NATIONAL HIGHWAY AUTHORITY
MINISTRY OF COMMUNICATIONS
GOVERNMENT OF PAKISTAN

CONTRACT/BID DOCUMENT
FOR
PROCUREMENT OF

HIGHWAY SAFETY AMP 2016-17

Contract No.  **HS-301-17**

*(Single Stage Two Envelope Bidding Procedure)*

M/s______________________________
## PROCUREMENT FOR HIGHWAY SAFETY WORK ON MOTORWAY M-4

**CONTRACT NO.HS-301-17**

### CHECK LIST

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Description</th>
<th>Attached (Yes/No)</th>
<th>Remarks</th>
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<td>1</td>
<td>PEC License C-5 or above for 2018 (CE01/CE10)</td>
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<tr>
<td>2</td>
<td>Letter of technical Bid (LTB-1/2)</td>
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<tr>
<td>3</td>
<td>Letter of price Bid (LPB-1/2)</td>
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<tr>
<td>4</td>
<td>Proposed work schedule (Appendix-E to Bid)</td>
<td></td>
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<td>5</td>
<td>Method of performing the work (BF-1)</td>
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<tr>
<td>6</td>
<td>Organization chart (BK-1)</td>
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<td>7</td>
<td>Integrity pact (BL-1)</td>
<td></td>
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<tr>
<td>8</td>
<td>Bid security/CDR @ 2% of Estimate Cost No: __________ Dated: _________________</td>
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<td>9</td>
<td>Detail of works executed during last Five (05) years (Letter of award, completion certificate etc) &amp; (02) similar nature of works executed.</td>
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<tr>
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<td>Last Three (03) years Audit reports (FY 2014-15, 2015-16 &amp; 2016-17) and average annual turnover as per NIT</td>
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<td>11</td>
<td>List of Equipment &amp; ownership details on Judicial stamp paper</td>
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<td>12</td>
<td>Personnel's detail on Judicial stamp paper &amp; CV’s of technical staff</td>
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<td>13</td>
<td>No Litigation status on Judicial stamp paper</td>
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<td>Indemnity Bond on Judicial stamp paper (IB-1)</td>
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<tr>
<td>15</td>
<td>All pages of tender document signed/stamped</td>
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Name, Signature & Seal of the Contractor

NHA

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Contract Document for Highway Safety Contract

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## CONTRACT SUMMARY

<table>
<thead>
<tr>
<th>Name of Work</th>
<th>Highway Safety</th>
</tr>
</thead>
<tbody>
<tr>
<td>Route</td>
<td>M-4 (Pindi Bhattian-Faisalabad)</td>
</tr>
<tr>
<td>Location</td>
<td>KM 00+00 to Km 53+00 (N/S Bound)</td>
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<tr>
<td>Bid Security</td>
<td>2% of the Engineer’s Estimate</td>
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<tr>
<td>Date of Opening</td>
<td>27-02-2018</td>
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<tr>
<td>Completion Time</td>
<td>Thirty Days/One Month</td>
</tr>
<tr>
<td>Defect Liability Period</td>
<td>Six (06) Months</td>
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**Detail of CDR:**

<table>
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<tr>
<th>DD # / Pay Order #</th>
<th>___________________________</th>
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<tbody>
<tr>
<td>Date</td>
<td>___________________________</td>
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<tr>
<td>Amount</td>
<td>Rs._______________________</td>
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<tr>
<td>Bank</td>
<td>___________________________</td>
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</tbody>
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Name, Signature and Seal of Operator/Bidder
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SPECIFICATIONS –TECHNICAL PROVISIONS
DRAWINGS
INVITATION
FOR
BIDS
INVITATION FOR BIDS

Date: 
Bid Reference No. HS-301-17

1. The National Highway Authority, Ministry of Communications, Govt of Pakistan, (the “Employer”) is intended to execute the work “Highway Safety AMP 2016-17.

2. The Employer invites sealed bids, under Single Stage-Two Envelope bidding procedure, from eligible firms or persons licensed by the Pakistan Engineering Council in the appropriate category for the Works as mentioned in NIT / Bid Data Sheet.

3. Eligible Bidders may obtain further information from, the Office of General Manager (Maintenance) M-4 & M-4 (Ext.), NHA Faisalabad.

4. A complete set of Documents may be downloaded by an interested bidder from NHA’s website www.nha.gov.pk.

5. All bids (Technical) must be accompanied by a Bid Security (Earnest Money) in the amount of 2% of Engineer’s Estimate in the format of CDR/PO in favor of “National Highway Authority Road Maintenance Account,” or General Manager (Maintenance) M-4 & M-4 (Ext.), and must be delivered to Office of General Manager (Maintenance), M-4 & M-4 (Ext.), NHA Faisalabad. before 1300 hours, 27th February, 2018.
INSTRUCTIONS TO BIDDERS
INSTRUCTIONS TO BIDDERS

(Note: These Instructions to Bidders along with Bidding Data Sheet will not be part of the Contract and will cease to have effect once the contract is signed.)

A. GENERAL

IB.1 Scope of Bid

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

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

IB.2 Source of Funds

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

IB.3 Eligible Bidders

3.1 This Invitation for Bids is open to all bidders meeting the requirements as mentioned in Bidding Data Sheet:

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

IB.4 One Bid per Bidder

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

IB.5 Cost of Bidding

5.1 The bidders shall bear all costs associated with the preparation and submission of their respective bids and the Employer will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
IB.6 Site Visit

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

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

B. BIDDING DOCUMENTS

IB.7 Contents of Bidding Documents

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

1. Instructions to Bidders.
2. Bidding Data Sheet.
7. Form of Bid & Appendices to Bid.
10. Form of Contract Agreement.
11. Forms of Performance Security / Bond
12. Drawings.

7.2 The bidders are expected to examine carefully the contents of all the above documents. Failure to comply with the requirements of bid submission will be at the Bidder’s own risk. Pursuant to Clause IB.26, bids which are not substantially responsive to the requirements of the Bidding Documents will be rejected.
IB.8 Clarification of Bidding Documents

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

IB.9 Amendment of Bidding Documents

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

9.2 Any addendum thus issued shall be part of the Bidding Documents pursuant to IB 7.1 hereof and shall be communicated in writing to all purchasers of the Bidding Documents. Prospective bidders shall acknowledge receipt of each addendum in writing to the Employer.

