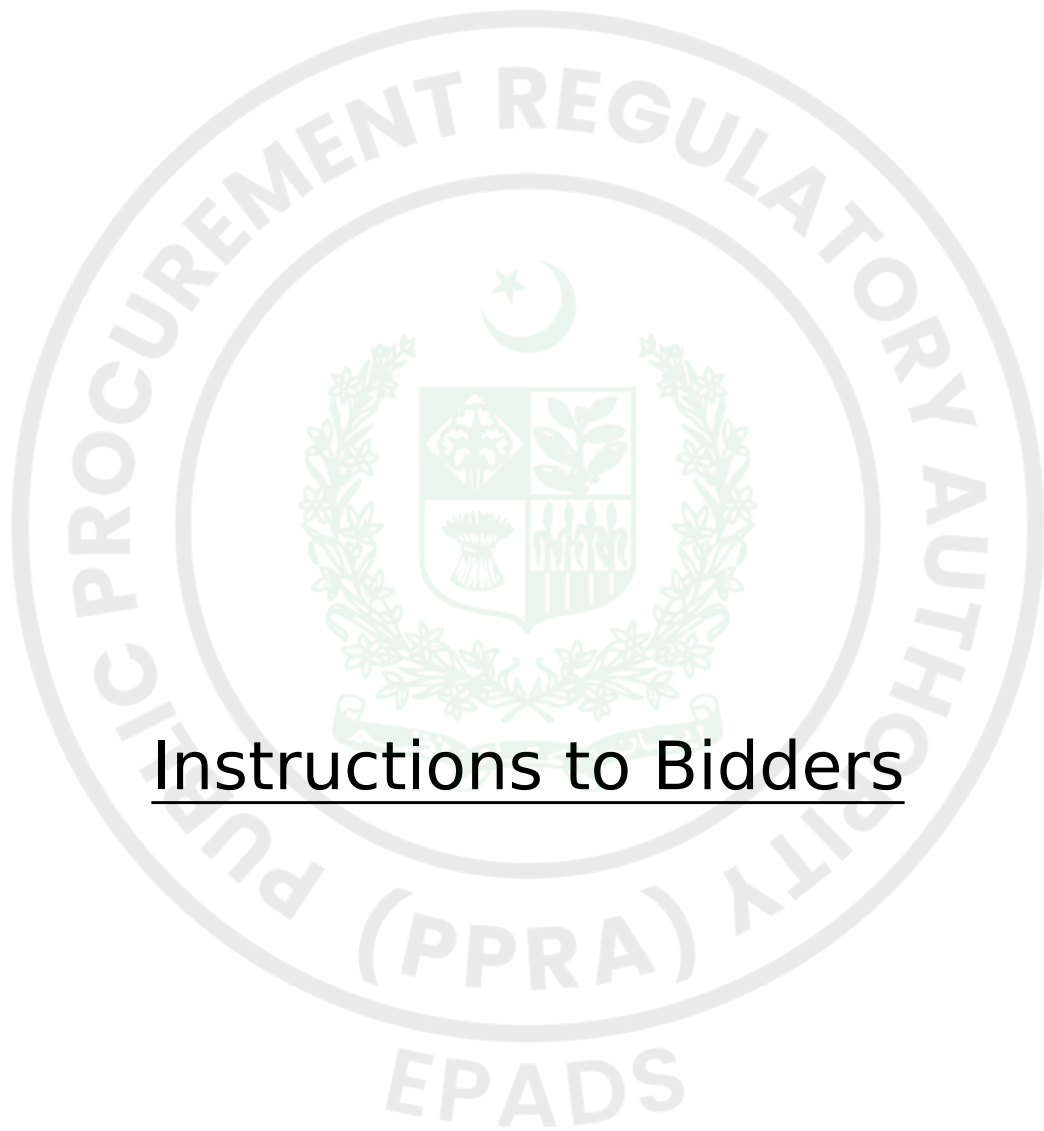
1. The **Procurement and Contract (Capital Development Authority (CDA))** has reserved Funds for the procurement planned for FY **2026-27**. The **Procurement and Contract (Capital Development Authority (CDA))** intends to apply part of the proceeds of this Fund to cover eligible payments under the contract for the "**TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK, MURREE ROAD, ISLAMABAD**" with the reference of "**P69389**".
2. The **Procurement and Contract (Capital Development Authority (CDA))** invites electronic Bids from eligible Bidders for procurement of Works (**TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK, MURREE ROAD, ISLAMABAD**) described in the bidding documents on **EPADS v2.0**.
3. **Single Stage-Two Envelope** will be used by adopting **Least Cost Based Selection (LCBS)** Technique for the subject procurement, in line with the Public Procurement Rules, 2004 and any Regulations, Regulatory Guides, Procurement Guidelines or Instructions issued by the Authority from time to time.
4. All Bids must be accompanied by a Bid Security amounting described in Bid Security Section in Bidding Document in the form of **Pay Order, Call at Deposit**. Or all bids must be accompanied by bid securing declaration in the format specified in the Bidding documents
5. E-Bidding documents, containing detailed terms & conditions, specifications and requirements etc. are available on **e-Pak Acquisition and Disposal System (EPADS)** at **<https://epads.gov.pk/opportunities/federal/procurements/69389>** for all the interested bidders registered on **EPADS v2.0**. Bidders are required to get themselves registered on **EPADS v2.0** to participate in Bidding process.
6. The e-bids, prepared in accordance with the instructions in the e-Bidding documents, must be submitted through **EPADS v2.0** on or before **Wednesday, August 12, 2026 11:30 AM**. E-bids will be opened by using

EPADS v2.0 on the same day at **Wednesday, August 12, 2026 12:00 PM**.

Manual submission of Bids shall not be entertained. Those vendor who have not yet registered on the new version of **EPADS v2.0**, may register themselves on <https://pa.epads.gov.pk/>. A tutorial to explain the registration process is available at <https://www.youtube.com/watch?v=MNW6T38v7tc>.

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

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Instructions to Bidders

A. INTRODUCTION

1. Scope of Bid

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

2. Source of Funds

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

3. Eligible Bidders

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

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

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

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

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

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

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

3.3.2. have controlling shareholders in common; or

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

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

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

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

3.4. A Bidder may be ineligible if –

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

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

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

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

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

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

4. Eligible Material and Equipment

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

B. BIDDING DOCUMENTS

5. Contents of Bidding Documents

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

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

- i. Section I -Invitation for Bids
- ii. Section II Instructions to Bidders (ITBs)
- iii. Section III Bid Data Sheet (BDS)
- iv. Section IV Eligible Countries
- v. Section V Evaluation and Qualification Criteria
- vi. Section VI Works Requirements Technical Specifications & Schedule of Requirements
- vii. Section VII Standard Bidding Forms
- viii. Section VIII General Conditions of Contract (GCC)
- ix. Section IX Particular Conditions of Contract (PCC)
- x. Section X Contract Forms

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

6. Clarification of Bidding Document, Pre-bid Meeting

6.1. A prospective bidder requiring any clarification of the bidding document may notify the Procuring agency/Employer through **EPADS v2.0**.

6.2. The Procuring agency/Employer shall respond to the request for clarification in accordance with the Public Procurement Rules 2004, Rule No.31 i.e. **Clarification of bids**.

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

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

6.5. Minutes of the pre-bid meeting, if applicable, including the text of the questions asked by bidders, including those during the meeting (without identifying the source) and the responses given, together with any responses prepared after the meeting will be uploaded on **EPADS v2.0**. Any modification to the bidding documents that may become necessary as a result of the pre-bid meeting shall be made by the Procuring agency/Employer exclusively through the use of an Addendum pursuant to **ITB 7**. Non-attendance at the pre-bid meeting will not be a cause for disqualification of a bidder.

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

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

7. Amendment of Bidding Documents

7.1. The procuring agency may issue notification of any change, addition, modification or deletion in accordance with the PP Rules 2004, rule no. 23 i.e. **Bidding Documents**.

7.2. To give prospective bidders reasonable time in which to take an addendum/corrigendum into account in preparing their bids, the Procuring

agency/Employer may, at its discretion, extend the deadline for the submission of bids:

*Provided that the Procuring agency/Employer shall extend the deadline for submission of bid in pursuance of PP Rules 2004, rule no. 27 i.e. **Extension of time for submission of bids**, if such an addendum is issued within last three (03) days of the bid submission deadline.*

C. PREPARATION OF BIDS

8. Language of Bid

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

9. Documents Constituting the Bids

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

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

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

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

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

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

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

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

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

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

10.1.8. Any other document required in the **BDS**.

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

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

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

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

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

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

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

11. Documents Establishing Eligibility and Qualification of the Bidder

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

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

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

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

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

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

12. **Forms of Bid**

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

13. **Bid Prices**

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

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

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

Provided that:

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

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

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

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

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

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

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

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

14. Currencies of Bid and Payment

14.1. Prices shall be quoted in Pakistani Rupees unless otherwise specified in the **BDS**. Comparison of bids and tie of bid shall be treated in accordance with the PP rules 2004, rule no. 30.

15. Documents Comprising the Technical Proposal

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

16. Bid Validity Period

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

16.2. Under exceptional circumstances, prior to the expiration of the initial Bids/Bid validity period, the Procuring Agency may request the Bidders' consent to an extension of the period of validity of their Bids/Bid. Such request for extension of the period of bid validity shall be carried out in accordance with the PP rules 2004, rule no. 26 i.e. Bid Validity.

17. Bid Security or Bid Securing Declaration

17.1. Pursuant to ITB 11.1 unless otherwise specified in the BDS, the bidder shall furnish as part of its bid, a Bid Security in accordance with the PP Rules 2004, rule no. 25 in the amount and currency specified in the BDS or Bid Securing Declaration as specified in the BDS in the format provided in Section VII (Standard Bidding Forms).

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

Until the development of functionality of auto verification of financial instrument in **EPADS v2.0**, the scanned copy of bid security or bid securing declaration, as the case may be, shall be uploaded on **EPADS v2.0** whereas the original instrument to be submitted to the procuring agency before closing of bid submission deadline,

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

17.2.1. A bank guarantee, an irrevocable letter of credit issued by a Scheduled bank in the form provided in the Bidding Documents or another form acceptable to the Procuring agency/Employer and valid for twenty-

eight (28) days beyond the end of the validity of the Bid. This shall also apply if the period for Bid Validity is extended. In either case, the form must include the complete name of the bidder;

17.2.2. A cashier's or certified cheque; or

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

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

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

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

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

17.6.1. The expiry of the Bid Security;

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

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

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

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

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

if a Bidder:

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

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

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

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

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

18. Withdrawal of Bids

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

19. Format and Signing of Bid

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

D. SUBMISSION OF BIDS

20. Submission of Bids

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

21. Deadline for Submission of Bids

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

21.2. The Procuring agency/Employer may, under exceptional circumstances and at its discretion, extend the deadline for the submission of bids, pursuant to PP Rules 2025, rule no.39 Extension of Time for submission of bid, by amending the Bidding Documents in accordance with ITB 7, in which case all rights and obligations of the Procuring agency/Employer and bidders previously subject to the deadline will thereafter be subject to the new deadline.

22. Substitution and Modification of bids

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

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

E. OPENING AND EVALUATION OF BIDS

23. Opening of Bids

23.1. The Procuring Agency will open bids in accordance with the PP rules 2004, rule no 28 and as specified in the **BDS**.

24. Confidentiality

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

25. Clarification of Bids

25.1. Clarification of Bidding Documents shall be carried out in accordance with the PP Rules 2025, rule no 38 i.e. Clarifications.

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

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

26. Preliminary Examination of Bids

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

26.1.1. meets the eligibility criteria defined in ITB 3 and ITB 4;

26.1.2. has been prepared as per the format and contents defined by the Procuring agency/Employer in the bidding documents;

26.1.3. has been properly signed;

26.1.4. is accompanied by the required securities; and

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

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

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

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

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

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

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

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

Explanation: A minor informality, non-conformity or irregularity is one that is merely a matter of form and not of substance. It also pertains to some

immaterial defect in a Bid or variation of a bid from the exact requirements of the invitation that can be corrected or waived without being prejudicial to other bidders. The defect or variation is immaterial when the effect on quantity, quality, or delivery is negligible when contrasted with the total cost or scope of the works. The Procuring agency/Employer either shall give the bidder an opportunity to cure any deficiency resulting from a minor informality or irregularity in a bid or waive the deficiency, whichever is advantageous to the Procuring agency/Employer. Examples of minor informalities or irregularities include failure of a bidder to –

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

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

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

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

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

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

complete technical responsiveness.

27. Examination of Terms and Conditions; Technical Evaluation

27.1. The Procuring agency/Employer shall examine the bid to confirm that all terms and conditions specified in the GCC and the PCC have been accepted by the bidder without any material deviation or reservation.

For this purpose:

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

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

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

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

28. Correction of Arithmetic Errors

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

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

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

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

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

28.2. The amount stated in the Bid will, be rectified by the Procuring agency/Employer in accordance with the above procedure for the correction of errors and, with, the concurrence of the bidder, shall be considered as binding upon the bidder. If the bidder does not accept the corrected amount, its bid shall be rejected after forfeiture of Bid Security or execution of the Bid Securing Declaration, as the case may be, in accordance with ITB 41.3.

29. Conversion to Single Currency

29.1. The unit rates and the prices shall be quoted by the bidder entirely in Pak rupees. A bidder expecting to incur expenditures in other currencies for inputs to the Works from outside the Procuring agency/Employer's country (referred to as the "Foreign Currency Requirements") shall indicate the same in the letter of bid-financial proposal. The proportion of the Bid Price (excluding Provisional Sums) needed by him for the payment of such Foreign Currency Requirements either (i) entirely in the currency of the Bidder's home country or, (ii) at the bidder's option, entirely in Pak rupees provided always that a bidder expecting to incur expenditures in a currency or currencies other than those stated in (i) and (ii) above for a portion of the foreign currency requirements, and wishing to be paid accordingly, shall indicate the respective portions in his bid. Comparison of bids quoted in different currencies and conversion of bids into a single currency shall be carried out in accordance with the PP Rule 2004, rule no. 30 (2).

30. Evaluation of Bids

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

30.2. In evaluating the Technical Proposal of each Bid, the Procuring agency/Employer shall use the criteria and methodologies listed in the BDS and in terms of works requirement. No other evaluation criteria or methodologies shall be permitted.

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

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

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

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

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

30.6. If the bid, which results in the Evaluated Bid Price (Successful Bid), is seriously unbalanced or front loaded in the opinion of the Employer, the Employer may require the Bidder to produce detailed price analyses for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, taking into consideration the schedule of estimated Contract payments, the Employer may require that the amount of the performance security be increased at the expense of the Bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful Bidder under the Contract.

Explanation:

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

31. Domestic Preference

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

32. Determination of Successful Bid

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

33. Qualification of Bidder

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

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

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

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

34. Sub-Contractors

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

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

35. Abnormally Low Financial Bid

35.1. A procuring Agency may reject abnormally low bids in accordance with the PP Rules 2025 rule no. 43. The decision of the Procuring agency/Employer to reject a bid and reasons for the decision shall be recorded in the procurement proceedings and promptly communicated to the bidder concerned. Moreover, the Procuring agency/Employer shall not incur any liability solely by rejecting abnormally bid

Guidance for Procuring agency/Employer:

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

35.1.1. Comparing the bid price with the cost estimate;

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

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

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

35.3. The determination will take into account the bidder's financial and technical capabilities. It will be based upon an examination of the

documentary evidence of the bidder's qualifications submitted by the bidder, pursuant to ITB 11, as well as such other information as the Procuring agency/Employer deems necessary and appropriate. Factors not included in these bidding documents shall not be used in the evaluation of the bidders' qualifications.

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

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

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

F. AWARD OF CONTRACT

36. Criteria of Award

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

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

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

36.1.3. Successful negotiations have been concluded, if any.

37. Negotiations

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

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

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

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

37.1.4. finalizing payment arrangements;

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

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

38. Procuring agency/Employer's Right to reject All Bids

38.1. The procuring agency has the right to reject all bids in accordance with the PP Rules 2025 rule no. 45. However, the Authority (i.e. PPRA) may call from the Procuring agency/Employer the justification of those grounds.

39. Notification of Award

39.1. The procuring agency shall announce and publish the evaluation result in accordance with the PP Rules 2004, rule no. 40.

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

will specify the sum that the Procuring agency/Employer will pay the successful bidder in consideration for the execution and completion of the works as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price).

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

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

40. Signing of Contract

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

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

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

41. Performance Security (or Guarantee)

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

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

following:

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

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

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

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

Any Performance Guarantee submitted shall be enforceable in Pakistan.

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

42. Advance Payment

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

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

43. General Performance of the Bidders

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

44. Corrupt & Fraudulent Practices

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

G. GRIEVANCE REDRESSAL & COMPLAINT REVIEW MECHANISM

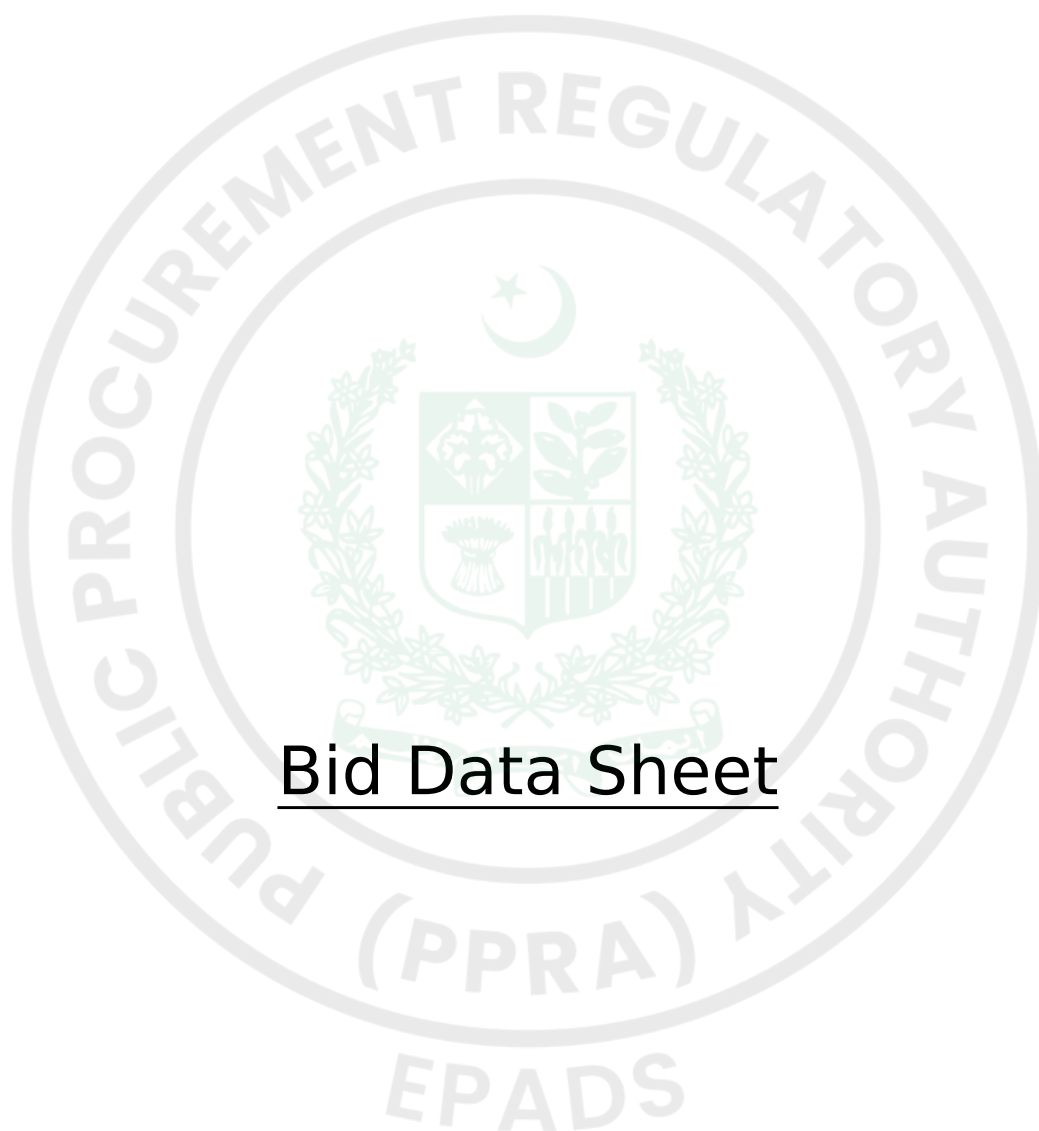
45. Grievance Redressal

45.1. Grievance Redressal shall be carried out in accordance with the PP Rules 2025, rule no. 65 i.e. Redressal of grievances by the procuring agency and "Redressal of Grievances Regulations 2021".

H. MECHANISM OF BLACKLISTING

46. Mechanism of Blacklisting

46.1. The Procuring agency/Employer shall proceed Blacklisting of Bidders/Contractors in accordance with PP Rules 2025, rule no.25 i.e. Blacklisting and "Blacklisting and Debarment of Bidders or Contractors Regulations 2024.



Bid Data Sheet

Bid Data Sheet (BDS)

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

A. Introduction

ITB Number

Amendments of, and Supplements to, Clauses in the Instruction to Bidders

ITB Number1.1

Name of Procuring agency/Employer: **Procurement and Contract (Capital Development Authority (CDA))**

The subject of procurement is: **TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK, MURREE ROAD, ISLAMABAD**

Period for completion of the works **90 Days**

Commencement date execution of the works: **14 Days**

Type of Procurement:**Local**

ITB Number2.1

Financial year for the operations of the Procuring agency/Employer: **2026-27**

Name of Project [insert: name and summary description of the Project if any]

Name of financing institution: [insert: name if any]

Name and identification number of the Contract: **P69389**

ITB Number3.1

JV/Consortium or Association Allowed: **Yes**

Maximum number of members in the joint venture shall be: **3**.

B. Bidding Documents

ITB Number6.4

The Bidders may seek clarifications through **EPADS v2.0: Last Clarification Date: Tuesday, August 4, 2026**

C. Preparation of Bids

ITB Number 8.1

The Language of all correspondences and documents related to the Bid is: **English**

ITB Number 5.1 & 9.1

The following documents must be included to constitute the Bid

No

ITB Number 9.4 (b)

Other procurement specific documentation requirements are:

PEC Valid Registration for the year 2026-27 in Category C-1 or above.

ITB Number 12.4

The Bid price will be/will not be subject to the price adjustment **Nil**.

ITB Number 12.6

The Bid price shall be adjusted in accordance with Schedule-A to Bid – “Schedule of Adjustment Data” if available.

ITB Number 13.1

Bidders to quote entirely in **Pak rupees (PKR)**

ITB Number 15.1

The Bid Validity period shall be **120 Days** days.

ITB Number 16.1

The amount of Bid Security shall be (insert amount)

The currency of the Bid Security shall be: **PKR**.

ITB Number 16.2

The Bid Security shall be in the form of: **Pay Order, Call at Deposit**

D. Submission of Bids

ITB Number19.1

The deadline for Bid submission is:**Wednesday, August 12, 2026 11:30 AM**

Address for submission of Original Bid Security:**Chairman Office, CDA, G-7/4., Islamabad Capital Territory**

ITB Number21.1

The Bid opening shall take place at:**EPADS v2.0**

Day : **Wednesday**

Date: **August 12, 2026**

Time : **12:00 PM**

ITB Number27.1

The currency that shall be used for Bid evaluation and comparison purposes to convert all Bid prices expressed in various currencies is: **PKR Only**

The source of exchange rate shall be: **Nil**

The date of exchange rate shall be: **Nil**

ITB Number28.2 &28.5

Least Cost Based Selection (LCBS)

see Evaluation Criteria

ITB Number29.1

Domestic preference to apply.

Domestic preference:**No**

Preference to domestic or national suppliers or contractors shall be provided in accordance with policies of the Federal Government and/or in accordance with the regulations issued by the Authority.

If Yes, The percentage for the domestic preference alongwith calculation formula is provided in the evaluation and qualification criteria.

ITB Number32.2

Sub-contracting is allowed? : **No**

No% of the total value of the contract.

39.1 The Performance Security (or guarantee) shall be **10.00%**

39.2 The Performance Security (or guarantee) shall be in the form of:**Bank Guarantee**

Eligibility Criteria

Bidder's Type	Required Registration
Sole Proprietorship Partnership Firm Company (Private Limited) Company (Public Limited) Company (Holding Company) Company (Limited by Guarantee) State Owned Enterprise (Private Limited) State Owned Enterprise (Public Limited)	NADRA CITIZENSHIP (CNIC/NICOP) FBR (NTN) FBR (GSTN) PEC

Eligibility Criteria	Document
The Contractor/Firm having valid registration for the year 2026-27 with Pakistan Engineering Council in Category C-1 or above with specialization codes CE-01, CE-02, ce-09, CE-10 & EE-11 are eligible to apply.	Yes

Evaluation Criteria

Least Cost Based Selection (LCBS)

Technical Marks	100
Passing Marks	70
WORKING EXPERIENCE	
Completed projects of similar nature i.e. Underpass/ Flyover. 70% of project work outlay within 120 Days' time period. Document Submission Requirement: The bidder must upload Completed attached Form for Contracts of Similar Nature and Complexity. The bidder must upload Project Award Letter, Work Orders or Contract Agreement & completion Certificates and other documents necessary for confirming scope of works. The bidder must upload joint venture agreement in case of projects is executed as a partner of joint venture clearly showing scope of works and percentage share of all partners of joint venture. To comply with the criteria, the share of bidder under the joint venture for similar works must be equal or exceeding the qualification criteria and requirement. Note: • The above indicated contracts must be of "public sector (i.e. government, semi government, autonomous bodies and authorities)" wherein role of the Bidder may be as sole contractor, partner in joint venture or as sub-contractor of the main contractor. • In case of contracts executed by the bidder in form of JV or subcontractor, the role of the bidder based on scope and financial share shall be considered to evaluate the criteria requirement. (Quantitative)(Doc Required) 02 Nos. Projects (20) 01 No. Project (10)	20

On going projects of similar nature i.e. Underpass/ Flyover. 70% of project work outlay within 120 Days' time period. Document Submission Requirement: The bidder must upload Completed attached Form for Contracts of Similar Nature and Complexity. The bidder must upload Project Award Letter, Work Orders or Contract Agreement & completion Certificates and other documents necessary for confirming scope of works. The bidder must upload joint venture agreement in case of projects is executed as a partner of joint venture clearly showing scope of works and percentage share of all partners of joint venture. To comply with the criteria, the share of bidder under the joint venture for similar works must be equal or exceeding the qualification criteria and requirement. Note: • The above indicated contracts must be of “public sector (i.e. government, semi government, autonomous bodies and authorities)” wherein role of the Bidder may be as sole contractor, partner in joint venture or as sub-contractor of the main contractor. • In case of contracts executed by the bidder in form of JV or subcontractor, the role of the bidder based on scope and financial share shall be considered to evaluate the criteria requirement. (Quantitative)(Doc Required) 02 Nos. Projects (20) 01 No. Project (10)	20
PERSONNEL CAPABILITIES	
01 Project Manager • BSc Civil Engineering • registration with PEC as Registered Engineer • At least 10years' of experience in execution of Infrastructure works The bidder must upload details of each personnel which shall be provided on specified format under Schedule-F to Bid of the Bidding Documents The bidder must upload Documentary evidence of relevant PEC registration and qualification (copy of Degree/ Diploma/Certificate) as deemed relevant (Quantitative)(Doc Required)	6
01 Site Engineer (Civil) • BSc Civil Engineering • registration with PEC as Registered Engineer • At least 5years' of experience in execution of Infrastructure works The bidder must upload details of each personnel which shall be provided on specified format under Schedule-F to Bid of the Bidding Documents The bidder must upload Documentary evidence of relevant PEC registration and qualification (copy of Degree/ Diploma/Certificate) as deemed relevant (Quantitative)(Doc Required)	5

01 Supervisor (Civil) • Diploma in Civil (DAE) • at least 5 years' experience in execution of Infrastructure works The bidder must upload details of each personnel which shall be provided on specified format under Schedule-F to Bid of the Bidding Documents The bidder must upload Documentary evidence of relevant PEC registration and qualification (copy of Degree/ Diploma/Certificate) as deemed relevant (Quantitative)(Doc Required)	3
01 Quantity Surveyor • Diploma (DAE)/Relevant Certificate • at least 5 years' experience in Quantity Surveying of Infrastructure works The bidder must upload details of each personnel which shall be provided on specified format under Schedule-F to Bid of the Bidding Documents The bidder must upload Documentary evidence of relevant PEC registration and qualification (copy of Degree/ Diploma/Certificate) as deemed relevant (Quantitative)(Doc Required)	3
01 Surveyor • Diploma in Civil (DAE) • at least 5 years' experience as surveyor under Infrastructure works The bidder must upload details of each personnel which shall be provided on specified format under Schedule-F to Bid of the Bidding Documents The bidder must upload Documentary evidence of relevant PEC registration and qualification (copy of Degree/ Diploma/Certificate) as deemed relevant (Quantitative)(Doc Required)	3
EQUIPMENT CAPABILITIES	
01 Asphalt Batching Plant (1 Cum Capacity) The bidder must upload Details of each equipment which shall be provided on specified format under Schedule-E to Bid of the Bidding Documents The bidder must upload evidence of ownership, lease agreement or rental agreement of the corresponding equipment (Quantitative)(Doc Required)	1
01 Asphalt Paver Machine The bidder must upload Details of each equipment which shall be provided on specified format under Schedule-E to Bid of the Bidding Documents The bidder must upload evidence of ownership, lease agreement or rental agreement of the corresponding equipment (Quantitative)(Doc Required)	2
01 Concrete Batching Plant The bidder must upload Details of each equipment which shall be provided on specified format under Schedule-E to Bid of the Bidding Documents The bidder must upload evidence of ownership, lease agreement or rental agreement of the corresponding equipment (Quantitative)(Doc Required)	1

04 Nos. Concrete Transit Mixer The bidder must upload Details of each equipment which shall be provided on specified format under Schedule-E to Bid of the Bidding Documents The bidder must upload evidence of ownership, lease agreement or rental agreement of the corresponding equipment (Qualitative)(Doc Required)	1
Truck / Dumper The bidder must upload Details of each equipment which shall be provided on specified format under Schedule-E to Bid of the Bidding Documents The bidder must upload evidence of ownership, lease agreement or rental agreement of the corresponding equipment (Qualitative)(Doc Required)	2
08 nos. (2) 04 nos. (1)	
01 no. Motor Grader The bidder must upload Details of each equipment which shall be provided on specified format under Schedule-E to Bid of the Bidding Documents The bidder must upload evidence of ownership, lease agreement or rental agreement of the corresponding equipment (Quantitative)(Doc Required)	2
Road Roller(s) The bidder must upload Details of each equipment which shall be provided on specified format under Schedule-E to Bid of the Bidding Documents The bidder must upload evidence of ownership, lease agreement or rental agreement of the corresponding equipment (Quantitative)(Doc Required)	2
02 nos. (2) 01 no. (1)	

Excavator(s) The bidder must upload Details of each equipment which shall be provided on specified format under Schedule-E to Bid of the Bidding Documents The bidder must upload evidence of ownership, lease agreement or rental agreement of the corresponding equipment (Quantitative)(Doc Required) 02 nos. (2) 01 no. (1)	2
Tile Compactor(s) The bidder must upload Details of each equipment which shall be provided on specified format under Schedule-E to Bid of the Bidding Documents The bidder must upload evidence of ownership, lease agreement or rental agreement of the corresponding equipment (Quantitative)(Doc Required) 02 nos. (2) 01 no. (1)	2
FINANCIAL SOUNDNESS	
Financial Resources (Contract/Project Specific Bank Credit Line) The bidder must upload details on specified form for Financial Resources The bidder must upload original bank letter as per specified form for Contract/Project specific Bank Credit Line directly addressed to Director Roads, CDA. (Quantitative)(Doc Required) Full Marks are given in case Financial Resources (limit of Contract/Project Specific Bank Credit Line) is more than or equal to PKR 650 Million of the project cost (15) In case Financial Resources (limit of Contract/Project Specific Bank Credit Line) is less than PKR 650.00 Million and more than or equal to PKR 450 Million of the project cost (8)	15

Average Annual Construction Turnover in last 3 years, evaluated through the bidder's, Audited financial statements for the last three (03) years. The bidder must upload details on specified form for Annual Construction Turnover The bidder must upload Audited financial statements (audited by independent Chartered Accountant firm) for the last three (03) years. (Quantitative)(Doc Required) Full Marks are given if the average Annual Construction Turnover for last three years is more than or equal to PKR 750.00 Million of work-outlay. (10) In case if the average Annual Construction Turnover for last three years is less than PKR 750.00 Million and more than or equal to PKR 450 Million of the project cost (5)	10
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Jobs/Lots

Jobs Without Lots :

Job	Delivery Schedule	Quantity	Bid Security
Traffic Management Kashmir Chowk	Address: Chairman Office, CDA, G-7/4., Islamabad Capital Territory Schedule: 90 Days Quantity: 1/job	1/job	14867848 PKR

Work Specifications and Market Rates

Jobs Without Lots :

Job: Traffic Management Kashmir Chowk

Specifications / Requirements:

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
1	Bill No. 1 Earthwork and Allied Activities					
2	**MRS ITEMS MRS 2nd Bi-Annual 2026**					
3	Chap-3 Item 53	Clearing and Grubbing	SM	11710	56.95	666884.5

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
4	Chap-3-25/(i)	Compaction of earthwork with power road roller, including ploughing, mixing, moistening earth to optimum moisture content in layers, etc.complete: i) 95% to 100% maximum modified AASHTO dry density.	CM	12480	71.05	886704
5	Ch. 3 Item 6	Regular excavation dressed.	CM	890	296.2	263618
6	Ch. 3 Item 7(1)B(iv)	Earthwork excavation in open cutting for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to protect existing works, shuttering and timbering the trenches, dressed to designed level and dimensions, trimming, removal of surface water from trenches, back filling and surplus excavated material disposed of and dressed within 50 ft. (15 m) lead:- 1) Upto 5' (1.5 meter) depth B) By Mechanical means iv) Gravel & Shingle	CM	5320	752.7	4004364

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
7	Ch. 3 Item 7(2)B(iv)	Earthwork excavation in open cutting for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to protect existing works, shuttering and timbering the trenches, dressed to designed level and dimensions, trimming, removal of surface water from trenches, back filling and surplus excavated material disposed of and dressed within 50 ft. (15 m) lead:- 2) From 5.01 ft. (1.5 m) to 10.0 ft. (3.0 m) depth B) By Mechanical means iv) Gravel & Shingle	CM	5320	883.55	4700486
8	Ch. 3 Item 8 (ii)	Excavation in shingle or gravel formation and rock, not requiring blasting, undressed lead upto 100 ft (30 m). ii) Wet	CM	2660	1262	3356920

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
9	Ch. 3 Item 12b(iv)	Excavation in hard rock requiring blasting and disposal of excavated material (blasted material) upto 50 ft. (15 m) lead, (including dressing and leveling to designed section,etc. complete). b) Balasting Prohibited iv) Grade IV	CM	1775	3146.7	5585392.5
10	Ch. 3 Item 12b(v)	Excavation in hard rock requiring blasting and disposal of excavated material (blasted material) upto 50 ft. (15 m) lead, (including dressing and leveling to designed section,etc. complete). b) Balasting Prohibited v) Grade V	CM	1775	3480.7	6178242.5
11	Chap-3-17(a,b,c)	Transportation of earth all types when the total distance, including the lead covered in the item of work upto 10 km	CM	37660	559.03	21053069.8
12	Chap 3 Item 27	Extra for slush or Daldal including dewatering.	CM	5185	458.9	2379396.5

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
13	N.S	Providing and laying harrow sand of approved quality and grade, including placing, spreading, and compaction, complete in all respects (including carriage).	CM	13760	3839.46	52830969.6
14	Bill No. 2 Subbase and Base					
15	18/3 (a-i), 1/1	Providing and laying subbase course of Crushed Stone Aggregate of approved quality and grade, including placing, mixing, spreading and compaction of subbase material to required depth, camber, grade to achieve 100% maximum modified AASHO dry density, (Including carriage of all material to site of work from Pathargarh Quarry).	CM	400	5791.86	2316744
16	18/3 Labour Only	Re-use of salvaged Granular Material from existing road as subbase	CM	7699.5	2976.15	22914866.925

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
17	Ch. 18 Item 10(vi),1-1	Providing and laying plant premixed bituminous carpet, base course including compaction and finishing to required camber, grade and density. 4.0% Bitumen (Including carriage of crushed stone aggregate/bajri from Pathargarh Quarry) .	CM	3506	31951.54	112022099.24
18	Ch 18 Item 4a + Ch. 1-1	Providing and laying Base course of crushed stone aggregate of approved quality and grade, and supply and spreading of stone screening, including placing, mixing, spreading and compaction of base course material to required depth, camber and grade to achieve 100% maximum modified AASHO dry density, including carriage of all materials to site of work from Pathargarh Quarry)	CM	9101	7017.21	63863628.21
19	Ch 4 Item 45	Dismantling and removing road metalling.	CM	3593	1147.3	4122248.9

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
20	Ch 4 Item 46 (b)	Dismantling and removing road pavement, etc., including screening and stacking of byproducts upto one chain lead (30 meter) b) By Mechanical Means	CM	8555	859.2	7350456
21	Ch 18/11	Scarifying old road surface including removal of debris within 1 chain (30 m).	SM	1000	72.8	72800
22	Ch 18 Item 12(ii)	Cold milling of asphalt layer/concrete surface of specified thickness, loading of debris onto haul trucks via conveyor system and disposal at appropriate place i/c the charges of self propelled milling machine of specified size, dumper, pump, water lorry, compressor and Tungsten Carbide Bits etc complete in all respect as approved by Engineer Incharge. ii) 0 ~ 2" thick	SM	500	273.2	136600
23	Ch 1/1	Disposal of Existing suitable Road Pavement Structure (Asphaltic) 10 KM Lead	CM	4110	475.69	1955085.9

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
24	Bill No. 3 Surface Courses & Pavement					
25	Ch. 18 Item 6	Providing and laying bituminous priming coat, using 10 lbs. kerosene oil and 10 lbs. binder per 100 Sft. or 0.5 Kg kerosene and 0.5 Kg binder per square metre.	SM	36403	277.9	10116393.7
26	Ch. 18 Item 7	Providing and laying bituminous tack coat, using 5 lbs. of bitumen per 100 Sft (0.27 Kg of bitumen per sq.m.)	SM	46775	92.9	4345397.5
27	Ch. 18 Item 10(xvi),1-1	Providing and laying plant premixed bituminous carpet, wearing course including compaction and finishing to required camber, grade and density. 4.5% Bitumen (Including carriage of crushed stone aggregate/bajri from Pathargarh Quarry) .	CM	2444	34290.38	83805688.72
28	BILL No. 4.1 STRUCTURES (UNDERPASS)					

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
29	Chapter 3/ 21(1)(b)ii	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) 1) Depth upto 5ft (1.5m) b) By Excavator ii) Ordinary soil	CM	554	393.3	217888.2
30	Chapter 3/ 21(2)(a)ii	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) 2) a) Depth from 5.1 ft (1.5m) to 15 ft (4.5 m):- ii) Ordinary soil	CM	1107	477.3	528371.1

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
31	Chapter 3/ 21(b)ii	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) b) Depth above 15.1 ft (4.5 m) ii) Ordinary soil	CM	1063	558.4	593579.2
32	Ch. 6 / 5(i) + Ch.1-1	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 (Lean Concrete)	CM	85	14266.13	1212621.05

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
33	Ch. 6 Item 9c (vi) + Ch.1-1	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge. (c) Substructure (Foundations, Pile Cap, Raft, Strip and Footing Beams) (Approach Slab & Footpath Drain) Strength (vi) 3000 PSI	CM	128	21774.21	2787098.88

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
34	Chapter 6 Item 9c(iv)+ Ch.1-1	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge. (c) Substructure (Foundations, Pile Cap, Raft, Strip and Footing Beams) Base slab) (iv) Strength 4000 PSI	CM	956	25451.77	24331892.12

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
35	Chapter 6 Item 9 a(iv)+ Ch.1-1	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge. (a) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects: (Top Slab & Underpass Walls) (iv)Strength 4000 PSI	CM	802	30555.27	24505326.54

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
36	Chapter 6 Item 9 a(iv)+ Ch.1-1	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge. (a) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects: (Precast Panels) (iv)Strength 4000 PSI	CM	585	30555.27	17874832.95

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
37	Chap. 6 Item 25	Lifting, transporting and placing precast prestressed concrete Beam, Girder and other members (excluding battens) etc., in position on the bridge to correct alignment and level, etc., complete in all respect as directed by the Engineer Incharge.	Tons	1543	1980.1	3055294.3
38	Chapter 6 / 12(b)ii	Fabrication of mild steel Reinforcement for Cement Concrete (except Piles), including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars): (b) Deformed bars (ii) (Grade-60)	100Kg	5820	30827.85	179418087
39	Chapter 13/9(i)	Bitumen Coating to plastered or cement concrete surface for Pile Cap & Pier upto FGL i) 20lbs per 100Sft (9.07Kg per Sq.m)	SM	811	304	246544

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
40	Chapter 6 Item 31	Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects (at Barrel and Ramp junction)	LM	121	1397.25	169067.25
41	-	Underpass Dewatering (Temporary)	P.S			5000000
42	-	Finishing Works	P.S			10000000
43	NON-MRS ITEMS					
44	NS	Providing and laying harrow sand of approved quality and grade, including placing, spreading, and compaction, complete in all respects (including carriage). "	CM	1362	3839.46	5229344.52
45	NS	Providing & Fixing of Waterproofing Membrane Sheet, complete in all respects as approved by Engineer Incharge.	SM	1646	1980.7	3260232.2

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
46	BILL No. 4.2 STRUCTURES (RETAINING WALLS FOR UNDERPASS)					
47	Chapter 3/ 21(1)(b)ii	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) 1) Depth upto 5ft (1.5m) b) By Excavator ii) Ordinary soil	CM	960	393.3	377568
48	Chapter 3/ 21(2)(a)ii	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) 2) a) Depth from 5.1 ft (1.5m) to 15 ft (4.5 m):- ii) Ordinary soil	CM	2240	477.3	1069152

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
49	Chapter 3/ 21(b)ii	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) b) Depth above 15.1 ft (4.5 m) ii) Ordinary soil	CM	3200	558.4	1786880

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
50	Chapter 6 Item 9c(iv)+ Ch.1-1	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge. (c) Substructure (Foundations, Pile Cap, Raft, Strip and Footing Beams) (Retaining Wall Foundation) (iv) Strength 4000 PSI	CM	1510	25451.77	38432172.7

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
51	Chapter 6 Item 9b(iv)ii+ Ch.1-1	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge. (b) Retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast (Formwork on both sides) (ii) More Than 9" Thick (Retaining Wall Stem Strength 4000 PSI	CM	1590	26522.22	42170329.8

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
52	Chapter 6 / Item 56 b(i) + Ch.1-1	Providing and laying Kerb Block / RCC Barrier of Concrete having compressive strength of 4000 PSI of required size with Slip form Paver / power kerber machine, batching plant, excluding the cost of additive / super plasticizer, steel reinforcement and its labour for bending and laying in position as specified etc complete in all respect. b) R.C.C Barrier (i) Single Face	CM	197	23906.37	4709554.89
53	Ch. 6 / 5(i) + Ch.1-1	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 (Lean Concrete)	CM	225	14266.13	3209879.25

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
54	Chapter 6 / 12(b)ii	Fabrication of mild steel Reinforcement for Cement Concrete (except Piles), including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars): (b) Deformed bars (ii) (Grade-60)	100 Kg	4400	30827.85	135642540
55	Chapter 6 Item 36(a)	Providing and fixing thermopore (foamed polythene) sheet in horizontal and vertical expansion joints: a) 1" (25 mm) thick thermopore sheet	SM	33	321.7	10616.1
56	Chapter 6 Item 31	Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects (Retaining Wall)	LM	799	1397.25	1116402.75
57	Chapter 13/9(i)	Bitumen Coating to plastered or cement concrete surface for Pile Cap & Pier upto FGL i) 20lbs per 100Sft (9.07Kg per Sq.m)	SM	5250	304	1596000

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
58	Chapter 18 Item 17	Providing and laying expansion joint of neoprine strip 4"x1¼" (100 mm x 6 mm) and plastic bitumen.	LM	84	1787.2	150124.8
59	NON-MRS ITEMS					
60	NS	"Providing and laying harrow sand of approved quality and grade, including placing, spreading, and compaction, complete in all respects (including carriage). "	CM	3200	3839.46	12286272
61	NS	Providing & Fixing of Waterproofing Membrane Sheet, complete in all respects as approved by Engineer Incharge.	SM	8944	1980.7	17715380.8
62	Bill No. 4.3 Structures (Geotechnical Investigations)					
63	-	Geotechnical Investigations	P.S			5000000

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
64	BILL No. 4.4 STRUCTURES (NULLAH BRIDGE)					
65	Chapter 3/ 21(1)(b)ii	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) 1) Depth upto 5ft (1.5m) b) By Excavator ii) Ordinary soil	CM	185	393.3	72760.5

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
66	Ch. 6 Item 9c (vi) + Ch.1-1	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge. (c) Substructure (Foundations, Pile Cap, Raft, Strip and Footing Beams) (Approach Slab & Footpath Drain) Strength (vi)3000 PSI	CM	33	21774.21	718548.93