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

C. PREPARATION OF BIDS

IB.10 Language of Bid

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

IB.11 Documents Comprising the Bid

11.1 The Bid shall comprise two envelopes submitted simultaneously, one called the Technical Bid and the other the Price Bid, containing the documents listed in Bidding Data Sheet under the heading of IB 11.1 A & B respectively. Both envelopes to be enclosed together in an outer single envelope called the Bid. Each bidder shall furnish all the documents as specified in Bidding Data Sheet 11.1 A & B.
11.2 Bids submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all partners. Alternatively, a Letter of Intent to execute a Joint Venture Agreement in the event of a successful bid shall be signed by all partners and submitted with the bid, together with a copy of the proposed agreement. The role to be played by each partner to be specified therein. Bids submitted by a joint venture of two (2) or more firms shall comply with the following requirements:

(a) In case of a successful bid, the Form of JV Agreement shall be signed so as to be legally binding on all partners within 7 days of the receipt of letter of acceptance failing which the contract and the letter of acceptance shall stand void and redundant.

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

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

(d) All partners of the joint venture shall at all times and under all circumstances be liable jointly and severally for the execution of the Contract in accordance with the Contract terms and conditions. This effect shall be included in the authorization mentioned above as well as in the Form of Bid and in the Form of JV Agreement (in case of a successful bid); and

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

11.3 The Bidder shall furnish, as part of the Technical Bid, a Technical Proposal including a statement of work methods, equipment, personnel, schedule and any other information as stipulated Bidding Forms, in sufficient detail to demonstrate the adequacy of the Bidders’ proposal to meet the work requirements and the completion time referred to in Sub-Clause 1.2 hereof.

IB.12 Bid Prices

12.1 Unless stated otherwise in the Bidding Documents, the Contract shall be for the whole of the Works as described in IB 1.1 hereof, based on the unit rates and / or prices submitted by the bidder.
12.2 The bidders shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Items against which no rate or price is entered by a bidder will not be paid for by the Employer when executed and shall be deemed covered by rates and prices for other items in the Bill of Quantities.

12.3 All duties, taxes and other levies payable by the Contractor under the Contract, or for any other cause, as on the date 28 days prior to the deadline for submission of bids shall be included in the rates and prices and the total Bid Price submitted by a bidder. Additional / reduced duties, taxes and levies due to subsequent additions or changes in legislation shall be reimbursed / deducted as per Sub-Clause 70.2 of the General Conditions of Contract Part-I.

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

IB.13 Currencies of Bid and Payment

13.1 The unit rates and the prices shall be quoted by the bidder entirely in Pak rupees. A bidder expecting to incur expenditures in other currencies for inputs to the Works supplied from outside the Employer’s country (referred to as the “Foreign Currency Requirements”) shall indicate the same in Appendix-B to Bid. The proportion of the Bid Price (excluding Provisional Sums) needed by him for the payment of such Foreign Currency Requirements either (i) entirely in the currency of the Bidder’s home country or, (ii) at the bidder’s option, entirely in Pak rupees provided always that a bidder expecting to incur expenditures in a currency or currencies other than those stated in (i) and (ii) above for a portion of the foreign currency requirements, and wishing to be paid accordingly, shall indicate the respective portions in his bid.

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

IB.14 Bid Validity

14.1 Bids shall remain valid for the period stipulated in the Bidding Data Sheet after the Date of Bid Opening specified in Clause IB.23.
14.2 In exceptional circumstances, prior to expiry of the original bid validity period, the Employer may request that the bidders extend the period of validity for a specified additional period which shall in no case be more than the original bid validity period. The request and the responses thereto shall be made in writing. A bidder may refuse the request without forfeiting his Bid Security. A bidder agreeing to the request will not be required or permitted to modify his bid, but will be required to extend the validity of his Bid Security for the period of the extension, and in compliance with Clause IB.15 in all respects.

IB.15 Bid Security

15.1 Each bidder shall furnish, as part of his bid, a Bid Security in the amount stipulated in the Bidding Data Sheet in Pak Rupees or an equivalent amount in a freely convertible currency.

15.2 The Bid Security shall be in the form of Deposit at Call/PO issued by a Scheduled Bank in Pakistan or from a foreign bank duly counter guaranteed by a Scheduled Bank in Pakistan in favor of the Employer valid for a period 28 days beyond the Bid Validity date.

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

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

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

15.6 The Bid Security may be forfeited:

(a) If the bidder withdraws his bid except as provided in IB 22.1;
(b) If the bidder does not accept the correction of his Bid Price pursuant to IB 27.2 hereof; or
(c) In the case of successful bidder, if he fails within the specified time limit to:
   (i) Furnish the required Performance Security;
   (ii) Sign the Contract Agreement, or
IB.16 Alternate Proposals by Bidder

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

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

IB.17 Pre-Bid Meeting

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

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

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

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

IB.18 Format and Signing of Bid

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

18.2 All appendices to Bid are to be properly completed and signed.
18.3 No alteration is to be made in the Letters of Price and Technical Bids nor in the Appendices thereto except in filling up the blanks as directed. If any such alterations be made or if these instructions be not fully complied with, the bid may be rejected.

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

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

18.6 Any amendments such as interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the bid.

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

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

D. SUBMISSION OF BIDS FOR SINGLE STAGE TWO ENVELOPE BIDDING PROCEDURE

IB.19 Sealing and Marking of Bids

19.1 Each bidder shall submit his bid as under:

(a) ORIGINAL and each copy of the Bid shall be separately sealed and put in separate envelopes and marked as such.

(b) The envelopes containing the ORIGINAL and copies will be put in one sealed envelope and addressed / identified as given in IB 19.2 hereof.

(c) The technical bid should comprise of documents listed in IB11.1 (A) & the price bid should comprise of documents listed in IB 11.1 (B) which shall be placed in separate envelopes in accordance with IB 11.1.
19.2 The inner and outer envelopes shall:

(a) Be addressed to the Employer at the address provided in the Bidding Data Sheet;

(b) Bear the name and identification number of the contract as defined in the Bidding Data Sheet; and

(c) Provide a warning not to open before the time and date for bid opening, as specified in the Bidding Data Sheet.

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

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

**IB.20 Deadline for Submission of Bids**

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

(b) Bids with charges payable will not be accepted, nor will arrangements be undertaken to collect the bids from any delivery point other than that specified above. Bidders shall bear all expenses incurred in the preparation and delivery of bids. No claims will be entertained for refund of such expenses.

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

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

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

**IB.21 Late Bids**

21. (a) Any bid received by the Employer after the deadline for submission of bids prescribed in Clause IB.20 will be returned unopened to such bidder.
(b.) Delays in the mail, delays of person in transit, or delivery of a bid to the wrong office shall not be accepted as an excuse for failure to deliver a bid at the proper place and time. It shall be the bidder’s responsibility to determine the manner in which timely delivery of his bid will be accomplished either in person, by messenger or by mail.

**IB.22 Modification, Substitution and Withdrawal of Bids**

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

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

22.3 No bid may be modified by a bidder after the deadline for submission of bids except in accordance with IB 22.1 and 22.2.

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

**E BID OPENING AND EVALUATION FOR SINGLE STAGE TWO ENVELOPE BIDDING PROCEDURE**

**IB. 23 Bid Opening**

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

23.2 First, envelopes marked “WITHDRAWAL” shall be opened and read out and the envelope with the corresponding bid shall not be opened, but returned to the Bidder. No bid withdrawal shall be permitted unless the corresponding Withdrawal Notice contains a valid authorization to request the withdrawal and is read out at bid opening.

23.3 Second, outer envelopes marked “SUBSTITUTION” shall be opened. The inner envelopes containing the Substitution Technical Bid and/or Substitution Price Bid shall be exchanged for the corresponding envelopes being substituted, which are to be returned to the Bidder unopened. Only the Substitution Technical Bid, if any, shall be opened, read out, and recorded. Substitution Price Bid will remain unopened in accordance with IB 23.1. No envelope shall be substituted unless the corresponding
Substitution Notice contains a valid authorization to request the substitution and is read out and recorded at bid opening.

23.4 Next, outer envelopes marked “MODIFICATION” shall be opened. No Technical Bid and/or Price Bid shall be modified unless the corresponding Modification Notice contains a valid authorization to request the modification and is read out and recorded at the opening of Technical Bids. Only the Technical Bids, both Original as well as Modification, are to be opened, read out, and recorded at the opening. Price Bids, both Original and Modification, will remain unopened in accordance with IB 23.1. The Bidders’ representatives who are present shall be requested to sign the record. The omission of a Bidder’s signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be distributed to all Bidders.

23.5 Other envelopes holding the Technical Bids shall be opened one at a time, and the following read out and recorded:

(a) the name of the Bidder;
(b) whether there is a modification or substitution;
(c) the presence of a Bid Security, if required; and
(d) Any other details as the Employer may consider appropriate.

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

Preliminary Examination of Technical Bids

23.6 a) The Employer shall first examine qualification and experience Data as per appendix M and N submitted by the Bidder. The technical proposal examination of those bidders only shall be taken in hand who meet the minimum requirement as mentioned in appendix M and N. Only substantially responsive qualification shall be considered for further evaluation.

b) The Employer shall examine the Technical Bid to confirm that all the documents have been provided, and to determine the completeness of each document submitted.

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

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

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

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

23.11 All envelopes containing Price Bids shall be opened one at a time and the following read out and recorded:

   (a) The name of the Bidder;
   (b) Whether there is a modification or substitution;
   (c) The Bid Prices, including any discounts and alternative offers; and
   (d) Any other details as the Employer may consider appropriate.

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

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

IB.24 Process to be Confidential

24.1 Information relating to the examination, clarification, evaluation and comparison of bid and recommendations for the award of a contract shall not be disclosed to bidders or any other person not officially concerned with such process before the announcement of bid evaluation report which shall be done at least ten 10 days prior to issue of Letter of Acceptance. The announcement to all Bidders will include table(s) comprising read out prices, discounted prices, price adjustments made, final evaluated prices and recommendations against all the bids evaluated. Any effort by a bidder to influence the Employer’s processing of bids or award decisions may result in the rejection of such bidder’s bid. Whereas any bidder feeling aggrieved may lodge a written complaint not later than fifteen (15) days after the announcement of the bid evaluation report. However mere fact of lodging a complaint shall not warrant suspension of the procurement process.
IB.25 Clarification of Bids

25.1 To assist in the examination, evaluation and comparison of bids, the Employer may, at his discretion, ask any bidder for clarification of his bid, including breakdowns of unit rates. The request for clarification and the response shall be in writing but no change in the price or substance of the bid shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the bids in accordance with Clause IB.28.

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

IB.26 Examination of Bids and Determination of Responsiveness

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

26.2 A substantially responsive bid is one which (i) meets the eligibility criteria; (ii) has been properly signed; (iii) is accompanied by the required Bid Security; (iv) Includes signed Integrity Pact where required as per clause IB.35 and (v) conforms to all the terms, conditions and specifications of the Bidding Documents, without material deviation or reservation. A material deviation or reservation is one (i) which affect in any substantial way the scope, quality or performance of the Works; (ii) which limits in any substantial way, inconsistent with the Bidding Documents, the Employer’s rights or the bidder’s obligations under the Contract; (iii) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids. Only substantially responsive bid shall be considered for further evaluation.

26.3 If a bid is not substantially responsive, it may not subsequently be made responsive by correction or withdrawal of the non-conforming material deviation or reservation. The Employer may, however, seek confirmation/ clarification in writing which shall be responded in writing.

IB.27 Correction of Errors

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

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

(b) Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern, unless in the opinion of the Employer there is an obviously gross misplacement of the decimal point in the unit rate, in which case the line item total as quoted will govern and the unit rate will be corrected.
27.2 The amount stated in the Letter of Price Bid will be adjusted by the Employer in accordance with the above procedure for the correction of errors and with the concurrence of the bidder, shall be considered as binding upon the bidder. If the bidder does not accept the corrected Bid Price, his Bid will be rejected, and the Bid Security shall be forfeited in accordance with IB.15.6 (b) hereof.

**IB.28 Evaluation and Comparison of Bids**

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

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

   (a) Making any correction for errors pursuant to Clause IB.27;

   (b) Excluding Provisional Sums and the provision, if any, for contingencies in the Summary Bill of Quantities, but including competitively priced Day work; and

   (c) Making an appropriate adjustment for any other acceptable variation or deviation.

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

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

**F. AWARD OF CONTRACT**

**IB.29 Award**

29.1 Subject to Clauses IB.30 and IB.34, the Employer will award the Contract to the bidder whose bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid Price, provided that such bidder has been determined to be eligible in accordance with the provisions of Clause IB.3 and qualify pursuant to IB 29.2.
29.2 The Employer, at any stage of the bid evaluation, having credible reasons for or prima facie evidence of any defect in bidder’s capacities, may require the bidders to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not:

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

**IB.30 Employer’s Right to accept any Bid and to reject any or all Bids**

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

**IB.31 Notification of Award**

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

31.2 No Negotiation with the bidder having evaluated as lowest responsive or any other bidder shall be permitted.

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

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

**IB.32 Performance Security**

32.1 The successful bidder shall furnish to the Employer a Performance Security in the form and the amount stipulated in the Bidding Data Sheet and the Conditions of Contract within a period of 28 days after the receipt of Letter of Acceptance.
32.2 Failure of the successful bidder to comply with the requirements of IB.32.1 or IB.33 or IB.35 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.