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
67	Chapter 6 Item 9 a(iv)+ Ch.1-1	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge. (a) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects: (Concrete Pads) (iv)Strength 4000 PSI	CM	9	30555.27	274997.43

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
68	Chapter 6 Item 9 a(iv)+ Ch.1-1	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge. (a) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects: (Abutment Seat, Wing wall, Back Wall) (iv)Strength 4000 PSI	CM	129	30555.27	3941629.83

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
69	Chapter 6 Item 9 a(iv)+ Ch.1-1	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge. (a) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects: (Deck Slab & Diaphragm) (iv)Strength 4000 PSI	CM	150	30555.27	4583290.5

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
70	Chapter 6 / Item 56 b(i) + Ch.1-1	Providing and laying Kerb Block / RCC Barrier of Concrete having compressive strength of 4000 PSI of required size with Slip form Paver / power kerber machine, batching plant, excluding the cost of additive / super plasticizer, steel reinforcement and its labour for bending and laying in position as specified etc complete in all respect. b) R.C.C Barrier (i) Single Face	CM	23	23906.37	549846.51

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
71	Chapter 6 Item 9 a(iv)+ Ch.1-1	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge. (a) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects: (Precast Prestressed Girder) (iii)Strength 5000 PSI	CM	241	31566.62	7607555.42

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
72	Ch. 6 / 5(i) + Ch.1-1	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 (Lean Concrete)	CM	6	14266.13	85596.78
73	Chapter 6 / 12(b)ii	Fabrication of mild steel Reinforcement for Cement Concrete (except Piles), including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars): (b) Deformed bars (ii) (Grade-60)	100kg	970	30827.85	29903014.5

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
74	Chapter 6/11(ii)	Fabrication of mild steel reinforcement deformed bar cage of specified yield strength for R.C.C bored piles including cutting bending, lowering of cage with crane in position, welding and fastening, including the cost of binding wire, Crane machine (also includes removal of rust from the bars) as approved and directed by the Engineer Incharge ii) Grade-60	100kg	730	30014.15	21910329.5

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
75	Chapter 6/23	Fabrication of high tensile steel prestressing cables for prestressed (post tensioned) concrete, including assembling by drawing the H.T. wire through metal spacer plate, inserting in helix core and taping or tying, sheathing in longitudinally welded metal corrugated sheath, positioning , anchorage with male and female set of anchorage cone, forming ducts for transverse cable, stressing cables with jack at both ends as per stressing schedule, maintaining stressing record and supply the same in the approved proforma to the Engineer-in-charge, making loop at blind end, including all materials required for it, grouting the cable ducts with cement, cutting projected ends and making good recesses, et c., complete in all respects.	100kg	140	72656.8	10171952

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
76	Chapter 6/25	Lifting, transporting and placing precast prestressed concrete Beam, Girder and other members (excluding battens) etc., in position on the bridge to correct alignment and level, et c, complete in all respect as directed by the Engineer Incharge.	Ton	578	1980.1	1144497.8
77	Chapter 18/22 II(b)(i)	Providing and laying Elastomeric Neoprene Bearing Pads of specified grade, Specific gravity, hardness, elongation, min tensile strength of 2250 psi, and compressive strength of 2000 psi conforming to ASTM D2240 standard test method for rubber as approved and directed by the Engineer Incharge. II. Grade 60A (b) Laminated (i) Without Anchorage	cubic cm	218031	4.05	883025.55

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
78	Chap. 6 Item 8b(vi) +Ch.1-1	Providing and casting in situ bored reinforced concrete piles using Ordinary portland cement / Sulphate resisting cement or as may be required, including screening, washing of aggregates, mixing of constituents using batching plant, Transportation by Transit Mixer, Pouring in the required proportion to achieve a nominal cylindrical strength in the field as per ACI-214, with the specified consistency. i/c the cost of labour, boring, equipment / machinery, platform (except the cost of steel reinforcement, its labour for bending and laying in position and boat platform etc. which will be paid separately) excluding the cost of concrete pump and admixture, as approved and directed by the Engineer Incharge. In ordinary soil (b) 4000 PSI - (vi) 1.22m / 48"	LM	297	35585.54	10568905.38

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
79	Ch 6 /51	Extra for vertical pile load test (compression) by Kentledge method by applying incremental load and loading arrangements for test pile to ensure structural and Geotechnical soundness of pile upto a maximum test load i/c the hiring of machinery required for complete job and furnishing a report in this regard by a qualified/authorized Geo Technical Engineer by studying the data of at least seven days as approved and directed by the Engineer Incharge. Pile load test (upto 3.0 times design load)	Ton	600	570.85	342510

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
80	Ch 6 /51	Extra for vertical pile load test (compression) by Kentledge method by applying incremental load and loading arrangements for test pile to ensure structural and Geotechnical soundness of pile upto a maximum test load i/c the hiring of machinery required for complete job and furnishing a report in this regard by a qualified/authorized Geo Technical Engineer by studying the data of at least seven days as approved and directed by the Engineer Incharge. Proof load test (Upto 1.5 times design load)	Ton	300	570.85	171255

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
81	Ch 18 Item 21-b (i)	Providing and fixing metallic expansion Joints of 3/4" thick Aluminium Alloy strip of specified width duly bolted with check nuts @ 9" c/c with the MS lugs for specified movements as mentioned by the designer i/c the cost of polystyrene joint fill but excluding the cost of Lugs complete in all respect as approved and directed by the Engineer Incharge. (B) Saw-tooth Type (i) 25 mm to 50 mm	LM	31	43456.7	1347157.7
82	BILL No. 4.5 STRUCTURES (RIGID PAVEMENT)					

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
83	Chapter 6 Item 9c(iv)+ Ch.1-1	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge. (c) Substructure (Foundations, Pile Cap, Raft, Strip and Footing Beams) (Rigid Pavement) (iv) Strength 4000 PSI	CM	1250	25451.77	31814712.5

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
84	Ch. 6 / 5(i) + Ch.1-1	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 (Lean Concrete)	CM	335	14266.13	4779153.55
85	Chapter 6 / 12(b)ii	Fabrication of mild steel Reinforcement for Cement Concrete (except Piles), including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars): (b) Deformed bars (ii) (Grade-60)	100kg	380	30827.85	11714583
86	Chapter 18/17	Providing and laying expansion joint of neoprene strip 4"x1/4" (100mm x 6mm) and plastic bitumen	meter	2696	1787.2	4818291.2
87	Bill No 5a Drainage & Erosion Works					

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
88	Chapter 3/ 21(1)(b)ii	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) 1) Depth upto 5ft (1.5m) b) By Excavator ii) Ordinary soil	CM	5420	393.3	2131686

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
89	Chapter 6 Item 9 a(v)+ Ch.1-1	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge. (a) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects: (Wall + Top Slab) (vi) Strength 3000 PSI	CM	1120	26877.71	30103035.2

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
90	Ch. 6 Item 9c (vi) + Ch.1-1	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge. (c) Substructure (Foundations, Pile Cap, Raft, Strip and Footing Beams) (Base Slab) Strength (vi)3000 PSI	CM	370	21774.21	8056457.7

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
91	Ch. 6 / 5(i) + Ch.1-1	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8 (Lean Concrete)	CM	230	14266.13	3281209.9
92	Chapter 6 / 12(b)ii	Fabrication of mild steel Reinforcement for Cement Concrete (except Piles), including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars): (b) Deformed bars (ii) (Grade-60)	100kg	1800	30827.85	55490130
93	Chapter 18/17	Providing and laying expansion joint of neoprene strip 4"x1/4" (100mm x 6mm) and plastic bitumen	LM	240	1787.2	428928
94	Ch.13 / 9 (i)	Bitumen coating to plastered or cement concrete surface:- i) 20 lbs. per 100 Sf t. (9.07 Kg per Sq.m)	SM	6530	304	1985120

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
95	Chapter 6 Item 31	Providing embedding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects.	RM	4330	1397.25	6050092.5
96	Chap 4/20	Dismantling cement concrete reinforced, separating reinforcement from concrete, cleaning and straightening the same. (Item NS Amounting to Rs. 1,705,000 deducted)	CM	310	10325.55	1495921
97	Chap 4/19C	Dismantling cement concrete 1:2:4 plain.	CM	50	6310.05	315502.5
98	Chap 4/13	Dismantling brick work in lime or cement mortar. (Item NS Amounting to Rs. 9,600 deducted)	CM	80	2438	185440
99		NS				
100	NS	Credit for Steel Reinforcement Recovered from Dismantled RCC Concrete (Rs. 1,705,000 Deducted in Chap 4 /20)	Ton	15.5		

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
101	NS	Credit for Bricks Recovered from Dismantled Brick Masonry (Rs. 9,600 Deducted in Chap 4 /13)	CM	24		
102	Bill No 5b Drainage & Erosion Works					
103		GRAVITY SEWER				
104	21-03	Providing and laying R.C.C. pipe sewers, moulded with cement concrete 400 psi conforming to ASTM Specification C-76-20, Class IV, Wall B, including carriage of pipes from factory to site of work, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc. complete:-				
105		vi) 690mm (27)" i/d	m	800	13419.8	10735840
106		DRAINAGE SYSTEM				

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
107	21-14	Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" I/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect.	Each	237	24937.15	5910104.55
108	Derived rate	Providing and fixing, MS grating section 1' x 4" with angle iron frame grating (L 1-1/2" x 1/2" x 3/16") fitted with 1/2" sq. bar welded with frame at 2" c/c and #4 bar 2" long welded with frame as indicated in drawing complete in all respects.	Each	474	1720	815280
109	NON MRS ITEMS					

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
110	NS-1	Providing and laying MS casing by manual/thrust boring method (under Road) including manufacturing of pipe, cutting, rolling, testing and welding in two layers, all carriage from market to site, cost of labour, Hire charges of chain pulley block, providing, laying & jointing RCC sewer pipe (Class IV) in MS casing pipe with equal space all around using suitable channels, Hire charges of horizontal jacks, Generator, wooden studs, Injecting Cement sand slurry (1:2) with injector pump. Labour charges for excavation of earth from MS casing pipe to ground Level and maintain level to sewer pipe according to profile complete in all respects to satisfaction of Engineer In-charge.				
111		i) 690mm (27)" i/d with M.S casing 44" dia	m	800	116776	93420800

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
112	Bill No.6 Ancillary Works					
113	Chap.6 Item 5 (c) + (1-1)	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (c) Ratio 1: 1½: 3 (for Utilitiy Ducts)	CM	26	21546.29	560203.54
114	Ch.6 Item 53b(ii)	Providing and fixing precast Edge Kerb Stone (100mm to 150mm thick) of 3500 PSI Compressive Strength, embedded in PCC 1:2:4 over lean concrete 1:4:8 etc. Complete in all respect. b) With Painting (ii) (300x 150x350mm high)	M	6570	2237.6	14701032
115	Ch.10 Item 42b	Providing and laying Tuff Pavers, having 7000 PSI , crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope. complete in all respect. (50% Grey / 50% Coloured) b) 60-mm thick	S.M	830	2312.2	1919126

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
116	Ch.18 Item 25A(i)a	Providing, fabrication and fixing pole mounted Direction Board / road delineator of any shape and size, with specified Sheet and thickness, supported with G.I Channel, (excluding the cost of vertical post and painting) etc complete in all respect.(A) G.I Sheet 14 SWG (i) CIRCULAR/TRIANGULAR (a) 3-4 ft size	S.M	10	10746.6	107466
117	Ch.18 Item 25A(ii-a)	Providing, fabrication and fixing pole mounted Direction Board / road delineator of any shape and size, with specified Sheet and thickness, supported with G.I Channel, (excluding the cost of vertical post and painting) etc complete in all respect.(A) G.I Sheet 14 SWG (ii) RECTANGULAR SHAPE (a) 12 - 48 sft	S.M	20	9842.3	196846

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
118	Ch.18 Item 25A(ii-b)	Providing, fabrication and fixing pole mounted Direction Board / road delineator of any shape and size, with specified Sheet and thickness, supported with G.I Channel, (excluding the cost of vertical post and painting) etc complete in all respect.(A) G.I Sheet 14 SWG (ii) RECTANGULAR SHAPE (b) 54 -120 sft	S.M	40	8764.25	350570
119	Ch.13 Item 42a	Lettering and printing of signage / direction boards / road delineators of any colour by machine i/c cost of Digital Lettering, Lamination & pasting etc complete in all respect. a) High Intensity Prismatic (HIP) Tape	S.M	110	15896.7	1748637

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
120	Ch.18 Item 27(b)	Providing, fabrication and fixing Vertical Post comprising of medium quality G.I Pipe of specified diameter, including the cost of clamping arrangements, top cover, hold fasts embeded in PCC 1:2:4 footing of specified depth and excavation etc complete in all respect, as approved and directed bythe engineer incharge. (b) 3 inch diameter (footing 1.5'x1.5'x3')	M	40	5623.55	224942
121	Ch.18 Item 27(c)	Providing, fabrication and fixing Vertical Post comprising of medium quality G.I Pipe of specified diameter, including the cost of clamping arrangements, top cover, hold fasts embeded in PCC 1:2:4 footing of specified depth and excavation etc complete in all respect, as approved and directed bythe engineer incharge. (c) 4 inch diameter (footing 1.5'x1.5'x3')	M	20	7314.4	146288

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
122	Ch.18 Item 27(e)	Providing, fabrication and fixing Vertical Post comprising of medium quality G.I Pipe of specified diameter, including the cost of clamping arrangements, top cover, hold fasts embeded in PCC 1:2:4 footing of specified depth and excavation etc complete in all respect, as approved and directed bythe engineer incharge. (e) 6 inch diameter (footing 2.0'x2.0'x4')	M	20	12022.95	240459
123	Ch.13 Item 36(ii)	Painting Traffic Lane Marking of specified width (1.5mm thick), with Thermoplastic (TP) Paint including Glass Beads, complete in all respect, as approved and directed by Engineer incharge. (ii) 6" wide	M	9450	187.35	1770457.5

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
124	derived rate Ch.13 Item 36(ii)	Painting Traffic Lane Marking of specified width (1.5mm thick), with Thermoplastic (TP) Paint including Glass Beads, complete in all respect, as approved and directed by Engineer incharge. Zebra crossing, Arrows, stop lines etc.	S.M	1000	936.75	936750
125	Ch.18 Item 28a(2)(i)	Providing & fixing Cat Eyes of size 4" x 4" x 3/4" duly casted with specified material having plastic strip containing mini retro -reflective glass beads of color white/red/yellow having specified reflections, quality & shape i/c the cost of self built in 12 mm dia x 120 mm long steel zinc plated nail, fixing to road with epoxy/ hammering with separate nail complete. a) Acrylic material (2) Uni-Directional (i) 31 Glass beads a side	Each	1250	437.8	547250

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
126	Ch.18 Item 39(I)(a)ii	Providing and fixing full width/ Portal Sign Gantry comprising of 3 mm thick GI sheet (Z-275) fixed over double front and back truss made with Top & bottom chords of MS angle iron L-100x100x10 mm, webs and struts of L-65x65x8 mm welded with top and bottom truss of webs and struts of 65x65x8 mm duly supported on specified vertical posts 350x150x15 mm thick MS sheet for each column fixed in prelaid RCC duly welded with Base plate of 600x400x50 mm with MS stiffners of footing i/c the cost of polyurethane Paint to MS skeleton but excluding the cost of lettering/ printing as approved and directed by the Engineer Incharge. (I) Double Columns of MS pipe of size 7500 x 219 x 8 mm thick a) Two Supports ii. Three Lanes	SM	33	43646.75	1440342.75

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
127	Ch.18 Item 38(ii)	Providing and fixing Cantilever Sign Gantry of specified leaf made of 3mm thick GI sheet (Z-275) of size 4000x2400x3mm supported with a frame of MS angle iron frame of size 40x40x5mm all around the sheet with 3No vertical and one no horizontal braces of MS tees of size 40x40x5 mm duly supported on a truss of 2 no chords of MS pipes 273x7 mmx9.27 mtr and 3 no struts of MS pipe of size 143x4.5mm x 3.098 mtr duly bolted with a post of MS pipe of size 7500x457.5x 12.7 mm thick duly welded with Base plate of 850x850x36 mm with MS stiffners of 18 mm thick MS sheet and fixed with anchor bolts in prelaid RCC footing i/c the cost of polyurethane Paint to MS skeleton but excluding the cost of lettering/ printing as approved and directed by the Engineer Incharge. ii) Double Leaf	SM	21	76715.35	1611022.35

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
128	NON MRS ITEMS					
129	NS	Providing and Fixing of PVC Pipe 150mm dia	M	210	1233.23	258978.3
130	Bill No. 8 Electrification Works					
131		Design, supply, transportation, storage, installation, testing and commissioning of the following items of work, including all material, labour, tools and accessories etc. required for proper completion of each item as per specification, drawings and/or as directed by the Engineer.				

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
132	69(a-ii)/24, 85(a-i)/24	Supplying, installation testing and commissioning of Octagonal shape electric street light pole, made of hot dipped 4.5 mm thick (7 SWG) galvanized steel, tapered from 225 mm at bottom to 100 mm at top, with 1500 mmx60 mmx4mm thick dia. arm for luminaire installation, duly G.I.welded with 470x470x20 mm base plate with the help of 4 no triangular stiffeners 100x350x20 mm of GI sheet, with built in junction box with shutter i/c the cost of nuts & J-rag bolts, duly fixed in prelaid concrete foundation, foundation will be paid additionally as approved and directed by the Engineer In charge. Supplying, Installation and commissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ SWITZERLAND or approved equivalent manufacturer in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge. Single Arm 10 meter height Single Pole 01.04 Amps /6	Each	2	132132.45	264264.9

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
133	69(b-ii)/24, 85(a-i)/24	Supplying, installation testing and commissioning of Octagonal shape electric street light pole, made of hot dipped 4.5 mm thick (7 SWG) galvanized steel, tapered from 225 mm at bottom to 100 mm at top, with 1500 mmx60 mmx4mm thick dia. arm for luminaire installation, duly G.I.welded with 470x470x20 mm base plate with the help of 4 no triangular stiffeners 100x350x20 mm of GI sheet, with built in junction box with shutter i/c the cost of nuts & J-rag bolts, duly fixed in prelaid concrete foundation, foundation will be paid additionally as approved and directed by the Engineer In charge. Supplying, Installation and commissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ SWITZERLAND or approved equivalent manufacturer in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge. Double Arm 10 meter height Single Pole 01.04 Amps /6	Each	2	136896.45	273792.9

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
135	69(b-iii)/24, 85(a-i)/24	Supplying, installation testing and commissioning of Octagonal shape electric street light pole, made of hot dipped 4.5 mm thick (7 SWG) galvanized steel, tapered from 225 mm at bottom to 100 mm at top, with 1500 mmx60 mmx4mm thick dia. arm for luminaire installation, duly G.I.welded with 470x470x20 mm base plate with the help of 4 no triangular stiffeners 100x350x20 mm of GI sheet, with built in junction box with shutter i/c the cost of nuts & J-rag bolts, duly fixed in prelaid concrete foundation, foundation will be paid additionally as approved and directed by the Engineer In charge. Supplying, Installation and commissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMANY/TERASAKI JAPAN/ SWITZERLAND or approved equivalent manufacturer in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge. Double Arm 12 meter height Single Pole 01.04 Amps /6	Each	5	152270.9	761354.5

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
136	Analysis	Road Lighting Pole Foundation	Each	74	39029	2888146
137		Road Lights & Accessories for Flood Light Installation				



Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
138	70(c-v)/24	Supplying, installation and commissioning of LED Luminaries (street lights) of specified wattage and lumens conforming to IP 66 & IK 08 or above, Philips/Osram/Thorn or approved equivalent manufacturer with corrosion resistant die casted Aluminum housing, silicon gasket in special groove, f1 rated polycarbonate optic complete with LED Chip (Philips Lumiled/Cree/Nichia/Osram make or equivalent approved manufacturer), programmable LED driver (Harvard/TCI/Lumotech/Philips/VOSSLOH Schwabe/Lightech make or approved equivalent manufacturer), minimum 10kv surge protection rating device i/c the cost of all accessories/components required for proper operation, fully flexible for future upgradation and easy replacements for maintenance purposes, i/c bucket elevator charges as approved and directed by the Engineer Incharge. 120 Lm/Watt 90 Watt with 10800 Lumens	No.	2	29330.25	58660.5

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
139	70(c-vi)/24	Supplying, installation and commissioning of LED Luminaries (street lights) of specified wattage and lumens conforming to IP 66 & IK 08 or above, Philips/Osram/Thorn or approved equivalent manufacturer with corrosion resistant die casted Aluminum housing, silicon gasket in special groove, f1 rated polycarbonate optic complete with LED Chip (Philips Lumiled/Cree/Nichia/Osram make or equivalent approved manufacturer), programmable LED driver (Harvard/TCI/Lumotech/Philips/VOSSLOH Schwabe/Lightech make or approved equivalent manufacturer), minimum 10kv surge protection rating device i/c the cost of all accessories/components required for proper operation, fully flexible for future upgradation and easy replacements for maintenance purposes, i/c bucket elevator charges as approved and directed by the Engineer Incharge. 120 Lm/Watt 120 Watt with 14400 Lumens	No.	67	36170.25	2423406.75

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
140	70(c-viii)/24	Supplying, installation and commissioning of LED Luminaries (street lights) of specified wattage and lumens conforming to IP 66 & IK 08 or above, Philips/Osram/Thorn or approved equivalent manufacturer with corrosion resistant die casted Aluminum housing, silicon gasket in special groove, f1 rated polycarbonate optic complete with LED Chip (Philips Lumiled/Cree/Nichia/Osram make or equivalent approved manufacturer), programmable LED driver (Harvard/TCI/Lumotech/Philips/VOSSLOH Schwabe/Lightech make or approved equivalent manufacturer), minimum 10kv surge protection rating device i/c the cost of all accessories/components required for proper operation, fully flexible for future upgradation and easy replacements for maintenance purposes, i/c bucket elevator charges as approved and directed by the Engineer Incharge. 120 Lm/Watt 150 Watt with 18000 lumens	No.	10	36901.5	369015

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
141	70(c-ix)/24	Supplying, installation and commissioning of LED Luminaries (street lights) of specified wattage and lumens conforming to IP 66 & IK 08 or above, Philips/Osram/Thorn or approved equivalent manufacturer with corrosion resistant die casted Aluminum housing, silicon gasket in special groove, f1 rated polycarbonate optic complete with LED Chip (Philips Lumiled/Cree/Nichia/Osram make or equivalent approved manufacturer), programmable LED driver (Harvard/TCI/Lumotech/Philips/VOSSLOH Schwabe/Lightech make or approved equivalent manufacturer), minimum 10kv surge protection rating device i/c the cost of all accessories/components required for proper operation, fully flexible for future upgradation and easy replacements for maintenance purposes, i/c bucket elevator charges as approved and directed by the Engineer Incharge. 120 Lm/Watt 180 Watt with 21600 Lumens	No.	2	46334.65	92669.3

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
142		Conduits / Pipes				
143	14(b-a)/23	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with working pressure pipe, in trenches, including specials(P.S-3051=BS-3505), complete in all 'respects:- 2" i/d (50 mm)	Rm	600	797.4	478440
144	Analysis	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with working pressure pipe, in trenches, including specials(P.S-3051=BS-3505), complete in all 'respects:- 4" i/d (100 mm)	Rm	350	2861.87	1001654.5
145	14(a-b)/23	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with working pressure pipe, in trenches, including specials(P.S-3051=BS-3505), complete in all 'respects:- 4" i/d (100 mm)	Rm	1000	1652.65	1652650

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
146	Analysis	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with working pressure pipe, in trenches, including specials(PS-3051=BS-3505), complete in all 'respects:- 4" i/d (100 mm)	Rm	2000	1705.966	3411932
147		Low Voltage Power Cables				
148	11(c-x)/24	Supply and erection of PVC insulated, PVC sheathed copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):- Four core, 600/1000 volt non armoured cable: 50sqmm (19/0.072")	Rm	100	8637.5	863750
149	8(c-viii)/24	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I.wire/trenches (rate for cables only):- 450/750 volts, PVC insulated 25 mm sq (19/0.052")	Rm	120	1189.3	142716

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
150	11(c-vii)/24	Supply and erection of PVC insulated, PVC sheathed copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):- Four core, 600/1000 volt non armoured cable: 6 sqmm (7/0.064")	Rm	4000	3119.45	12477800
151	8(c-vii)/24	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I.wire/trenches (rate for cables only):- 450/750 volts, PVC insulated 16sqmm (7/0.064")	Rm	4000	900.7	3602800
152	8(c-iii)/24	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I.wire/trenches (rate for cables only):- 450/750 volts, PVC insulated 2.5 sqmm (7/.029")				
153		For 10m Pole (6 Nos. Poles)	Rm	216	207	44712
154		For 12m Pole (75 Nos. Poles)	Rm	3150	207	652050

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
155		For Flood Lights to be installed in underpass (40 Lights)	Rm	120	207	24840
156		LIGHTING CONTROL PANEL				
157		EARTHING				
158	118/24	Providing, making & testing/commissioning of Rod type Earth point comprising of 5/8" dia. (16 mm dia) 10 ft long copper coated M.S. rod driven in ground duly fixed with clamp with Tinned earth test link copper plate (300x50x10mm), i/c the cost of brass nuts,spacers, bolts washers lugs etc but excluding the cost of copper strand & manhole. as approved and directed by Engineer Incharge (Rod Type Earthing).	Job	2	21210.95	42421.9

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
159	119 /24,	Providing, making & testing/commissioning of Bore type earthing point by drilling 3"dia bore hole up to water table/moist soil by laying 2"dia perforated GI.pipe (Medium Quality) fixed with 40mm dia and 250mm long tinned copper spike at bottom,i/c the cost of Tinned earth test link copper plate (300x50x10mm) ,brass nuts, spacers, bolts washers lugs etc but excluding the cost of coppers trand & manhole as approved and directed by Engineer-in-charge. (Bore Type Earthing). 100 ft	Rft	100	1054.65	105465
160	120-24 viii	Supply, installation, testing and commissioning of bare copper conductor for Earthing/ Grounding System. 70sqmm conductor	Rft	200	873.45	174690

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
161	112-24 iii	Supplying and erection of LED Flood Light, conforming IP 65/66, having, body of anodized aluminum frame with heat proof glass, input volatage, 165-265AC, frequency 50/60Hz, PF 0.70 to 0.90, CRI >80, lumens minimum 120 lm/watt, Life span 30000Hrs, color 6500k/3000k. complete in all respect as approved and directed by the Engineer-in-charge. 150 watt	No.	40	16678	667120
162	13-24 a (iv)	Supply, installation, testing, commissioning and termination of 8.7/15kV, AL/XLPE/UA/PVC three Core (MV cables) of Pakistan cables / Newage or approved equivalent along with cable glands, in already installed cable trench / cable ladder / cable tray / duct bank. 120sqmm	Rm	100	6314.65	631465
163	NON MRS ITEMS					
164		Road Lights & Accessories for Flood Light Installation				

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
165	N-MRS item	Hot dipped galvanized bracket for mounting of Flood lights alongwith all accessories.	Each	40	5400	216000
166	N-MRS item	Junction box size 12"x08"x06" (for Flood Light connection) with angle iron frame clad 16 SWG, sheet steel enclosure having high quality powder coated paint, color RAL 7032. suitable for connections with IP 54 protection class, door, locking arrangement etc. and all other accessories as required for quality work.	No.	40	11774	470960
167		Junction box size 12"x08"x06" (for Flood Light connection)				
168		01 No. 2 Amp. SP MCB, 10 kA				
169		05 No. Terminal block				
170		GI flexible pipe 1" dia				

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
171	N-MRS item	Road lighting control panel with angle iron frame clad 14 SWG, sheet steel enclosure having high quality powder coated paint, color RAL 7032. The LCP shall be complete with incoming and outgoing MCCBs, Cu bus bars, magnetic contactors, photo-electric switches, meters, indication lights, construction with IP 54 protection class, door, locking arrangement etc. and all other accessories as required for quality work. MATERIAL 1 No. incoming 100 Amp.(adj.) TP, MCCB, 25 kA 6 No. outgoing 25 Amp. (adj.) TP MCCBs, 25 kA 2 No. outgoing 25 Amp. (adj.) TP MCCBs, 25 kA (Spare) 6 No. 32 Amp. magnetic contactor 2 No. 32 Amp. magnetic contactor (Spare) 3 No. photo-electric switches with timers and relays a) 1 No. ammeters 0-100 Amp, with selector switch (04 position) and CT of 100/5 Amp b) 3 No. indication lights c) 1 No. voltmeter with fuse and 7 position selector switch. d) 3 Ph, N & Earth copper bus bars Internal wiring & line-up terminals etc. Brass cable glands/accessories e) 08 Nos. Auto-Manual-OFF (3 position switches for operation in auto (with photocell) and	Job	1	556238	556238

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
172		Transformer				
173	N-MRS item	Supply of 100 kVA, 11/0.415 kV pad mounted transformer (with HT & LT Compartment) with foundation and all accessories, Installation and Connection Charges with energy meter as per WAPDA standards and practice.	Job	1	3084864	3084864
174		MV Cable and Termination Kit				
175	N-MRS item	Providing and fixing/installation indoor 120mm ² 3-core, 11KV, XLPE, heat shrink termination Kit complete in all respect as required.	Job	1	58422	58422
176	N-MRS item	Providing and fixing/installation outdoor 120mm ² 3-core, 11KV, XLPE, heat shrink termination Kit complete in all respect as required.	Job	1	77499	77499
177	N-MRS item	Landscaping and Horticulture Work (P.S)	P.S			26500000
178	N-MRS item	Monument (P.S)	P.S			60000000
					GRAND TOTAL:	Rs1,486,784,750.17

Scope of Work

As per BOQ



Price Schedule

For Individual Jobs

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

For Lots

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





General Conditions of Contract

Red Book:

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The Conditions of Contract are the “General Conditions” which form part of the “Conditions of Contract for Construction for Building and Engineering Works Designed by the Employer (“Red book”) Second edition 2017” published by the Federation Internationale Des Ingenieurs – Conseils (FIDIC) and the following “Particular Conditions” which shall complement the General Conditions of the Contract.

The successful Bidder, upon contract award, shall be required to furnish two (02) copies of aforementioned “General Conditions” for incorporation in the Works Contract.

International Federation of Consulting Engineers (FIDIC) FIDIC

Bookshop – Box- 311 – CH – 1215 Geneva 15, Switzerland

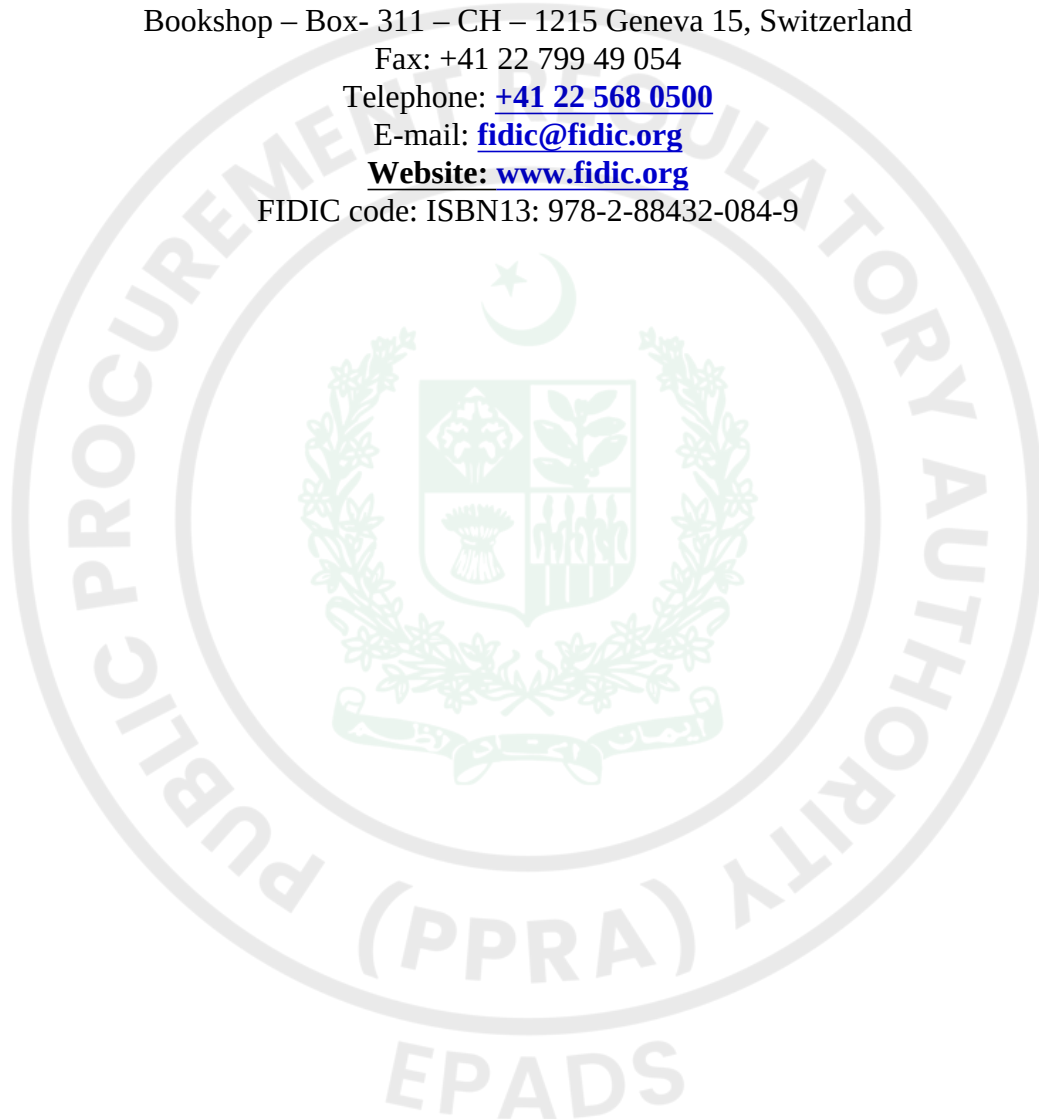
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Special Conditions of Contract

PARTICULAR CONDITIONS OF CONTRACT (PCC)

Particular Conditions

(Mandatory Provisions not to be amended/substituted)

The Particular Conditions (PCC) complement the General Conditions (GCC) to specify dates, contractual requirements, and special circumstances related to the Works. The PCC consists of two parts, Part A - Contract Data and Part B - Special Provisions. The provisions to be found in the Special Provisions (Particular Conditions - Part B) take precedence over the equivalent provisions found under the same Sub-Clause number(s) in the General Conditions, and the provisions of the Contract Data (Particular Conditions - Part A) take precedence over the Special Provisions (Particular Conditions - Part B).

PART A - Contract Data

Sub-Clause 1.1.27

Defects Notification Period (DNP): **365 Days**

Sub-Clause 1.1.31

Employer's name & address: **Procurement and Contract (Capital Development Authority (CDA)), Deputy Director Chairman Office, CDA, G-7/4., Islamabad Capital Territory**

Sub-Clause 1.1.35

Engineer's name & address: **Concerned Member**

Executive Block, G-7/4, Islamabad.

Sub-Clause 1.1.84

Time for Completion: **90 days** for whole of the works

Sub-Clause 1.3 (a)(ii)

Agreed method of electronic transmission: **Agreed**

The Electronic Transmission Methods are **EPADS version 2.0**

Sub-Clause 1.3 (d)

Address of Employer for Communications: **Chairman Office, CDA, G-7/4., Islamabad Capital Territory**

Address of Engineer for Communications:

Executive Block, G-7/4, Islamabad.

Address of Contractor for Communications: -----

Sub-Clause 1.4

Contract shall be governed by the law of: **Islamic Republic of Pakistan**

Ruling language: **English**

Language for communications: **English**

Sub-Clause 2.1

After receiving the Letter of Acceptance, the Contractor shall be given right of access to all or part of the Site within: **7 days** after Commencement Date

Sub-Clause 2.4

Employer's financial arrangements:

Through CDA Self Financing

Sub-Clause 3.2 (e)(ii)

Engineer's Duties and Authority: **Variation resulting in an increase of the Accepted Contract Amount in excess of one percent (1%) subject to accumulative Variations not exceeding five percent (5%) of the Accepted Contract Amount**

Sub-Clause 4.2

Performance Security (as percentage of the Accepted Contract Amount in Currencies): 10.00%

Form of Performance Guarantee: **Bank Guarantee**

Sub-Clause 4.2.1

List of Insurance Companies:

Only Bank Guarantee

Sub-Clause 4.7.2

period for notification of errors in the items of reference: **Twenty Eight (28) days**

Sub-Clause 4.19

Period of payment for temporary utilities: **Each Month**

Sub-Clause 5.1 (a)

Maximum allowable accumulated value of work subcontracted (as a percentage of the Accepted Contract Amount): **Nil %**

Sub-Clause 5.1 (b)

Parts of the Works for which subcontracting is not permitted: **Nil**

Sub-Clause 6.5

Normal working hours on the Site: **24**

Sub-Clause 8.3

Number of additional paper copies of programmes: **3**

Sub-Clause 8.8 & 14.15(b)

Delay Damages payable for each day of delay **0.33%** of the Accepted Contract Amount for delay in completion of whole of the Works

Sub-Clause 8.8

Maximum amount of Delay Damages **10.00 %** of the Accepted Contract Amount

Sub-Clause 8.14

Applicability of Incentives for Early Completion **No**

Sub-Clause 12.3

Percentage profit (Not more than 10%): **Nil**

Sub-Clause 13.4.(b)(ii)

Percentage rate to be applied to Provisional Sums for overhead charges and profit: **Twenty Five percent (25%)**

Sub-Clause 14.2

Total Advance Payment: **Fifteen percent (15%) of the Accepted Contract Amount excluding Provisional Sums payable in the currencies and proportions in which the Accepted Contract Amount is payable**

Sub-Clause 14.2.1

Advance Payment Insurance **Allowed**

Only Bank Guarantee allowed

Sub-Clause 14.2.3

Percentage deductions for the repayment of the Advance Payment: Deduction shall be made at the amortization rate of 17.5 % of the value of the Works executed of each IPC as provided in paragraph (i) of Sub-Clause GCC 14.3, starting from 2nd IPC provided that the advance payment shall be completely repaid prior to the time when 90% of the Accepted Contract Amount less Provisional Sums has been certified for payment. It may be more than 17.5% in the last instalment to ensure full repayment.

Sub-Clause 14.3

Period of payment **One Month**

Sub-Clause 14.3(b)

Number of additional paper copies of Statements: **3**

Sub-Clause 14.3 (iii)

Percentage of retention: **Seven percent (7%)**

Sub-Clause 14.3 (iii)

Limit of Retention Money (as a percentage of the Accepted Contract Amount): **Five percent (5%)**

Sub-Clause 14.5(b)(i)

Plant and Materials for payment when shipped: **Plant and Materials under Bill of “Imported Plant and Materials”**

Sub-Clause 14.5(c)(i)

Plant and Materials for payment when delivered to the Site: **Plant and Non Perishable Materials**

Sub-Clause 14.6.2

Minimum amount of Interim Payment Certificate (IPC): **Yes**

The Minimum Amount IPC is 200000000

[Employer to give value not exceeding one fifth of the average expected value of Interim Payment Certificate]

Sub-Clause 14.7(a)

Period of payment of Advance Payment to the Contractor: **14 days**

Sub-Clause 14.7b(i)

Period for the Employer to make interim payments to the Contractor under Sub-Clause 14.6: **28 days**

Sub-Clause 14.7b(ii)

Period for the Employer to make interim payments to the Contractor under Sub-Clause 14.13 (Final Payment): **28 days**

Sub-Clause 14.7(c)

Period for the Employer to make final payment to the Contractor: **56 days**

Sub-Clause 14.8

Financing charges for delayed payment Local Currency (PKR):

6-Month KIBOR (Offer) +3% per annum.

Foreign Currency:

USD

6-Month SOFR (Secured Overnight Financing Rate for USD) +1% per annum.

EURO

6-Month EURIBOR (EURO Interbank Offered Rate for EURO) +1% per annum.

Others

Appropriate rates +1% (for other foreign currencies, Ref. Schedule-A, A-4 to Bid).

Sub-Clause 14.11.1(b)

Number of additional paper copies of draft Final Statements: 3

[insert number of copies say six (06)]

Sub-Clause 14.15

Currencies of payment of Contract Price: **as stated in the Table Schedule of Adjustment Data of Schedule A (if Given)**

Sub-Clause 14.15(a)(i)

Proportions or amounts of Local and Foreign currencies: **as stated in the Table Schedule of Adjustment Data of Schedule A (if Given)**

Sub-Clause 14.15(c)

Currencies and proportions for payment of Delay Damages: **as stated in the Table Schedule of Adjustment Data of Schedule A (if Given)**

Sub-Clause 14.15(f)

rates of exchange: **as stated in the Table IV of Schedule A (If Given)**

Sub-Clause 17.2(d)

Forces of nature, the risks of which are allocated to the Contractor: **Nil**

Sub-Clause 19.1

Permitted deductible limits:

- i) insurance required for the Works: **Ten percent (10%) of loss amount on each & every loss**
- ii) insurance required for Goods: **Nil**
- iii) insurance required for liability for breach of professional duty: **Nil**
- iv) insurance required against liability for fitness for purpose (if any is required): **Nil**
- v) insurance required for injury to persons and damage to property: **Nil**
- vi) insurance required for injury to employees: **Nil**
- vii) other insurances required by Laws and by local practice : **Nil**

Periods for submission of insurance:

- a) evidence of insurance: Not later than the Commencement Date
- b) relevant policies: Within twenty eight (28) day from the Commencement Date

Sub-Clause 19.2.1(b)

Additional amount to be insured (as a percentage of the replacement value): 15% of the replacement value (Accepted Contract Amount)

Sub-Clause 19.2.2

Extent of insurance required for Goods: From Ex-Works (i.e., works, factory, warehouse, etc) to delivery at

the Site

Amount of insurance required for Goods: Full replacement value

Sub-Clause 19.2.3(a)

Amount of insurance required for liability for breach of professional duty: Full replacement value of the Works to be designed by the Contractor

Sub-Clause 19.2.3(b)

Insurance required against liability for fitness for purpose: **Yes**

Sub-Clause 19.2.3

Period of insurance required for liability for breach of professional duty: Until the date of issuance of Performance Certificate

Sub-Clause 19.2.4

Amount of insurance required for injury to persons and damage to property: Injury to person and Fatal case: in accordance with Workmen Compensation Act

Damage to Property: The Amount of Insurance Required for Person Injury is 2000000

The Amount of Insurance Required for Damage to Property is 5000000 as per his assessment of the adjoining property(ies) other than the Works]

without limit to the number of incidents

Sub-Clause 19.2.6

Other insurances required by Laws and by local practice: All insurances as applicable, to the extent of execution of the project, under Federal and Provincial laws of Islamic Republic of Pakistan

Sub-Clause 21.1

Time for appointment of the DAAB: Within 28 days from the Commencement Date.

In case the Accepted Contract Amount is lesser than PKR one (01) billion, appointment of the DAAB shall be made when Dispute arises between the Parties.

Sub-Clause 21.1

The DAAB shall comprise 3

[insert either “a sole Member” or “Three Members”]

[For a Contract estimated to cost above PKR 2.5billion, the DAAB shall comprise of three members. For a Contract estimated to cost between PKR1billion and PKR2.5billion, the DAAB may comprise of three members or a sole member. For a Contract estimated to cost less than PKR1billion, a sole member is recommended.]

Sub-Clause 21.1

List of proposed members of DAAB

- proposed by Employer

Dr. Shahid Mehmood

- proposed by Contractor

[to be inserted at the time of signing of the Contract]

1. _____

2. _____

3. _____

Sub-Clause 21.2

Appointing entity (official) for DAAB members Managing Director Public Procurement Regulatory Authority (PPRA) or Chairman Pakistan Engineering Council (PEC) from the list of PEC approved arbitrators published at its website

Sub-Clause 21.6

Rules of Arbitration: PEC Rules of Conciliation and Arbitration or Pakistan Arbitration Act of 1940, if the former is inactive.

The place of Arbitration shall be in the Employer's country: **Islamabad , Pakistan**

[Insert name of city]

Particular Conditions

PartB - Special Provisions

1.1 Definitions

1.1.76 "Specification"

Following is added at the end:

"and consists of two parts i.e.,

- i) "Part A - Specific Provisions"; and
- ii) "Part B - Technical Provisions".

1.2 Interpretation

"and" is deleted from the end of sub-paragraph (i) and added at the end of sub-paragraph (j).

Sub-paragraph (k) is added:

"(k) The word "tender" is synonymous with "bid" the word tenderer with "bidder", the words "tender documents" with "bidding documents" and "Schedule of Prices" with "Bill of Quantities", as applicable."

1.5 Priority of Documents The documents listed at (a) through (k) of this Sub-Clause are deleted and substituted with the following:

- (a) the Contract Agreement;
- (b) the Letter of Acceptance;
- (c) the Letter of Bid;
- (d) the Particular Conditions Part A - Contract Data;
- (e) the Particular Conditions Part B - SpecialProvisions;
- (f) the General Conditions;
- (g) the Specification Part A - SpecificProvisions;
- (h) the Specification Part B- Technical Provisions;
- (i) the Drawings;
- (j) the completed Schedules to Bid includingBillof Quantities;
- (k) the JV Undertaking (if the Contractor is a JV); and
- (l) any other documents forming part of the Contract.