**IB.33 Signing of Contract Agreement**

33.1 Within 14 days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Employer will send the successful bidder the Contract Agreement in the form provided in the Bidding Documents, incorporating all agreements between the parties.

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

**IB.34 General Performance of the Bidders**

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

**IB.35 Integrity Pact**

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

**IB.36 Instructions not Part of Contract**

Bids shall be prepared and submitted in accordance with these Instructions which are provided to assist bidders in preparing their bids, and do not constitute part of the Bid or the Contract Documents.
BIDDING DATA SHEET
The Following specific data for the works to the bid shall compliment, amend or supplement the provisions in the instructions to bidder. Wherever, there is a conflict, the provisions herein shall prevail over these in the instructions to bidders.

1.1 Name and address of the Employer:
*Chairman National Highway Authority HQ, 28 Mauve Area G-9/1, Islamabad.*

1.1 Name of the Project & Summary of the Works:
“Highway Safety Work-“

2.1 Name of the Borrower/Source of Financing/Funding Agency:
*NHA Road Maintenance Account (RMA)*

3.1 Sub-clause 3.1a is deleted in its entirety and replaced with the following;

3.1a. Firms who fulfil all the requirements stated below shall be eligible for bidding:

   i) Firm (Single Entity) registered with Pakistan Engineering Council (PEC) in constructor’s category as mentioned in NIT.

   ii) Firm that has completed at least Two (02) projects of similar size and complexity as a contractor, or management contractor with a minimum value of 2 to 10 Million each during last three (03) years. Experience of firms as sub-contractor against the projects of similar size, nature and complexity will not be considered for evaluation. *(Letter of Award along with signed BOQ & Completion Certificates are must to be provided).*

   iii) Firm that has a minimum **Average Annual Construction Turnover** as mentioned in NIT based on the last three years audit reports. *(Audit Reports are must to be provided).*

   iv) Firm has the capacity to generate minimum **Cash Flow** as mentioned in NIT

   v) The firms shall be considered for the number of bids according to their financial worth. The tender beyond the financial worth i.e (Cash Flow/Turnover) shall be considered as Non-Responsive due to less financial competence.

   vi) Firms with satisfactory Past or present performance with NHA or any other executing agency and that have not been blacklisted/penalize action taken against the firm earlier by any government agency/ authority / organization.
8.1 Time limit for clarification:

*Seven (07) days prior to deadline for submission of Bid.*

10.1 Bid language:

*English*

11.1 (A) The Bidder shall submit with its Technical Bid the following documents:

(a) Letter of Technical Bid
(b) Bid Security (IB.15)
(c) Written confirmation authorizing the signatory of the Bid to commit the Bidder (IB.18.5)
(d) Written Confirmation (Power of Attorney) authorizing the Person to submit the bid.
(e) Pending litigation information
(f) Special Stipulations (as filled by the Employer) (appendix –A)
(g) Proposed Construction Schedule (appendix –E)
(h) Method of Performing the Work (appendix –F)
(i) Availability of Critical Equipment (appendix –G)
(j) Construction Camp and Housing Facilities (appendix –H)
(k) List of Sub-contractors (as required) (appendix –I)
(l) Organization Chart for Supervisory Staff (appendix –K)
(m) Integrity Pact (appendix –L)
(n) Financial Competence and Access to financial Resources (appendix –M)
(o) Past Performance, Current Commitment, Qualification and Experience (appendix –N)

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

(a) Letter of Price Bid
(b) Foreign Currency Requirements (appendix –B)
(c) Price Adjustment under Clause 70 (appendix –C)
(d) Bill of Quantities (appendix –D)
(e) Estimated Progress Payments (appendix –I)
13.1 Bidders to quote entirely in Pak. rupees only.

14.1 Period of Bid Validity:

\[120 \text{ Days}\]

15.1 Amount of Bid Security:

\[2\% \text{ of Engr. Estimate}\]

15.2 The Bid Security shall be, at the option of the bidder, in the form of Deposit at Call/Pay Order issued by a Scheduled Bank of Pakistan in favor of the Employer valid for a period of 148 days from the date of Submission of Bid. The Bid Security must be submitted along with Technical Bid.

16 Alternate Proposals by Bidder:

Not Applicable

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

Shall be informed later if required

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

one original and one copy

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

General Manager (Maintenance) M-4 & M-4 (EXT.), NHA Faisalabad

Ph:041-8459604, Fax:041-8459602

19.2(b) Name and Number of the Contract:

Contract No. HS-301-17

20.1(a) Deadline for submission of bids:

27th February, 2018 up to 1300 Hours.
23.1 Venue, time, and date of Bid opening:

*NHA Complex, GM (Maint) M-4 office Faisalabad, at 1400 Hours on 27th February, 2018*

32.1 Standard form and amount of Performance Security acceptable to the Employer shall be in either of the following forms:

1. A bank guarantee of an amount equivalent to 10% of the Contract price issued by scheduled Bank of Pakistan.

2. A Performance Guarantee

   a. **In case of Bid** (i) above (ii) at par & (iii) up to minus 15% below to the Engineer’s Estimate. The bidders have to submit Insurance Bond of (NHA approved panel insurance companies) amounting to 30% of bid value

   b. In case of Bid more than below (-) 15% to the Engineer Estimate. The bidders have to submit the Additional Bank Guarantee or (Pay Order/DD) for the amount calculated from percentage below 15% to the Engineer’s Estimate.
Letters of Technical Bid/ Price Bid,  
And  
Appendices to Bid
Letter of Technical Bid

Bid Reference No. HS-301-17

To: .................................................................................................................................

We, the undersigned, declare that:

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

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

   “Highway Safety Work-

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

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

(d) We are not participating, as a Bidder or as a subcontractor, in more than one bid in this bidding process, other than alternative offers submitted in accordance with IB16 (as applicable).
(e) We agree to permit Employer or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors. This permission is extended for verification of any information provided in our Technical Bid which comprises all documents enclosed herewith in accordance with IB.11.1 of the Bidding Data Sheet.

Name ...........................................................................................................................................................................
In the capacity of ...........................................................................................................................................................
Signed ............................................................................................................................................................................
....................................................................................................................................................................................
Duly authorized to sign the Bid for and on behalf of ..........................................................
Date ................................................................................................................................................................................
Address ............................................................................................................................................................................
Letter of Price Bid

Bid Reference No. HS-301-17

To: ..............................................................................................................................

We, the undersigned, declare that:

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

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

   Rupees
   ________________________________________________________________
   ________________________________________________________________

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

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

(e) If our Bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents;
(f) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed and we do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other bidder for the Works.

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

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

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

Name .............................................................................................................................
In the capacity of ...........................................................................................................
Signed ............................................................................................................................
.................................................................................................................................
Duly authorized to sign the Bid for and on behalf of ..............................................
Date .............................................................................................................................
Address.......................................................................................................................
# SPECIAL STIPULATIONS

## Clause

### Conditions of Contract

<table>
<thead>
<tr>
<th>Clause</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Engineer’s Authority to issue Variation in emergency</td>
</tr>
<tr>
<td>2.</td>
<td>Law applicable</td>
</tr>
<tr>
<td>3.</td>
<td>Amount of Performance Security</td>
</tr>
<tr>
<td></td>
<td>a. The bidder have to submit Insurance Bond (NHA Approved Panel) amounting to 30% of Bid Value or Bank Guarantee/Pay order equivalent to 10% of Bid Value from scheduled Bank of Pakistan.</td>
</tr>
<tr>
<td></td>
<td>b. In case of Bid more than below (-) 15% to the Engineers Estimate The bidders have to submit additional bank guarantee or (Pay order / DD) for the amount calculated from percentage below 15% to the Engineers Estimate.</td>
</tr>
<tr>
<td>4.</td>
<td>Time for Furnishing Program</td>
</tr>
<tr>
<td>5.</td>
<td>Minimum amount of Third Party Insurance</td>
</tr>
<tr>
<td>6.</td>
<td>Time for Commencement</td>
</tr>
<tr>
<td>7.</td>
<td>Time for Completion</td>
</tr>
<tr>
<td>8.</td>
<td>a) Amount of Liquidated Damages</td>
</tr>
<tr>
<td>10.</td>
<td>Percentage of Retention Money</td>
</tr>
</tbody>
</table>
FOREIGN CURRENCY REQUIREMENTS
(If required and only in case of International Bidding)

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

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

3. Table of Exchange Rates

<table>
<thead>
<tr>
<th>Unit of Currency</th>
<th>Equivalent in Pak. Rupees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australian Dollar</td>
<td>________________________</td>
</tr>
<tr>
<td>Euro</td>
<td>________________________</td>
</tr>
<tr>
<td>Japanese Yen</td>
<td>________________________</td>
</tr>
<tr>
<td>U.K. Pound</td>
<td>________________________</td>
</tr>
<tr>
<td>U.S. Dollars</td>
<td>________________________</td>
</tr>
</tbody>
</table>

NA
### SCHEDULE OF SPECIFIED MATERIALS
**FOR THE PURPOSE OF CLAUSE 70-COC PART-II**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description of Specified Material</th>
<th>Source of Index</th>
<th>Unit</th>
<th>Value of Factor “C”</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Non Adjustable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>Reinforcement (Grade-60), 12mm Dia Rebars</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Bitumen Grade 60-70</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Ordinary Portland Cement (in bulk)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Labor Unskilled / Skilled</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>High Speed Diesel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**

1. The base prices of Specified Materials shall be as of actually prevailing on the date falling on 28 days prior to latest date of submission of Bids and shall be obtained from the respective sources and to be verified as notified by the Engineer after consent of the Employer.

2. The base/current price are meant to be ex-factory and inclusive of all kinds of taxes and duties that can be levied at source.

3. Adjustment of increase/decrease shall only be admissible for the material listed above.

4. Value of work done for escalation purpose shall be value of permanent works (Excluding Bill-07 Provisional Sums).

5. All amount in Pak Rupees only
BILL OF QUANTITIES

A. Preamble

1. The Bill of Quantities shall be read in conjunction with the Conditions of Contract, Specifications and Drawings.

2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work executed and measured by the Contractor and verified by the Engineer and valued at the rates and prices entered in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Engineer may fix as per the Contract.

3. The rates and prices entered in the priced Bill of Quantities shall, except insofar as it is otherwise provided under the Contract include all costs of Contractor’s plant, labour, supervision, materials, execution, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out or implied in the Contract. Furthermore all duties, taxes and other levies payable by the Contractor under the Contract, or for any other cause, as on the date 28 days prior to deadline for submission of Bids, shall be included in the rates and prices and the total Bid Price submitted by the Bidder.

4. A rate or price shall be entered against each item in the priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the Contractor will have failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.

5. The whole cost of complying with the provisions of the Contract shall be included in the items provided in the priced Bill of Quantities, and where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the Works.

6. General directions and description of work and materials are not necessarily repeated nor summarised in the Bill of Quantities. References to the relevant sections of the Bidding Documents shall be made before entering prices against each item in the priced Bill of Quantities.

7. Provisional sums included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Engineer in accordance with Sub-Clause 58.2 of Part I, General Conditions of Contract.
### BILL OF QUANTITIES

**Contract No. HS-301-17**

*Location: 00+00 to 53+00 (N/S Bound) on M-4 (Pindi Bhattian-Faisalabad)*

<table>
<thead>
<tr>
<th>Item No</th>
<th>Description of Item</th>
<th>Unit</th>
<th>Qty</th>
<th>Rate (Rs)</th>
<th>Amount (Rs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>601di</td>
<td>RCC New Jersey Barrier (Precast) for Median Double Face</td>
<td>M</td>
<td>28.00</td>
<td>117,750.45</td>
<td>329,012.60</td>
</tr>
<tr>
<td>NS-1</td>
<td>Painting of New Jersey Barrier, Curb Stone 03 Coast with Synthetic Enamel Paint ICI/Berger complete in all respect</td>
<td>SM</td>
<td>6448.89</td>
<td>253.00</td>
<td>1,631,568.66</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>1,960,581/-</strong></td>
</tr>
</tbody>
</table>

___%age Above (+) OR ___%age Below(-): (Rs.)

Sub Total: (Rs.)

Add 5% Punjab Sale Tax on Construction Services (PST) on Sub Total: (Rs.)

Total Bid Cost including PST: (Rs.)