The addenda/corrigenda, if any, shall be deemed to have been incorporated at the appropriate places in the documents forming the Contract.

1.6 Contract Agreement

In the last line of the 1st paragraph the text "shall be borne by the Employer" is substituted by "shall be reimbursed by the Employer to the Contractor".

3.1 The Engineer

In sub-paragraph (a) the text “as defined in the Pakistan Engineering Council Act, 1975 (Act No.V of 1976)” are added after the words “professional engineer”.

3.2 Engineer’s Duties and Authority

The Engineer shall obtain the consent in writing of the Employer before taking action under the following Sub-Clauses of these Conditions:

- (a) Consenting to the subcontracting of any part of the Works under Sub-Clause 5.1 [Subcontractors]
- (b) Any action under Sub-Clauses 8.9 [Employer’s Suspension] and 8.12 [Prolonged Suspension]
- (c) Issuance of “Taking Over Certificate” under Sub-Clause 10.1 [Taking Over the Works and Sections].
- (d) Issuing the “Performance Certificate” under Sub-Clause 11.9 [Performance Certificate].
- (e) Sub-Clause 13.1 [Right to Vary]: instructing a Variation, except;
 - (i) in an emergency situation as determined by the Engineer, or
 - (ii) if such a Variation would increase the Accepted Contract Amount by less than the percentage specified in the Contract Data.
- (f) Sub-Clause 13.3 [Variation Procedure]: approving a proposal for Variation submitted by the Contractor in accordance with Sub-Clause 13.3.2 [Variation by Request for Proposal] or 13.2 [Value Engineering].
- (g) Certifying release of second half of the Retention Money under Sub-Clause 14.9 [Release of Retention Money].
- (h) Issuing Final Payment Certificate under Sub-Clause 14.13 [Issue of FPC].
- (i)

Issue of FPC Sub Clauses

Determination

*[insert Sub-Clause number (not Sub-Clause 3.7 [Agreement or Determination])]

Any such requirement shall not be applied to any action by the Engineer under Sub-Clause 3.7 [Agreement or Determination], as stated in Sub-Clause 3.2 [Engineer’s Duties and Authority] of the General Conditions.

Notwithstanding the obligation, as set out above, to obtain approval, if, in the opinion of the Engineer, an emergency occurs affecting the safety of life or of the Works or of adjoining property, he may, without relieving the Contractor of any of his duties and responsibility 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, despite the absence of approval of the Employer, 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 13 and shall notify the Contractor accordingly, with a copy to the Employer.

Following is added after the words “the Employer’s consent is required” in 4th paragraph: “stating that the Employer’s consent has been obtained for that specified authority”

4.2 Performance Security

4.2.1 Contractor’s Obligations

The entity issuing the Performance Security and its form shall be as under:

The Performance Security shall be, at the option of the Contractor, issued in the prescribed form included in the Bidding Documents, by (a) a Scheduled Bank in Pakistan or (b) a foreign bank duly counter-guaranteed by a Scheduled Bank in Pakistan or (c) an Insurance Company listed in the Contract Data and rated by PACRA/VIS of ratings provided in Table below:

Accepted Contract Amount (In Eq. PKR million)	Minimum Rating of Insurance Companies
Up to 1000	A (+)

1001 to no limit AA

In case of Joint Venture, the Performance Security shall be in the name of the Joint Venture or in the name of Lead/either firm of the JV or in ratio of shares of the individual JV partners.

Following paragraph is added at the end of this Sub-Clause:

“The amount of Performance Security shall be reduced to 50% following issue of the Taking-Over Certificate for the whole of the Works under Clause 10 of Conditions of Contract.”

4.3 Contractor’s Representative

In second paragraph the text “professional engineer as defined in the Pakistan Engineering Council Act, 1975 (Act No. V of 1976) (having temporary licence in case of foreign engineer under Section 12 of the Pakistan Engineering Council Act, 1975 (Act No. V of 1976)” are added after the words “qualified, experienced”.

In the 3rd paragraph the words “28 days” are substituted by “14 days”. In 2nd line of 4th paragraph the text “or appoint a replacement” is substituted by “except appointment of a suitable temporary replacement is deployed at the Site”

4.4 Contractor’s Documents

4.4.2 As-Built Records

First paragraph is deleted and the text in the last paragraph is substituted with the following:

“The Contractor shall furnish to the Engineer 6 copies, one reproducible and one electronic copy (provided the Engineer has made available to the Contractor editable form of the Drawings) of all Drawings amended to conform to the Works as built. In case the Engineer does not make available to the Contractor editable form of the Drawings, the Contractor shall furnish to the Engineer as-built data for incorporation in the Drawings. Upon receipt of PDF versions of the as-built drawings prepared by the Engineer, the Contractor shall furnish to the Engineer 6 copies and one reproducible of these Drawings.

The price of such Drawings shall be deemed to be included in the Contract Price.”

Following Sub-Clause is added:

4.4.4 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 exceed 21 days and be construed as a complete check but will indicate only that the general method of construction and detailing is satisfactory and the Engineer’s review or approval shall not relieve the Contractor of any of his responsibilities under the Contract.

4.8 Health and Safety Obligations

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

In the event of work being carried out outside the normal working hours and 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.

4.20 Progress Reports

At the end of sub-paragraph (g) the word “and” is deleted and at the end of sub-paragraph (h) the full stop (.) is replaced with “;”, and the following new sub-paragraphs are added as:

- (i) planned programme for the execution of the Works for next 56 days to enable the Engineer to determine its programme of inspection and testing;
- (j) monthly summary of daily job record indicating weather conditions, deployment of Contractor’s Equipment, labour employment, local material procurement and material import, if any; and
- (k) salient contractual and project information.

5.1 Subcontractors

Add the following text at the end of paragraph (ii):

“under Schedule to Bid”

The following is added at the end of the last paragraph of Sub-Clause 5.1:

“All subcontracts relating to the Works shall include provisions which entitle the Employer to require the subcontract to be assigned to the Employer under sub-paragraph (a) of Sub-Clause 15.2.3 [After Termination].

The Contractor shall give reasonable opportunity to contractors from Islamic Republic of Pakistan for subcontracts for the Works, and endeavour to employ such contractors as Subcontractors.”

5.2 Nominated Subcontractors

5.2.2 Objection to Nomination

In sub-paragraph (c), “and” is deleted from the end of (i);

“.” at the end of (ii) is replaced with: “, and”.

The following is then added as (iii):

“(iii) be paid only if and when the Contractor has received from the Employer payments for sums due under the Subcontract referred to under Sub-Clause 5.2.3 [Payment to nominated Subcontractors].”

6.1 Engagement of Staff and Labour

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

“The Contractor shall, to the extent practicable and reasonable, employ staff (not less than 50%) and labour (not less than 85%) with appropriate qualifications and experience from sources within the Islamic Republic of Pakistan.”

6.7 Health and Safety of Personnel

The existing text is substituted with the following:

“In order to provide for the safety, health and 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 authorize 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 also provide all other medical services and appoint a health and safety officer at Site if stated in the Specifications. In case of any fatality or serious accident, the Contractor shall, in addition, notify the Engineer immediately by the quickest available means.”

6.8 Contractor's Superintendence

Insert at the end of sub-paragraph (a) of this Sub-Clause:

"or, if not, the Contractor shall make competent interpreters available during all working hours, in a number sufficient for those persons to properly perform their superintendence duties"

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

“The Contractor's authorized representative and his other engineers working at site shall possess valid registration with the Pakistan Engineering Council.

The Contractor's authorized representative at Site shall be authorized to exercise adequate administrative and financial powers on behalf of the Contractor so as to achieve completion of the Works as per the Contract.”

6.12 Key Personnel

The following is inserted at the end of the last paragraph:

“If any of the Key Personnel are not fluent in this language, the Contractor shall make competent interpreters

available during all working hours in a number deemed sufficient by the Engineer.”
The following Sub-Clauses 6.13 to 6.26 are added at the end of Sub-Clause 6.12:

6.13 Foreign Personnel

The Contractor may bring in to the Country any foreign personnel who are necessary for the execution of the Works to the extent allowed by the applicable Laws. The Contractor shall ensure that these personnel are provided with the required residence visas and work permits. The Employer will, if requested by the Contractor, use all reasonable endeavours in a timely and expeditious manner to assist the Contractor in obtaining any local, state, national, or government permission required for bringing in the Contractor’s personnel.

The Contractor shall be responsible for the return of these personnel to the place where they were recruited or to their domicile. In the event of the death in the Country of any of these personnel or members of their families, the Contractor shall similarly be responsible for making the appropriate arrangements for their return or burial.

6.14 Supply of Foodstuffs

The Contractor shall arrange for the provision of a sufficient supply of suitable food as may be stated in the Specification at reasonable prices for the Contractor’s Personnel for the purposes of or in connection with the Contract.

6.15 Supply of Water

The Contractor shall, having regard to local conditions, provide on the Site an adequate supply of drinking and other water for the use of the Contractor’s Personnel.

6.16 Measures against Insect and Pest Nuisance

The Contractor shall at all times take the necessary precautions to protect the Contractor’s Personnel employed on the Site from insect and pest nuisance, and to reduce the danger to their health. The Contractor shall comply with all the regulations of the local health authorities, including use of appropriate insecticide.

6.17 Alcoholic Liquor or Drugs

The Contractor shall not, otherwise than in accordance with the Laws of the Country, import, sell, give, barter or otherwise dispose of any alcoholic liquor or drugs, or permit or allow importation, sale, gift, barter or disposal thereto by Contractor’s Personnel.

6.18 Arms and Ammunition

The Contractor shall not give, barter, or otherwise dispose of, to any person, any arms or ammunition of any kind, or allow Contractor’s Personnel to do so.

6.19 Festivals and Religious Customs

The Contractor shall respect the Country’s recognized festivals, days of rest and religious or other customs.

6.20 Funeral Arrangements

The Contractor shall be responsible, to the extent required by local regulations, for making any funeral arrangements for any of its local employees who may die while engaged upon the Works.

6.21 Forced Labour

The Contractor, including its Subcontractors, shall not employ or engage forced labour which consists of any work or service, not voluntarily performed, that is exacted from an individual under threat of force or penalty, and includes any kind of involuntary or compulsory labour, such as indentured labour, bonded labour or similar labour-contracting arrangements.

6.22 Child Labour

The Contractor, including its Subcontractors, shall not employ or engage child labour in accordance with relevant law(s) in force in Islamic Republic of Pakistan.

6.23 Employment Records of Workers

The Contractor shall keep complete and accurate records of the employment of labour at the Site. The records shall include the names, ages, genders, hours worked and wages paid to all workers. These records shall be summarized on a monthly basis and submitted to the Engineer. These records shall be included in the details to be submitted by the Contractor under Sub-Clause 6.10 [Contractor's Records].

6.24 Workers' Organizations

The Contractor shall comply with the relevant labour laws of Pakistan which recognize workers' rights to form and to join workers' organizations/Trade Union of their choosing and to bargain collectively without interference.

6.25 Non-Discrimination and Equal Opportunity

The Contractor shall not make decisions relating to the employment or treatment of Contractor's Personnel on the basis of personal characteristics unrelated to inherent job requirements. The Contractor shall base the employment of Contractor's Personnel on the principle of equal opportunity and fair treatment, and shall not discriminate with respect to any aspects of the employment relationship, including recruitment and hiring, compensation (including wages and benefits), working conditions and terms of employment, access to training, job assignment, promotion, termination of employment or retirement, and disciplinary practices. Special measures of protection or assistance to remedy past discrimination or selection for a particular job based on the inherent requirements of the job shall not be deemed discrimination. The Contractor shall provide protection and assistance as necessary to ensure nondiscrimination and equal opportunity, including for specific groups such as women, persons with disabilities, migrant workers and children (of working age in accordance with Sub-Clause 6.22).

6.26 Epidemics

In the event of any out-break of illness of 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 the purpose of overcoming the same.

7.7 Ownership of Plant and Materials

The following is added before the first paragraph:

"Except as otherwise provided in the Contract,"

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

"No Plant and/or Materials that is the property of the Employer shall be removed from the Site. If it becomes necessary to:

(i) remove any item of such Plant from the Site for the purposes of repair, the Contractor shall give a Notice, with reasons, to the Engineer requesting consent to remove the defective or damaged item off the Site. This Notice shall clearly identify the item of defective or damaged Plant, and shall give details of: the defect or damage to be repaired; the place to which defective or damaged item of Plant is to be taken for repair; the

transportation to be used (and insurance cover for such transportation); the proposed inspections and testing off the Site; and the planned duration required before the repaired item of Plant shall be returned to the Site. The Contractor shall also provide any further details that the Employer may reasonably require; or

(ii) replace any item(s) of such Plant and/or Materials, the Contractor shall give a Notice, with reasons, to the Engineer clearly identifying the item(s) of Plant and/or Materials to be replaced, and giving details of the due date of delivery to the Site of the replacement item(s).

Where any item of Plant and/or Materials has become the property of the Employer under this Sub-Clause before it has been delivered to the Site, the Contractor shall ensure that such an item is not moved except for its delivery to the Site.

The Contractor shall indemnify and hold the Employer harmless against and from the consequences of any defect in title or encumbrance or charge (except any reasonable restriction arising from the intellectual property rights of the manufacturer or producer) on any item of Plant and/or Materials that has become the property of the Employer under this Sub-Clause."

The following Sub-Clause 7.9 is added after Sub Clause 7.8:

7.9 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.

8.1 Commencement of Works

The following is added before the first paragraph:

"After signing of the Contract Agreement by both Parties," and thereafter the word "The" is replaced with the word "the".

8.5 Extension of Time for Completion

The following is added after paragraph (c):

"for last five years".

The following Sub-Clause 8.14 is added after Sub-Clause 8.13:

8.14 Incentives For Early Completion

If Contract Data does not state applicability of incentives for early completion, this Sub-Clause shall not apply.

The Contractor shall be entitled subject to Sub-Clause 20.2 [Claims for Payment and/or EOT] to bonus payment if the Works and/or each Section is completed earlier than the Time for Completion for the Works or Section (as the case may be). The amount of bonus for early completion of the Works and/or each Section shall be up to a limit and at a rate to 50% of the relevant limit and rate of delay damages prescribed in Contract Data and shall be paid for every day which shall elapse between the relevant Date of Completion of the Works or Section and the relevant Time for Completion.

For the purposes of calculating any bonus payment, the applicable Time for Completion stated in the Contract Data is fixed and no adjustments of this time by reason of granting an EOT will be allowed.

The following Sub-Clause 11.12 is added after Sub-Clause 11.11:

11.12 Supervisory Assistance During DNP

If provided under the Schedule of Prices, the Contractor shall provide supervisory assistance to the Employer during the DNP for the Works. Such supervisory assistance shall be as described in the Specification for the purpose of supporting the Employer's operation and maintenance of the Plant for the period specified in the Schedule of Prices after the Date of Completion.

12.2 Method of Measurement

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

“Summary of measured quantity for payment shall be delineated item-wise under four headsnamely; “Schedule of Prices Quantity”, “Quantity Executed To-date”, “Quantity Certified Previously” and “Net Quantity Executed under this Certificate”.

12.3 Valuation of the Works

The following text is added at the end of fifth paragraph of the Sub-Clause:

“Sum of overhead charges and profit for sub-paragraph (a) shall be Twenty Five percent (25%)”.

13.4 Provisional Sums

The following paragraph is inserted as the penultimate paragraph:

“The Provisional Sum shall be used to cover the Employer’s share of the DAAB members’ fees and expenses, in accordance with Clause 21. No prior instruction of the Engineer shall be required with respect to the work of the DAAB. The Contractor shall submit the DAAB members’ invoices and the satisfactory evidence of having paid 100% of such invoices as part of the substantiation of those Statements submitted under Sub-Clause 14.3.

13.6 Adjustments for Changes in Laws

The following paragraphs are added at the end of the Sub-Clause:

“Notwithstanding the foregoing, the Contractor shall not be entitled to an extension of time if the relevant delay has already been taken into account in the determination of a previous extension of time and such Cost shall not be separately paid if the same shall already have been taken into account in the indexing of any inputs to the Table of Adjustment Data in accordance with the provisions of Sub-Clause 13.7 [Adjustments for Changes in Cost].”

14.1 The Contract Price

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

“Notwithstanding the provisions of subparagraph (b), Contractor's Equipment, including essential spare parts, imported by the Contractor for the sole purpose of executing the Contract shall be temporarily exempt from the payment of import duties and taxes upon initial importation, provided the Contractor shall post with the customs authorities at the port of entry an approved re-export bond or bank guarantee, valid until the Time for Completion plus six months, in an amount equal to the full import duties and taxes which would be payable on the assessed imported value of such Contractor's Equipment and spare parts, and callable in the event the Contractor's Equipment is not re-exported from the Country on completion of the Contract. A copy of the bond or bank guarantee endorsed by the customs authorities shall be provided by the Contractor to the Employer upon the importation of individual items of Contractor's Equipment and spare parts. Upon re-export of individual items of Contractor's Equipment or spare parts, or upon the completion of the Contract, the Contractor shall prepare, for approval by the customs authorities, an assessment of the residual value of the Contractor's Equipment and spare part to be re-exported, based on the depreciation scale(s) and other criteria used by the customs authorities for such purposes under the provisions of the applicable Laws. Import duties and taxes shall be due and payable to the customs authorities by the Contractor on (a) the difference between the initial imported value and the residual value of the Contractor's Equipment and spare parts to re-exported; and (b) on the initial imported value of the Contractor's Equipment and spare parts remaining in the Country after completion of the Contract. Upon payment of such dues within 28 days of being invoiced, the bond or bank guarantee shall be reduced or released accordingly; otherwise the security shall be called in the full amount remaining.”

[The Employer may change or delete this Sub-Clause as per Project requirements]

14.2 Advance Payment

14.2.1 Advance Payment Guarantee

The entity issuing the Advance Payment Guarantee and its form shall be as under:

The Advance Payment Guarantee shall be in the form of Guarantee issued by (a) a Scheduled Bank in Pakistan or (b) a foreign bank duly counter-guaranteed by a Scheduled Bank in Pakistan or (c) an Insurance Company listed in the Contract Data and rated by PACRA/VIS of rating as provided in Table below:

Accepted Contract Amount (In Eq. million PKR) Minimum Rating of Insurance Companies

Up to 1000 A (+)

1001 to no limit AA

In case of Joint Venture, the Advance Payment Guarantee(s) shall be in the name of the Joint Venture or in the name of Lead/either firm of the JV or in ratio of shares of the individual JV partners.

14.6 Issue of IPC

14.6.1 The IPC

In the first line of the 1st paragraph the words “28 days” are substituted by “14 days”.

14.7 Payment

The words “or through crossed cheque in favour of the Contractor or JV partners. The Payment to JV partners shall be made at the request of the Joint Ventures in the ratio of their shares specified by them” are added at the end of the Sub-Clause.

14.8 Delayed Payment

In the first paragraph, third line, the words “compounded monthly” are deleted.

The text of 2nd paragraph is deleted and substituted with the following:

“The Employer shall pay to the Contractor compensation at the rate stated in the Contract Data.”

14.9 Release of Retention Money

The following is added at the end of Sub-Clause 14.9:

“Unless otherwise stated in the Contract, when the Taking-Over Certificate has been issued for the Works and the first half of the Retention Money has been certified for payment by the Engineer, the Contractor shall be entitled to substitute a guarantee, in the form annexed to the Particular Conditions or in another form approved by the Employer and issued by a schedule bank selected by the Contractor, for the second half of the Retention Money. The Contractor shall ensure that the guarantee is in the amounts and currencies of the second half of the Retention Money and is valid and enforceable until the Contractor has executed and completed the Works and remedied any defects, as specified for the Performance Security. On receipt by the Employer of the required guarantee, the Engineer shall certify, and the Employer shall pay the second half of the Retention Money. The release of the second half of the Retention Money against a guarantee shall then be in lieu of the release after the latest of the expiry dates of the Defects Notification Periods. The Employer shall return the guarantee to the Contractor within 21 days after receiving a copy of the Performance Certificate.

If the Performance Security required under Sub-Clause 4.2 is in the form of a demand guarantee, and the amount guaranteed under them when the Taking-Over Certificate is issued is more than half of the Retention Money, then the Retention Money guarantee will not be required. If the amount guaranteed under the Performance Security when the Taking-Over Certificate is issued is less than half of the Retention Money, the Retention Money guarantee will only be required for the difference between half of the Retention Money and the amount guaranteed under the Performance Security.

15.2 Termination for Contractor's Default

15.2.1 Notice

Following text is added at the end of sub-paragraph (h) of this Sub-Clause:

“For the purposes of this Contract, corrupt and fraudulent practices have been defined in Public Procurement Rules 2004.”

15.2.3 After Termination

The word “and” at the end of sub-paragraph (ii) of paragraph (b) is deleted the following paragraph is added after sub-paragraph (iii):

“(iv) all Employer-Supplied Materials and/or Employer's Equipment made available to the Contractor in accordance with Sub-Clause 2.6 [Employer-Supplied Materials and Employer's Equipment], and”

15.4 Payment after Termination

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

“The Employer shall be entitled to sell any of the Contractor's Equipment, Temporary Works and unused materials and apply the proceeds of sale towards payment of any debt due from the Contractor to the Employer under this Clause including any outstanding payments to the Subcontractors.

16.2 Termination by Contractor

16.2.1 Notice

The sub-paragraph (j) is deleted in its entirety.

At the end of sub-paragraph (i) “; or” is replaced with “.” and at the end of sub-paragraph (h) “;” is replaced with “; or”.

In sub-paragraph (f) “84 days” are replaced with “180 days” and text “for reasons not attributable to the Contractor” is added at the end.

16.3 Contractor's Obligations After Termination

Sub-paragraph (c) is deleted and replaced with:

“(c) deliver to the Engineer all Employer-Supplied Materials and/or Employer's Equipment made available to the Contractor in accordance with Sub-Clause 2.6 [Employer-Supplied Materials and Employer's Equipment]; and

(d) remove all other Goods from the Site, except as necessary for safety, and leave the Site.”

17.1 Responsibility for Care of the Works

After the two instances of “Goods” in the last paragraph, the words “Employer-Supplied Materials and/or Employer's Equipment” are added.

The following Sub-Clause 17.7 is added after Sub-Clause 17.6:

17.7 Use of Employer's Accommodation/Facilities

The Contractor shall take full responsibility for the care of the items of the Employer's facilities and/or accommodation, if any, as detailed in the Specification, from the date of use and/or occupation by the Contractor until the date on which such use and/or occupation is re-vested in the Employer.

If any loss or damage happens to any of the above items during a time while the Contractor is responsible for its care, arising from any cause other than a cause for which the Employer is responsible or liable, the Contractor shall promptly rectify the loss or damage at the Contractor's risk and cost.

18.1 Exceptional Events

The words “or disorder” are replaced with “disorder or sabotage” in sub-paragraph (c) of the Clause.

18.4 Consequences of an Exceptional Event

The following is added at the end of sub-paragraph (b) after deleting the “.”:

“, including the costs of rectifying or replacing the Works and/or Goods damaged or destroyed by Exceptional Events, to the extent they are not indemnified through the insurance policy referred to in Sub-Clause 19.2 [Insurance to be provided by the Contractor].”

18.5 Optional Termination

In sub-paragraph (c), the words “and necessarily” are added after the words “was reasonably”.

19.1 General Requirements

Following text is added at the end of first paragraph:

“The Contractor shall immediately after the date of the Letter of Acceptance submit the draft of insurance policies for the Employer’s consent.”

Following text is added at the end of third paragraph:

“The Contractor shall, within the respective periods stated in the Contract Data submit to the Engineer and the Employer a) evidence that the insurances described in this Clause have been effected, and b) copies of policies of the insurances described in Sub-Clauses 19.2.1, 19.2.4 and 19.2.5.”

19.2 Insurance to be provided by the Contractor

19.2.5 Injury to employees

The words “sickness, disease” are deleted in the third line of first paragraph.

The following Sub-Clause is added after Sub-Clause 19.2.6:

19.2.7 Insurance Company

“The Contractor shall be obliged to place all insurances described in this Clause with insurers listed in the Contract Data and rated by PACRA/VISOfrating as provided in Table below:

Accepted Contract Amount (In Eq. million PKR)	Minimum Rating of Insurance Companies
Up to 1000	A (+)
1001 to no limit	AA

21.6 Arbitration

The word “international” is deleted in the sixth line of first paragraph. The text of sub-paragraph (a) is substituted with the following:

“the Dispute shall be finally settled under the Rules of Arbitration, specified in the Contract Data;”

The following Clauses are added after Clause 21

22 Custom Duty

[Employer may incorporate provisions where applicable. However, in order to make the bid more balanced, the payment of Customs Duties should be the responsibility of the Employer.]

23 Taxes

The Contractor, Subcontractors and their employees shall be liable to pay income tax, withholding tax, super tax and other taxes on income arising out of the Contract. The rates and prices as stated in the contract shall be deemed to cover all such taxes.

24 Integrity Part

If it is found and established at any stage that the Contractor or any of his Subcontractors, agents or servants have violated or involved in violation of the Integrity Pact signed by the Contractor 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, agent or servants;

(b) terminate the Contract; and

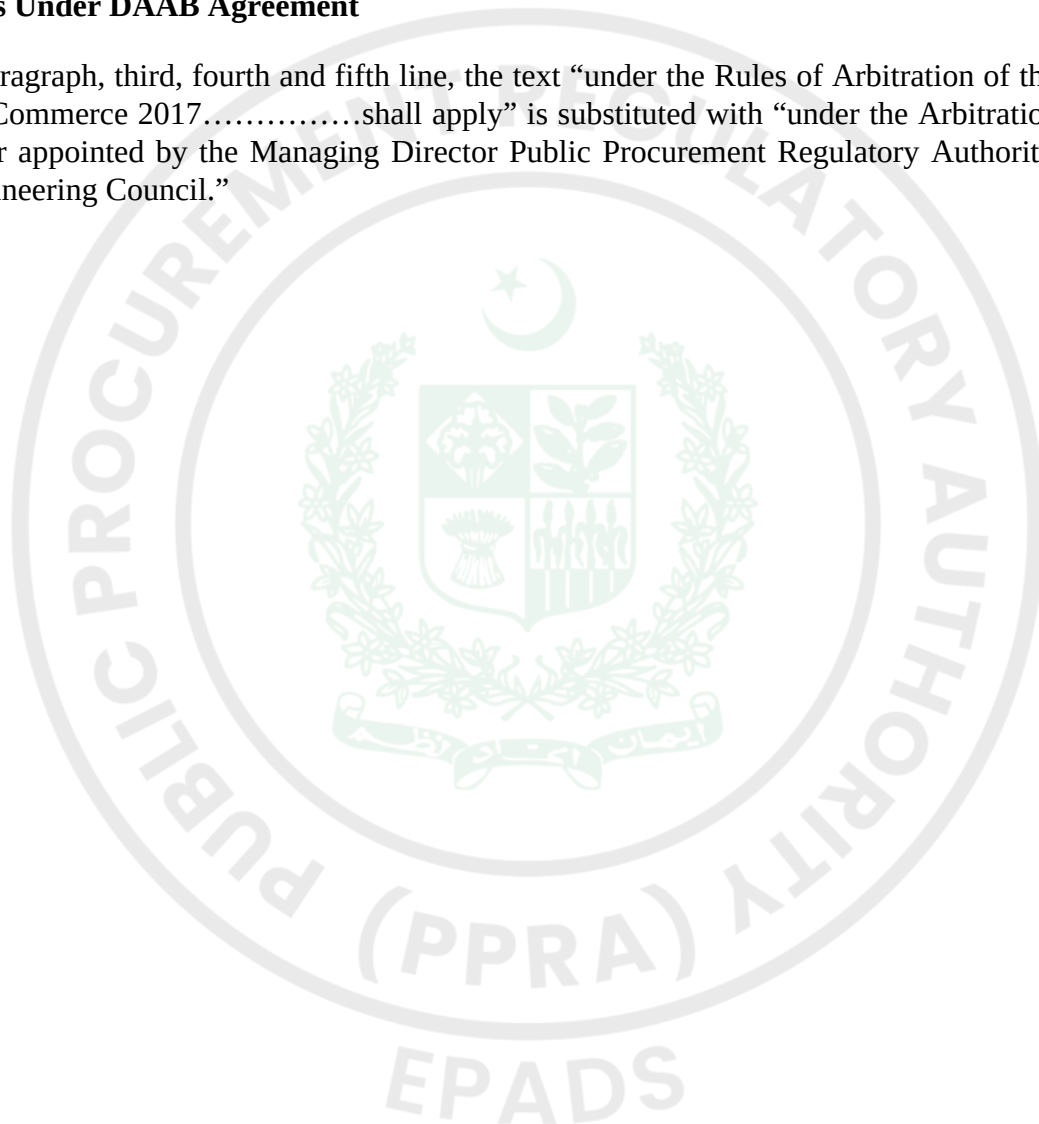
(c) recover from the Contractor any loss or damage to the Employer as a result of such termination or of any other corrupt business practices of the Contractor or any of his Subcontractors, agent or servants.

The termination under sub-paragraph(b) of this Sub-Clause shall proceed in the manner prescribed under Sub-Clause 15.1 to 15.4 and the payment under Sub-Clause 15.4 shall be made after having deducted the amounts due to the Employer under sub-paragraph(a) and (c) of this Sub-Clause.

Appendix General Conditions of Dispute Avoidance/Adjudication Agreement

12 Disputes Under DAAB Agreement

In the first paragraph, third, fourth and fifth line, the text “under the Rules of Arbitration of the International Chamber of Commerce 2017.....shall apply” is substituted with “under the Arbitration Act 1940 by sole arbitrator appointed by the Managing Director Public Procurement Regulatory Authority or Chairman Pakistan Engineering Council.”





Bid Securing Declaration

FORM OF BID SECURING DECLARATION

Date:

No.:

Alternative No.: **P69389**

To: **Procurement and Contract (Capital Development Authority (CDA)), Deputy Director Chairman Office, CDA, G-7/4., Islamabad Capital Territory**

We, the undersigned, declare that:

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

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

- (a) have withdrawn our Bid during the period of Bid validity specified in the Letter of Bid; or
- (b) having been notified of the acceptance of our Bid by the Procuring agency/Employer during the period of Bid validity, (i) fail or refuse to sign the Contract; or (ii) fail or refuse to furnish the Performance Security (or guarantee), if required, in accordance with the ITB.

We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

Name of the Bidder*

Name of the person duly authorized to sign the Bid on behalf of the Bidder** _____

Title of the person signing the Bid _____

Signature of the person named above _____

Date signed _____ day of _____, _____

*: In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder

**: Person signing the Bid shall have the power of attorney given by the Bidder attached to the Bid

[Note: In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all members to the Joint Venture that submits the Bid.]



Contract Form

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the “Agreement”) made on the _____ day of _____ (month) 20____ between **Procurement and Contract (Capital Development Authority (CDA)), Deputy Director Chairman Office, CDA, G-7/4., Islamabad Capital Territory** (hereinafter called the “Employer”) of the one part and _____ (hereinafter called the “Contractor”) of the other part.

WHEREAS the Employer is desirous that certain Works, viz., **TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK, MURREE ROAD, ISLAMABAD (P69389)** should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW this Agreement witnessed as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents, in the order of priority, 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:
 - a) This Contract Agreement;
 - b) The Letter of Acceptance;
 - c) The Letter of Bid;
 - d) The Particular Conditions Part A - Contract Data;
 - e) The Particular Conditions Part B - SpecialProvisions;
 - f) The General Conditions;
 - g) The Specifications Part A - SpecificProvisions;
 - h) The Specifications Part B- Technical Provisions;
 - i) The Drawings;
 - j) The Completed Schedules to Bid including Schedule of Prices;
 - k) the JV Undertaking (if the Contractor is a JV); and
 - l) [Employer to insert any other documents forming part of the Contract]

The addenda/corrigenda,if any, (Excluding part relating to Instructions to Bidders alongwith Bidding Data) shall be deemed to have been incorporated at the appropriate places in the “Documents forming the Contract”.

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, Sealed and Delivered in the presence of:

Witness Witness

(Name, Title and Address) (Name, Title and Address)



DAAB Agreement

[All italicised text and any text within square brackets (except sub-clause headings) in this form of agreement is for use in preparing the form and should be deleted from the final product].

Name and details of the Contract **TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK, MURREE ROAD, ISLAMABAD**

This Agreement made the _____ day of _____ [month], _____ [year], between

Name and contact details of the Employer **Procurement and Contract (Capital Development Authority (CDA)), Deputy Director**

Chairman Office, CDA, G-7/4., Islamabad Capital Territory

+92-300-912-3311

dd.iipcai@cda.gov.pk

Name and contact details of the Contractor _____ (name)

_____ (address)

_____ (telephone)

_____ (email / other contact details);

Name and contact details of the DAAB Member _____ (name)

_____ (address)

_____ (telephone)

_____ (email / other contact details);

("DAAB Agreement")

Whereas:

A. the Employer and the Contractor have entered (or intend to enter) into the Contract;

B. under the Contract, the "DAAB" or "Dispute Avoidance/Adjudication Board" means the sole member or three members (as stated in the Contract Data of the Contract) so named in the Contract, or appointed under Sub-Clause 21.1 [Constitution of the DAAB] or Sub-Clause 21.2 [Failure to Appoint DAAB Members] of the Conditions of Contract;

C. the Employer and the Contractor desire jointly to appoint the above-named DAAB Member to act on the DAAB as:

a. the sole member of the DAAB, and where this is the case, all references to the "Other Members" do not apply; or

b. one of three members / chairman [delete the one which is not applicable] of the DAAB and, where this is the case, the other two persons are:

_____ (name) _____ (name)

_____ (address) _____ (address)

_____ (telephone) _____ (telephone)

_____ (email/ other contact details) _____ (email/other contact details)

the “**Other Members**”; and

D. the DAAB Member accepts this appointment.

The Employer, Contractor and DAAB Member jointly agree as follows:

1. The conditions of this DAAB Agreement comprise:

(a) Clause 21 [Disputes and Arbitration] of the Conditions of Contract, and any other provisions of the Contract that are applicable to the DAAB’s Activities; and

(b) the “General Conditions of Dispute Avoidance/Adjudication Agreement”, which is appended to the General Conditions of the “Conditions of Contract for Construction” Second Edition 2017 published by FIDIC (“GCs”), as amended and/or added to by the following provisions.

2. [Details of amendments to the GCs, if any. For example:

In the procedural rules annexed to the GCs, Rule _ is deleted and replaced by: “ ... “]

3. The DAAB Member shall be paid in accordance with Clause 9 of the GCs. The currency of payment shall be _____.

In respect of Sub-Clauses 9.1 and 9.2 of the GCs, the amounts of the DAAB Member’s monthly fee and daily fee shall be:

monthly fee _____ per month, and

daily fee of _____ per day

(or as otherwise set under Sub-Clause 9.3 of the GCs).

4. In consideration of the above fees, and other payments to be made to the DAAB Member in accordance with the GCs, the DAAB Member undertakes to act as DAAB Member in accordance with the terms of this DAAB Agreement.

5. The Employer and the Contractor shall be jointly and severally liable for the DAAB Member’s fees and other payments to be made to the DAAB Member in accordance with the GCs.

6. This DAAB Agreement shall be governed by the law of _____ (if not stated, the law that governs the Contract under Sub-Clause 1.4 of the Conditions of Contract).

SIGNED by: _____ SIGNED by: _____ SIGNED by: _____

Print name: _____ Print name: _____ DAAB Member

Title: _____ Title: _____ Title: _____

for and on behalf of the

Employer for and on behalf of the

Contractor

in the presence of in the presence of in the presence of

Witness: _____ Witness: _____ Witness: _____

Name: _____ Name: _____ Name: _____

Address: _____ Address: _____ Address: _____

Date: _____ Date: _____ Date: _____

EPADS

FORM OF 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 Pak Rupees _____ (PKR _____) 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, _____

(hereinafter called the "Guarantor") at the request of the Contractor and in consideration of the Employer agreeing to make the above advance to the Contractor, has agreed to furnish the said Guarantee.

NOW, THEREFORE, the Guarantor hereby guarantees that the Contractor shall use the advance for the purpose of above mentioned Contract and if he fails and commits default in 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, on the part of the Contractor, of which the Employer at his discretion of making decision, 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 PKR _____ (Pak Rupees _____).

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
(Scheduled Bank/ Insurance Company)

Signature _____

Name _____

Title _____

WITNESS:

1. _____

Corporate Secretary (Seal) Corporate Guarantor (Seal)
2. _____

Name, Title & Address



Retention Money Security Demand Guarantee

_____ [Guarantor letterhead or SWIFT identifier code]

Beneficiary: _____ [Insert name and Address of Employer]

Date: _____ [Insert date of issue]

RETENTION MONEY GUARANTEE No.: [Insert guarantee reference number]

Guarantor: [Insert name and address of place of issue, unless indicated in the letterhead]

We have been informed that _____ [insert name of Contractor, which in the case of a joint venture shall be the name of the joint venture] (hereinafter called "the Contractor") has entered into Contract No. _____ [insert reference number of the contract] dated _____ with the Employer, for the execution of _____ [insert name of contract and brief description of Works] (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, the Employer retains moneys up to the limit set forth in the Contract ("the Retention Money"), and that when the Taking-Over Certificate has been issued under the Contract and the first half of the Retention Money has been certified for payment, payment of [insert the second half of the Retention Money or if the amount guaranteed under the Performance Guarantee when the Taking-Over Certificate is issued is less than half of the Retention Money, the difference between half of the Retention Money and the amount guaranteed under the Performance Security and, if required, the ES Performance Security] is to be made against a Retention Money guarantee.

At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____ [insert amount in figures] () [amount in words] upon receipt by us of the Employer's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without your needing to prove or show grounds for your demand or the sum specified therein.

A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Employer's bank stating that the second half of the Retention Money as referred to above has been credited to the contractor on its account number _____ at _____ [insert name and address of Contractor's bank].

This guarantee shall expire no later than the day of, 2..., and any demand for payment under it must be received by us at the office indicated above on or before that date.

[signature(s)]

Note: *All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.*



Integrity Pact

Integrity Pact

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

Contract

Number: Contract

Value: Contract Title:

Dated:

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

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

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

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

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

Name of Employer:

Signature:

[Seal]

Name of Bidder/Contractor:

Signature:

[Seal]



Performance Guarantee Form

FORM OF PERFORMANCE SECURITY

Guarantee No. _____

Executed on _____

Expiry date _____

Name _____ of _____ Guarantor _____ with _____ address: _____

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 **Procurement and Contract (Capital Development Authority (CDA)), Deputy Director Chairman Office, CDA, G-7/4., Islamabad Capital Territory** (hereinafter called the Employer) in the penal sum of the amount stated above for the payment of which sum well and truly to be made to the said Employer, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

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

(Name of Contract) for the **TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK, MURREE ROAD, ISLAMABAD (P69389)**

_____ (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 11, Defects After Taking Over, of Conditions of Contract are fulfilled.

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

We, _____ (the Guarantor), waiving all objections and defense 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 decide, 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

(Schedule Bank/ Insurance Company)

Signature: _____

Name: _____

Title: _____

Corporate Guarantor (Seal)

WITNESS:

1. _____

2. _____

Name, Title & Address



Annexure

BOQ Abstract of Cost

The bidder to submit dully filled, signed and stamped BOQ Abstract of Cost.

Financial Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **BOQ Abstract of Cost** (page number: 161)

Drawings Vol-I

Information (Read-Only)

See Form Under Additional Forms and Documents: **Drawings Vol-I** (page number: 162)

Drawings Vol-II

Information (Read-Only)

See Form Under Additional Forms and Documents: **Drawings Vol-II** (page number: 176)

Drawings Vol-III

Information (Read-Only)

See Form Under Additional Forms and Documents: **Drawings Vol-III** (page number: 190)



Procurement Forms

Past Construction Experiences

See Form Under Additional Forms and Documents: **Past Construction Experiences** (page number: 204)

Contractor's Key Personnel Representative and Their Schedules

See Form Under Additional Forms and Documents: **Contractor's Key Personnel Representative and Their Schedules** (page number: 210)

Financial Resources

See Form Under Additional Forms and Documents: **Financial Resources** (page number: 214)

Past Experience and Completed Contracts

See Form Under Additional Forms and Documents: **Past Experience and Completed Contracts** (page number: 215)

Historical Contract Non-Performance, and Pending Litigation and Litigation History

See Form Under Additional Forms and Documents: **Historical Contract Non-Performance, and Pending Litigation and Litigation History** (page number: 216)

Current Contracts and Their Progress

See Form Under Additional Forms and Documents: **Current Contracts and Their Progress** (page number: 218)

Financial Capacity and Net Worth Evaluation Form

See Form Under Additional Forms and Documents: **Financial Capacity and Net Worth Evaluation Form** (page number: 219)

Average Annual Turnover

See Form Under Additional Forms and Documents: **Average Annual Turnover** (page number: 221)





Additional Forms and Documents

BILL OF QUANTITIES

ABSTRACT OF COST

Bidder shall quote Bid Cost in Percentage (above / below) of Estimated Cost in the respective sub heads of the following table:

NIT Cost: Rs. 1,486,784,750/-

SR #	DESCRIPTION	AMOUNT (Rs.)
1	ESTIMATED COST BASED ON MRS, 2 nd BI-ANNUAL-2026 RAWALPINDI	1,190,818,789/-
	Percentage (Above/Below) (Rs.)	
	Rs. (A)	
2	Estimated Cost on Non-Schedule	189,465,961/-
	Percentage (Above/Below) (Rs.)	
	Rs. (B)	
3	Provisional Sum	106,500,000/-
	Percentage (Above/Below) (Rs.)	
	Rs. (C)	
	Total N.I.T Cost	Rs. 1,486,784,750
		In figures
	Total Bid Cost Rs. (A+B+C)	In words

Contractor's Signature/Seal

Note: -

(i) Contractors are required to give separate bids in figures as well as in words for Schedule & Non-Schedule items Above/Below on each part of the tender.