Amount in words _____________________________________________________________

Contractor’s Sign ____________________________ (Seal & Signature)
PROPOSED CONSTRUCTION SCHEDULE

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Time for Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Whole Works</td>
<td>_______________ days</td>
</tr>
<tr>
<td>b) Part-A</td>
<td>_______________ days (If applicable)</td>
</tr>
<tr>
<td>c) Part-B</td>
<td>_______________ days (If applicable)</td>
</tr>
<tr>
<td>d) __________</td>
<td>_______________ days</td>
</tr>
<tr>
<td>e) __________</td>
<td>_______________ days</td>
</tr>
</tbody>
</table>
LIST OF MAJOR EQUIPMENT – RELATED ITEMS

The Bidder will provide a list of all major equipment and related items, on judicial Stamp Paper that these equipments shall be made available on Site. In case of failure to do so, the Work shall be terminated and work shall be carried out at the risk & cost of the contractor.

**LIST OF MAJOR EQUIPMENT TO BE MADE AVAILABLE AT SITE**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>Tractor with Trolley:</td>
<td>at least one (01)</td>
</tr>
<tr>
<td>b)</td>
<td>Tractor with Water Bowser</td>
<td>at least one (01)</td>
</tr>
<tr>
<td>c)</td>
<td>Generator 10 KVA</td>
<td>at least one (01)</td>
</tr>
<tr>
<td>d)</td>
<td>Auto Mobile Crane/lifter</td>
<td>at least one (01)</td>
</tr>
<tr>
<td>e)</td>
<td>Dumper Truck</td>
<td>at least one (01)</td>
</tr>
<tr>
<td>f)</td>
<td>Concrete Miser</td>
<td>at least one (01)</td>
</tr>
</tbody>
</table>
CONSTRUCTION CAMP AND HOUSING FACILITIES

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

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

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

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

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

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

4. Construction Equipment Assembly and Preparation (detailed plans for carrying out this activity).
5. Other Items Proposed (Security services, etc.). The Contractor should mention here what are his proposed environmental measures for the project as per EPA rules like treatment of wastewater and water quality etc. The Contractor shall submit a detailed EMP (Environmental Management Plan) to show how materials are removed from site and disposed off at a safe location, prevention of the contamination of ground and surface water in neighboring areas etc. along with remedial measures for adoption.

6. Detail of testing laboratories and equipment etc.
LIST OF SUBCONTRACTORS

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

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

<table>
<thead>
<tr>
<th>Part of Works (Give Details)</th>
<th>Subcontractor Complete Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>
ESTIMATED PROGRESS PAYMENTS

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

<table>
<thead>
<tr>
<th>Quarter/ Year/ Period</th>
<th>Amounts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(1,000 Rs.)</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>1st Month</td>
<td></td>
</tr>
<tr>
<td>2nd Month</td>
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<tr>
<td>3rd Month</td>
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<tr>
<td>4th Month</td>
<td></td>
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<tr>
<td>5th Month</td>
<td></td>
</tr>
<tr>
<td>6th Month</td>
<td></td>
</tr>
<tr>
<td>Bid Price</td>
<td></td>
</tr>
</tbody>
</table>
ORGANIZATION CHART
FOR THE
SUPERVISORY STAFF AND LABOUR
BL-1
Appendix-L to Bid

(INTEGRITY PACT)
DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC.
PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS

Contract No._______________________  Dated _____________________
Contract Value: ____________________

Contract Title: __________________________________________________________

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

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

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

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

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

Name of Employer: .......................... Name of Contractor: ..........................
Signature: .......................... Signature: ..........................
[Seal] [Seal]

BM-1
FINANCIAL COMPETENCE AND ACCESS TO FINANCIAL RESOURCES

The financial position of the bidder shall be checked as per following details:

1. SOUNDNESS AND ACCESS TO FINANCIAL RESOURCES:

“The Bidder must demonstrate access to, or availability of, financial resources such as liquid assets, unencumbered real assets, lines of credits, and other financial means, other than any contractual advance payments, to meet the financial requirements of the contract in the amount of his bid. As a minimum the Bidder must show that his resources, in term of at least his latest year’s working capital and line of credits, will be adequate to cover an amount equivalent to his bid price and current work commitments i.e.

[Working capital + Project specific lines of credit*– current contract commitments] ≥ Rs. Million as mentioned in NIT

Working capital is the difference between current assets and current liabilities and measures the firm’s ability to generate cash in the short term.”

*Any line of credit indicated for this (tendered) project needs to have been certified by the Bank and the said certificate is enclosed with this Appendix. Only that Credit line Certificate shall be considered which shall be issued within Six (06) months of the date of submission of Bid.

2. AVERAGE ANNUAL CONSTRUCTION TURNOVER

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Bidders’ to list their certified yearly turnover for last 3 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum average annual construction turnover of Pak Rupees as mentioned in NIT Calculated as total certified payments received for contracts in progress or completed, within the last 3 years. (Audit Reports are must to be provided).</td>
<td></td>
</tr>
</tbody>
</table>

Note: At the stage of financial evaluation, the consideration of award of more than one work to a firm will be subjected to its financial capacity.
PAST PERFORMANCE, CURRENT COMMITMENT, QUALIFICATION AND EXPERIENCE

1) General Construction Experience

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Bidder to Provide details</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Experience under construction contracts in the role of contractor, or management contractor for at least the last 3 years prior to the bid submission deadline.</td>
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</tbody>
</table>

2) Contracts of Similar Size and Nature

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Bidder to provide specific details</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Firm that has completed at least Two (02) projects of similar size and complexity as a contractor or management contractor with a minimum value as mentioned in NIT that has been successfully or is substantially completed and that are similar to the proposed works. The similarity shall be based on the physical size, complexity, methods, technology or other characteristics as indicated in these Bidding Documents. <em>(Letter of Award &amp; Completion Certificates are must to be provided).</em></td>
<td></td>
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</tbody>
</table>
3) Personnel

List of Technical Staff be provided on Judicial Stamp Paper that following staff will be available for execution of the project.

a) **Project Manager (1 No.)**
   B.Sc. (Civil Engg.) having minimum 5 years overall experience

b) **Site Engineer (1 No.)**
   DAE (Civil) having minimum 03 years overall experience.

c) **Quantity Surveyor (1 No.)**
   DAE (Civil) having minimum 03 years working experience
4) Data regarding past performance and present commitment of the Bidders:

<table>
<thead>
<tr>
<th>Sr No.</th>
<th>Name of ongoing project(s)</th>
<th>Name of Employer</th>
<th>Date of Start</th>
<th>Date of Completion</th>
<th>Cost of the Project</th>
<th>Average Monthly IPC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
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<td>6.</td>
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<tr>
<td>Total</td>
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</tbody>
</table>
FORMS

BID SECURITY
PERFORMANCE SECURITY
CONTRACT AGREEMENT
MOBILIZATION ADVANCE GUARANTEE/BOND
AND
INDEMNITY BOND FOR SECURED ADVANCE
BID SECURITY
(Bank Guarantee)

Security Executed on ____________________________ (Date)

Name of Surety (Bank) with Address: ____________________________________________

Name of Principal (Bidder) with Address _________________________________________

Penal Sum of Security Rupees ____________________(Rs. ________________________) Bid Reference No. ____________________________________________________________

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bid and at the request of the said Principal (Bidder) we, the Surety above named, are held and firmly bound unto ______________________________________________________ (hereinafter called the 'Employer') in the sum stated above for the payment of which sum well and truly to be made, 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 Bidder has submitted the accompanying Bid dated ______ for Bid No. _______ for_______(Particulars of Bid) to the said Employer; and

WHEREAS, the Employer has required as a condition for considering said Bid that the Bidder furnishes a Bid Security in the above said sum from a Scheduled Bank in Pakistan or from a foreign bank duly counter-guaranteed by a Scheduled Bank in Pakistan, to the Employer, conditioned as under:

(1) that the Bid Security shall remain in force up to and including the date 28 days after the deadline for validity of bids as stated in the Instructions to Bidders or as it may be extended by the Employer, notice of which extension(s) to the Surety is hereby waived;

(2) that the Bid Security of unsuccessful Bidders will be returned by the Employer after expiry of its validity or upon signing of the Contract Agreement; and

(3) that in the event of failure of the successful Bidder to execute the proposed Contract Agreement for such work and furnish the required Performance Security, the entire said sum be paid immediately to the said Employer pursuant to Clause 15.6 of the Instruction to Bidders for the successful Bidder's failure to perform.

NOW THEREFORE, if the successful Bidder shall, within the period specified therefore, on the prescribed form presented to him for signature enter into a formal Contract with the said Employer in accordance with his Bid as accepted and furnish within twenty eight (28) days of his being requested to do so, a Performance Security with good and sufficient surety, as may be required, upon the form prescribed by the said Employer for the faithful performance and proper fulfilment of the said Contract or in the event of non-withdrawal of the said Bid within the time specified for its validity then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.
PROVIDED THAT the Surety shall forthwith pay the Employer, the said sum upon first written demand of the Employer (without cavil or argument) and without requiring the Employer to prove or to show grounds or reasons for such demand, notice of which shall be sent by the Employer by registered post duly addressed to the Surety at its address given above.

PROVIDED ALSO THAT the Employer shall be the sole and final judge for deciding whether the Principal (Bidder) has duly performed his obligations to sign the Contract Agreement and to furnish the requisite Performance Security within the time stated above, or has defaulted in fulfilling said requirements and the Surety shall pay without objection the said sum upon demand from the Employer forthwith and without any reference to the Principal (Bidder) or any other person.

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

SURETY (Bank)

WITNESS:  

Signature ____________________  

Name _______________________  

Title _______________________  

Corporate Secretary (Seal)  

Corporate Guarantor (Seal)  

1. ___________________________  

______________________________  

Name, Title & Address  

2. ___________________________  

______________________________  

Name, Title & Address
FORM OF PERFORMANCE SECURITY
(Bank Guarantee)

Guarantee No.____________________
Executed on _____________________
Expiry date _____________________

[Letter by the Guarantor to the Employer]

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

Name of Principal (Contractor) with address:____________________________________
________________________________________________________________________

Penal Sum of Security (express in words and figures)_____________________________
________________________________________________________________________

Letter of Acceptance No. ________________________________Dated ______________

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

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

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

Our total liability under this Guarantee is limited to the sum stated above and it is a condition
of any liability attaching to us under this Guarantee that the claim for payment in writing
shall be received by us within the validity period of this Guarantee, failing which we shall be
discharged of our liability, if any, under this Guarantee.
We, __________________________________ (the Guarantor), waiving all objections and defences under the Contract, do hereby irrevocably and independently guarantee to pay to the Employer without delay upon the Employer's first written demand without cavil or arguments and without requiring the Employer to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the Employer's written declaration that the Principal has refused or failed to perform the obligations under the Contract which payment will be effected by the Guarantor to Employer's designated Bank & Account Number.

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

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

Witness:  
1. ______________  
    Name ______________  
    Corporate Secretary (Seal)  

Guarantor (Bank)  
Signature ______________  
Name ______________  
Title ______________

2. ______________  
    Name, Title & Address  
    Corporate Guarantor (Seal)
FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the “Agreement”) made on the ___ day of _______________ between National Highway Authority, 28 Mauve Area G-9/1, Islamabad. (hereinafter called the “Employer” which expression shall include the successors, legal representatives and permitted assignees) of the one part and ______________________ (hereinafter called the “Contractor”) of the other part.

WHEREAS bids have been received by the Employer for work _______________________________ and bid of the Contractor for the said work amounting to “Rupees __________________________ only” (Rs ____________) has been accepted by the Employer vide letter No. ______________ dated ______________ for the execution and completion of such Works in all respects and the remedying of any defects therein.

NOW this Agreement witnessed as follows:

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

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

   (a) The Contract Agreement;
   (b) The Letter of Acceptance;
   (c) The completed Form of Bid;
   (d) Addendum/Corrigendum to Bid (if any);
   (e) Special Stipulations (Appendix-A to Bid);
   (f) The Particular Conditions of Contract – Part II;
   (g) The General Conditions – Part I;
   (h) The priced Bill of Quantities (Appendix-D to Bid);
   (i) The completed Appendices to Bid (B, C, E to L);
   (j) Special Provisions;
   (k) Supplementary Specifications;
   (l) Particular Specifications;
   (m) The Drawings;
   (n) NHA General Specifications and its addendum;
   (l) Performance Security

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.

5. The work shall commence within Fourteen (14) days of issuance of Letter of Commencement and the Contractor shall fully complete the work within _______ Days. The Defect Liability Period for the said work is _______ Days.

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.

__________________________  ______________________________
For and on behalf of Contractor For and on behalf of National Highway Authority

Signed, Sealed and Delivered in the presence of:

Witness: By__________________________  By__________________________
MOBILIZATION ADVANCE GUARANTEE

Guarantee No._________________________ Date ______________________________

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

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

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

AND WHEREAS, ________________________________________________________
(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, of which the Employer shall be the sole and final judge, on
the part of the Contractor, shall be given by the Employer to the Guarantor, and on such first
written demand, payment shall be made by the Guarantor of all sums then due under this
Guarantee without any reference to the Contractor and without any objection.