Name of Firm/Contractor:-

Address of the Firm/Contractor:-

Call Deposit Amount & Date:

Name of Bank from Issued

CAPITAL DEVELOPMENT
AUTHORITY
GOVERNMENT OF PAKISTAN



**TRAFFIC MANAGEMENT SOLUTION
AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD**

TENDER DRAWINGS

JUNE, 2026



NATIONAL ENGINEERING SERVICES PAKISTAN (PVT) LIMITED
NESPAK House, 1-C, Block-N, Model Town Extension, Lahore-54700, Pakistan
PABX: 92 42 99090000 Fax: 92 42 99231940
E-mail: Highway@nespak.com.pk Website: www.nespak.com.pk



LIST OF DRAWINGS

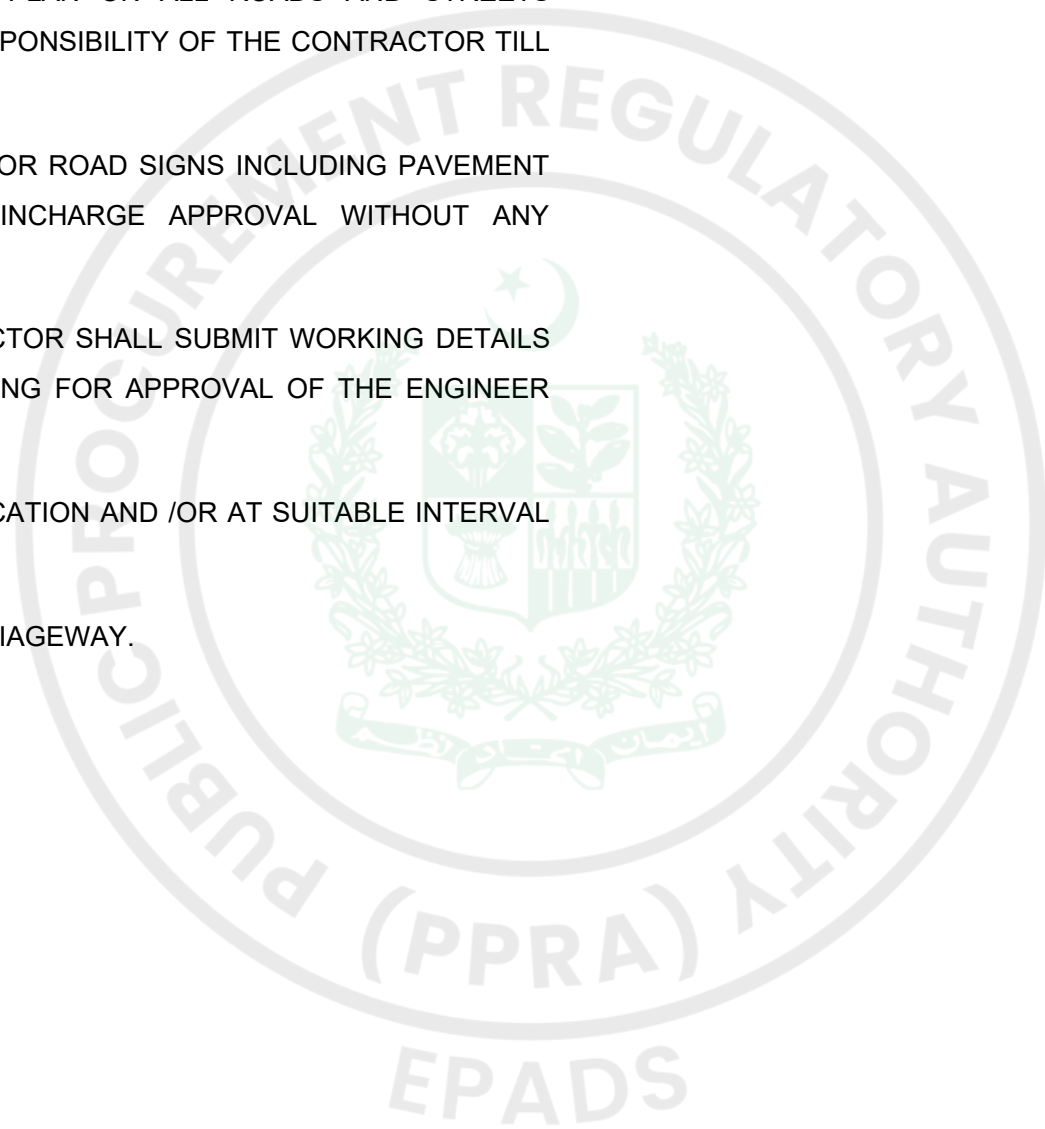
SR. NO.	DRAWING NO.	TITLE
GENERAL		
01	4880/102/TD/1A000	LIST OF DRAWINGS
02	4880/102/TD/1A001	GENERAL NOTES
03	4880/102/TD/1A002	SYMBOLS AND ABBREVIATIONS
PLANS		
01	4880/102/TD/1A003	KEY MAP
02	4880/102/TD/1A004	LOCATION PLAN
03	4880/102/TD/1A005	LAYOUT PLAN
TYPICAL X-SECTION		
01	4880/102/TD/XS001 TO XS002	TYPICAL X-SECTION
PLAN AND PROFILE		
01	4880/102/TD/1C001 & 1C005	PLAN AND PROFILE
ROAD SIGNS		
01	4880/102/TD/RS001	ROAD SIGNS (1) (INFORMATORY SIGN)
02	4880/102/TD/RS002	ROAD SIGNS (2) (INFORMATORY SIGN)
03	4880/102/TD/RS003	ROAD SIGNS (3) (INFORMATORY SIGN)
04	4880/102/TD/RS004	ROAD SIGNS (4) (REGULATORY SIGN)
05	4880/102/TD/RS005	ROAD SIGNS (5) (REGULATORY SIGN)
06	4880/102/TD/RS006	ROAD SIGNS (6) (INFORMATORY SIGN)
07	4880/102/TD/RS007	ROAD SIGNS (7) (REGULATORY SIGN)
08	4880/102/TD/RS008	TYPICAL SIGN PLACING AND FOUNDATION DETAILS
09	4880/102/TD/RS009	TYPICAL SIGN PLACING AND FOUNDATION DETAILS
GANTRY SIGNS		
01	4880/102/TD/RS010	GANTRY SIGN PLAN AND ELEVATION
02	4880/102/TD/RS011	GANTRY SIGN TYPICAL DETAILS
03	4880/102/TD/RS012	GANTRY SIGN FOUNDATION AND TYPICAL DETAILS
04	4880/102/TD/RS013	GANTRY SIGN PLAN AND ELEVATION
05	4880/102/TD/RS014	GANTRY SIGN TYPICAL DETAILS
06	4880/102/TD/RS015	GANTRY SIGN PLAN AND FOUNDATION
07	4880/102/TD/RS016	CANTILEVER GANTRY SIGN 5.5M & 7.0M HEIGHT PLAN ELEVATION & SECTIONS
08	4880/102/TD/RS017	CANTILEVER GANTRY SIGN 5.5M & 7.0M HEIGHT FOUNDATION DETAILS
MISCELLANEOUS DRAWINGS		
01	4880/102/TD/MS001	TYPICAL PAVEMENT MARKING DETAILS (1)
02	4880/102/TD/MS002	TYPICAL PAVEMENT MARKING DETAILS (2)
03	4880/102/TD/MS003	TYPICAL SUPERELEVATION DETAILS

SR. NO.	DRAWING NO.	TITLE
STRUCTURE		
01	4880/033/TD/G001	UNDERPASS GENERAL NOTES
02	4880/033/TD/G01	UNDERPASS GENERAL ARRANGEMENT PLAN
03	4880/033/TD/G02	UNDERPASS SECTION & DETAILS CONCRETE OUTLINE
04	4880/033/TD/G03	UNDERPASS RETAINING WALL (SECTIONS) CONCRETE OUTLINE & REINFORCEMENT
05	4880/033/TD/G04	UNDERPASS RETAINING WALL DETAILS CONCRETE OUTLINE & REINFORCEMENT

CLIENT  CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN	CONSULTANT  NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD. HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.	04				DRAWN	GOHAR	PROJECT TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD	LIST OF DRAWINGS		SCALE
		03				SUBMITTED					
		02				RECOMMENDED					
		01				CHD./VER.			DATE	DRAWING No.	REV.
				REV.	DATE	DESCRIPTION	APPROVED		APPROVED		

GENERAL NOTES

1. GRID COORDINATES & ELEVATIONS ARE BASED ON U.T.M.
2. LOCATION OF UNDER GROUND CABLES/UTILITIES SHOWN ON PLAN ARE APPROXIMATE. EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR AT NO EXTRA COST TO THE EMPLOYER.
3. ANY DAMAGE DONE TO THE UTILITIES DURING EXCAVATION/EXECUTION OF WORK SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXTRA COST TO THE EMPLOYER.
4. TEMPORARY DIVERSION, OR TRAFFIC MANAGEMENT PLAN ON ALL ROADS AND STREETS CROSSING THE MAIN CARRIAGEWAY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TILL PERMANENT CROSSING FACILITIES ARE CONSTRUCTED.
5. THE CONTRACTOR SHALL PREPARE SHOP DRAWINGS FOR ROAD SIGNS INCLUDING PAVEMENT MARKING, ETC. AND SUBMIT FOR THE ENGINEER INCHARGE APPROVAL WITHOUT ANY ADDITIONAL COST TO THE EMPLOYER.
6. BEFORE STARTING PAVEMENT MARKING, THE CONTRACTOR SHALL SUBMIT WORKING DETAILS SHOWING EXACT LOCATION, TYPE AND SIZE OF MARKING FOR APPROVAL OF THE ENGINEER INCHARGE.
7. SERVICE DUCTS SHALL BE PROVIDED AT JUNCTION LOCATION AND /OR AT SUITABLE INTERVAL AS DIRECTED BY THE ENGINEER INCHARGE.
8. 1200mm ROAD SIGNS SHALL BE USED ALONG MAIN CARRIAGEWAY.



CLIENT  CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN	CONSULTANT  NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.	04				DRAWN	GOHAR	PROJECT TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD	GENERAL NOTES		SCALE
		03				SUBMITTED					
		02				RECOMMENDED					
		01				CHD./VER.					
		HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.									
	REV.	DATE	DESCRIPTION			APPROVED	APPROVED		DATE	DRAWING No.	REV.
									JUNE, 2026	4880/102/TD/1A001	^

SYMBOLS

ABBREVIATIONS

DESIGN CENTER LINE	
RIGHT OF WAY	
LAND ACQUISITION	
TREES	
BUSHES	
MOSQUE	
PERMANENT HOUSE / TEMPORARY	
GRAVES / GRAVE YARD	
TELEPHONE POLE	
ELECTRIC LINE	
EARTHEN TRACK	
METALLED ROAD	
ELECTRIC POLE	
GRID NORTH	
TRAVERSE /BM POINTS	
POINT OF INTERSECTION	
FENCE	
SUI GAS PIPE LINE	
WATER PIPE LINE	
TUBE WELL	
BOUNDARY LINE	
MAN HOLE	

NULLAH (STREAM)	
BRICK KILN	
PIPE CULVERT (PLAN)	
BOX CULVERT (PLAN)	
PTCL BOX	
HAND PUMP	
CANAL / DRAIN	
RAILWAY TRACK	
WATER COURSE	
GRID LINE	
SHRINE	
SPOT LEVEL (TYP.)	
ROAD SIGN (IN PLAN)	
EXISTING GROUND LEVEL (PROFILE)	
FINISHED GRADE LINE (PROFILE)	
BRIDGE (PROFILE)	
FLYOVER (PROFILE)	
BOX CULVERT (PROFILE)	
PIPE CULVERT (PROFILE)	
OPTIC FIBER CABLE	
GUARD RAIL	
DYKES AND CHUTES	
UTILITY DUCT FOR PTCL	
UTILITY DUCT FOR WAPDA	

A	AREA
ALIG.	ALIGNMENT
B	BRIDGE
BD	SUFFIX USED FOR CONTROL POINTS OF DASKA BYPASS
BC	BOX CULVERT
B.M	BENCH MARK
B.N	BOLT & NUT
BOP	BEGINNING OF PROJECT
C	CHORD LENGTH
C.B.R	CALIFORNIA BEARING RATIO
C/C	CENTER TO CENTER
CD	CULVERT OVER DRAIN
CHD.	CHECKED
C/L, CL	CENTER LINE
CM/cm	CENTIMETER
CONC.	CONCRETE
CONST/JT	CONSTRUCTION JOINT
CS	CURVE TO SPIRAL
CUL	CULVERT
Cu.m	CUBIC METER
CURVE LEN	VERTICAL CURVE LENGTH
D	DEPTH
Da	DEGREE OF CURVE (BY ARC)
Dc	DEGREE OF CURVE (BY CHORD)
DEG	DEGREE
DIA.	DIAMETER
DIM.	DIMENSION
D/S	DOWNSIDE
D.S.T	DOUBLE SURFACE TREATMENT
DRG.	DRAWING
E	EASTING, EAST, EXTERNAL DISTANCE (SHIFT)
ELEV./EL	ELEVATION
EOP	END OF PROJECT
EXP/JT	EXPANSION JOINT
G.I	GALVANIZED IRON
H/HOR.	HORIZONTAL
H.T/L.T	HIGH TENSION/LOW TENSION
HF	HEIGHT OF FILL
HFL	HIGH FLOOD LEVEL
HR	SUFFIX USED FOR CONTROL POINTS OF REALIGNED MOTORWAY.
I	DEFLECTION ANGLE (HORIZONTAL CURVE)
Ic	CIRCULAR DEFLECTION ANGLE
I.L	INVERT LEVEL
IS	SPIRAL DEFLECTION ANGLE
K	REFERRED TO STRAIGHT END OF SPIRAL
Kg.	KILOGRAM
KM/Km	ABSCISSA OF PC OF SHIFTED CIRCULAR CURVE KILOMETER
L	LENGTH OF HORIZONTAL CURVE/SPIRAL
LIN.M	LINEAR METER
LHS.	LEFT HAND SIDE
LS	SUFFIX USED FOR CONTROL POINTS OF MAIN MOTORWAY
LT.	LEFT
LT	LONG TANGENT
M/m	METER
M	MIDDLE ORDINATE
MAX.	MAXIMUM
M.H	MAN HOLE
MIN.	MINIMUM
MM/mm	MILLIMETER
0°09'49"	ANGULAR DIMENSION (0 deg, 9 min 49 sec)

LWC	LINED WATER COURSE
N.S.L	NATURAL SURFACE LEVEL (E.G.L)
N	NORTHING, NORTH
n	EMBANKMENT SLOPE
NO.	NUMBER
N.T.S	NOT TO SCALE
P	OFFSET OF TANGENT LINE TO PC OF SHIFTED CIRCLE CURVE
PC	POINT OF HORIZONTAL CURVATURE (START OF HORIZONTAL CURVE)
P.C.	REINFORCED CONCRETE PIPE CULVERT
PGL	PROFILE GRADE LINE
P.I.	PLASTICITY INDEX
PI	POINT OF HORIZONTAL INTERSECTION
PL	PLATE
PR	POINT OF ROTATION
PT	POINT OF HORIZONTAL TANGENCY (END OF HORIZONTAL CURVE)
R	RADIUS OF HORIZONTAL CURVE
R.C	REINFORCED CONCRETE
REINF.	REINFORCEMENT
REV.	REVISION
RHS.	RIGHT HAND SIDE
R.O.W.	RIGHT OF WAY
PUP	PEDESTRIAN UNDERPASS
UP-1	UNDERPASS WITH CLEARANCE 5.1m
UP-2	UNDERPASS WITH CLEARANCE 3.5m
RT.	RIGHT
R/W	RETAINING WALL
RWC	RELOCATED WATER COURSE
S	SLOPE GRADIENT (PERCENT)
S.B.P	SHOULDER BREAK POINT
S.C.	SLAB CULVERT
SC	SPIRAL TO CURVE
SHLD	SHOULDER
Sq.m	SQUARE METER
S.T.	SHORT TANGENT
ST	SPIRAL TO TANGENT
STA./STA	STATION (CHAINAGE)
STRUCT	STRUCTURE
SUPEREL.	SUPERELEVATION
S'WALK	SIDE WALK
SW	SUBWAY
T	TANGENT LENGTH OF HORIZONTAL CURVE
TS	TANGENT TO SPIRAL
T.S.T	TRIPLE SURFACE TREATMENT
TAN.	TANGENT
TH	THICKNESS
TR	TRANSITION
TYP.	TYPICAL
U/S	UPSTREAM
V	VERTICAL
VAR.	VARIABLE
VER.	VERIFIED
VPC	VERTICAL POINT OF CURVATURE (START OF VERTICAL CURVE)
VPI	VERTICAL POINT OF INTERSECTION OF PROFILE GRADE.
VPT	VERTICAL POINT OF TANGENCY (END OF VERTICAL CURVE)
W.	WEST, WIDTH OF ROADWAY, WIDTH OF FILL SLOPE
WFS	WIDTH OF FILL SLOPE
W.B.M	WATER BOUND MACADAM
WC	WATER COURSE
WCC	WATER COURSE CULVERT
WS	SUFFIX USED FOR CONTROL POINTS OF WADALA SANDHUAN
θ	SKEW ANGLE

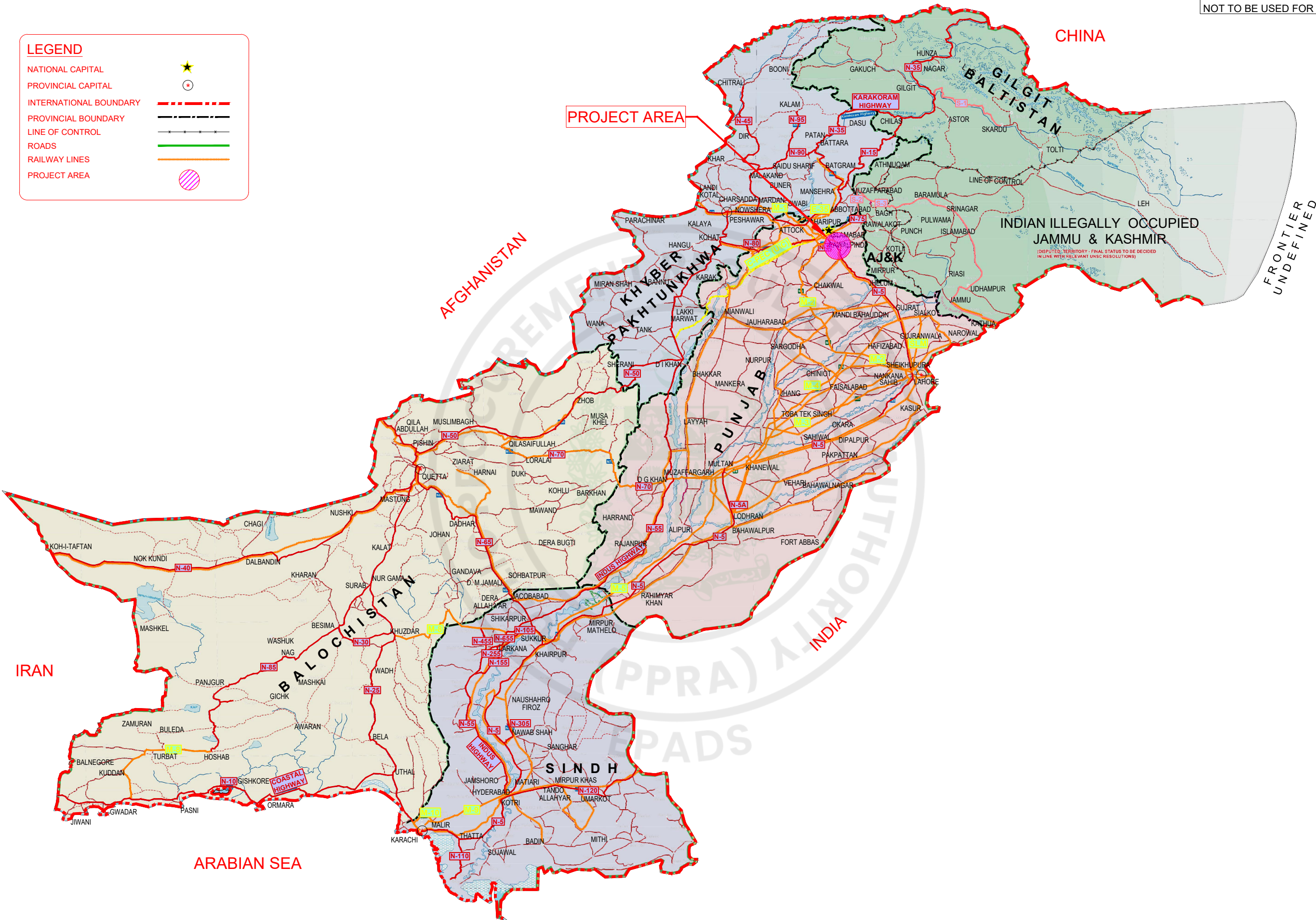
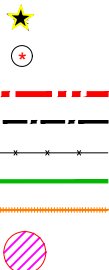
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 CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.		03		SUBMITTED				TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD		SYMBOLS & ABBREVIATIONS					
				02		RECOMMENDED											
				01		CHD./VER.											
				REV.		DATE		DESCRIPTION						APPROVED		APPROVED	
				HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.													
										DATE		DRAWING No.		REV.			
										JUNE, 2026		4880/102/TD/1A002		^			



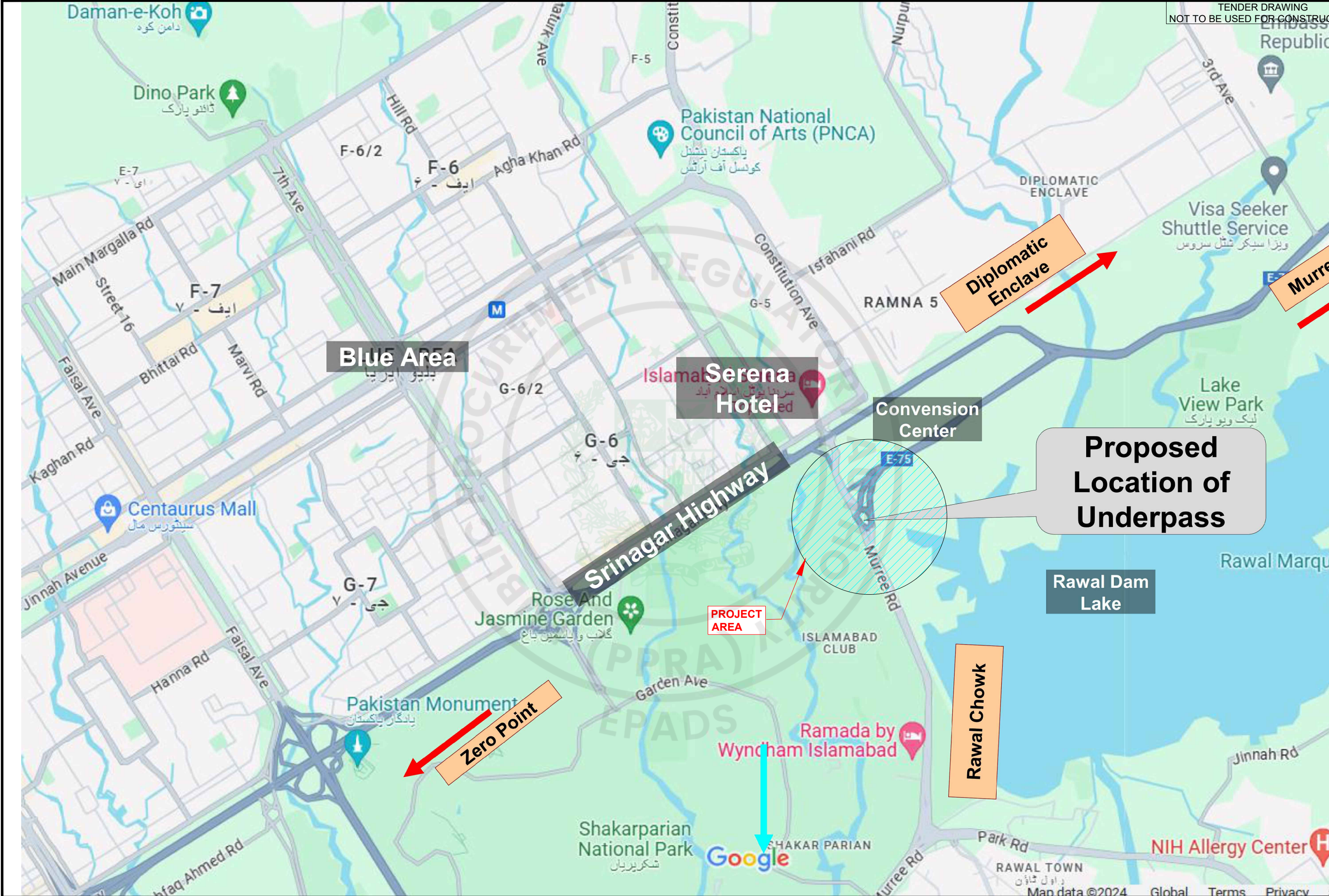
PLANS

LEGEND

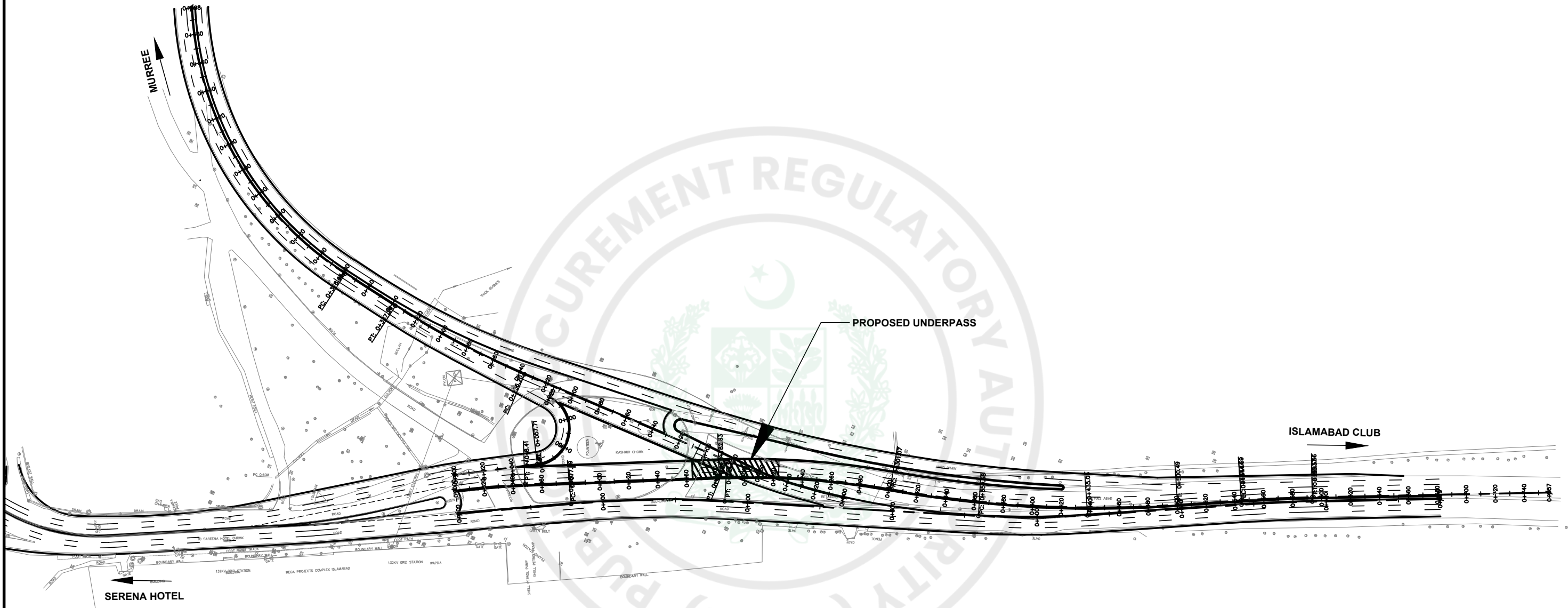
- NATIONAL CAPITAL
PROVINCIAL CAPITAL
INTERNATIONAL BOUNDARY
PROVINCIAL BOUNDARY
LINE OF CONTROL
ROADS
RAILWAY LINES
PROJECT AREA



CLIENT  CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN	CONSULTANT  NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.	04				DRAWN	GOHAR	PROJECT TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD	KEY MAP		SCALE
		03				SUBMITTED					
		02				RECOMMENDED					
		01				CHD./VER.					
		HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.									
	REV.	DATE	DESCRIPTION		APPROVED	APPROVED			DATE	DRAWING No.	REV.
								JUNE, 2026	4880/102/TD/1A003	↗	

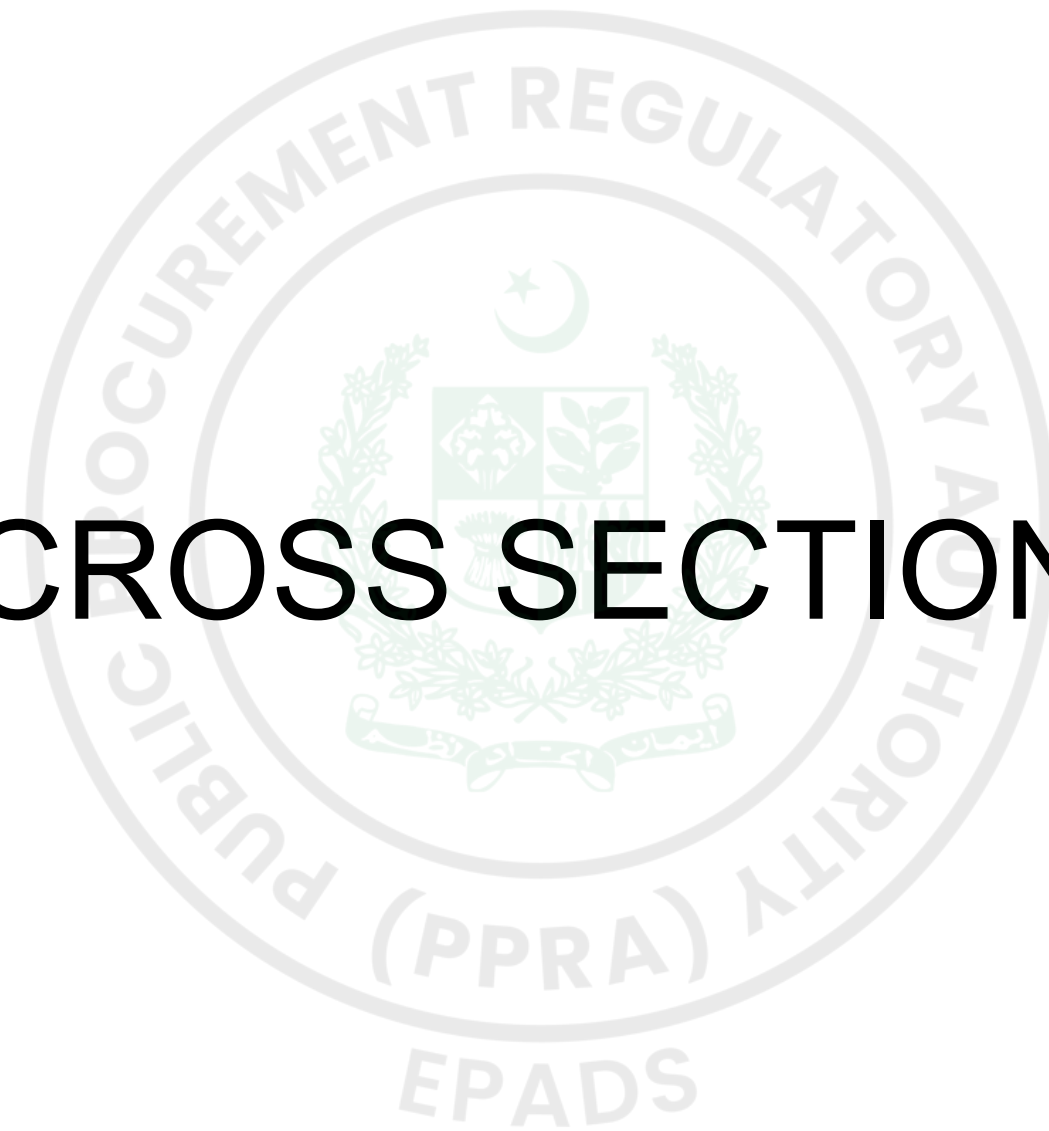


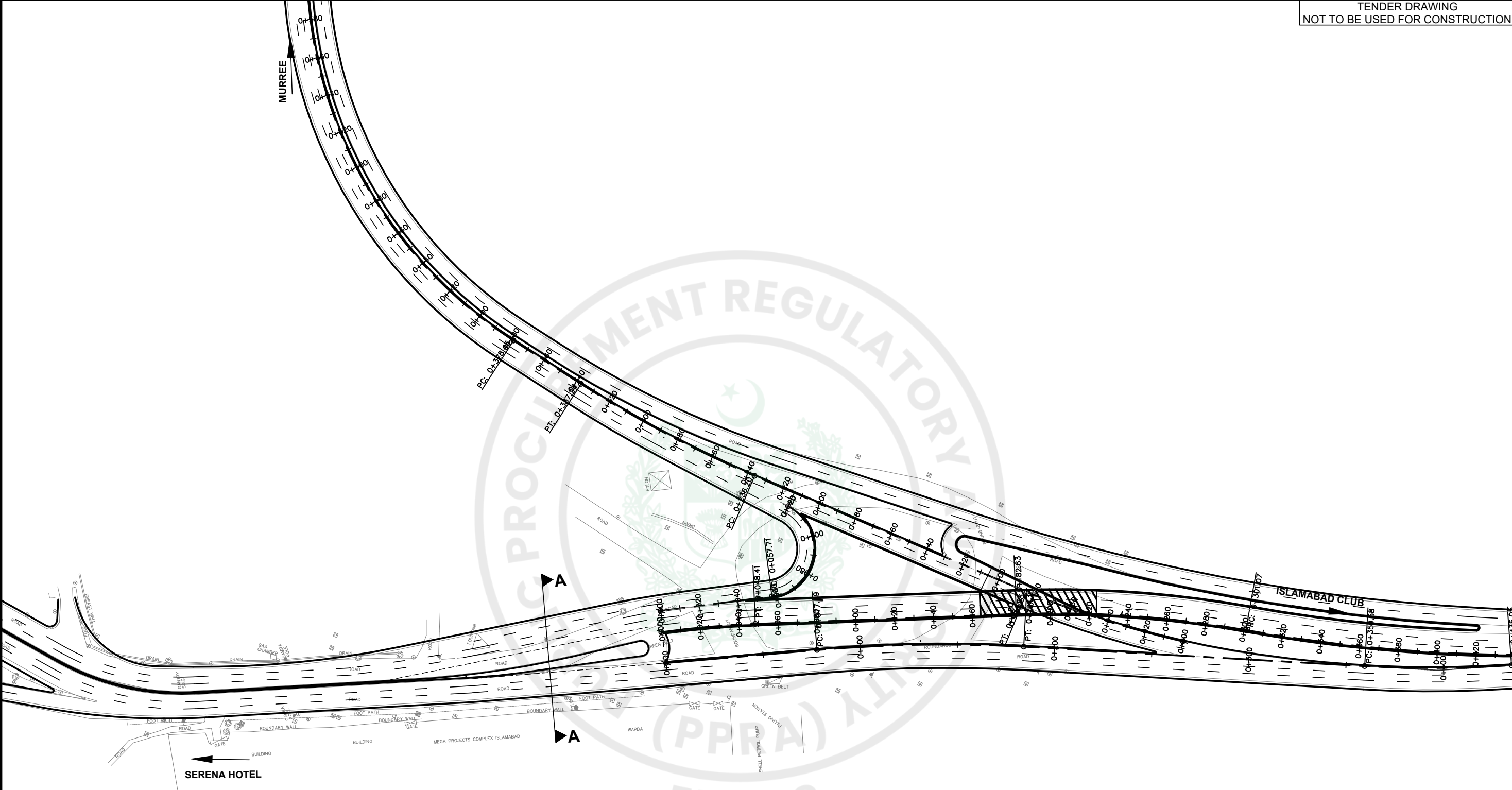
CLIENT		CONSULTANT		04		DRAWN		GOHAR		PROJECT		LOCATION PLAN		SCALE			
 CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.		03		SUBMITTED				TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD		DATE		DRAWING No.		REV.	
				02		RECOMMENDED											
				01		CHD./VER.											
				REV.		DATE		DESCRIPTION									
		HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.										JUNE, 2026		4880/102/TD/1A004		↗	



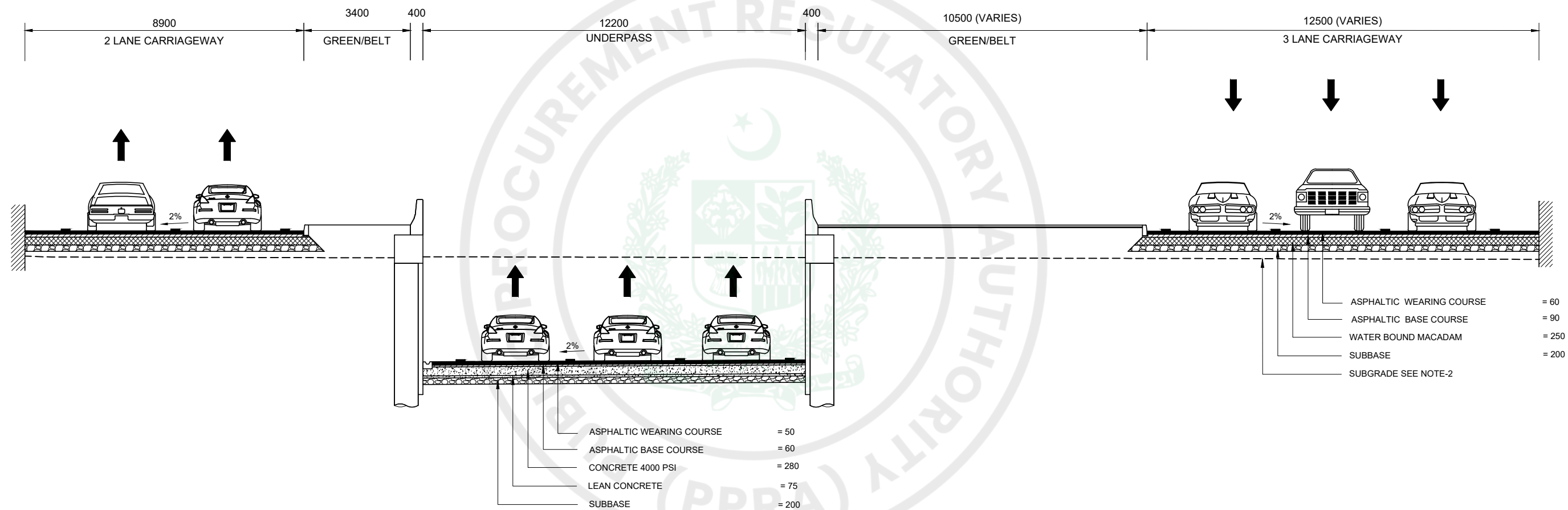
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 CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.		03		SUBMITTED				TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD							
				02		RECOMMENDED											
				01		CHD./VER.											
				REV.		DATE		DESCRIPTION								APPROVED	
		HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.										DATE		DRAWING No.		REV.	
												JUNE, 2026		4880/102/TD/1A005		↗	

CROSS SECTIONS





CLIENT	CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN	CONSULTANT	04				DRAWN	GOHAR	PROJECT TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD	PLAN OF TYPICAL CROSS SECTION		SCALE
		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.	03				SUBMITTED					
			02				RECOMMENDED					
			01				CHD./VER.					
			HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.		REV.	DATE	DESCRIPTION	APPROVED		APPROVED		DATE
								JUNE, 2026	4880/102/TD/XS001			



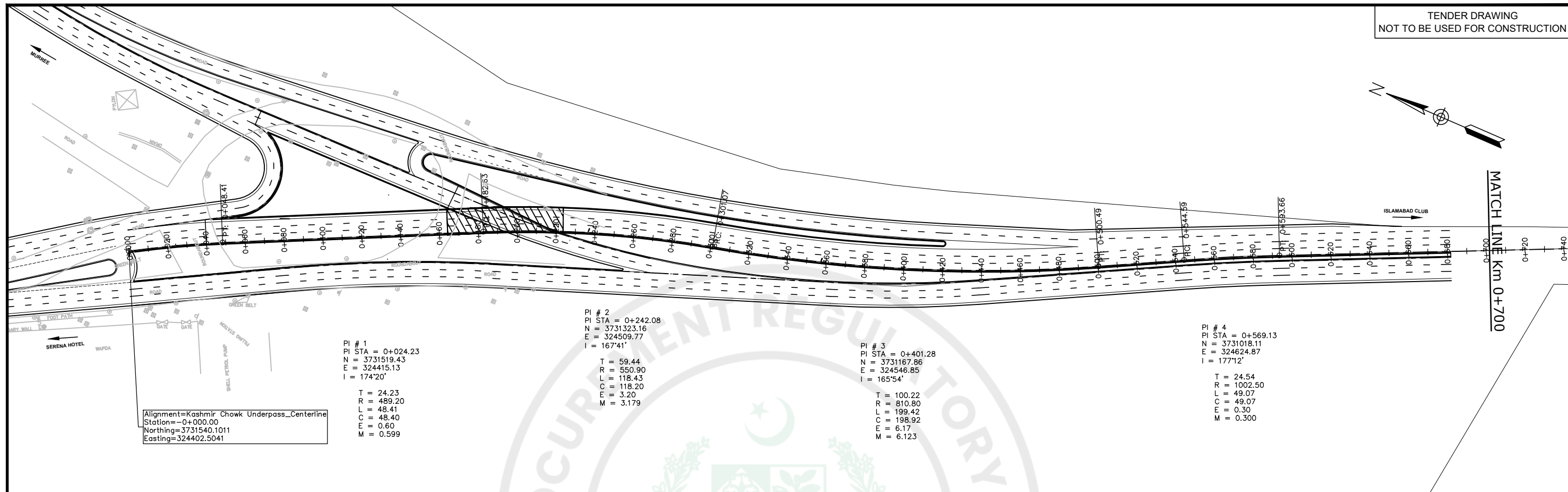
PROPOSED CROSS SECTION A-A

- NOTES:-
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHER WISE NOTED.
 2. SUBGRADE SHALL HAVE MINIMUM SOAKED CBR 8% @ 95% MDD.

CLIENT  CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN	CONSULTANT  NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.	04				DRAWN	GOHAR	PROJECT TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD	TYPICAL CROSS SECTION		SCALE
	03				SUBMITTED						
	02				RECOMMENDED						
	01				CHD./VER.		DATE		DRAWING No.	REV.	
	HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.		REV.	DATE	DESCRIPTION	APPROVED	APPROVED				JUNE, 2026

PLAN AND PROFILE





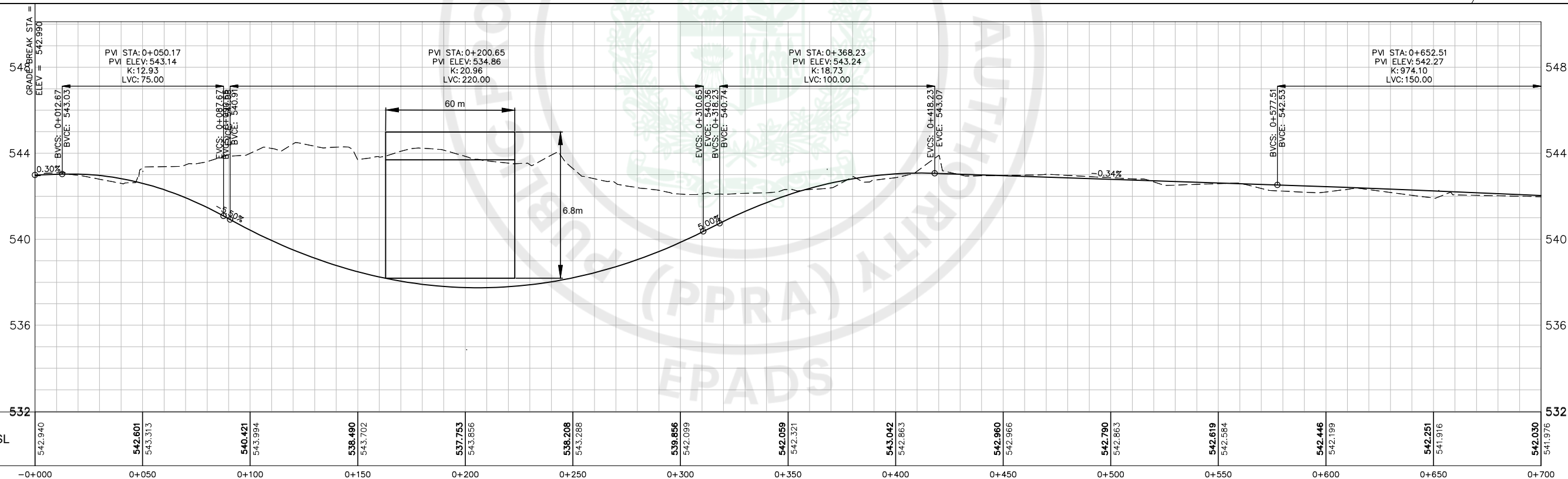
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Station=-0+000.00
Northing=3731540.1011
Easting=324402.5041

PI # 1
PI STA = 0+024.23
N = 3731519.43
E = 324415.13
I = 174°20'
T = 24.23
R = 489.20
L = 48.41
C = 48.40
E = 0.60
M = 0.599

PI # 2
PI STA = 0+242.08
N = 3731323.16
E = 324509.77
I = 167°41'
T = 59.44
R = 550.90
L = 118.43
C = 118.20
E = 3.20
M = 3.179

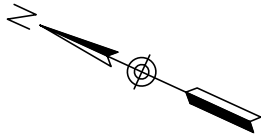
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PI STA = 0+401.28
N = 3731167.86
E = 324546.85
I = 165°54'
T = 100.22
R = 810.80
L = 199.42
C = 198.92
E = 6.17
M = 6.123

PI # 4
PI STA = 0+569.13
N = 3731018.11
E = 324624.87
I = 177°12'
T = 24.54
R = 1002.50
L = 49.07
C = 49.07
E = 0.30
M = 0.300

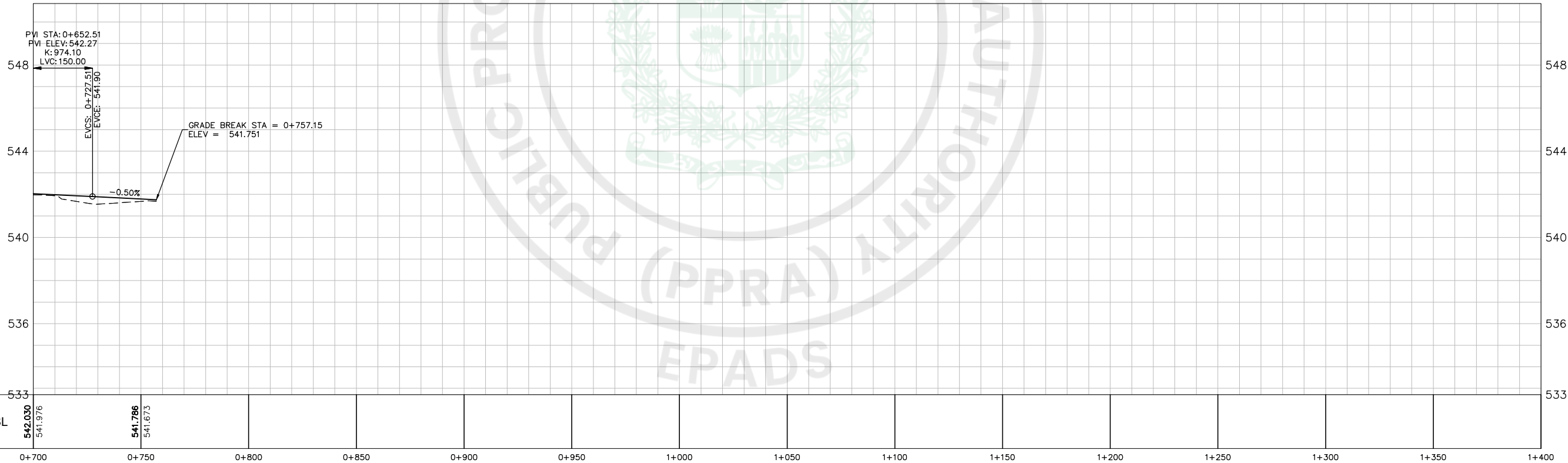
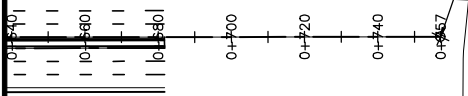


HORIZONTAL GEOMETRY	L = 48.41 R = 489.20	L = 134.22	L = 118.43 R = 550.90	L = 199.42 R = 810.80	L = 44.10	L = 49.07 R = 1002.50	L = 163.48
	Sup. Elev. LT.						
	Sup. Elev. RT.						

 CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN		CONSULTANT		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.			04				DRAWN	GOHAR	PROJECT TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD	PLAN & PROFILE KASHMIR CHOWK UNDERPASS FROM Km. 0+000 TO Km. 0+700		SCALE
		03							SUBMITTED							
		02							RECOMMENDED							
		01							CHD./VER.							
				HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.		REV.	DATE	DESCRIPTION	APPROVED	APPROVED		DATE JUNE, 2026	DRAWING No. 4880/102/TD/1C001	REV. 0		

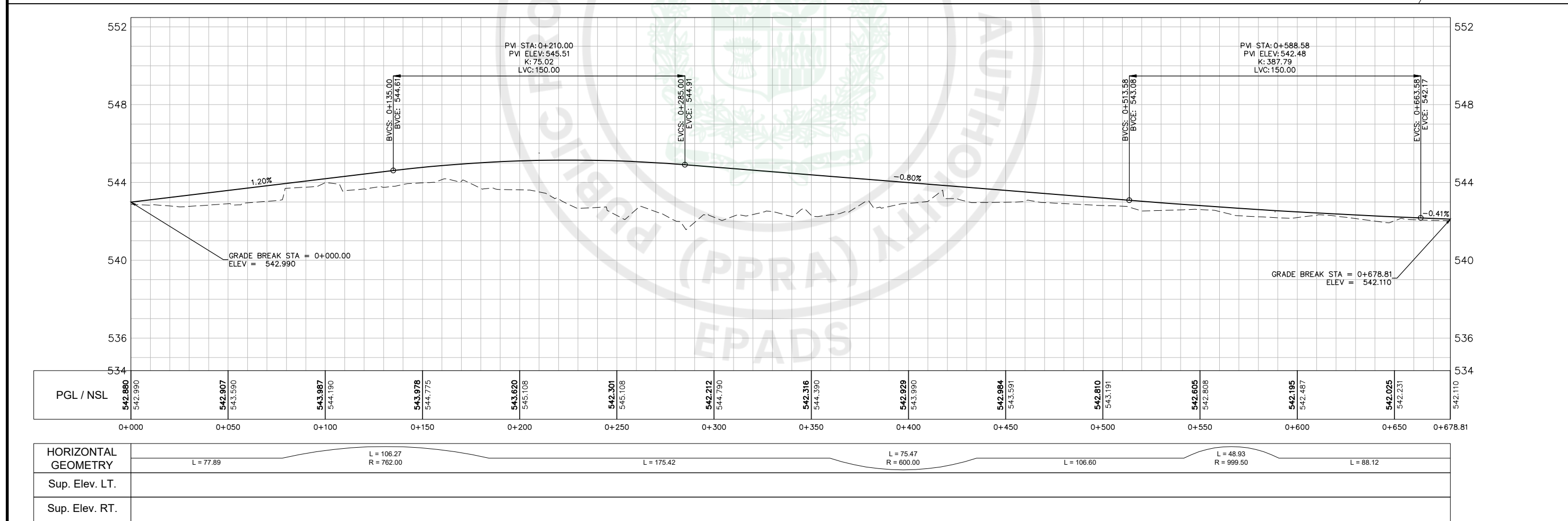
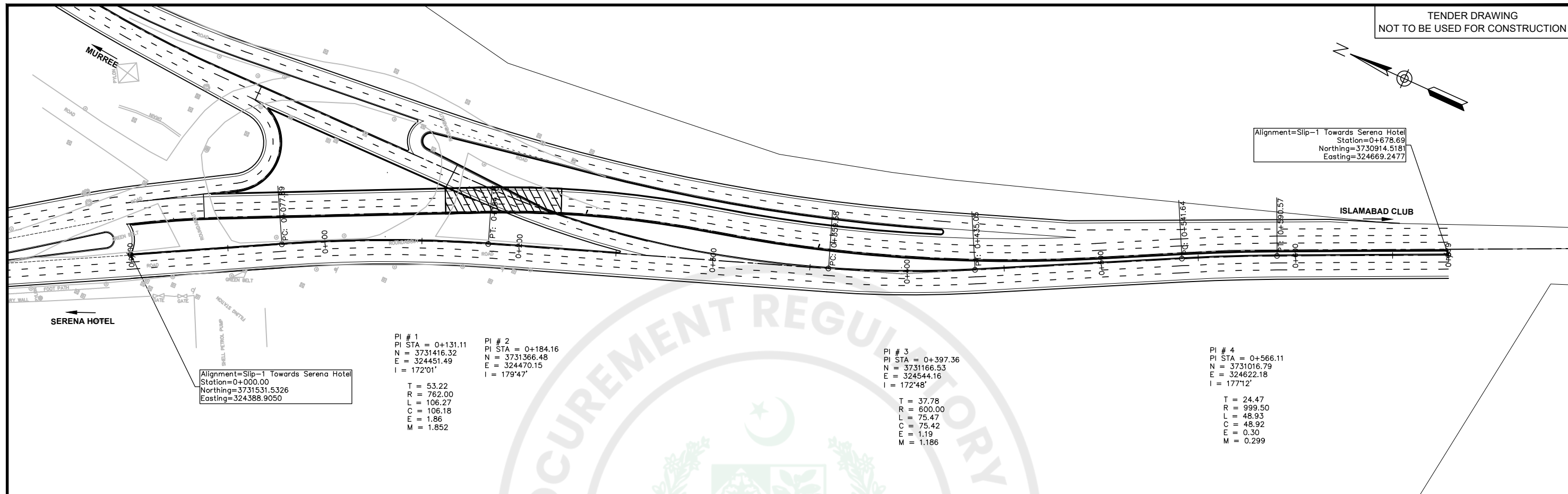


Alignment=Kashmir Chowk Underpass_Centerline
Station=0+757.15
Northing=3730847.3075
Easting=324703.4844

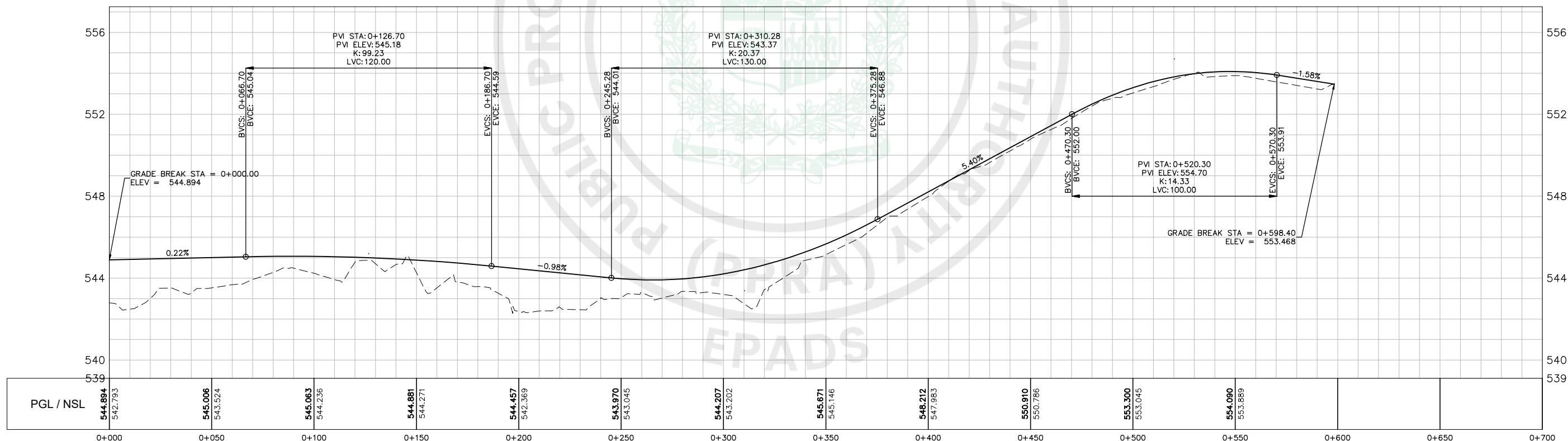
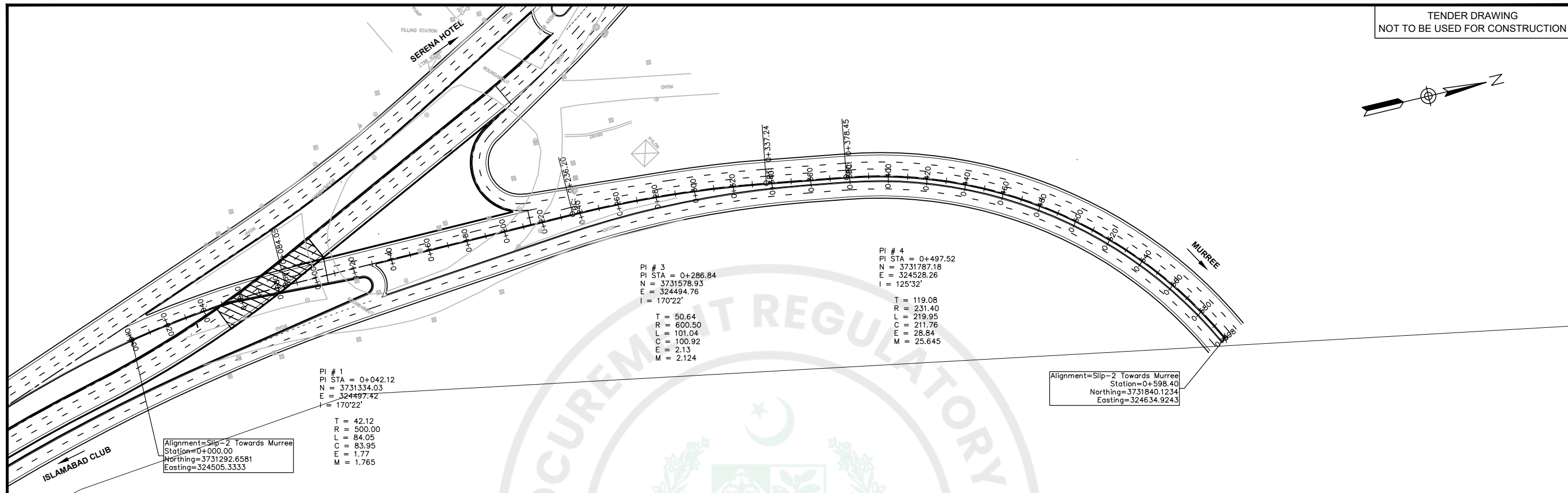
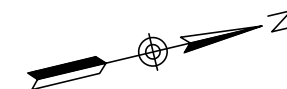


HORIZONTAL GEOMETRY	L = 163.48
	Sup. Elev. LT.
	Sup. Elev. RT.

CLIENT  CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN	CONSULTANT  NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD. HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.	04				DRAWN	GOHAR	PROJECT TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD	PLAN & PROFILE KASHMIR CHOWK UNDERPASS FROM Km. 0+000 TO Km. 0+755.44		SCALE
		03				SUBMITTED					
		02				RECOMMENDED					
		01				CHD./VER.					
		REV.	DATE	DESCRIPTION		APPROVED	APPROVED				
		DATE		DRAWING No.		REV.					
		JUNE, 2026		4880/102/TD/1C002		0					

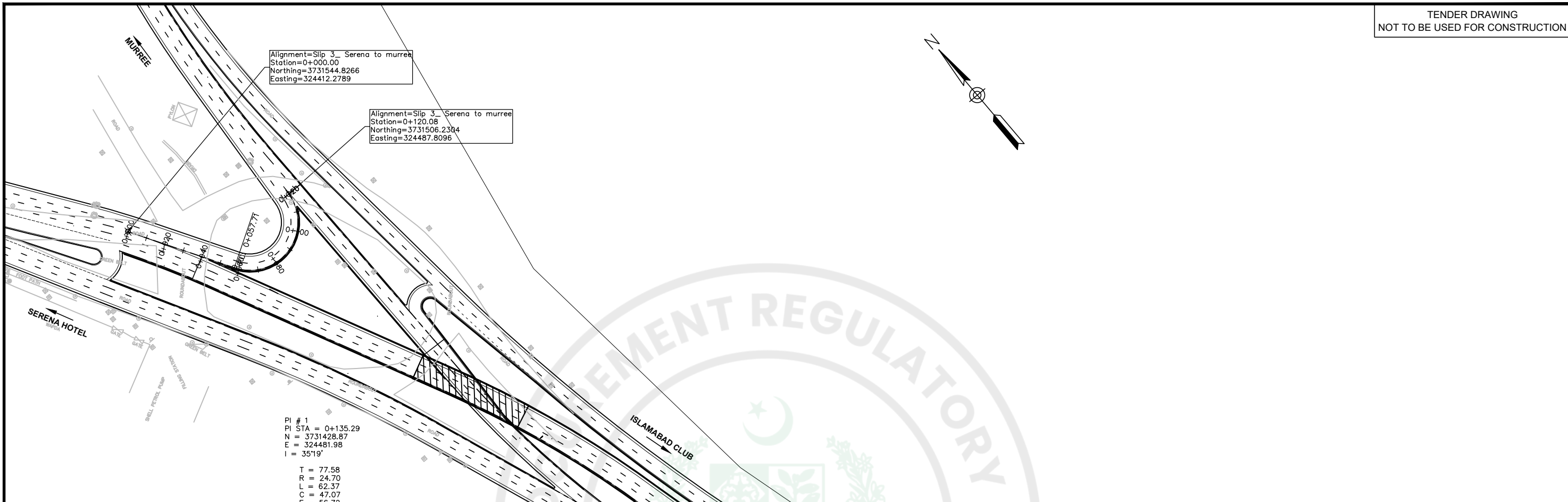


CLIENT				CONSULTANT				PROJECT				PLAN & PROFILE		SCALE									
 CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN				 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD. HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.				TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD				FROM Km. 0+000 TO Km. 0+678.81		SLIP ROAD -1)		REV.							
04				DRAWN				GOHAR															
03				SUBMITTED																			
02				RECOMMENDED																			
01				CHD./VER.																			
REV.				DATE				DESCRIPTION				APPROVED				APPROVED							
												JUNE, 2026				4880/102/TD/1C003				0			



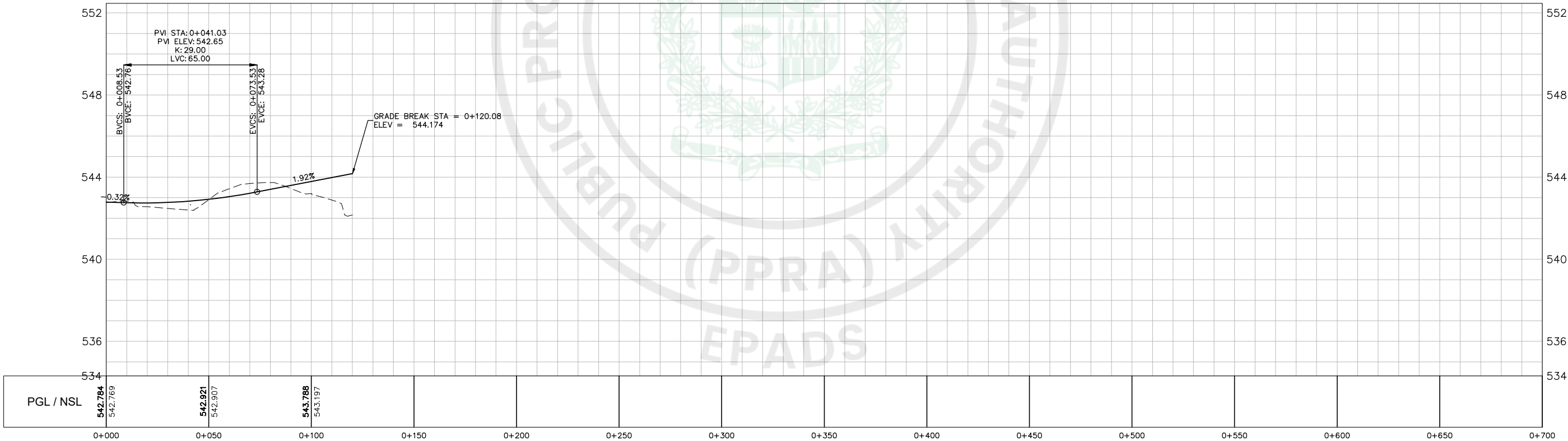
HORIZONTAL GEOMETRY	L = 84.05 R = 500.00	L = 152.15	L = 101.04 R = 600.50	L = 41.21	L = 219.95 R = 231.40
Sup. Elev. LT.					
Sup. Elev. RT.					

CLIENT	CONSULTANT	04			DRAWN	GOHAR	PROJECT	PLAN & PROFILE (SLIP ROAD-2)	SCALE
 CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN	 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.	03			SUBMITTED		TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD	FROM Km. 0+000 TO Km. 0+598.49	
	HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.	02			RECOMMENDED			DATE	REV.
		01			CHD./VER.			JUNE, 2026	4880/102/TD/1C004
		REV.	DATE	DESCRIPTION	APPROVED	APPROVED			



PI # 1
PI STA = 0+135.29
N = 3731428.87
E = 324481.98
I = 35°19'

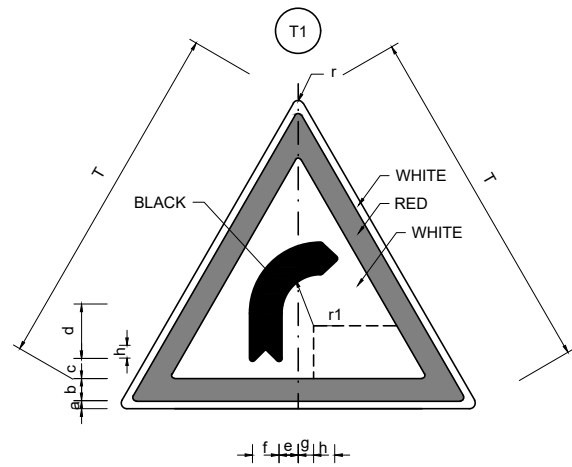
T = 77.58
R = 24.70
L = 62.37
C = 47.07
E = 56.70



HORIZONTAL GEOMETRY	L = 57.71	L = 62.37 R = 24.70
Sup. Elev. LT.		
Sup. Elev. RT.		

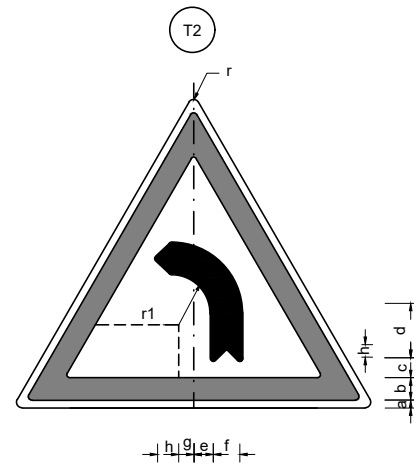
CLIENT  CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN	CONSULTANT  NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD. HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.	04				DRAWN	GOHAR	PROJECT TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD	PLAN & PROFILE (SLIP ROAD-3) FROM Km. 0+000 TO Km. 0+119.67		SCALE		
		03				SUBMITTED							
		02				RECOMMENDED							
		01				CHD./VER.							
		REV.	DATE	DESCRIPTION			APPROVED		APPROVED				
											DATE	DRAWING No.	REV.
											JUNE, 2026	4880/102/TD/1C005	0





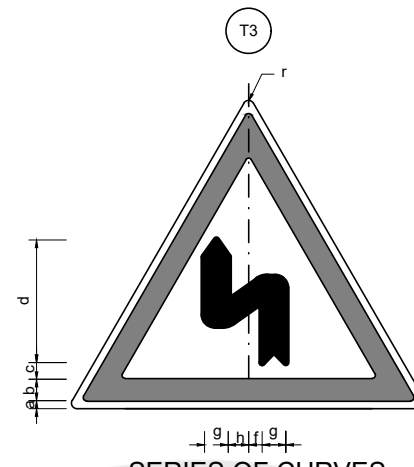
RIGHT CURVE
DIMENSION(cm)

PARTS	SIGN SIZE	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	4.0	5.3
d	11.5	15.3
e	8.5	11.3
f	7.0	9.3
g	6.0	8.0
h	3.5	4.7
r1	12.5	16.7



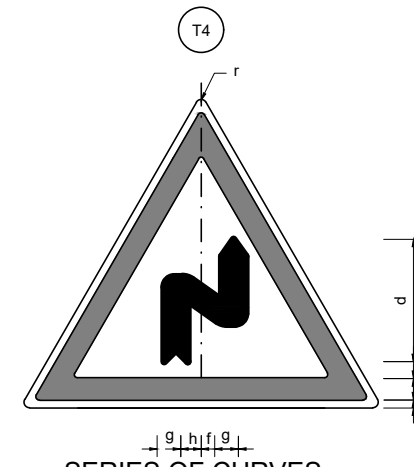
LEFT CURVE
DIMENSION(cm)

PARTS	SIGN SIZE	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	4.0	5.3
d	11.5	15.3
e	8.5	11.3
f	7.0	9.3
g	6.0	8.0
h	3.5	4.7
r1	12.5	16.7



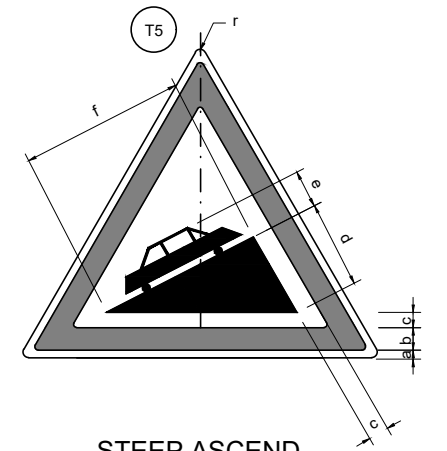
SERIES OF CURVES
(FIRST TO LEFT)
DIMENSION(cm)

PARTS	SIGN SIZE	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	3.0	4.0
d	33.0	44.0
e	14.0	18.7
f	8.0	10.7
g	7.0	9.3
h	2.0	2.7
i	3.5	4.7
r1	4.5	6.0



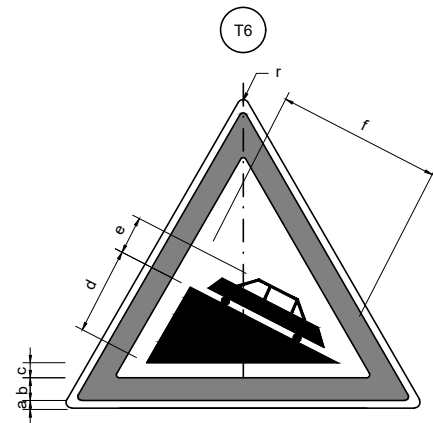
SERIES OF CURVES
(FIRST TO RIGHT)
DIMENSION(cm)

PARTS	SIGN SIZE	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	3.0	4.0
d	33.0	44.0
e	14.0	18.7
f	8.0	10.7
g	7.0	9.3
h	2.0	2.7
i	3.5	4.7
r1	4.5	6.0



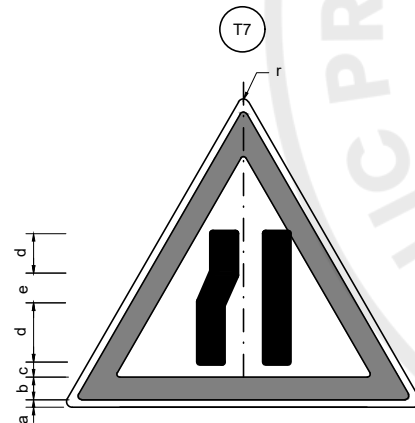
STEEP ASCEND
DIMENSION(cm)

PARTS	SIGN SIZE	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	3.5	4.7
d	23.5	31.3
e	11.5	15.3
f	33.0	44.0



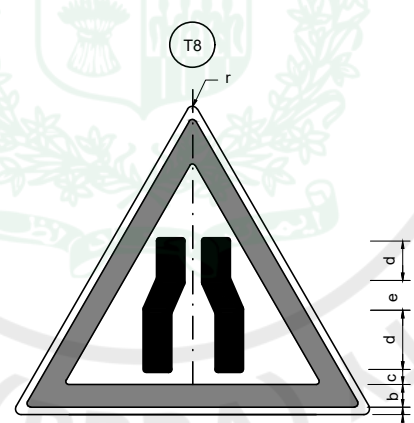
STEEP DESCEND
DIMENSION(cm)

PARTS	SIGN SIZE	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	3.5	4.7
d	23.5	31.3
e	11.5	15.3
f	33.0	44.0



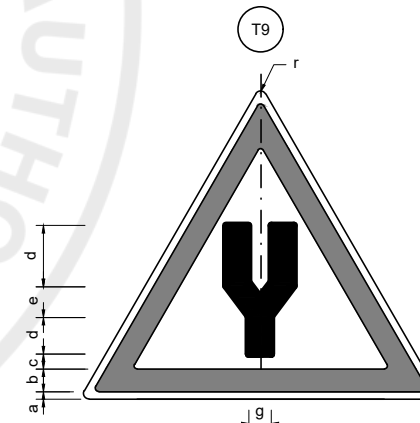
ROADWAY NARROWS
(FROM LEFT)
DIMENSION(cm)

PARTS	SIGN SIZE	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	3.5	4.7
d	10.0	13.3
e	14.0	18.7
f	2.5	3.3
g	5.0	6.7



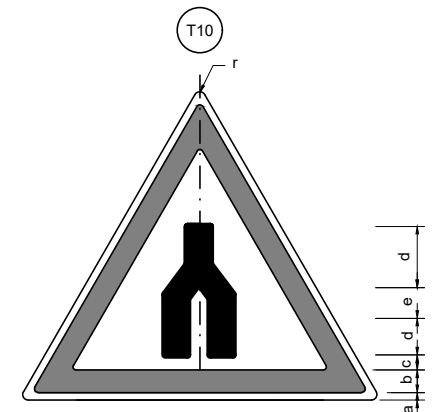
ROADWAY NARROWS
(FROM BOTH SIDES)
DIMENSION(cm)

PARTS	SIGN SIZE	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	3.5	4.7
d	10.0	13.3
e	14.0	18.7
f	2.5	3.3
g	5.0	6.7



DUAL CARRIAGEWAY STARTS
DIMENSION(cm)

PARTS	SIGN SIZE	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	4.5	6.0
d	15.0	20.0
e	9.0	12.0
f	12.0	16.0
g	9.0	12.0
h	7.0	9.3

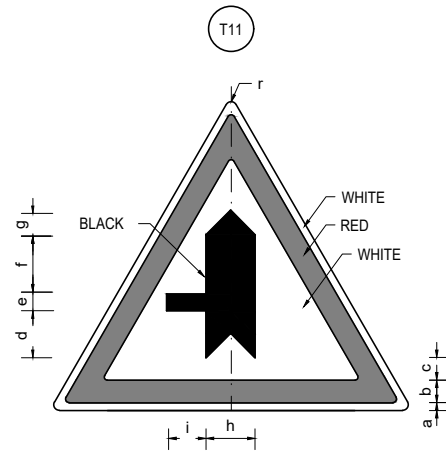


DUAL CARRIAGEWAY ENDS
DIMENSION(cm)

PARTS	SIGN SIZE	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	4.0	5.30
d	15.0	20.0
e	9.0	12.0
f	12.0	16.0
g	9.0	12.0
h	7.0	9.3

NOTE:-
1. 120cm SIGN SIZE SHALL BE USED FOR DRAWING
NO. 4880/102/TD/RS001 TO 4880/102/TD/RS009.

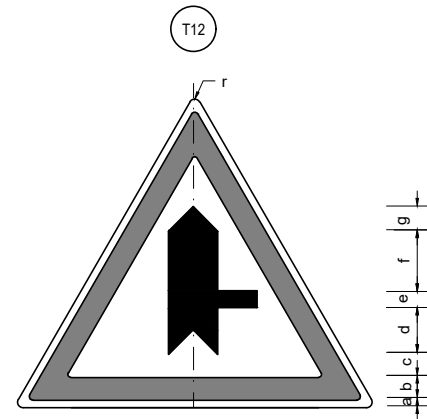
CLIENT  CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN		CONSULTANT  NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD. HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.				04				DRAWN	GOHAR	PROJECT TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD	ROAD SIGNS (1) (INFORMATORY SIGN)		SCALE
						03				SUBMITTED					
						02				RECOMMENDED					
						01				CHD./VER.					
						REV.		DATE	DESCRIPTION		APPROVED		APPROVED		



MINOR ROAD FROM LEFT

DIMENSION(cm)

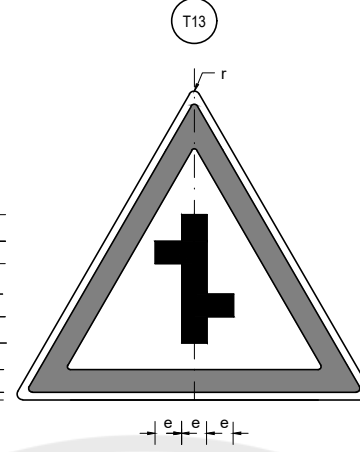
PARTS	Sign Size	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	3.0	4.0
d	13.5	18.0
e	5.5	7.3
f	15.0	20.0
g	7.0	9.3
h	14.0	18.7
i	10.5	14.0



MINOR ROAD FROM RIGHT

DIMENSION(cm)

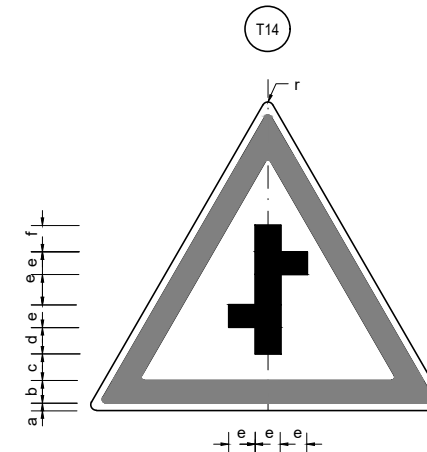
PARTS	Sign Size	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	3.0	4.0
d	13.5	18.0
e	5.5	7.3
f	15.0	20.0
g	7.0	9.3
h	14.0	18.7
i	10.5	14.0



MINOR ROAD CROSSING
WITH AN OFFSET

DIMENSION(cm)

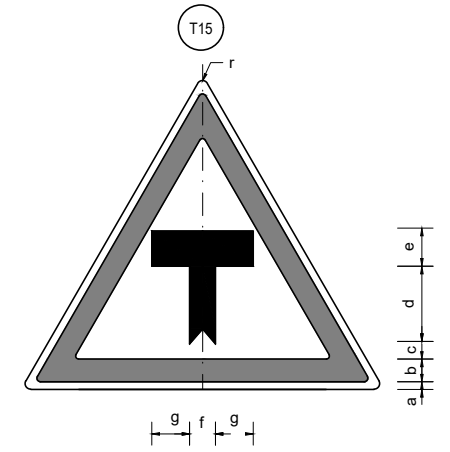
PARTS	Sign Size	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	2.5	3.3
d	8.0	10.7
e	7.5	10.0
f	9.0	12.0



MINOR ROAD CROSSING
WITH AN OFFSET

DIMENSION(cm)

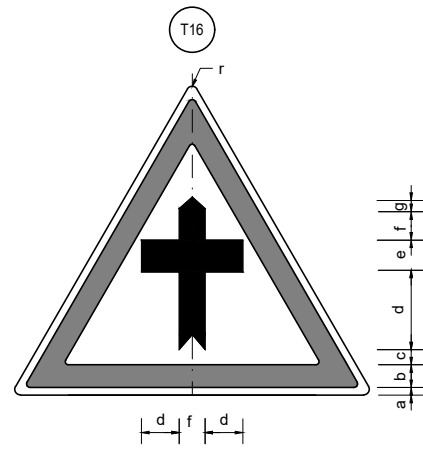
PARTS	Sign Size	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	2.5	3.3
d	8.0	10.7
e	7.5	10.0
f	9.0	12.0



T- JUNCTION AHEAD

DIMENSION(cm)

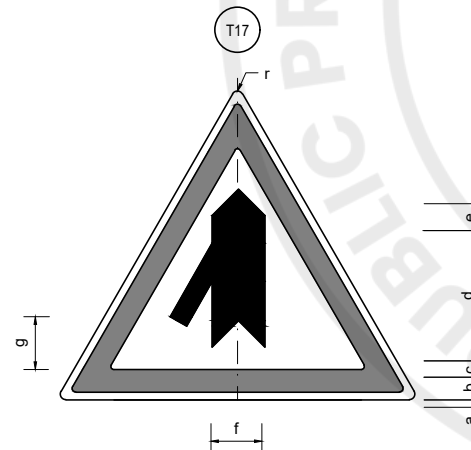
PARTS	Sign Size	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	3.0	4.0
d	15.5	20.7
e	7.0	9.3
f	5.0	6.7
g	11.0	14.7
h	2.5	3.3



CROSS ROAD AHEAD

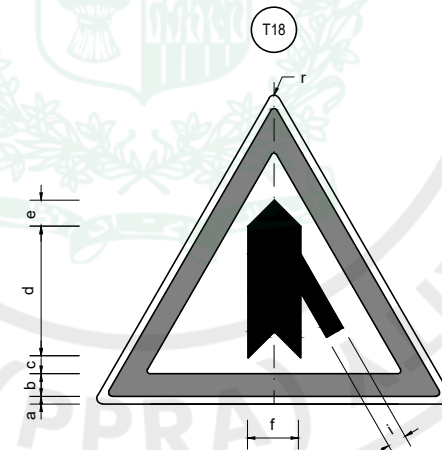
DIMENSION(cm)

PARTS	Sign Size	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	3.0	4.0
d	13.0	17.3
e	7.0	9.3
f	10.0	13.3
g	2.5	3.3
i	5.0	6.7



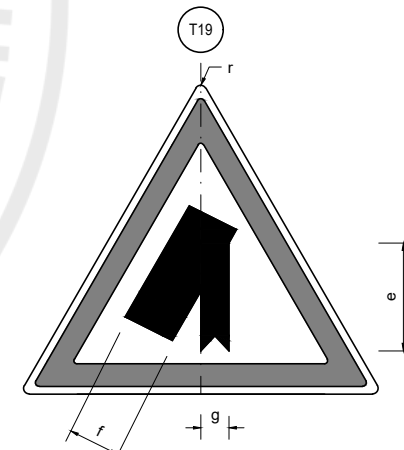
MINOR ROAD
FROM LEFT
DIMENSION(cm)

PARTS	Sign Size	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	3.5	4.7
d	33.0	44.0
e	7.0	9.3
f	14.0	18.7
g	15.0	20.0
h	3.0	4.0
i	5.5	7.3



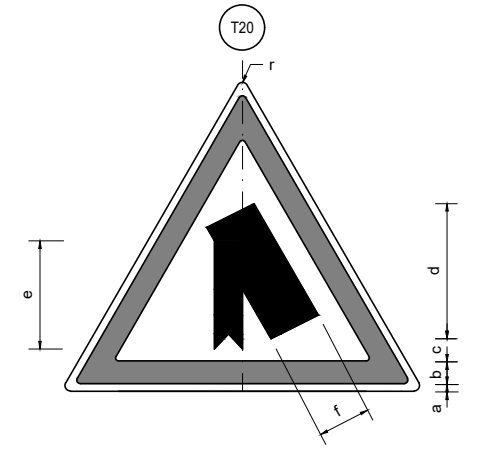
MINOR ROAD
FROM RIGHT
DIMENSION(cm)

PARTS	Sign Size	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	3.5	4.7
d	33.0	44.0
e	7.0	9.3
f	14.0	18.7
g	15.0	20.0
h	3.0	4.0
i	5.5	7.3



MAIN ROAD
(ON LEFT)
DIMENSION(cm)

PARTS	Sign Size	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	2.5	3.3
d	39.0	52.0
e	27.0	36.0
f	13.0	17.3
g	5.0	6.7



MAIN ROAD
(ON RIGHT)
DIMENSION(cm)

PARTS	Sign Size	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	2.5	3.3
d	39.0	52.0
e	27.0	36.0
f	13.0	17.3
g	5.0	6.7

NOTE:-
1. 120cm SIGN SIZE SHALL BE USED FOR DRAWING NO. 4880/102/TD/RS001 TO 4880/102/TD/RS009.

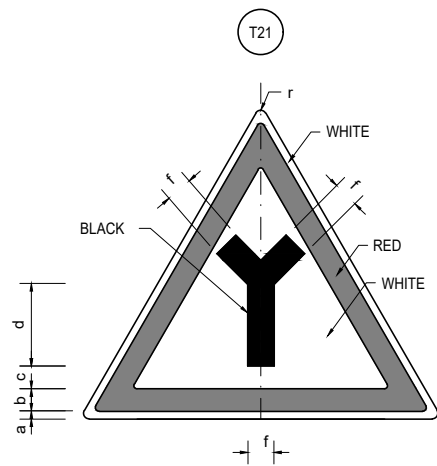
CLIENT
CDA
CAPITAL DEVELOPMENT
AUTHORITY
GOVERNMENT OF PAKISTAN

CONSULTANT
NESPAK
NATIONAL ENGINEERING SERVICES
PAKISTAN (PVT.) LTD.
HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N,
MODEL TOWN EXTENSION, LAHORE, PAKISTAN.

04				DRAWN	GOHAR
03				SUBMITTED	
02				RECOMMENDED	
01				CHD./VER.	
REV.	DATE	DESCRIPTION	APPROVED	APPROVED	

PROJECT
**TRAFFIC MANAGEMENT SOLUTION
AT KASHMIR CHOWK , MURREE ROAD
ISLAMABAD**

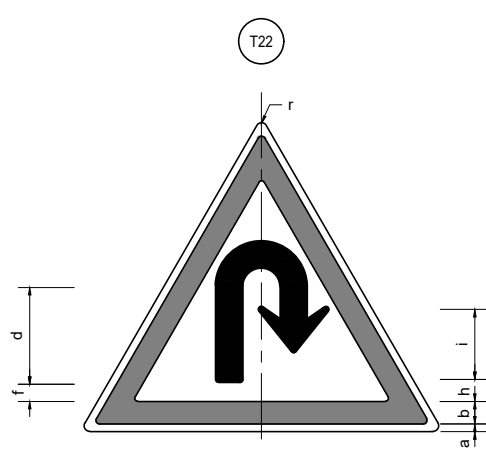
ROAD SIGNS (2) (INFORMATORY SIGN)		SCALE
DATE JUNE, 2026	DRAWING No. 4880/102/TD/RS002	REV. ✓



Y-JUNCTION

DIMENSION(cm)

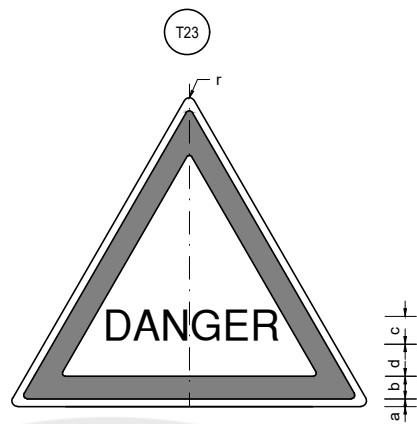
PARTS	Sign Size	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	3.0	4.0
d	17.0	22.7
e	13.0	17.3
f	7.0	9.3



U-TURN

DIMENSION(cm)

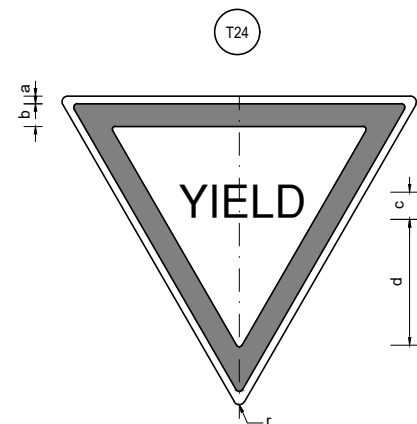
PARTS	Sign Size	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	5.5	7.3
d	7.0	9.3
e	5.0	6.7
f	2.5	3.3
g	23.0	30.7
h	7.5	10.0
i	12.0	16.0



DANGER WARNING

DIMENSION(cm)

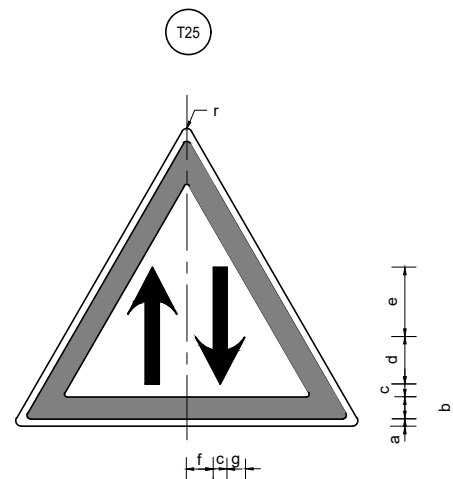
PARTS	Sign Size	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	6.5	8.7
d	7.0	9.5



GIVE WAY

DIMENSION(cm)

PARTS	Sign Size	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	6.5	8.7
d	16.0	21.3



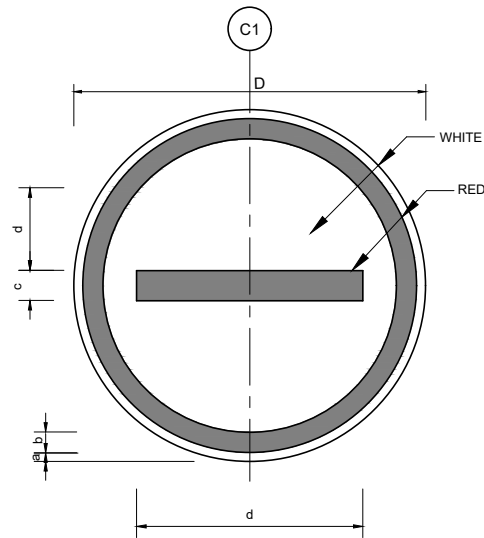
TWO WAY TRAFFIC

DIMENSION(cm)

PARTS	Sign Size	
	90cm	120cm
r	3.5	4.7
a	1.0	1.3
b	6.5	8.7
c	4.0	8.7
d	9.0	21.3
e	19.0	21.3
f	5.0	21.3
g	3.5	21.3

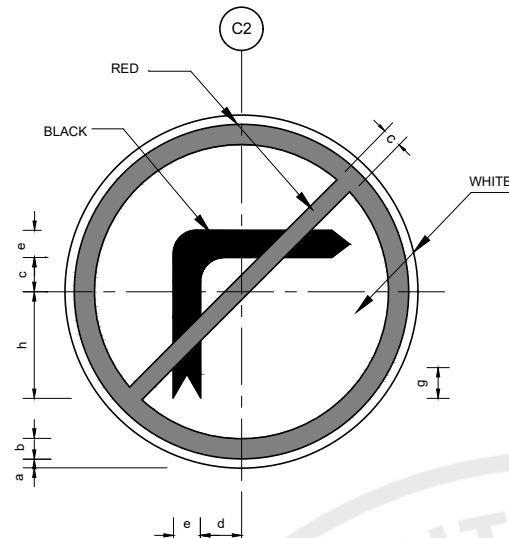
NOTE:-
1. 120cm SIGN SIZE SHALL BE USED FOR DRAWING NO. 4880/102/TD/RS001 TO 4880/102/TD/RS009.

CLIENT  CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN		CONSULTANT  NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD. HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.		04				DRAWN	GOHAR	PROJECT TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD	ROAD SIGNS (3) (INFORMATORY SIGN)		SCALE	
				03				SUBMITTED						
				02				RECOMMENDED						
				01				CHD./VER.						
				REV.	DATE	DESCRIPTION		APPROVED	APPROVED					
										JUNE, 2026	4880/102/TD/RS003	^		



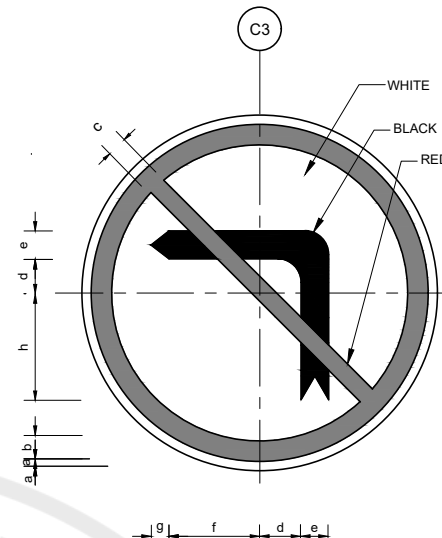
NO ENTRY
DIMENSION(cm)

PARTS	Sign Size	
	90cm	120cm
a	1.0	1.3
b	4.0	5.3
c	8.0	10.7
d	64.0	85.3



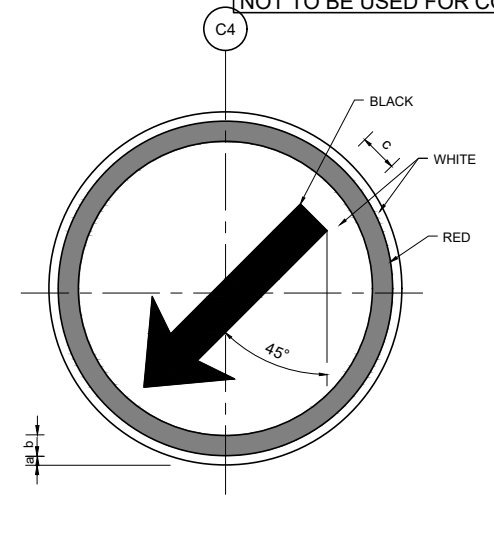
NO RIGHT TURN
DIMENSION(cm)

PARTS	Sign Size	
	90cm	120cm
a	1.0	1.3
b	6.5	8.7
c	5.5	7.3
d	6.0	8.0
e	10.0	13.3
f	25.0	33.3
g	5.0	6.7
h	30.0	40.0



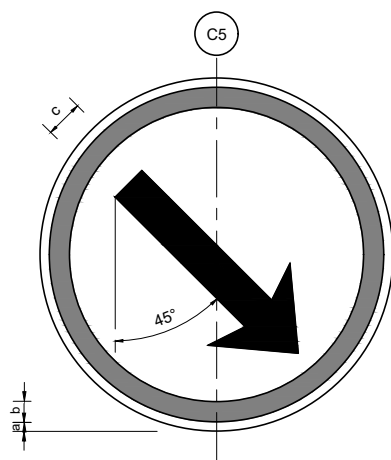
NO LEFT TURN
DIMENSION(cm)

PARTS	SIGN SIZE	
	90cm(C13)	120cm(C7)
a	1.0	1.3
b	6.5	8.7
c	5.5	7.3
d	6.0	8.0
e	10.0	13.3
f	25.0	33.3
g	5.0	6.7
h	30.0	40.0



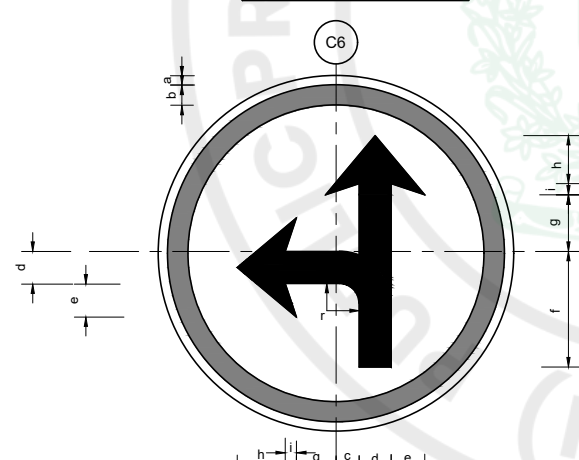
KEEP LEFT
DIMENSION(cm)

PARTS	SIGN SIZE	
	90cm(C4)	120cm(C3)
a	1.0	1.3
b	4.0	5.3
c	8.0	10.7
d	9.0	12.0
e	32.0	42.7
f	23.0	30.7
g	4.5	6.0



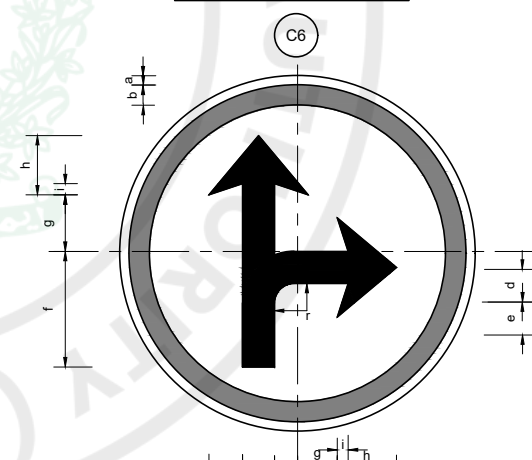
KEEP RIGHT
DIMENSION(cm)

PARTS	SIGN SIZE	
	90cm(C4)	120cm(C3)
a	1.0	1.3
b	4.0	5.3
c	8.0	10.7
d	9.0	12.0
e	32.0	42.7
f	23.0	30.7
g	4.5	6.0



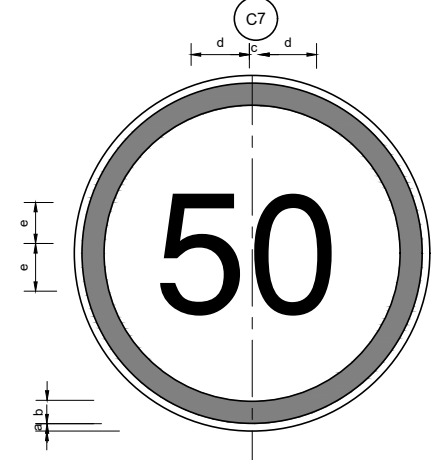
STRAIGHT OR LEFT ONLY
DIMENSION(cm)

PARTS	SIGN SIZE	
	90cm(C4)	120cm(C3)
a	1.0	1.3
b	6.5	8.7
c	10.0	13.3
d	8.0	10.7
e	9.0	12.0
f	34.0	45.3
g	10.5	14.0
h	23.5	31.3
i	4.5	6.0
r	8.0	10.7



STRAIGHT OR RIGHT ONLY
DIMENSION(cm)

PARTS	SIGN SIZE	
	90cm(C4)	120cm(C3)
a	1.0	1.3
b	6.5	8.7
c	10.0	13.3
d	8.0	10.7
e	9.0	12.0
f	34.0	45.3
g	10.5	14.0
h	23.5	31.3
i	4.5	6.0
r	8.0	10.7



HTV
SPEED LIMIT (50)
DIMENSION(cm)

PARTS	SIGN SIZE	
	90cm(C4)	120cm(C3)
a	1.0	1.3
b	6.5	8.7
c	3.0	4.0
d	23.0	30.7
e	20.0	26.7

NOTE:-

- 120cm SIGN SIZE SHALL BE USED FOR DRAWING NO. 4880/102/TD/RS001 TO 4880/102/TD/RS009.

CLIENT
CDA
CAPITAL DEVELOPMENT
AUTHORITY
GOVERNMENT OF PAKISTAN

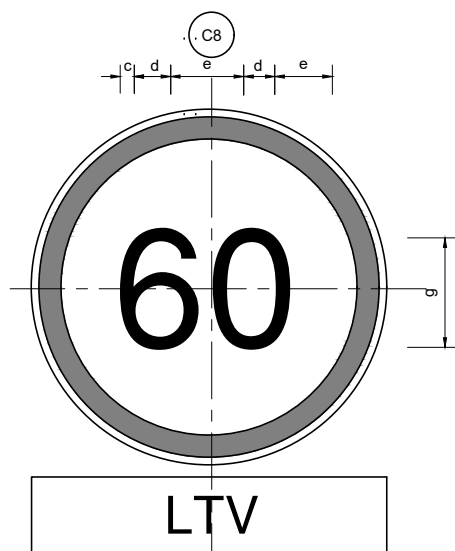
CONSULTANT
PAE
NATIONAL ENGINEERING SERVICES
PAKISTAN (PVT.) LTD.
HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N,
MODEL TOWN EXTENSION, LAHORE, PAKISTAN.

04					
03					
02					
01					
REV.	DATE	DESCRIPTION	APPROVED	APPROVED	

DRAWN	GOHAR
SUBMITTED	
RECOMMENDED	
CHD./VER.	
APPROVED	

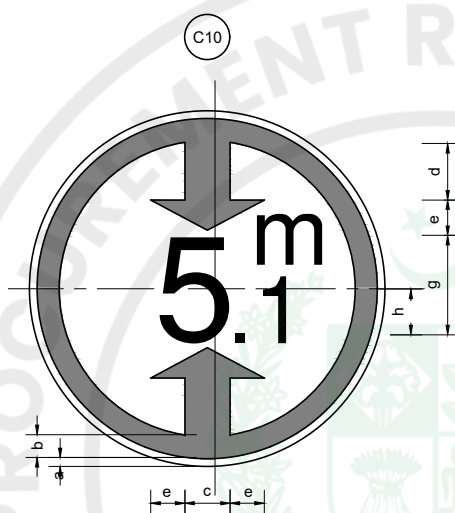
PROJECT
**TRAFFIC MANAGEMENT SOLUTION
AT KASHMIR CHOWK , MURREE ROAD
ISLAMABAD**

ROAD SIGNS (4) (REGULATORY SIGN)		SCALE
DATE	DRAWING No.	REV.
JUNE, 2026	4880/102/TD/RS004	✓



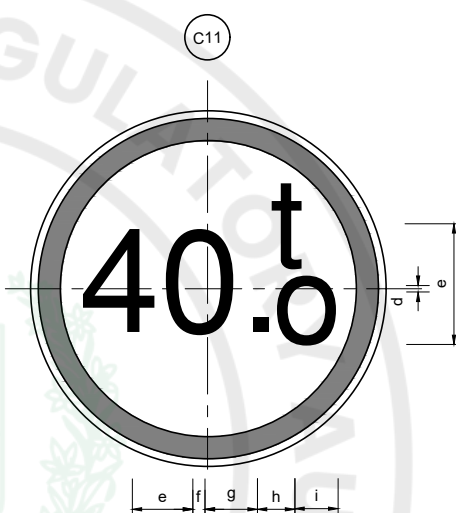
SPEED LIMIT (60)
DIMENSION(cm)

PARTS	Sign Size	
	90cm	120cm
a	1.0	1.3
b	6.5	8.7
c	2.5	3.25
d	5.0	6.5
e	11.25	15.38
f	35.0	47.0
g	40.0	53.5



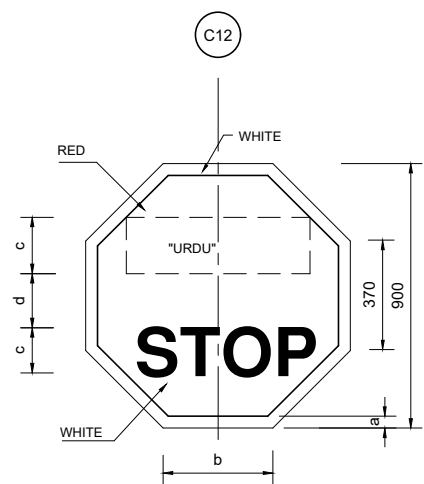
MIN. VERTICAL CLEARANCE
DIMENSION(cm)

PARTS	Sign Size	
	90cm	120cm
a	1.0	1.3
b	6.5	8.7
c	13.5	18.0
d	12.5	17.0
e	8.5	11.5
f	31.0	41.0
g	24.5	32.5
h	12.5	16.5



MAX. GROSS WEIGHT LIMIT
DIMENSION(cm)

PARTS	Sign Size	
	90cm	120cm
a	1.0	1.3
b	6.5	8.67
c	32.0	42.50
d	2.5	3.50
e	17.0	22.50
f	1.5	2.0
g	17.0	22.50
h	3.5	4.50
i	10.0	13.50

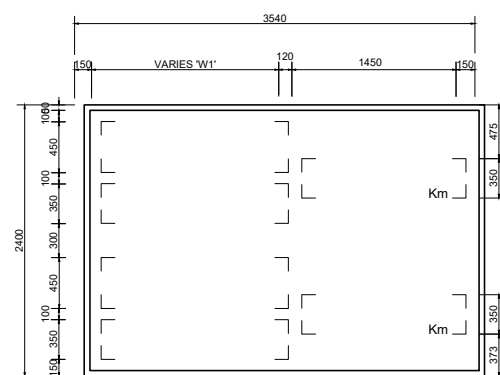


STOP
DIMENSION(cm)

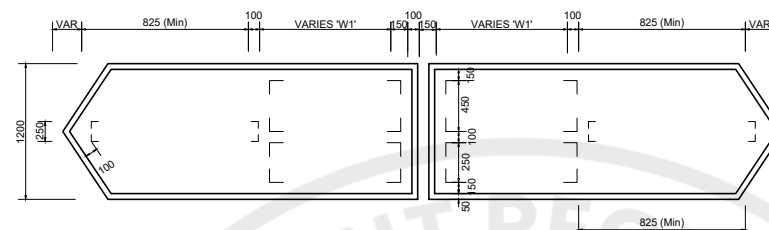
PARTS	Sign Size	
	90cm	120cm
a	1.0	1.30
b	37.0	49.5
c	20.0	25.0
d	15.0	20.0
e	36.0	43.0
f	90.0	120.0

NOTE:-
1. 120cm SIGN SIZE SHALL BE USED FOR DRAWING NO. 4880/102/TD/RS001 TO 4880/102/TD/RS009.

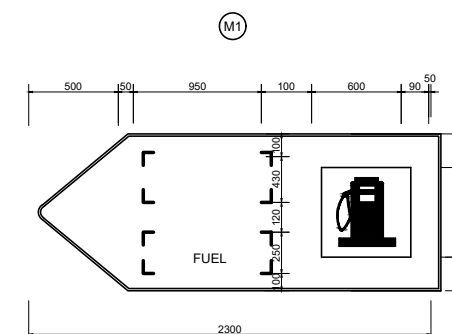
CLIENT		CONSULTANT		04		DRAWN		GOHAR		PROJECT		ROAD SIGNS (5) (REGULATORY SIGN)		SCALE			
CDA CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN		NESPAK NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD. HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.		03		SUBMITTED				TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD		DATE JUNE, 2026		DRAWING No. 4880/102/TD/RS005		REV. ↗	
				02		RECOMMENDED											
				01		CHD./VER.											
				REV.		DATE		DESCRIPTION									



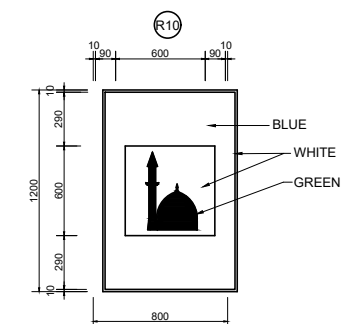
DISTANCE SIGN
(After the junction)



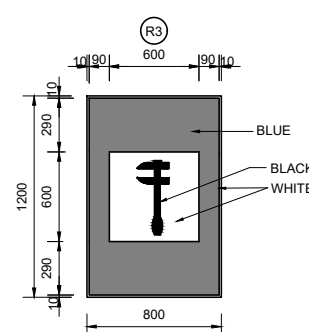
DISTANCE & DESTINATION SIGN (At T- Junction)



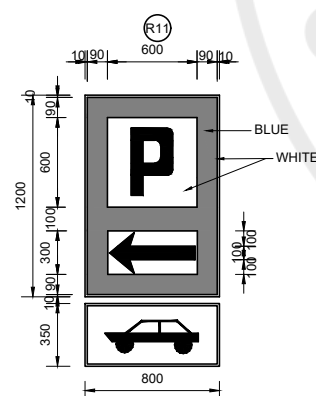
FILLING STATION ON LEFT



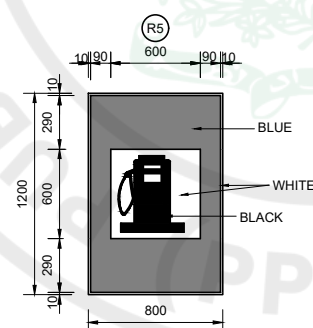
MOSQUE



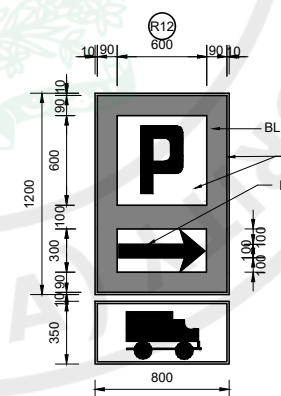
BREAKDOWN SERVICE



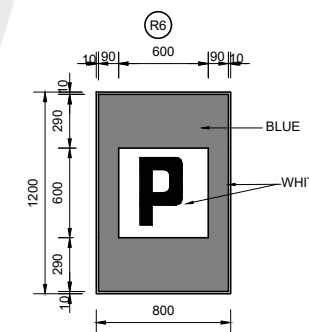
PARKING ON LEFT
(FOR CARS)



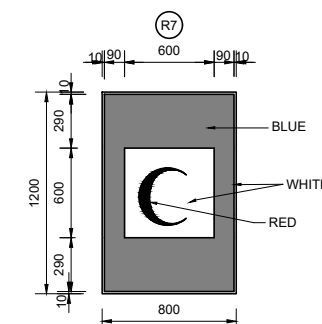
FILLING STATION



PARKING ON RIGHT
(FOR BUS/TRUCK)



PARKING

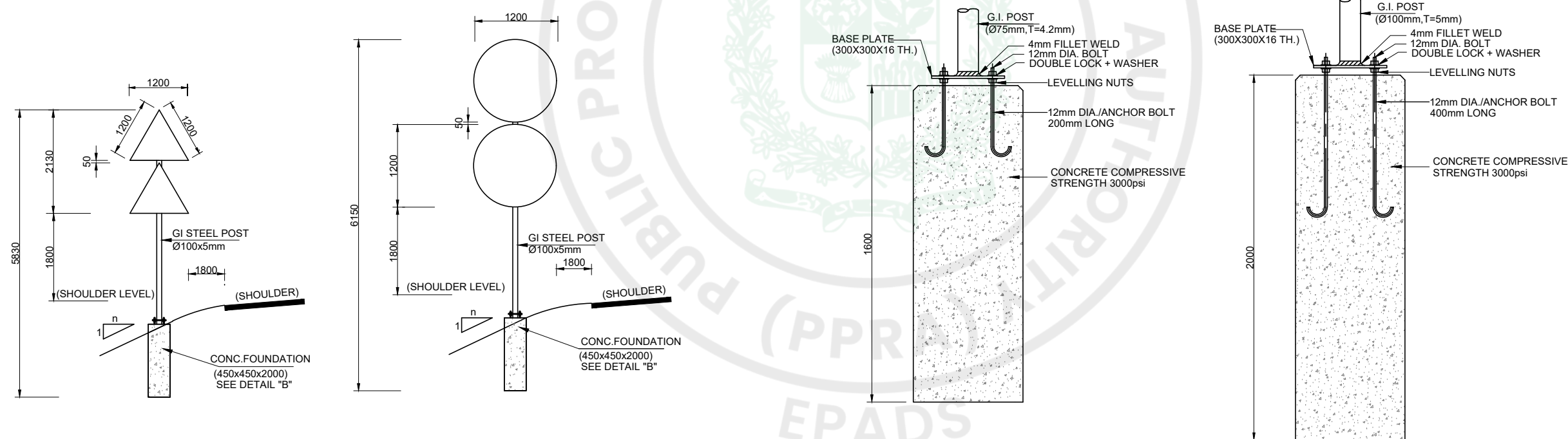
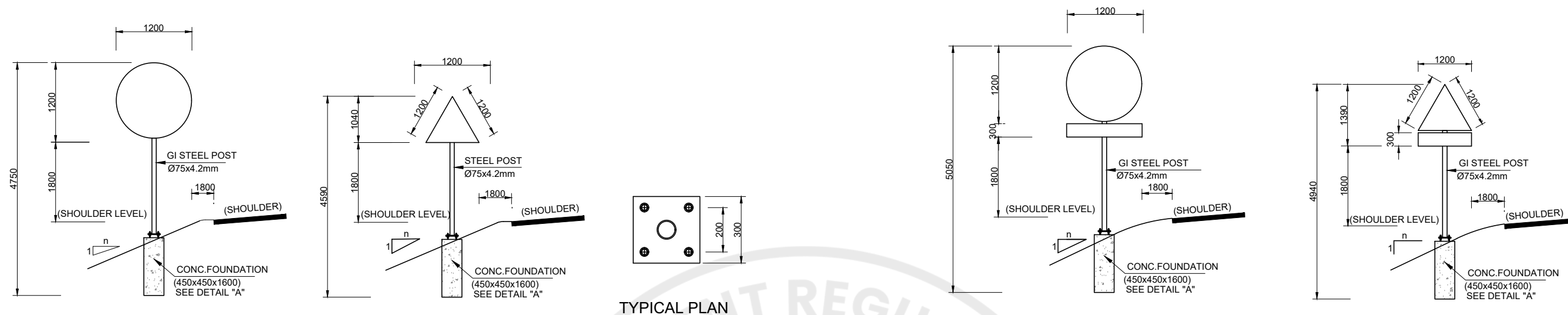


FIRST AID STATION

NOTE:-

1. 120cm SIGN SIZE SHALL BE USED FOR DRAWING NO. 4880/102/TD/RS001 TO 4880/102/TD/RS009.

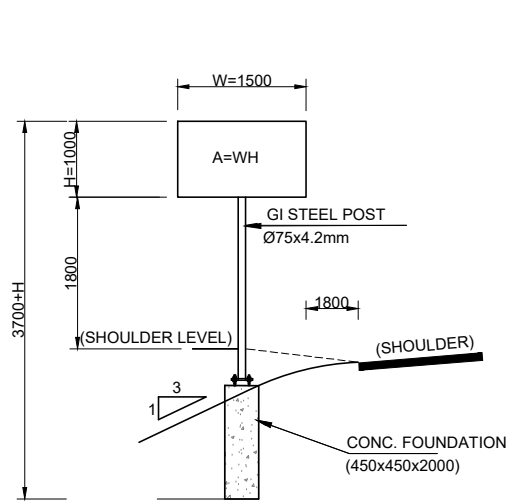
CLIENT  CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN		CONSULTANT  NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD. HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.		04				DRAWN	GOHAR	PROJECT TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD		ROAD SIGNS (6) (INFORMATORY SIGN)		SCALE
				03				SUBMITTED						
				02				RECOMMENDED						
				01				CHD./VER.						
				REV.	DATE	DESCRIPTION	APPROVED	APPROVED			DATE	DRAWING No.	REV.	
											JUNE 2026	4880/102/TD/RS006	✓	



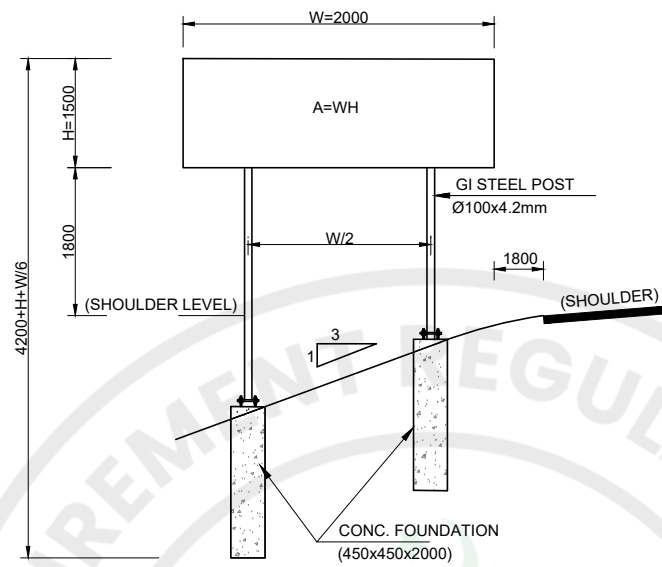
NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE.
2. ALL STRUCTURAL CONCRETE SHALL HAVE MINIMUM CYLINDER STRENGTH OF 3000psi AT 28 DAYS.
3. SIGN PANELS SHALL BE MADE OF ALUMINUM ALLOY PLATES OF MIN. 3mm TH.
4. SIGN PANELS SHOULD BE RIVETED TO STEEL MEMBER OF SUPPORTING FRAME.

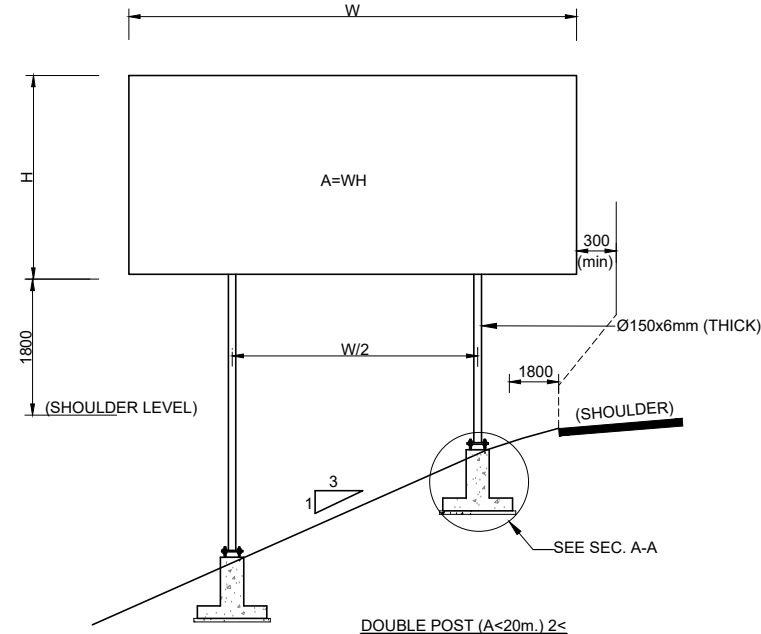
CLIENT		CONSULTANT		04					DRAWN	GOHAR	PROJECT	ROAD SIGNS (7) (REGULATORY SIGN)		SCALE	
CDA CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN		NESPAK NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.		03					SUBMITTED			TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD			
				02					RECOMMENDED						
				01					CHD./VER.						
						REV.		DATE	DESCRIPTION	APPROVED	APPROVED			DATE	
		HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.										JUNE, 2026	4880/102/TD/RS007		



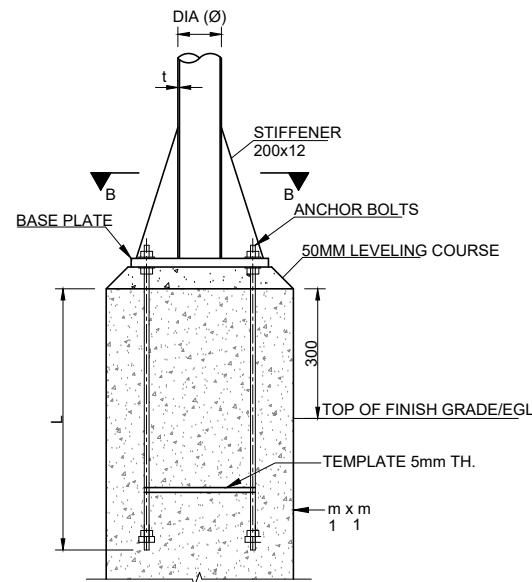
2 SINGLE POST (A<1.5m.)
2< FOUNDATION TYPE-1



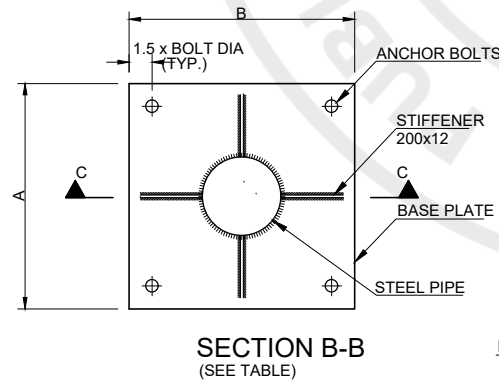
DOUBLE POST (A<3m.)
2< FOUNDATION TYPE-2



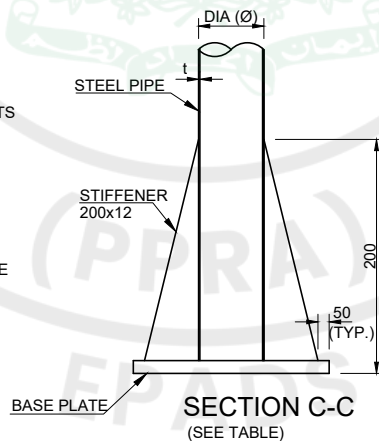
DOUBLE POST (A<20m.) 2<
FOUNDATION TYPE-3



BASE PLATE &
ANCHORAGE ELEVATION



SECTION B-B
(SEE TABLE)



SECTION C-C
(SEE TABLE)

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE.
2. FABRICATION GALVANIZING AND ERECTION TO BE IN ACCORDANCE WITH AISC SPECIFICATIONS.
3. AFTER FABRICATION AND BEFORE GALVANIZING THE TRIAL ASSEMBLY OF COMPLETE STRUCTURE SHALL BE DONE.
4. ALL COMPONENTS TO BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A123. GALVANIZATION THICKNESS SHALL NOT BE LESS THAN 90 MICRONS.
5. BASE PLATES SHALL BE SET LEVEL TO CORRECT ELEVATION WITH THE HELP OF LEVELING NUTS.
6. STEEL STRUCTURE SHALL BE ASTM A36, OR EQUIVALENT.
7. BOLTS (GALVANIZED) SHALL BE ISO 898-1, GRADE 8.8, OR EQUIVALENT.
8. NUTS (GALVANIZED) SHALL BE ISO 896-2, GRADE 8, OR EQUIVALENT.
9. PLAIN WASHERS (GALVANIZED) SHALL BE ISO 7089, GRADE A CLASS 200, OR EQUIVALENT. ALL BOLTS SHALL BE FIXED WITH ONE PLAIN WASHER.
10. ANCHOR RODS SHALL BE G60 DEFORMED BARS IN ACCORDANCE WITH ASTM A615.
11. WELDING ELECTRODES SHALL BE E 60 XX.
12. SIGN PANELS SHALL BE MADE OF ALUMINUM ALLOY PLATES OF MIN. 3mm TH.
13. SIGN PANELS SHOULD BE RIVETED TO STEEL MEMBER OF SUPPORTING FRAME.
14. ALL STRUCTURAL CONCRETE SHALL HAVE MINIMUM CYLINDER STRENGTH OF 3000psi AT 28 DAYS.
15. ALL REINFORCEMENT SHALL BE GRADE 60 DEFORMED IN ACCORDANCE WITH ASTM A-615 SPECIFICATION.

CLIENT		CONSULTANT		04		DRAWN		GOHAR		PROJECT		TYPICAL SIGN PLACING AND FOUNDATION DETAILS		SCALE			
 CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.		03		SUBMITTED				TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD		DATE JUNE, 2026		DRAWING No. 4880/102/TD/RS008		REV. 	
				02		RECOMMENDED											
				01		CHD./VER.											
				REV.		DATE		DESCRIPTION									
		HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.															

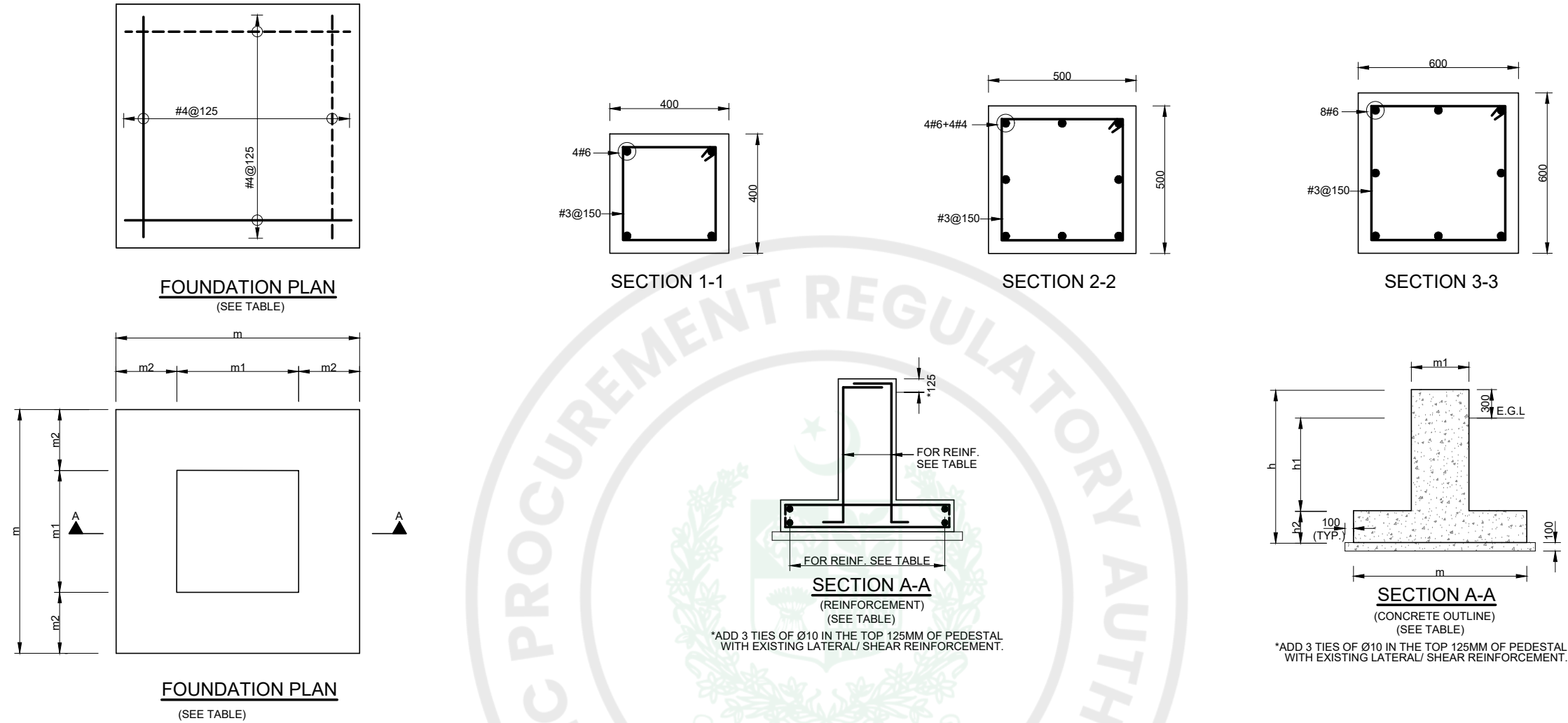


TABLE - 1

AREA OF SIGN BOARD A (M) ²	STRUCTURAL CONCRETE SIZING (mm)						STRUCTURAL STEEL SIZING (mm)							REINFORCEMENT	
	PEDESTAL m ₁ x m ₁	FOUNDATION PAD m x m	m ₂	h ₁	h ₂	h	PIPE		BASE PLATE		ANCHOR BOLTS (J-TYPE)			PEDESTAL	PAD
							DIA (Ø)	THICKNESS (t)	PLAN SIZE (AxB)	THICKNESS (T)	DIA.	EMBEDMENT (L)	Number		
3<A<5	400x400	1000x1000	400	1250	350	1600	125	6	300x300	22	16	400	4	SEE SEC. 1-1	SEE FOUNDATION PLAN
5<A<10	500x500	1350x1350	525	1175	425	1600	150	10	400x400	25	20	450	4	SEE SEC. 2-2	
10<A<15	500x500	1500x1500	525	1125	475	1600	175	10	400x400	28	22	500	4	SEE SEC. 2-2	
15<A<20	600x600	1750x1750	625	1050	550	1600	200	10	500x500	32	25	600	4	SEE SEC. 3-3	

TABLE - 2

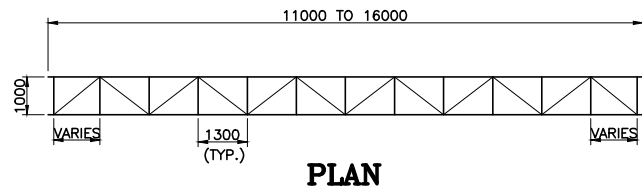
INFORMATION	
FOUNDATION TYPE-1	FOR SINGLE SIGNS AND SINGLE SIGNS WITH ADDITIONAL PLATE
FOUNDATION TYPE-2	FOR DOUBLE SIGNS, FOR SINGLE POST SIGNS WITH AREA <1.5m ² & FOR DOUBLE POST SIGNS WITH AREA <3m ²
FOUNDATION TYPE-3	FOR DOUBLE SIGNS WITH 3< AREA <20m ²

NOTES:-

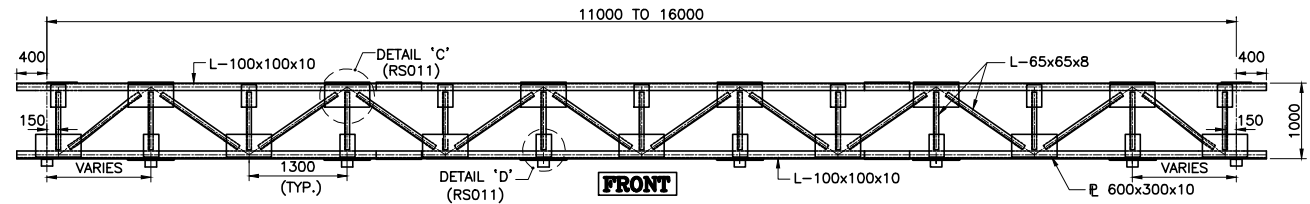
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE.
- FABRICATION GALVANIZING AND ERECTION TO BE IN ACCORDANCE WITH AISC SPECIFICATIONS.
- AFTER FABRICATION AND BEFORE GALVANIZING THE TRIAL ASSEMBLY OF COMPLETE STRUCTURE SHALL BE DONE.
- ALL COMPONENTS TO BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A123. GALVANIZATION THICKNESS SHALL NOT BE LESS THAN 90 MICRONS.
- BASE PLATES SHALL BE SET LEVEL TO CORRECT ELEVATION WITH THE HELP OF LEVELING NUTS.
- STEEL STRUCTURE SHALL BE ASTM A36, OR EQUIVALENT.
- BOLTS (GALVANIZED) SHALL BE ISO 898-1, GRADE 8.8, OR EQUIVALENT.
- NUTS (GALVANIZED) SHALL BE ISO 896-2, GRADE 8, OR EQUIVALENT.
- PLAIN WASHERS (GALVANIZED) SHALL BE ISO 7089, GRADE A CLASS 200, OR EQUIVALENT. ALL BOLTS SHALL BE FIXED WITH ONE PLAIN WASHER.
- ANCHOR RODS SHALL BE G60 DEFORMED BARS IN ACCORDANCE WITH ASTM A615.
- WELDING ELECTRODES SHALL BE E 60 XX.
- SIGN PANELS SHALL BE MADE OF ALUMINUM ALLOY PLATES OF MIN. 3mm TH.
- SIGN PANELS SHOULD BE RIVETED TO STEEL MEMBER OF SUPPORTING FRAME.
- ALL STRUCTURAL CONCRETE SHALL HAVE MINIMUM CYLINDER STRENGTH OF 3000psi AT 28 DAYS.
- ALL REINFORCEMENT SHALL BE GRADE 60 DEFORMED IN ACCORDANCE WITH ASTM A-615 SPECIFICATION.

CLIENT  CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN		CONSULTANT  NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD. HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.				04					DRAWN	GOHAR	PROJECT TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD		TYPICAL SIGN PLACING AND FOUNDATION DETAILS		SCALE	
						03					SUBMITTED							
						02					RECOMMENDED							
						01					CHD./VER.							
						REV.	DATE	DESCRIPTION		APPROVED	APPROVED							
														DATE	DRAWING No.		REV.	
														JUNE, 2026	4880/102/TD/RS009		✓	

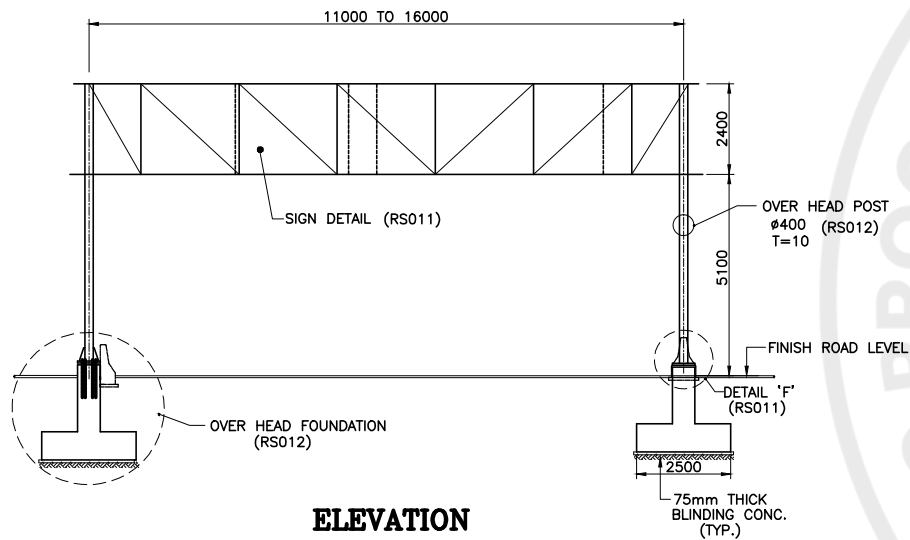




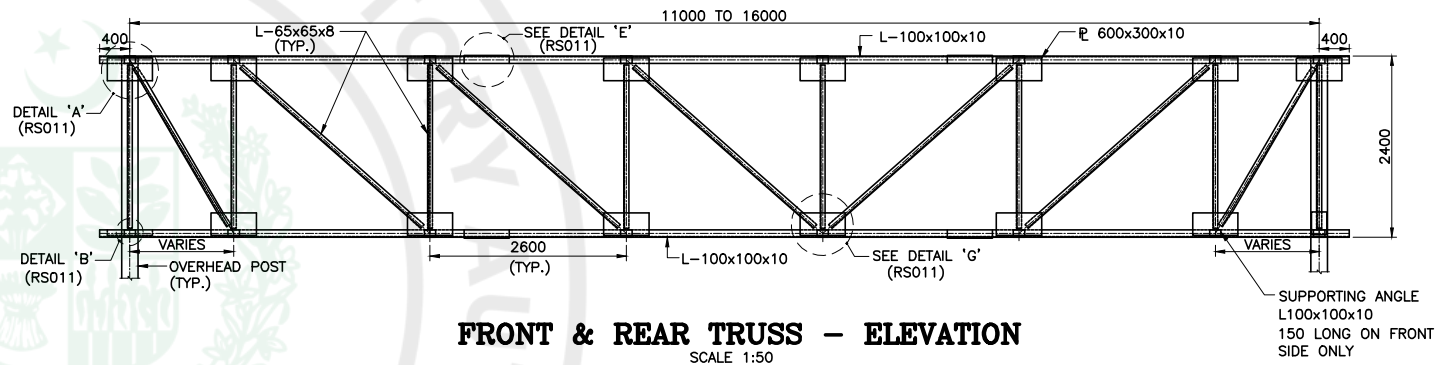
PLAN



TOP & BOTTOM TRUSS - PLAN
SCALE 1:50



ELEVATION
OVERHEAD INFORMATION SIGN

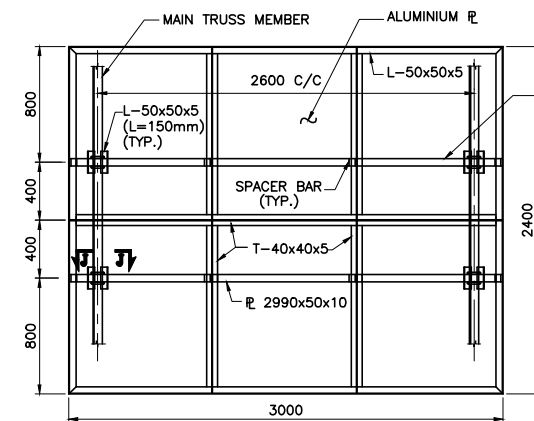


FRONT & REAR TRUSS - ELEVATION
SCALE 1:50

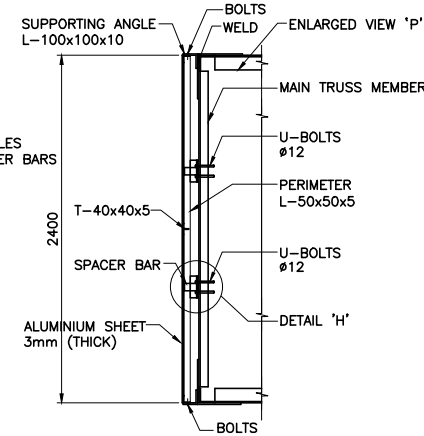
NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- LOCATION OF GANTRY SHALL BE FIXED BY THE ENGINEER AT SITE.
- GANTRY BEAM AND COLUMNS SHALL BE HATCH - PAINTED IN BLACK AND YELLOW COLOUR WITH LUMINOUS PAINT UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- UNLESS OTHERWISE NOTED, CONCRETE SHALL BE CLASSIFIED AS FOLLOWS.
CONCRETE CLASS 28 DAYS (15x30 CM) CYLINDER STRENGTH Kg/sq. Cm
REINFORCED A 210 (3000 psi)
- ALL STRUCTURAL STEEL (PLATES, SHEET, CHANNELS AND ANGLES etc. SHALL CONFORM TO ASTM A-36 OR EQUIVALENT WITH MINIMUM YIELD STRENGTH OF 248 Kg./Sq. CM. (36,000 psi)
- ALL WELDING SHALL CONFORM TO THE APPLICABLE PROVISIONS OF A.W.S (AMERICAN WELDING SOCIETY) CODE. ALL WELDING ELECTRODES SHALL CONFORM TO ASTM NO. E 70XX.
- MINIMUM SIZE OF FILLET WELD SHALL BE 7mm. EXCEPT OTHERWISE NOTED.
- ALL INACCESSIBLE STRUCTURAL STEEL SECTIONS SHALL BE GIVEN TWO COATS OF RED-OXIDE PAINT BEFORE FABRICATION. ALL EXTERIOR FACES SHALL BE PAINTED WITH TWO COATS OF REDOXIDE PAINT AFTER FABRICATION AND ERECTION, AS PER DIRECTION OF THE ENGINEER.
- CONTRACTOR SHALL SUBMIT TO THE ENGINEER, FABRICATION DRAWING WITH COMPLETE DETAILS OF MATERIAL ALONG WITH WEIGHT AND SIZES FOR APPROVAL, BEFORE PROCEEDING WITH CONSTRUCTION.
- THE MINIMUM CONCRETE COVER OF 75mm SHALL BE PROVIDED TO STEEL IN FOOTING.
- THE BASE PLATE OF THE COLUMN SHALL BE LEVELED AND THEN GROUTED WITH NON SHRINK GROUT USING STANDARD APPROVED PROCEDURE.
- ALL ANCHOR BOLTS SHALL BE HOT DIPPED GALVANIZED.
- JOINT IN THE MAIN STEEL PIPE MAY BE OF FLANGE TYPE SUBJECT TO THE ENGINEERS APPROVAL.
- CONTRACTOR MAY USE ALUMINIUM PLATE (3mm THICK) FOR SIGN FACE.
- THE SIGN PLATE SHOULD BE RIVETED TO STEEL MEMBER OF SUPPORTING FRAME.
- NUTS & BOLTS FOR CLAMPS SHALL BE SPOT WELDED AFTER TIGHTENING.

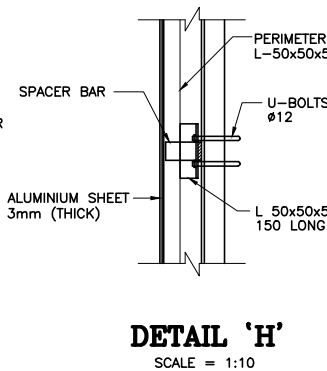
CLIENT  CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN	CONSULTANT  NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD. HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.	04				DRAWN	GOHAR	PROJECT TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD	GANTRY SIGN PLAN AND ELEVATION		SCALE
		03				SUBMITTED					DATE JUNE, 2026
		02				RECOMMENDED					
		01				CHD./VER.					
		REV.	DATE	DESCRIPTION			APPROVED		APPROVED		



SIGN DETAIL-REAR VIEW (RS010)
SCALE = 1:25

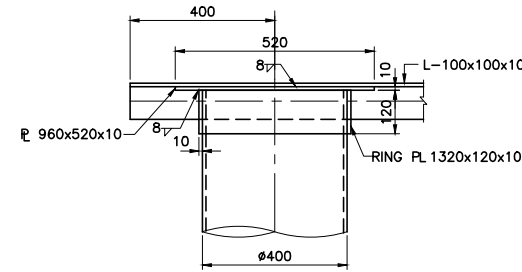


SIGN DETAIL-SECTION
SCALE = 1:25

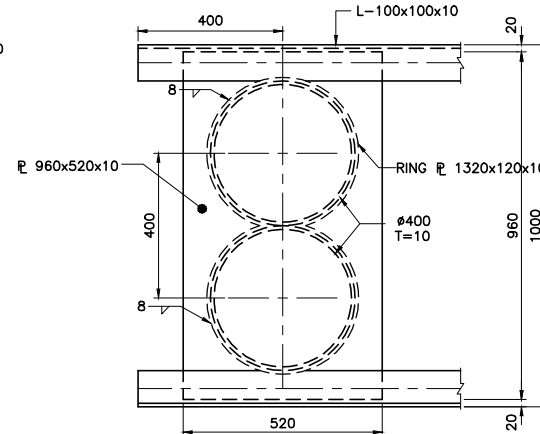


DETAIL 'H'
SCALE = 1:10

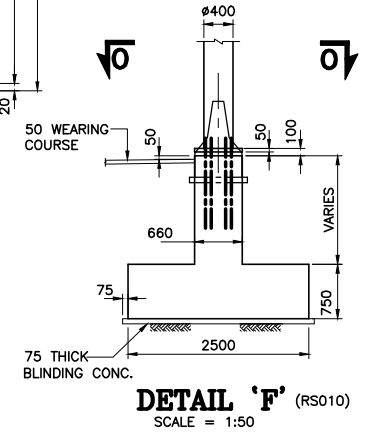
SPACER BAR
SCALE = 1:5



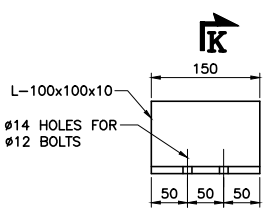
DETAIL-'A' ELEV. (RS010)
(GUSSET PLATE NOT SHOWN)
SCALE = 1:10



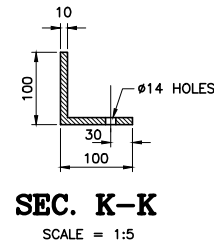
DETAIL 'A'-PLAN (RS010)
SCALE = 1:10



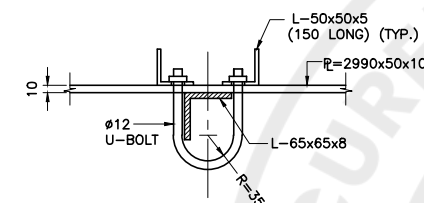
DETAIL 'F' (RS010)
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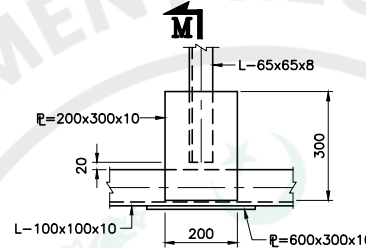
SUPPORTING ANGLE
SCALE = 1:5



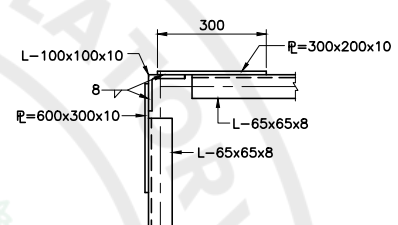
SEC. K-K
SCALE = 1:5



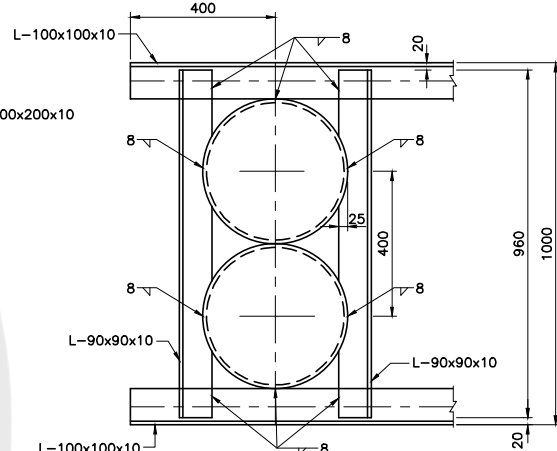
SECTIONAL PLAN J-J
(Ø12 U-BOLTS ARRANGEMENT)
SCALE = 1:5



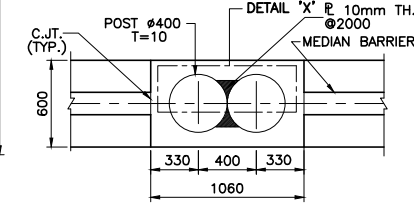
DETAIL 'D'-PLAN (RS010)
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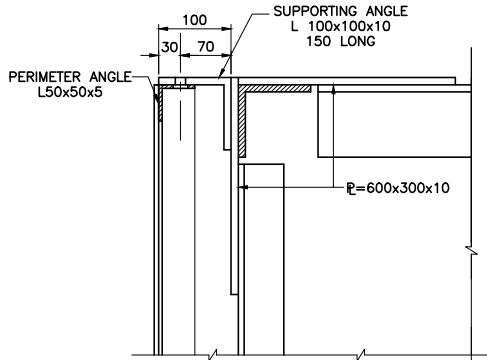
SECTION M-M
SCALE = 1:10



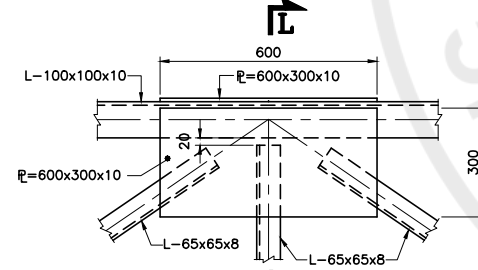
DETAIL 'B'-PLAN (RS010)
SCALE = 1:10



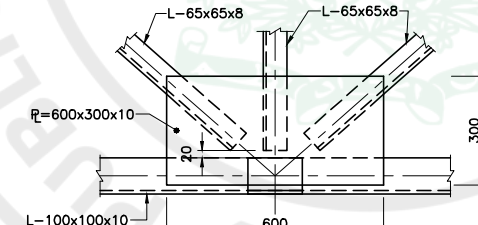
SEC. PLAN O-O
SCALE = 1:25



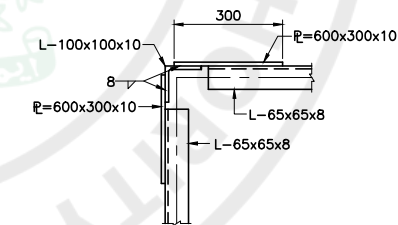
ENLARGED VIEW-'P'
SCALE = 1:5



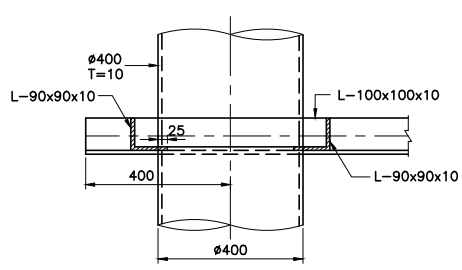
DETAIL 'C'-PLAN (RS010)
SCALE = 1:10



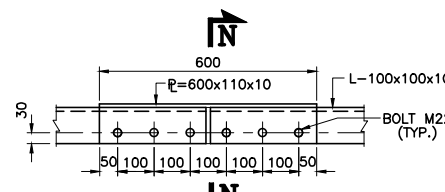
DETAIL-'G' (RS010)
SCALE = 1:10



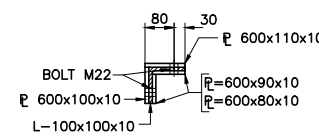
SECTION L-L
SCALE = 1:10



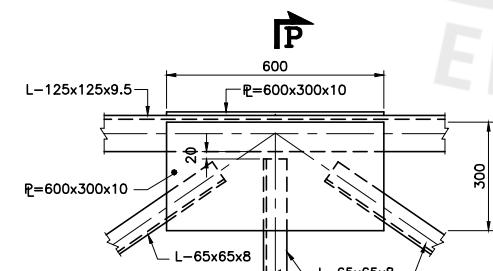
DETAIL 'B'-SECTIONAL ELEV. (RS010)
SCALE = 1:10



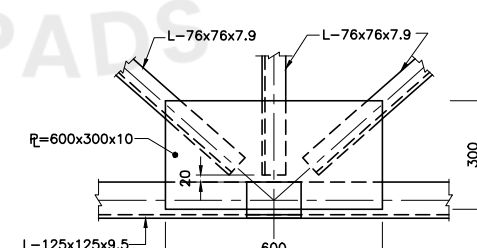
DETAIL 'E'-ELEV. (RS010)
SCALE = 1:10



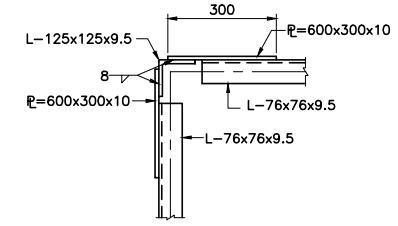
SECTION N-N
SCALE = 1:10



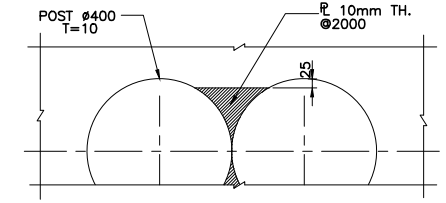
DETAIL 'J'-PLAN (RS010)
SCALE = 1:10



DETAIL-'K' (RS010)
SCALE = 1:10



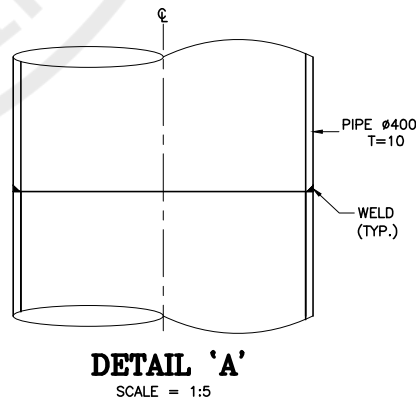
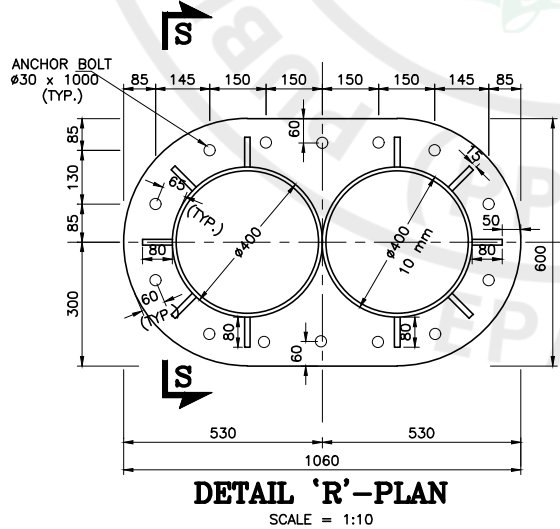
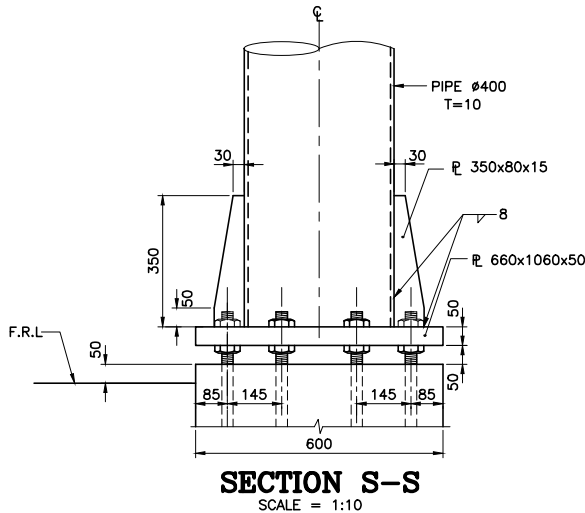
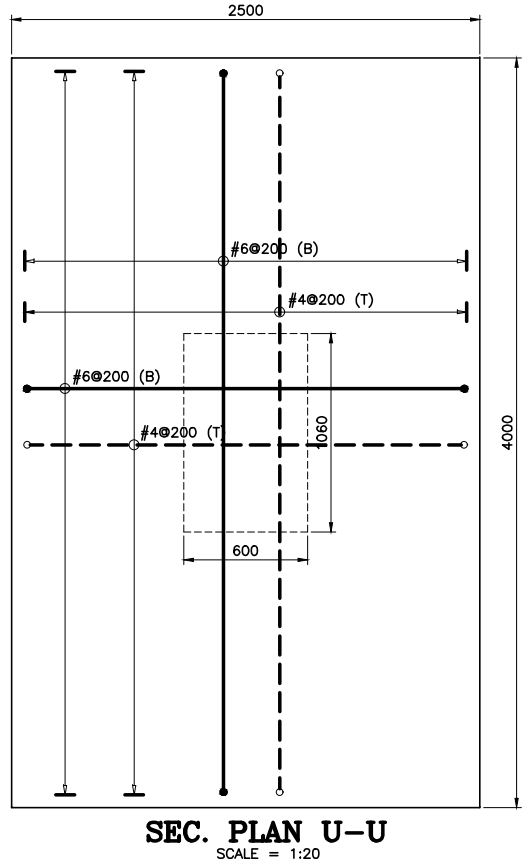
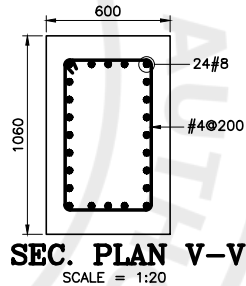
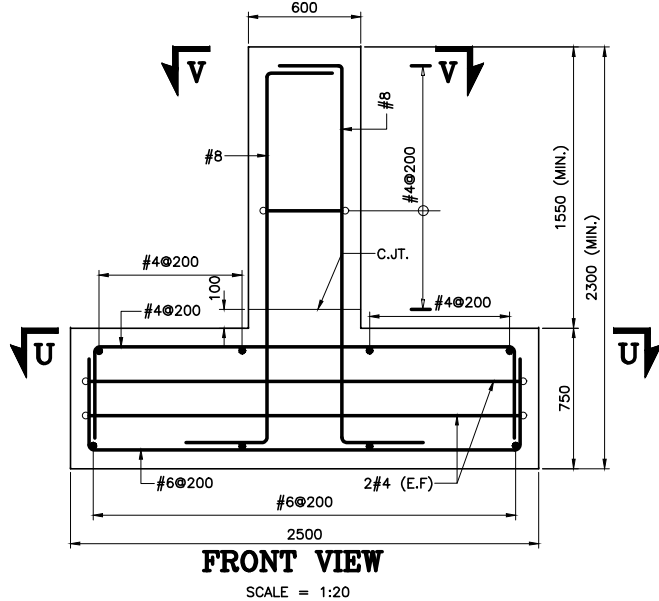
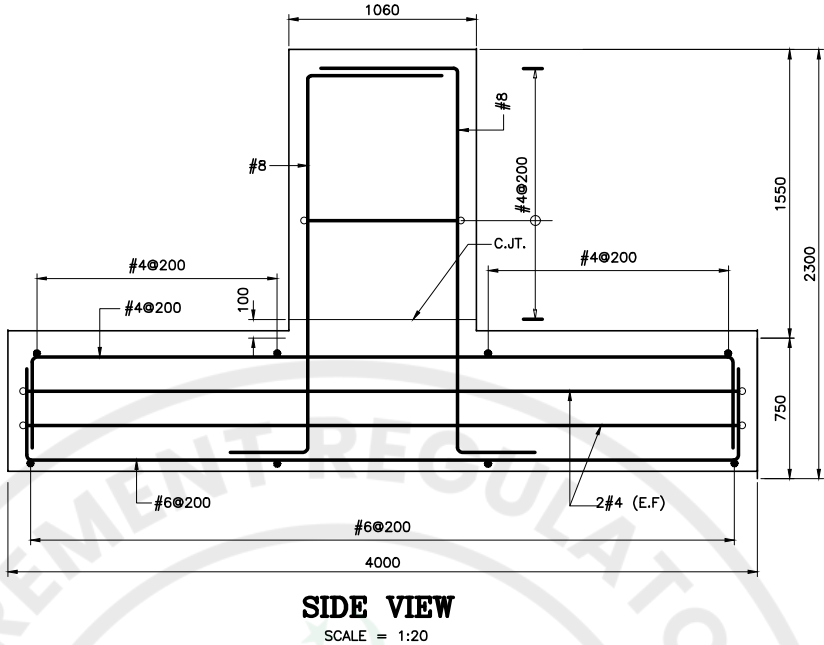
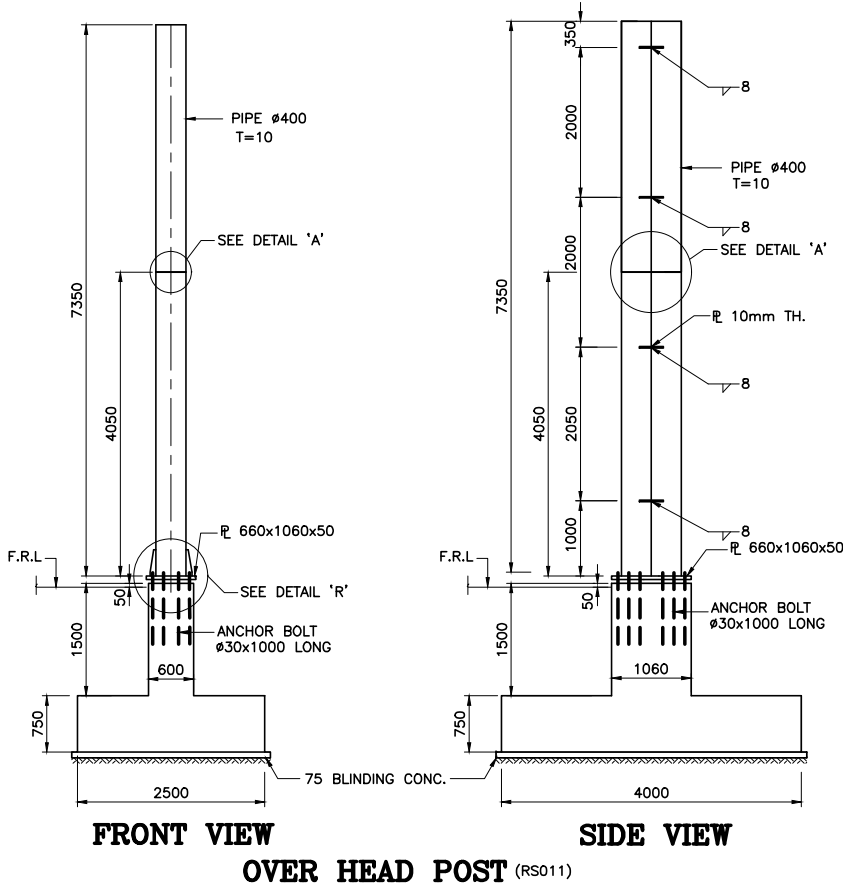
SECTION P-P
SCALE = 1:10



DETAIL 'X'
SCALE = 1:10

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS
UNLESS OTHERWISE SPECIFIED.

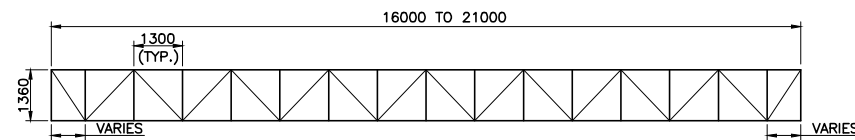
CLIENT		CONSULTANT		04		DRAWN		GOHAR		PROJECT		GANTRY SIGN TYPICAL DETAILS		SCALE			
 CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.		03		SUBMITTED				TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD		DATE JUNE, 2026		DRAWING No. 4880/102/TD/RS011		REV. ↗	
				02		RECOMMENDED											
				01		CHD./VER.											
				REV.		DATE		DESCRIPTION									
		HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.															



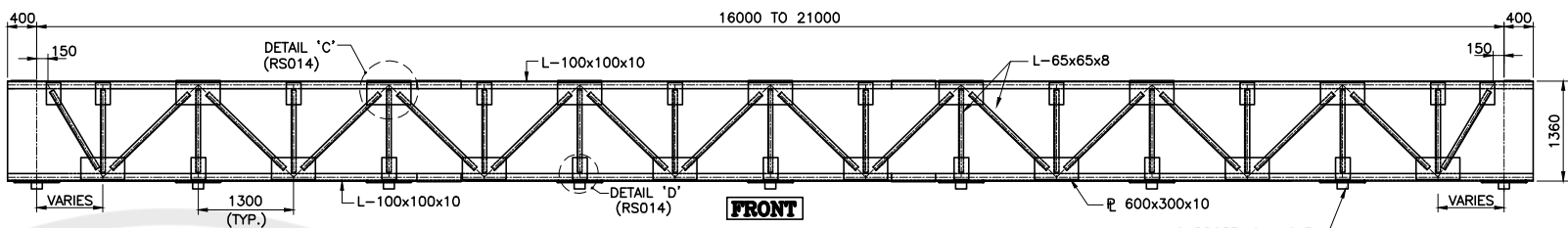
NOTES:

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2. FOR GENERAL NOTES REFER DWG.

 CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN		CONSULTANT	04				DRAWN	GOHAR	PROJECT	GANTRY SIGN FOUNDATION AND TYPICAL DETAILS		SCALE
		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.	03				SUBMITTED					
			02				RECOMMENDED					
			01				CHD./VER.					
		HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.	REV.	DATE	DESCRIPTION	APPROVED	APPROVED				DATE	DRAWING No.
									JUNE, 2026	4880/102/TD/RS012	^	



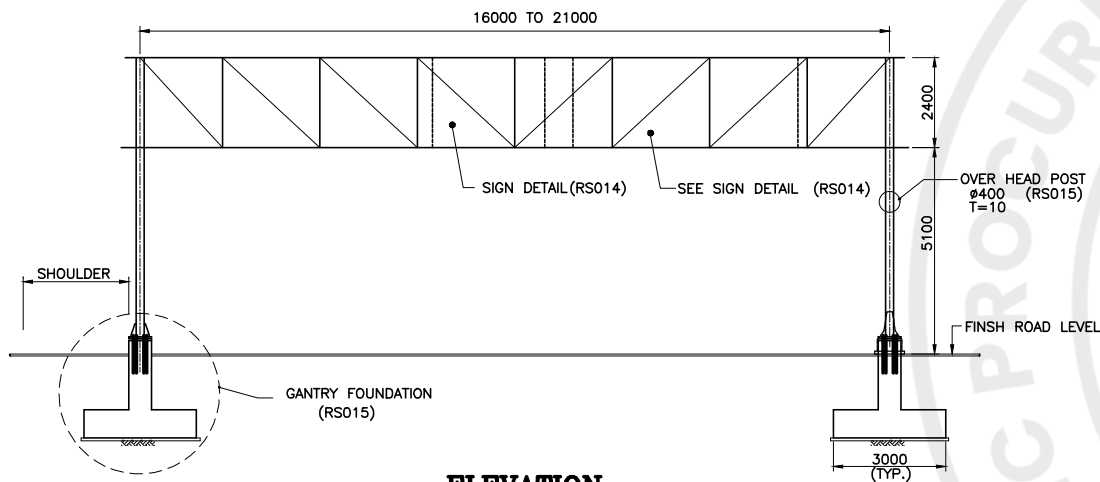
PLAN



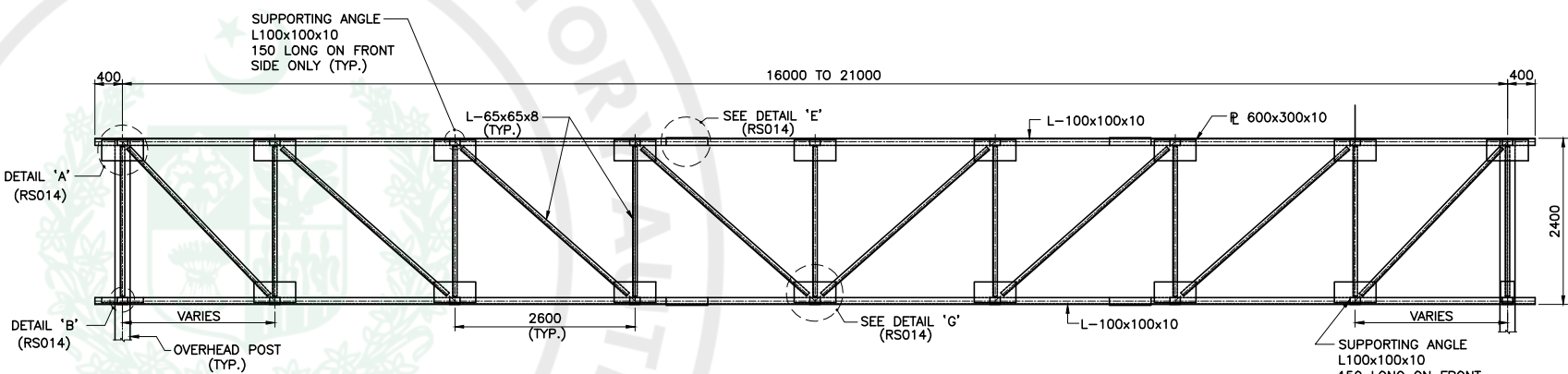
TOP & BOTTOM TRUSS - PLAN

SCALE 1:50

SUPPORTING ANGLE
L100x100x10
150 LONG ON FRONT
SIDE ONLY (TYP.)



ELEVATION
OVERHEAD INFORMATION SIGN



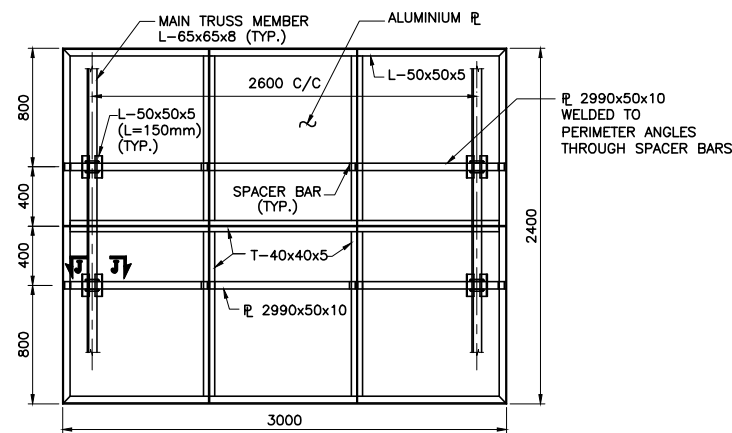
FRONT & REAR TRUSS - ELEVATION

SCALE 1:50

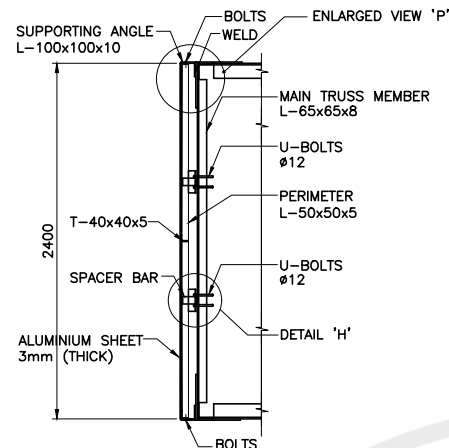
NOTES:

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3. GANTRY BEAM AND COLUMNS SHALL BE HATCH - PAINTED WITH LUMINOUS PAINT UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
4. UNLESS OTHERWISE NOTED, CONCRETE SHALL BE CLASSIFIED AS FOLLOWS.
CONCRETE CLASS 28 DAYS (15x30 CM) CYLINDER STRENGTH Kg./sq. Cm
REINFORCED A 210 (3000 psi)
5. ALL STRUCTURAL STEEL (PLATES, SHEET, CHANNELS AND ANGLES etc. SHALL CONFORM TO ASTM A-36 OR EQUIVALENT WITH MINIMUM YIELD STRENGTH OF 248 Kg./Sq. CM. (36,000 psi)
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9. CONTRACTOR SHALL SUBMIT TO THE ENGINEER, FABRICATION DRAWING WITH COMPLETE DETAILS OF MATERIAL ALONG WITH WEIGHT AND SIZES FOR APPROVAL, BEFORE PROCEEDING WITH CONSTRUCTION.
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12. ALL ANCHOR BOLTS SHALL BE HOT DIPPED GALVANIZED.
13. JOINT IN THE MAIN STEEL PIPE MAY BE OF FLANGE TYPE SUBJECT TO THE ENGINEERS APPROVAL.
14. CONTRACTOR MAY USE ALUMINIUM PLATE (3mm THICK) FOR SIGN FACE.
15. THE SIGN PLATE SHOULD BE RIVETED TO STEEL MEMBER OF SUPPORTING FRAME.
16. NUTS & BOLTS FOR CLAMPS SHALL BE SPOT WELDED AFTER TIGHTENING.

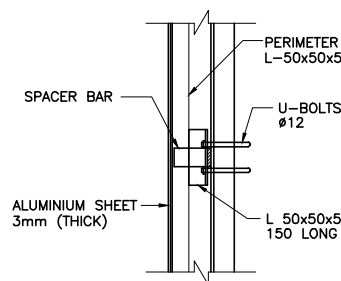
CLIENT  CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN	CONSULTANT  NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD. HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.	04				DRAWN	GOHAR	PROJECT TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD	GANTRY SIGN PLAN AND ELEVATION		SCALE
		03				SUBMITTED					
		02				RECOMMENDED					
		01				CHD./VER.					
		REV.		DATE	DESCRIPTION	APPROVED	APPROVED				
						DATE		DRAWING No.		REV.	
						JUNE, 2026		4880/102/TD/RS013		✓	



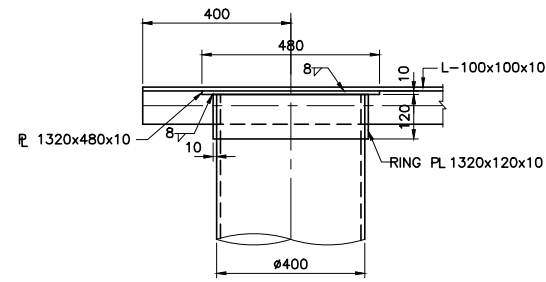
SIGN DETAIL-REAR VIEW (RS013)
SCALE = 1:25



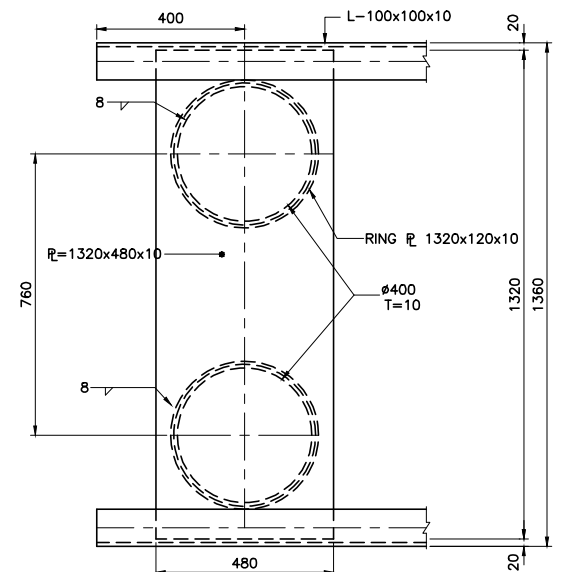
SIGN DETAIL-SECTION
SCALE = 1:25



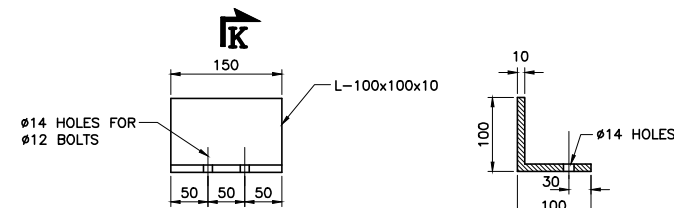
DETAIL 'H'
SCALE = 1:10



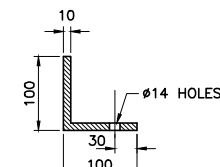
DETAIL-'A' ELEV. (RS013)
(GUSSET PLATE NOT SHOWN)
SCALE = 1:10



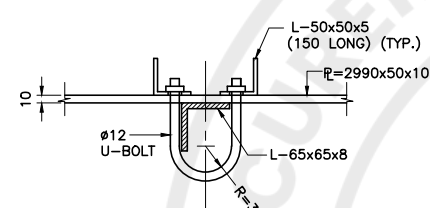
DETAIL 'A'-PLAN (RS013)
SCALE = 1:10



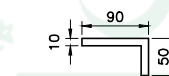
SUPPORTING ANGLE
SCALE = 1:5



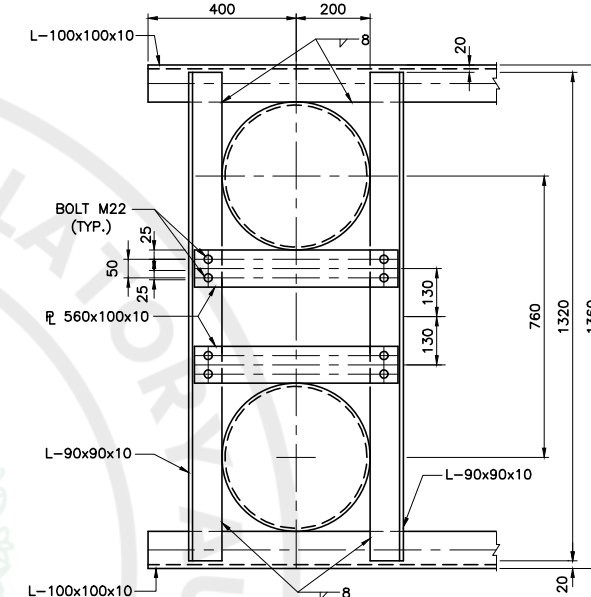
SEC. K-K
SCALE = 1:5



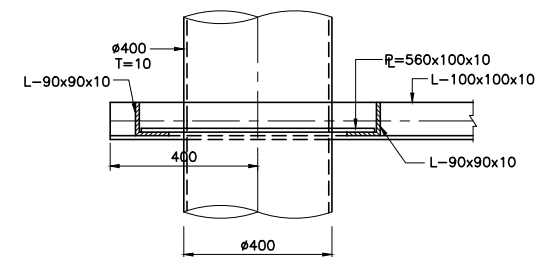
SECTIONAL PLAN J-J
(Ø12 U-BOLTS ARRANGEMENT)
SCALE = 1:5



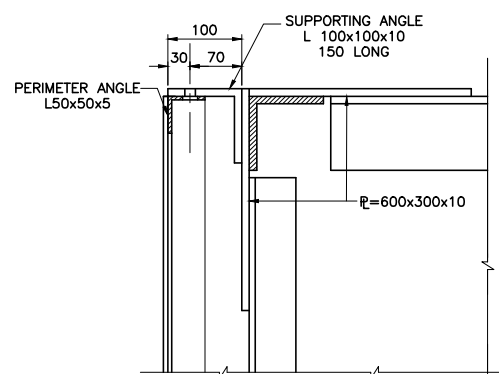
SPACER BAR
SCALE = 1:5



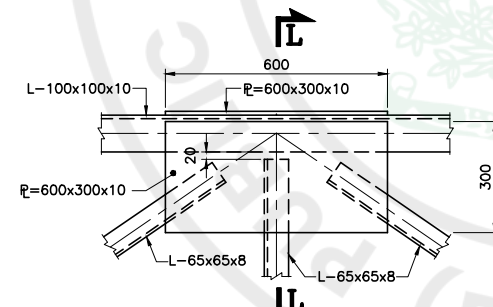
DETAIL 'B'-PLAN (RS013)
SCALE = 1:10



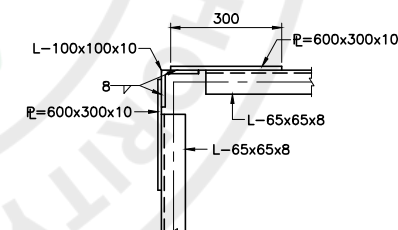
DETAIL 'B'-ELEVATION (RS013)
SCALE = 1:10



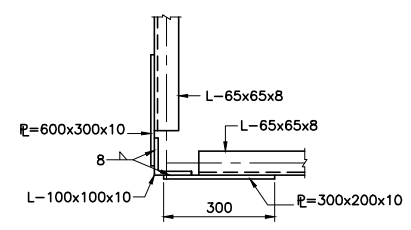
ENLARGED VIEW-'P'
SCALE = 1:5



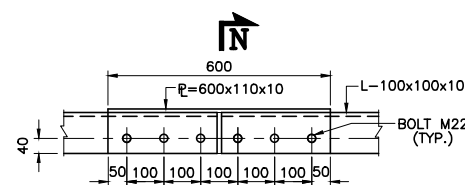
DETAIL 'C'-PLAN (RS013)
SCALE = 1:10



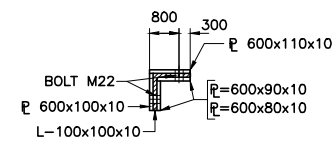
SECTION L-L
SCALE = 1:10



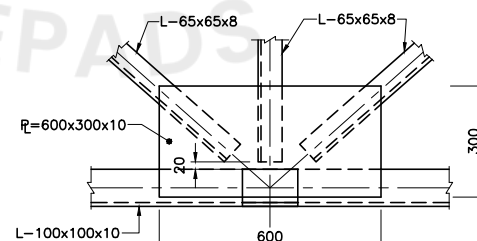
SECTION M-M
SCALE = 1:10



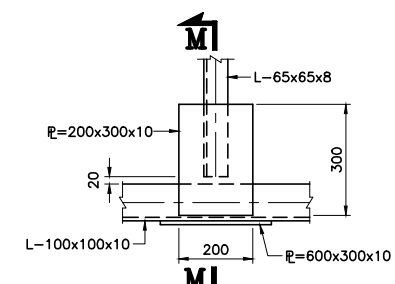
DETAIL 'E'-ELEVATION (RS013)
SCALE = 1:10



SECTION N-N
SCALE = 1:10



DETAIL-'G' (RS013)
SCALE = 1:10



DETAIL 'D'-PLAN (RS013)
SCALE = 1:10

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. FOR GENERAL NOTES REFER DWG.

CLIENT



CAPITAL DEVELOPMENT
AUTHORITY
GOVERNMENT OF PAKISTAN

CONSULTANT



NATIONAL ENGINEERING SERVICES
PAKISTAN (PVT.) LTD.

HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N,
MODEL TOWN EXTENSION, LAHORE, PAKISTAN.

04

03

02

01

REV.

DATE

DESCRIPTION

APPROVED

DRAWN

GOHAR

SUBMITTED

RECOMMENDED

CHD./VER.

APPROVED

PROJECT

TRAFFIC MANAGEMENT SOLUTION
AT KASHMIR CHOWK, MURREE ROAD
ISLAMABAD

GANTRY SIGN
TYPICAL DETAILS

DATE

JUNE, 2026

DRAWING No.

4880/102/TD/RS014

SCALE

REV.

Structural drawing of a reinforced concrete column and beam joint (C.J.T.). The drawing shows a cross-section of the joint with dimensions and reinforcement details. The column width is 780 mm. The beam width is 3000 mm. The total height of the joint is 2300 mm, with a column height of 1550 mm and a beam height of 750 mm. Reinforcement includes #8 bars, #4@200 bars, and #6@200 bars. The joint is labeled C.J.T. and includes a note 2#4 (E.F.).

ANCHOR BOLT
 $\varnothing 30 \times 1000$
 (TYP.)

780

120
 80
 380
 80
 120

45 245 245 45 45 245 245 45

580 180 580

1340

R_L 780x580x50

Technical drawing of a vertical pipe assembly. The drawing shows a cross-section of a pipe with a diameter of 400 mm and a thickness of 10 mm. The pipe is supported by a base plate with a thickness of 30 mm. The base plate is made of PL 350x150x15. The pipe is secured to the base plate with bolts and nuts. The base plate is supported by a foundation with a width of 780 mm. The foundation is made of PL 780x580x50. The drawing includes dimensions for the pipe height (350 mm), the base plate thickness (30 mm), the foundation width (780 mm), and the foundation height (50 mm). The drawing also includes a note for the material of the pipe: PIPE $\phi 400$ T=10.

Technical drawing of a reinforced concrete column and beam joint (C.J.T.). The drawing shows a cross-section of the joint with dimensions and reinforcement details.

Dimensions:

- Column width: 1360
- Column height: 1550
- Beam width: 4500
- Beam height: 750
- Joint height: 100

Reinforcement Details:

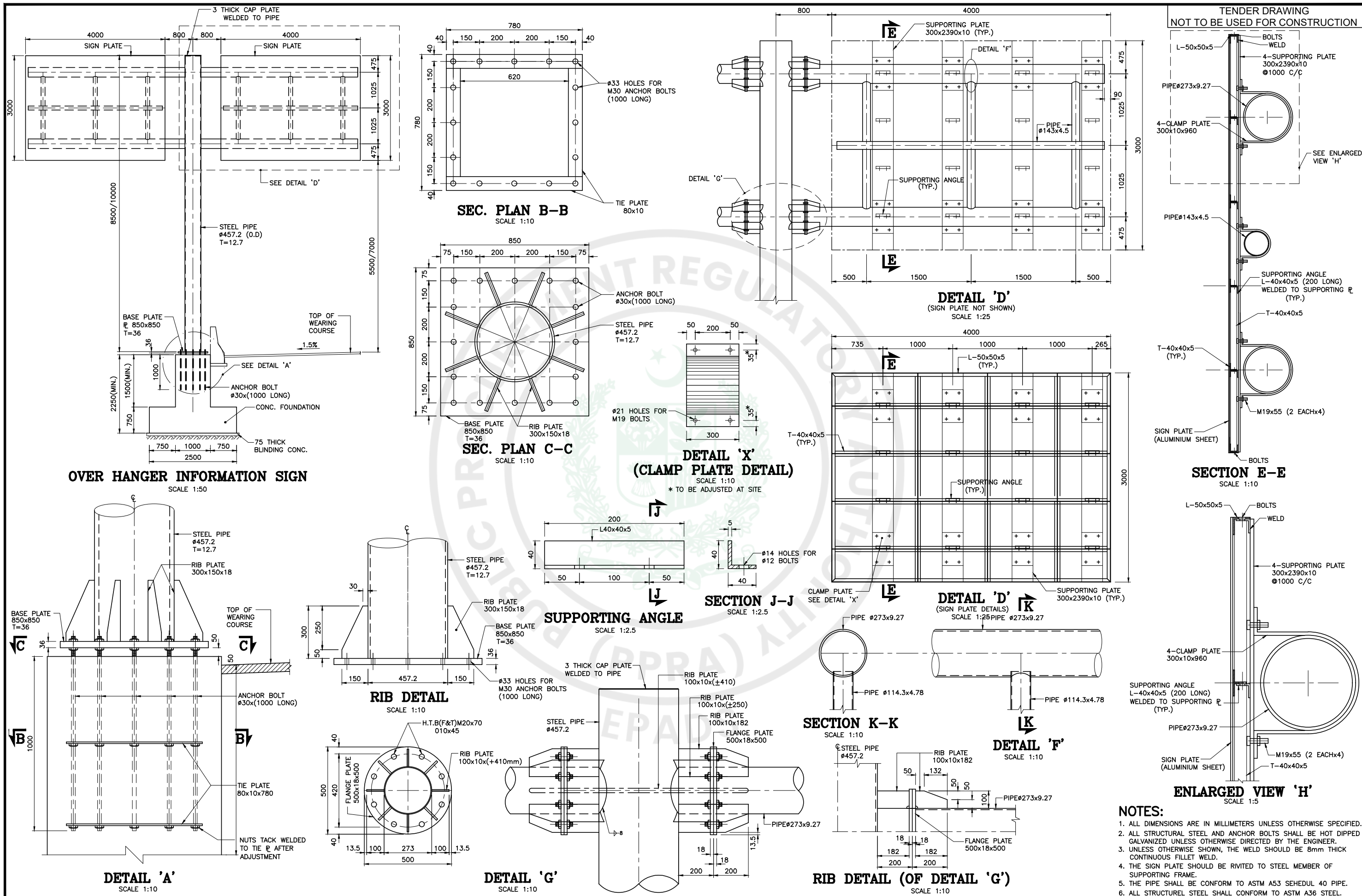
- Column reinforcement: #8 bars, #4@200 spacing.
- Beam reinforcement: #6@200 spacing, 2#4 (E.F.) bars.
- Joint reinforcement: #4@200 spacing.

Labels:

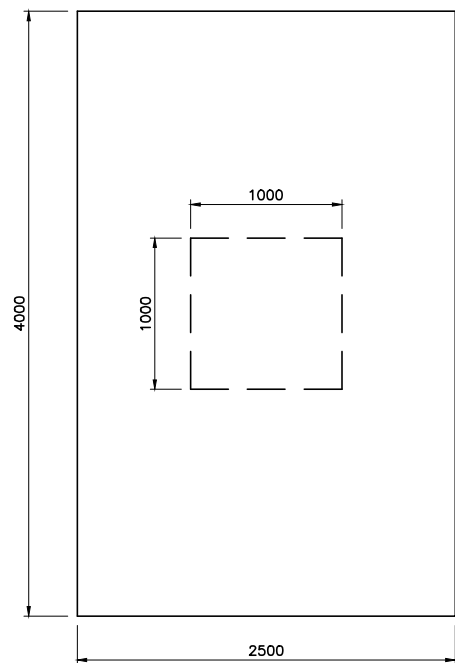
- C.J.T. (Column-Joint-Top)
- #8 (Reinforcement bar size)
- #4@200 (Reinforcement bar size and spacing)
- #6@200 (Reinforcement bar size and spacing)
- 2#4 (E.F.) (Reinforcement bar size and quantity)

Diagram of a pipe with a weld and a crack. The pipe is labeled "PIPE $\phi 400$ " and "T=10". A weld is labeled "WELD (TYP.)". A crack is shown on the right side of the pipe, labeled "CRACK". The crack is a semi-elliptical shape on the outer surface of the pipe. The crack is labeled with "a" for the semi-major axis and "b" for the semi-minimum axis. The crack is also labeled with "C" for the crack depth. The crack is shown on the right side of the pipe, which is labeled "PIPE $\phi 400$ " and "T=10". The weld is labeled "WELD (TYP.)". The crack is labeled "CRACK". The crack is a semi-elliptical shape on the outer surface of the pipe. The crack is labeled with "a" for the semi-major axis and "b" for the semi-minimum axis. The crack is also labeled with "C" for the crack depth. The crack is shown on the right side of the pipe, which is labeled "PIPE $\phi 400$ " and "T=10". The weld is labeled "WELD (TYP.)". The crack is labeled "CRACK".

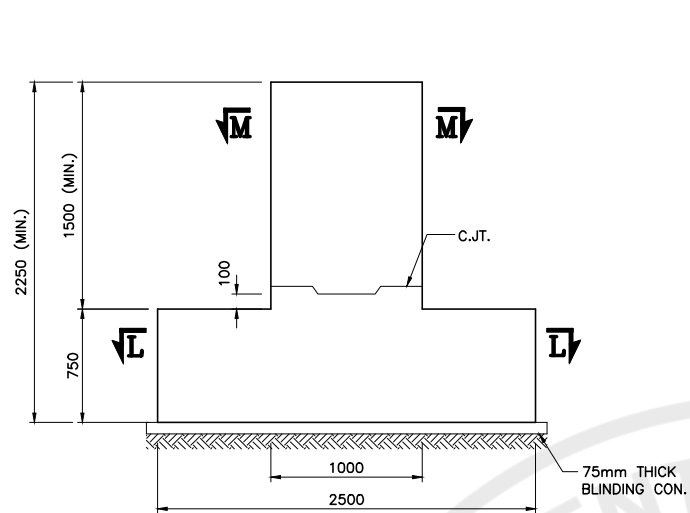
GOHAR F:\ZUBAIR BUTT PROJECTS\kashmir chowk\TENDER DRAWING-28-10-2026\GENERAL DRAWINGS\RS015.dwg 22/06/2026
Page 196 of 221



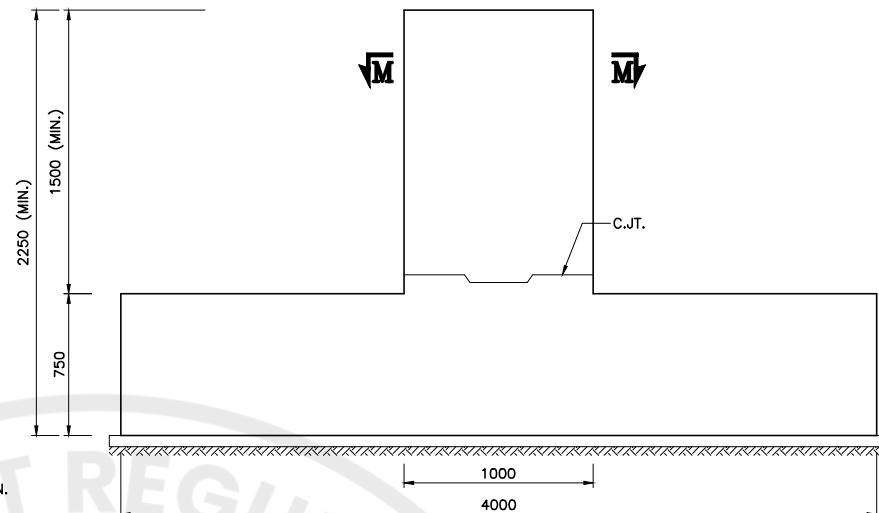
CLIENT  CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN		CONSULTANT  NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD. HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.		04 03 02 01 REV. DATE DESCRIPTION APPROVED APPROVED		DRAWN GOHAR SUBMITTED RECOMMENDED CHD./VER.		PROJECT TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD		CANTILEVER GANTRY SIGN 5.5M & 7.0M HEIGHT PLAN ELEVATION & SECTIONS DATE JUNE, 2026 DRAWING No. 4880/102/TD/RS016		SCALE REV. ↗
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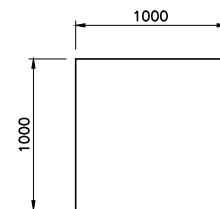
SEC. PLAN L-L



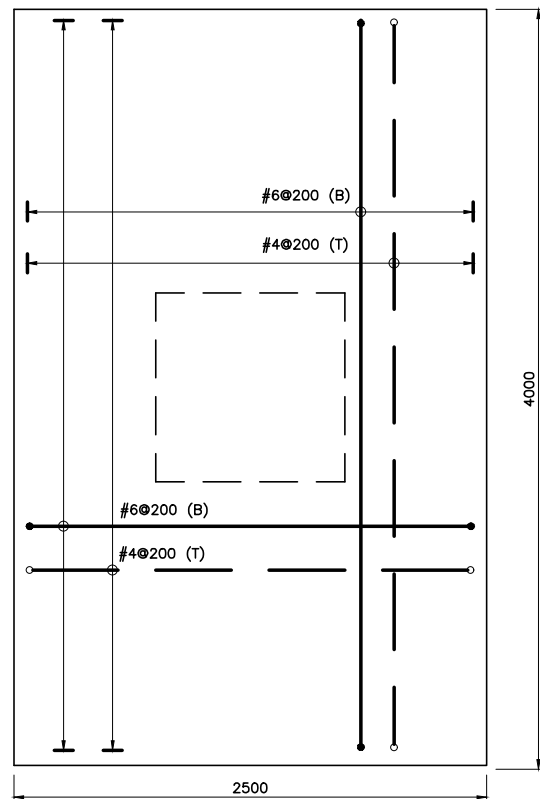
FRONT VIEW
(CONC. OUTLINE)



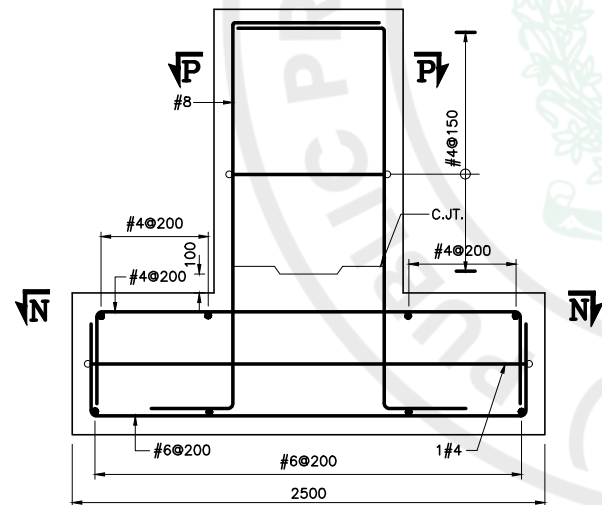
SIDE VIEW
(CONC. OUTLINE)



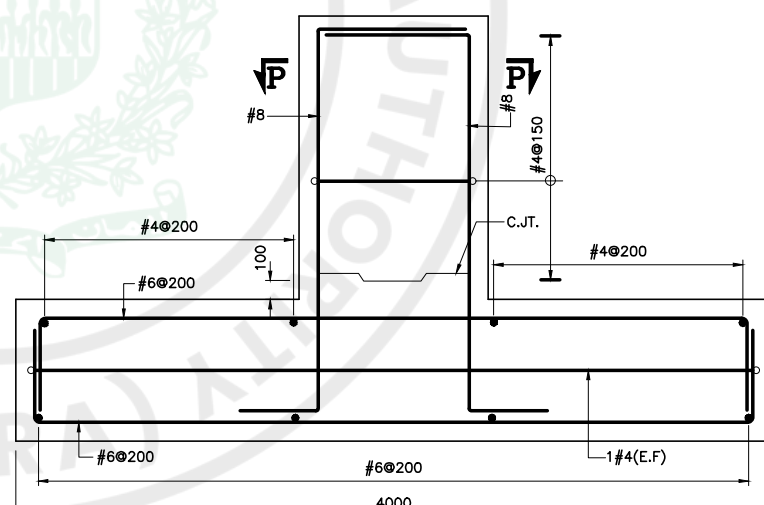
SEC. PLAN M-M



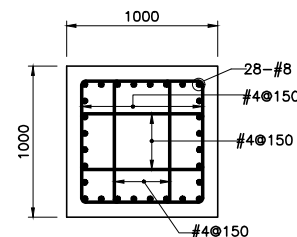
SEC. PLAN N-N



FRONT VIEW
(REINFORCEMENT)



SIDE VIEW
(REINFORCEMENT)



SEC. PLAN P-P

NOTES:

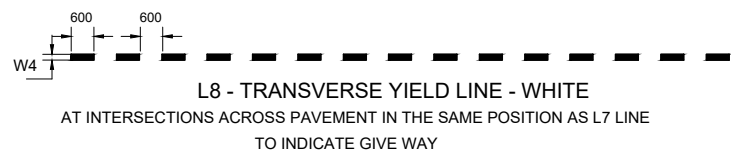
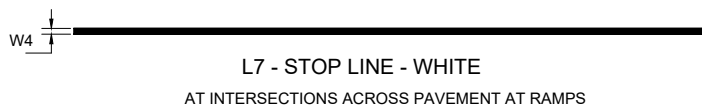
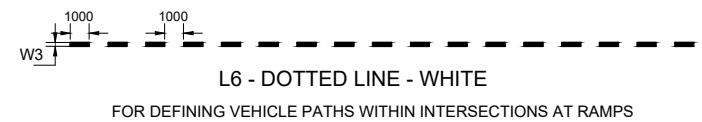
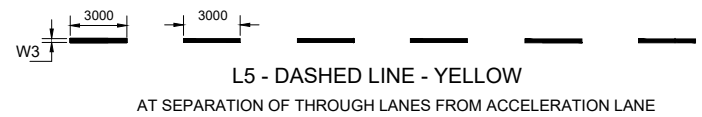
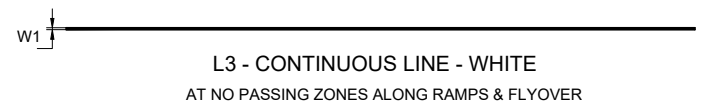
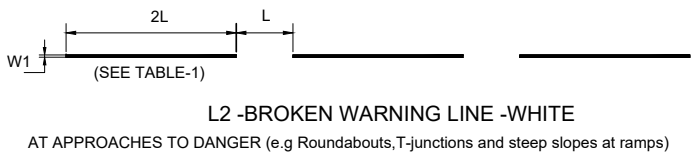
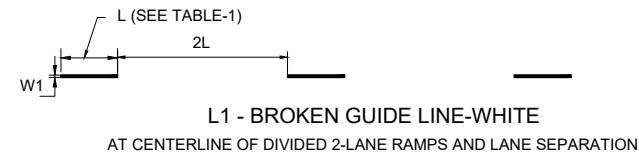
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- THE FOUNDATION SIZE IS BASED ON AN ALLOWABLE BEARING CAPACITY OF 1T/FT².
- MINIMUM COMPRESSIVE CYLINDER STRENGTH OF ALL STRUCTURAL CONCRETE SHALL BE 3000 PSI AT 28 DAYS.
- MINIMUM YIELD STRENGTH OF REINFORCING STEEL SHALL BE 60000 PSI.

CLIENT		CONSULTANT		04		DRAWN		GOHAR		PROJECT		CANTILEVER GANTRY SIGN 5.5M & 7.0M HEIGHT FOUNDATION DETAILS		SCALE	
 CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN		 NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.		03		SUBMITTED				TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD					
				02		RECOMMENDED									
				01		CHD./VER.									
				REV.		DATE		DESCRIPTION							APPROVED
		HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.										DATE JUNE, 2026		DRAWING No. 4880/102/TD/RS017	REV. ^



PAVEMENT MARKING LINES

SCALE 1:200
FOR DIMENSIONS L & W1 TO W5, SEE TABLE-1



LANE SELECTION ARROWS - WHITE

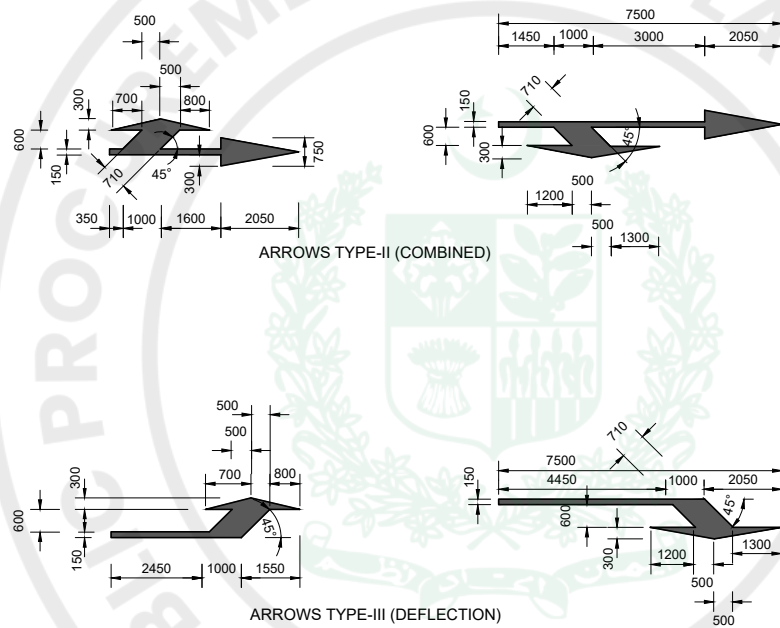
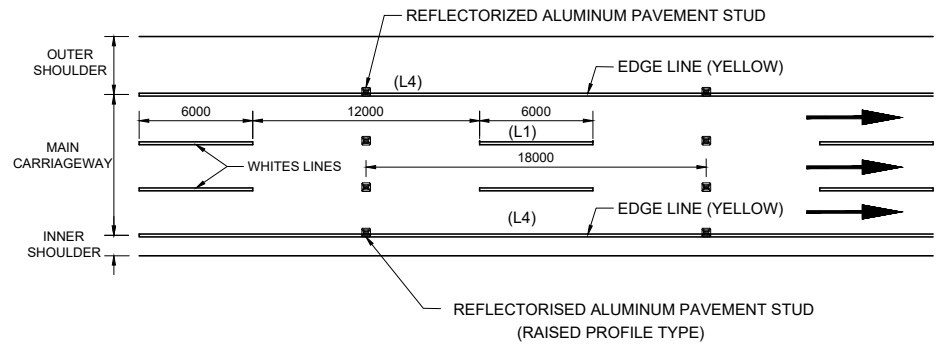


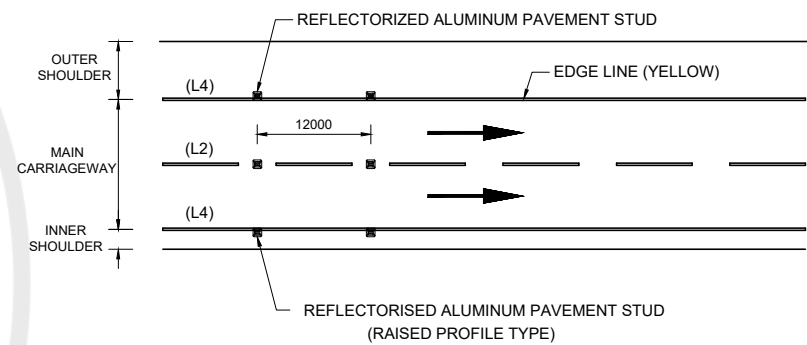
TABLE - 1

ROADWAY TYPE	L (mm)	W1	W2	W3	W4	W5
FLYOVER RAMPS & OTHER ROADS	4000	120	150	150	300	120
MAIN ROAD	6000	150	200	300	-	-

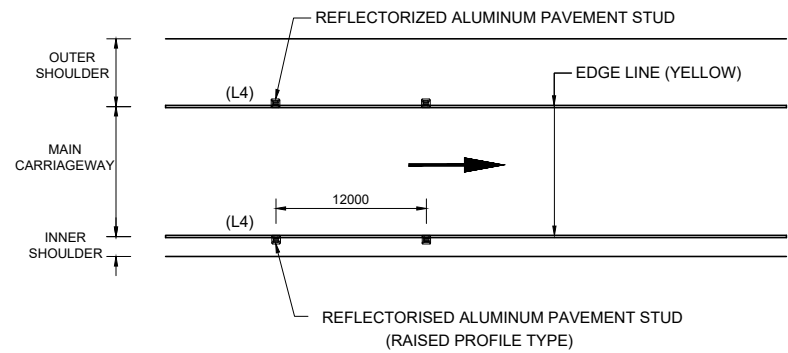
TYPICAL MARKING



TYPICAL MARKING AT TWO LANE RAMP (AT APPROACHES TO HAZARDS)



TYPICAL MARKING AT ONE WAY RAMPS (SINGLE LANE)



NOTE:-

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

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CONSULTANT
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NATIONAL ENGINEERING SERVICES
PAKISTAN (PVT.) LTD.
HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N,
MODEL TOWN EXTENSION, LAHORE, PAKISTAN.

04				DRAWN	GOHAR
03				SUBMITTED	
02				RECOMMENDED	
01				CHD./VER.	
REV.	DATE	DESCRIPTION	APPROVED	APPROVED	

PROJECT
**TRAFFIC MANAGEMENT SOLUTION
AT KASHMIR CHOWK , MURREE ROAD
ISLAMABAD**

TYPICAL PAVEMENT
MARKING DETAIL (1)

DATE
JUNE, 2026
DRAWING No.
4880/102/TD/MS001

SCALE
REV.
✓

Technical drawings of two types of raised profile pavement gaps:

- DETAIL "A"**: Shows a cross-section of a pavement gap. The gap is 15000 units wide. The pavement thickness is 150 units. The gap is filled with a material having a thickness of 450 units. The gap is defined by a series of 10 raised profile studs, each 3000 units wide and 2000 units high. The studs are labeled "REFLECTORISED ALUMINUM PAVEMENT STUDS (RAISED PROFILE TYPE @ ALTERNATE GAP)".
- DETAIL "B"**: Shows a cross-section of a pavement gap. The gap is 15,000 units wide. The pavement thickness is 450 units. The gap is filled with a material having a thickness of 750 units. The gap is defined by a series of 6 raised profile studs, each 3000 units wide and 2000 units high. The studs are labeled "REFLECTORISED ALUMINUM PAVEMENT STUDS (RAISED PROFILE TYPE @ ALTERNATE GAP)".

REFLECTORISED ALUMINUM PAVEMENT STUDS
(RAISED PROFILE TYPE AT ALTERNATE STREPS)

DETAIL "C"

REFLECTORISED ALUMINUM PAVEMENT STUDS
(RAISED PROFILE TYPE @ ALTERNATE STRIPS)

DETAIL "D"

SHOULDER

ENTRY RAMP

REFLECTORISED ALUMINUM PAVEMENT STUDS (RAISED PROFILE TYPE @ ALTERNATE STRIPS)

150

750

37,500

3000 2000 3000 2000 3000 2000

450

DETAIL "E"

DETAIL "G"

450

2000 3000 2000 3000 2000 3000 2000 3000 2000 3000

15000

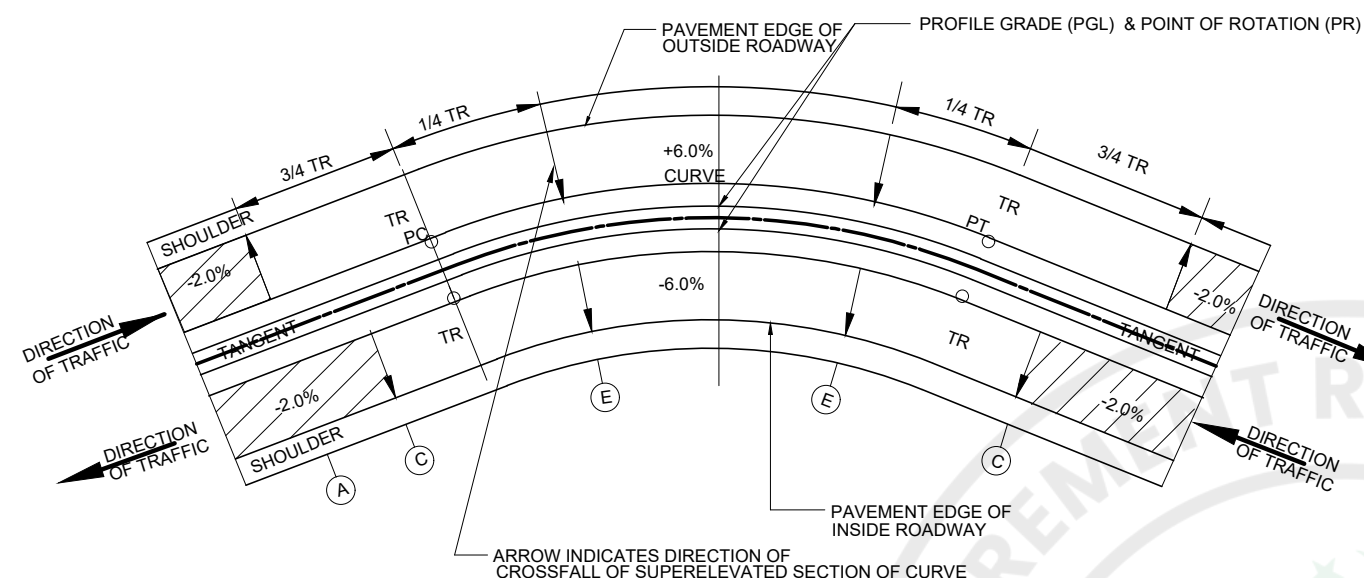
150

DETAIL "F"

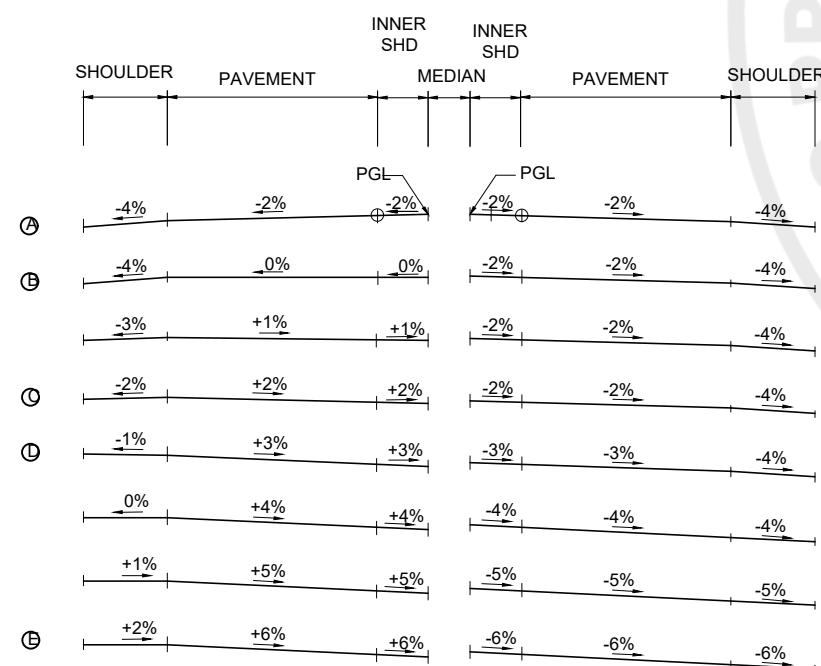
Plan view of a road layout. The main carriageway is shown with a dashed centerline and solid edge lines. An acceleration lane is located to the right of the main carriageway. A dashed circle labeled "DETAIL 'D'" is located at the left end of the main carriageway. A dashed rectangle labeled "DETAIL 'E'" is located in the middle of the main carriageway. A dashed circle labeled "DETAIL 'F'" is located at the right end of the main carriageway. The text "Q OF MAIN ROAD" is located at the top left. The text "(1:50)" is located in the middle of the main carriageway. The text "MAIN CARRIAGEWAY" is located below the main carriageway. The text "ACCELERATION LANE" is located below the acceleration lane. The text "NOTE" is located at the bottom right.

1- ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS NOTED OTHERWISE.

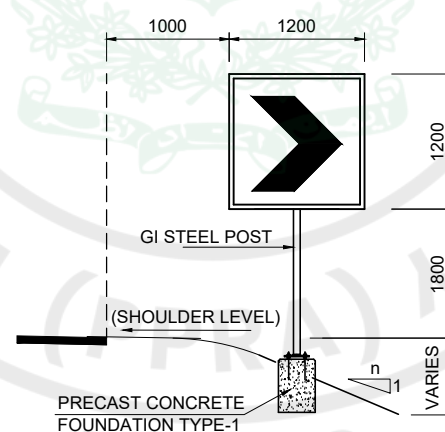
GOHAR F:\ZUBAIR BUTT PROJECTS\kashmir chowk\TENDER DRAWING-28-10-2026\GENERAL DRAWINGS\MS002.DWG 22/06/2026
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PLAN OF TYPICAL SUPERELEVATION TRANSITION



SECTIONS OF TYPICAL DISTRIBUTION OF SUPERELEVATION

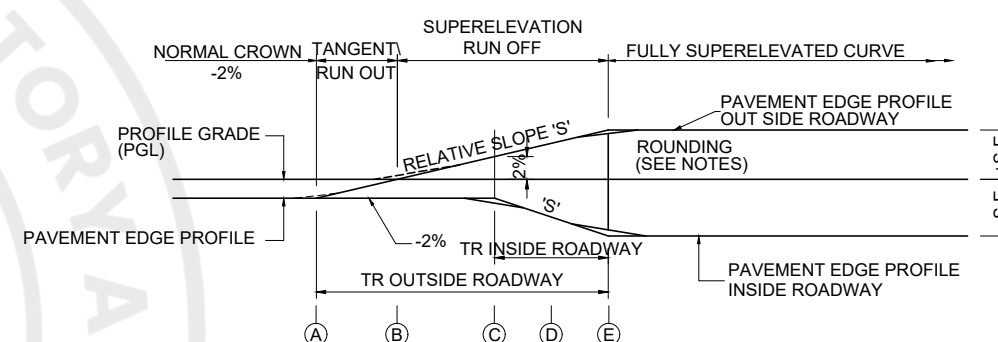


SHARP DEVIATION SIGN
(ON SHARP CURVES)

TABLE-I
RELATIVE SLOPE FOR SUPERELEVATED EDGE (S%)

DESIGN SPEED "Km / Hr"	2 LANE ROAD	1 LANE RAMP	2 LANE RAMP
50	0.67	0.80	1.00
80	0.50		
100	0.45		
120*	0.40		

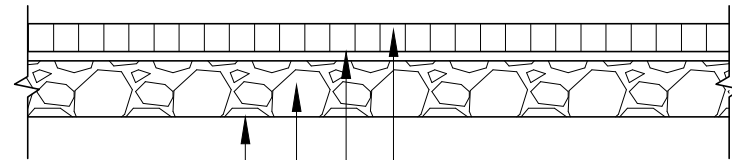
* VALUE TO BE ADOPTED FOR THIS PROJECT.



PROFILE OF TYPICAL EDGE SUPERELEVATION TRANSITIONS

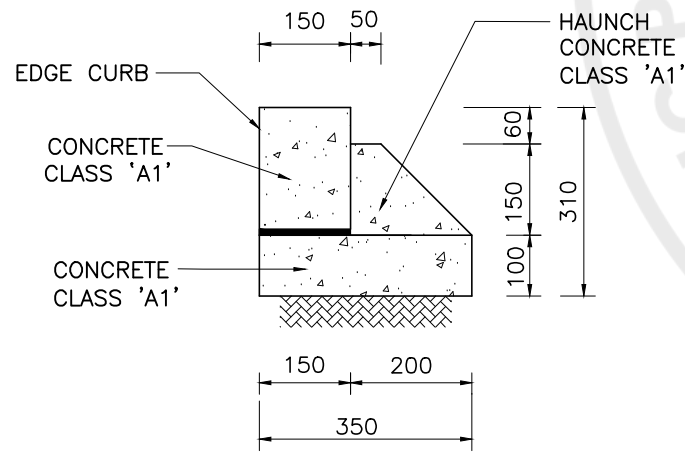
NOTES :-

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.
2. ALL SUPERELEVATION RATES ARE EXPRESSED IN UNITS PER HUNDRED (%).
3. PROFILE GRADE LINE (PGL) AND POINT OF ROTATION (PR) SHALL BE AS SHOWN IN THE TYPICAL CROSS SECTION.
4. FOLLOWING SIGN CONVENTION FOR SUPERELEVATION RATE ARE APPLICABLE
(-) WHEN LEFT EDGE OF PAVEMENT OR SHOULDER, IN DIRECTION OF TRAFFIC IS LOWER THAN RIGHT EDGE.
(+) WHEN LEFT EDGE OF PAVEMENT OR SHOULDER, IN DIRECTION OF TRAFFIC, IS HIGHER THAN RIGHT EDGE.
5. EDGE PROFILES OF SUPERELEVATED PAVEMENT AND SHOULDERS SHALL BE FREE FROM IRREGULARITIES, ROUNDING AT POINTS A, C & E SHALL BE ACHIEVED USING A 20 METER MINIMUM VERTICAL CURVE.
6. THE FORMULAE USED FOR CALCULATION OF INNER & OUTER TRs ARE AS UNDER:-
(I). LENGTH OF TR = $\frac{\text{REQUIRED S.E.} + \text{CROSS SLOPE}}{\text{S FACTOR}}$ x PAVEMENT WIDTH TO BE ROTATED
(II). 'S' FACTOR IS TAKEN FROM TABLE-I. THE LENGTH OF TRs ARE INDICATED ON PLAN & PROFILE SHEETS, WHICH MAY BE ADJUSTED AS PER SITE CONDITIONS AND/OR AS APPROVED BY THE ENGINEER'S REPRESENTATIVE.
7. THE RATE OF SUPERELEVATION (S.E) IS RESTRICTED TO A MAXIMUM OF 6%.

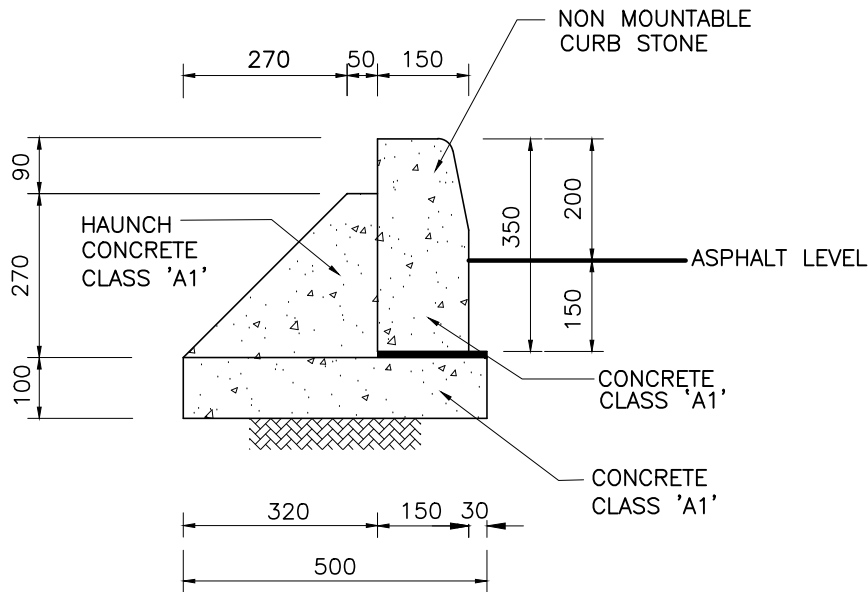


- PAVING TILES = 60
- SAND = 30
- SUBBASE = 150
- SUBGRADE COMPACTED TO 95% M.D.D (MIN. CBR 8%)

WALKWAY DETAIL



NON MOUNTABLE
CURB STONE DETAIL



EDGE CURB DETAIL

NOTE:
1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS SPECIFIED OTHERWISE.

CLIENT  CAPITAL DEVELOPMENT AUTHORITY GOVERNMENT OF PAKISTAN	CONSULTANT  NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD. HEAD OFFICE:- NESPAK HOUSE, I-C, BLOCK-N, MODEL TOWN EXTENSION, LAHORE, PAKISTAN.	04				DRAWN	GOHAR	PROJECT TRAFFIC MANAGEMENT SOLUTION AT KASHMIR CHOWK , MURREE ROAD ISLAMABAD	MISCELLANEOUS DETAILS		SCALE
		03				SUBMITTED					
		02				RECOMMENDED					
		01				CHD./VER.					
		REV.	DATE	DESCRIPTION	APPROVED	APPROVED					
											DATE
									JUNE, 2026	4880/102/TD/MS004	^

CONSTRUCTION EXPERIENCE

Form EXP - 4.1 General Construction Experience

Bidder's Name: _____

Date: _____

JV Member's Name _____

Bid Reference No. (if any) and title: _____

Page _____ of _____ pages

Starting Year	Ending Year	Contract Identification	Role of Bidder
		Contract name: _____ Brief Description of the Works performed by the Bidder: _____ Amount of contract: _____ Name of EMPLOYER: _____ Address: _____	
		Contract name: _____ Brief Description of the Works performed by the Bidder: _____ Amount of contract: _____ Name of EMPLOYER: _____ Address: _____	
		Contract name: _____ Brief Description of the Works performed by the Bidder: _____ Amount of contract: _____ Name of EMPLOYER: _____ Address: _____	

Form EXP - 4.2(a)
Specific Construction and Contract Management Experience

Bidder's Name: _____

Date: _____

JV Member's Name _____

Bid Reference No. (if any) and title: _____

Page _____ of _____ pages

Similar Contract No.	Information			
Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor ☐	Member in JV ☐	Management Contractor ☐	Sub- contractor ☐
Total Contract Amount				PKR equivalent
If member in a JV or sub-contractor, specify participation in total Contract amount				
EMPLOYER's Name:				
Address:				
Telephone/fax number				
E-mail:				

Form EXP - 4.2(a) (cont.)
Specific Construction and Contract Management Experience (cont.)

Similar Contract No.	Information
Description of the similarity in accordance with Sub-Factor 4.2(a) of Section III:	
1. Amount	
2. Physical size of required works items	
3. Complexity	
4. Methods/Technology	
5. Construction rate for key activities	
6. Other Characteristics	

Form EXP - 4.2(b)
Construction Experience in Key Activities

Bidder's Name: _____

Date: _____

Bidder's JV Member Name: _____

Sub-contractor's Name (if any): _____

Bid Reference No. (if any) and title: _____

Page _____ of _____ pages

All Sub-contractors for key activities must complete the information and Qualification Criteria and Requirements, Sub-Factor 4.2.

1. Key Activity No One: _____

Information				
Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor ☐	Member in JV ☐	Management Contractor ☐	Sub-contractor ☐
Total Contract Amount	PKR equivalent			
Quantity (Volume, number or rate of production, as applicable) performed under the contract per year or part of the year	Total quantity in the contract (i)	Percentage participation (ii)	Actual Quantity Performed (i) x (ii)	
Year 1				
Year 2				
Year 3				
Year 4				
EMPLOYER's Name:				
Address:				
Telephone/fax number				

	Information
E-mail:	

2. Activity No. Two

3.

	Information
Description of the key activities in accordance with Section III:	

Form EXP - 4.2 (c)
Specific Experience in Managing ES aspects

[The following table shall be filled in for contracts performed by the Bidder, and each member of a Joint Venture]

Bidder's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

Bid Reference No. (if any) and title: *[insert ICB/NCB number and title]*

Page *[insert page number]* of *[insert total number]* pages

1. Key Requirement no 1 in accordance with 4.2 (c): _____

Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor ☐	Member in JV ☐	Management Contractor ☐	Subcontractor ☐
Total Contract Amount			PKR	
Details of relevant experience				

2. Key Requirement no 2 in accordance with 4.2 (c): _____
3. Key Requirement no 3 in accordance with 4.2 (c): _____
4. [PA define key requirements] _____

Contractor's Representative and Key Personnel Schedule

Bidders should provide the names and details of the suitably qualified Contractor's Representative and Key Personnel to perform the Contract. The data on their experience should be supplied using the Form PER-2 below for each candidate.

Contractor' Representative and Key Personnel

1.	Title of position:	
	Name of candidate:	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment: for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
2.	Title of position:	
	Name of candidate:	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment: for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
3.	Title of position:	
	Name of candidate:	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment: for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
4.	Title of position:	
	Name of candidate:	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>

	Time commitment: for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
5.	Title of position:	
	Name of candidate	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment: for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>
6.	Title of position: <i>[insert title]</i>	
	Name of candidate	
	Duration of appointment:	<i>[insert the whole period (start and end dates) for which this position will be engaged]</i>
	Time commitment: for this position:	<i>[insert the number of days/week/months/ that has been scheduled for this position]</i>
	Expected time schedule for this position:	<i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i>

**Form PER-2:
Resume and Declaration
Contractor's Representative and Key Personnel**

Name of Bidder

Position [#1]: <i>[title of position from Form PER-1]</i>		
Personnel information	Name:	Date of birth:
	Address:	E-mail:
	Professional qualifications:	
	Academic qualifications:	
	Language proficiency: <i>[language and levels of speaking, reading and writing skills]</i>	
details		
	Address of Employer:	
	Telephone:	Contact (manager / personnel officer):
	Fax:	
	Job title:	Years with present Employer:

Summarize professional experience in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

Project	Role	Duration of involvement	Relevant experience
<i>[main project details]</i>	<i>[role and responsibilities on the project]</i>	<i>[time in role]</i>	<i>[describe the experience relevant to this position]</i>

Declaration

I, the undersigned [insert either “Contractor’s Representative” or “Key Personnel” as applicable] , certify that to the best of my knowledge and belief, the information contained in this Form PER-2 correctly describes myself, my qualifications and my experience.

I confirm that I am available as certified in the following table and throughout the expected time schedule for this position as provided in the Bid:

Commitment	Details
Commitment to duration of contract:	[insert period (start and end dates) for which this Contractor’s Representative orKey Personnel is available to work on this contract]
Time commitment:	[insert period (start and end dates) for which this Contractor’s Representative orKey Personnel is available to work on this contract]

I understand that any misrepresentation or omission in this Form may:

- (a) be taken into consideration during Bid evaluation;
- (b) result in my disqualification from participating in the Bid;
- (c) result in my dismissal from the contract.

Name of Contractor’s Representative or Key Personnel: [insert name]

Signature: _____

Date: (day month year): _____

Countersignature of authorized representative of the Bidder:

Signature: _____

Date: (day/month/year): _____

Financial Resources

Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, net of current commitments, available to meet the total construction cash flow demands of the subject contract or contracts as specified in Eligibility and Qualification Criteria.

No.	Source of financing	Amount (Eq. PKR)
1		
2		
3		

Past Experience / Contracts

Contracts over <i>[insert amount]</i> during the last three years:				
Procuring Agency	Value	Year	Goods/Services Supplied	Country of Destination



Historical Contract Non-Performance, and Pending Litigation and Litigation History

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

IFP No. and title: *[insert IFP number and title]*

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☐ Not debarred due to deviation from commitment of Bid Securing Declaration- ☐ Not debarred due to non-performance			
Year	Non-performed portion of contract	Contract Identification	Total Contract Amount (current value, currency, exchange rate and PKR equivalent)
<i>[insert year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i> Name of Procuring Agency: <i>[insert full name]</i> Address of Procuring Agency: <i>[insert street/city/country]</i> Reason(s) for nonperformance: <i>[indicate main reason(s)]</i>	<i>[insert amount]</i>
Pending Litigation, in accordance with Section III, Qualification Criteria and Requirements			
☐ Pending litigation in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.3 as indicated below.			
Year of dispute	Amount in dispute (currency)	Contract Identification	Total Contract Amount (currency), US\$ PKR Equivalent (exchange rate)

<i>[insert year]</i>	<i>[insert amount]</i>	Contract Identification: [indicate complete contract name, number, and any other identification] Name of Procuring Agency: <i>[insert full name]</i> Address of Procuring Agency: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate "Procuring Agency" or "Supplier"]</i> Status of dispute: <i>[Indicate if it is being treated by the Adjudicator, under Arbitration or being dealt with by the Judiciary]</i>	<i>[insert amount]</i>
☐ No consistent history of court/arbitral award decisions in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.4. ☐ Consistent history of court/arbitral award decisions in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.4 as indicated below.			
Year of award	Outcome as percentage of Net Worth	Contract Identification	Total Contract Amount (currency), PKR Equivalent (exchange rate)
<i>[insert year]</i>	<i>[insert percentage]</i>	Contract Identification: [indicate complete contract name, number, and any other identification] Name of Procuring Agency: <i>[insert full name]</i> Address of Procuring Agency: <i>[insert street/city/country]</i> Matter in dispute: <i>[indicate main issues in dispute]</i> Party who initiated the dispute: <i>[indicate "Procuring Agency" or "Supplier"]</i> Court/ arbitral award decision: <i>[Indicate if the award decision was against the Applicant or any member of a joint venture.]y]</i>	<i>[insert amount]</i>

Current Contract Commitments / Works in Progress

Bidders and each member to a JV should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.

Current Contract Commitments					
No.	Name of Contract	Employer's Contact Address, Tel, Fax	Value of Outstanding Work [Current Eq. PKR]	Estimated Completion Date	Average Monthly Invoicing Over Last Six Months [Eq. PKR/month]
1					
2					
3					
4					
5					

Financial Situation and Performance

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant's Name: [insert full name]

Date: [insert day, month, year]

Joint Venture Member Name: [insert full name]

IFP No. and title: [insert IFP number and title]

Page [insert page number] of [insert total number] pages

1. Financial data

Type of Financial information in (currency)	Historic information for previous [insert number] years, [insert in words] (amount in currency, currency, exchange rate*, PKR equivalent)				
	Year 1	Year 2	Year 3		
Statement of Financial Position (Information from Balance Sheet)					
Total Assets (TA)					
Total Liabilities (TL)					
Total Equity/Net Worth (NW)					
Current Assets (CA)					
Current Liabilities (CL)					
Working Capital (WC)					
Information from Income Statement					
Total Revenue (TR)					
Profits Before Taxes (PBT)					
Cash Flow Information					
Cash Flow from Operating Activities					

* Refer ITA 14 for the exchange rate

3. Financial documents

The Applicant and in case of JV, members of JV shall provide copies of financial statements for *[number]* years pursuant Section III, Qualifications Criteria and Requirements. The financial statements shall:

- (a) reflect the financial situation of the Applicant or in case of JV member, and not an affiliated entity (such as parent company or group member).
 - (b) be independently audited or certified in accordance with local legislation.
 - (c) be complete, including all notes to the financial statements.
 - (d) correspond to accounting periods already completed and audited.
- ☐ Attached are copies of financial statements¹ for the *[number]* years required above; and complying with the requirements.

¹ If the most recent set of financial statements is for a period earlier than 12 months from the date of Application, the reason for this should be justified.

Average Annual Turnover (Annual Sales Value)

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

IFP No. and title: *[insert IFP number and title]*

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Annual Turnover Data			
Year	Amount Currency	Exchange rate* (If applicable)	PKR equivalent
<i>[indicate calendar year]</i>	<i>[insert amount and indicate currency]</i>		
		Average Annual Turnover **	

* Refer ITA for date and source of exchange rate.

** Total PKR equivalent for all years divided by the total number of years. See Section III, Qualification Criteria and Requirements, ITA.