This Guarantee shall remain in force until the advance is fully adjusted against payments
from the Interim Payment Certificates of the Contractor or until
_______________________________________whichever is earlie
(Date)

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

This Guarantee shall remain valid up to the aforesaid date and shall be null and void after the
aforesaid date or earlier if the advance made to the Contractor is fully adjusted against
payments from Interim Payment Certificates of the Contractor provided that the Guarantor
agrees that the aforesaid period of validity shall be deemed to be extended if on the above
mentioned date the advance payment is not fully adjusted.
## GUARANTOR

1. Signature __________________
2. Name ____________________
3. Title ____________________

## WITNESS

1. ______________________
   Corporate Secretary (Seal)

2. ________________________
   (Name Title & Address)    Corporate Guarantor(Seal)
INDEMNITY BOND
FOR SECURED ADVANCE
AGAINST MATERIALS BROUGHT AT SITE

(ON RS.40 NONJUDICIAL STAMP PAPER)

This Deed of Indemnity is issued by M/s. ____________________________________________
__________________________________________________ (Name of the Contractor) in favour
of M/s. __________________________________________________ (Name of the Employer).

Whereas ________________________________ (hereinafter called the Employer) has paid
the Secured Advance against the cost of material through any Bank or like agency by any
other method by virtue of the terms of the contract existing between the parties. The details of
the material and their price for which secured advance is being sought for the period
_________________________________________ till consumption of the material is as
under:-

1. __________________ at Rs.__________________ per __________ = Rs.
2. __________________ at Rs.__________________ per __________ = Rs.
3. __________________ at Rs.__________________ per __________ = Rs.
4. __________________ at Rs.__________________ per __________ = Rs.

THEREFORE THIS DEED OF INDEMNITY WITNESSES AS FOLLOWS:
I/We ______________________________________ of M/s. __________________________
do hereby indemnify M/s. __________________________ for all losses due to thefts, arson, pilferage, loss
due to flood and inundation, deterioration, theft, depreciation etc. through any act of Man
or God or slump in the Market of any or all the materials financed or paid by the Employer
on our request for financing payment against material.
I/We ______________________________________ indemnify ________________________ against
any or all claims, actions damages arising out of or resulting to the said
material.
I/We ______________________________________ further declare that we will faithfully abide by the
above declaration and solemnly affirm that we will not remove, sell, pilfer any of the
materials against which M/s. __________ has paid us such a secured advance and will not
pledge the same with any Bank, Finance Corporation, Firm, Company, Individual or the like
agency or create any change whereon in any from what so ever.
I/We ______________________________________ do hereby also declare that in the event of
my/our infringement of the declaration made above ___________________ will be entitled to
forfeit all such material and also proceed against me/us according to the relevant clause
pertaining to breach of contract and further invoke the power or seek any remedies secured of
________________ under the contract Agreement signed with us or otherwise available
under law.

Place__________________    Dated _____________________________
Contractor _________________________
CONDITIONS OF CONTRACT
FOR WORKS OF CIVIL ENGINEERING CONSTRUCTION
PART I GENERAL CONDITIONS
WITH FORMS OF TENDER AND AGREEMENT

FOURTH EDITION 1987
Reprinted 1988 with editorial amendments
Reprinted in 1992 with further amendments

“Copies of the FIDIC Conditions of Contract can be obtained from:
FIDIC Secretariat
P.O. Box 86
1000 Lausanne 12
Switzerland
e-mail: fidic.pub@fidic.org – FIDIC.org/book
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<td></td>
</tr>
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<td>Engineer’s Representative</td>
<td></td>
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<td>2.7</td>
<td>Engineer Not Liable</td>
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<tr>
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<td>Approval of Sub-Contractors</td>
<td></td>
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<td>Language(s) and Law</td>
<td></td>
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<td>Priority of Contract Documents</td>
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PART II - PARTICULAR CONDITIONS OF CONTRACT

1.1 Definitions

(a) (i) The Employer is the Chairman National Highway Authority HQ, 28 Mauve Area G-9/1, Islamabad.

(a) (iv) The Engineer is the concerned Member (Zone), or any other competent person appointed by the Employer, and notified to the Contractor, to act in replacement of the Engineer. Provided always that except in cases of professional misconduct, the outgoing Engineers is to formulate his certifications/recommendations in relation to all outstanding matters, disputes and claims relating to the execution of the Works during his tenure.

The following paragraph is added:

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

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

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

The following paragraph is added:

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

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

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

2.1 Engineer's Duties and Authority

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

The Engineer shall obtain the specific approval of the Employer before carrying out his duties in accordance with the following Clauses as per provisions of NHA code 2005:

(i) Consent to the sub-letting of any part of the Works under Sub-Clause 4.1 “Subcontracting”.

(ii) Certify additional cost determined under Sub-Clause 12.2 “Not Foreseeable
Physical Obstructions or Conditions”.


(iv) Any action under Clause 40 “Suspension”.

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

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


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

a) in an emergency* situation, as stated herebelow, or

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

(ix) Fixing rates or prices under Clause 52.

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

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

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


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

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

The following paragraph is added:

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

The following Sub-Clauses 2.7 and 2.8 are added:

2.7 **Engineer Not Liable**

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

2.8 **Replacement of the Engineer**

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

5.1 **Language(s) and Law**

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

5.2 **Priority of Contract Documents**

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

(a) The Contract Agreement;
(b) The Letter of Acceptance;
(c) The completed Form of Bid;
(d) Addendum/Corrigendum to Bid (if any);
(e) Special Stipulations (Appendix-A to Bid);
(f) The Particular Conditions of Contract – Part II;
(g) The General Conditions – Part I;
(h) The priced Bill of Quantities (Appendix-D to Bid);
(i) The completed Appendices to Bid (B, C, E to L);
Special Provisions;
Supplementary Specifications;
Particular Specifications;
The Drawings;
NHA General Specifications and its addendum;
Performance Security

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

The following Sub-Clauses 6.6 and 6.7 are added:

6.6 Shop Drawings

The Contractor shall submit to the Engineer for review 2 copies of all shop and erection drawings applicable to this Contract as per provision of relevant Sub-Clause of the Contract.

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

6.7 As-Built Drawings

At the completion of the Works under the Contract, the Contractor shall furnish to the Engineer 3 copies and one reproducible of all drawings amended to conform with the Works as built. The price of such Drawings shall be deemed to be included in the Contract Price.

10.1 Performance Security

The text is deleted and substituted with the following:

The Contractor shall provide Performance Security to the Employer in the prescribed form. The said Security shall be furnished or caused to be furnished by the Contractor within 28 days after the receipt of the Letter of Acceptance. The Performance Security shall be of an amount equal to 10% of the Contract Price stated in the Letter of Acceptance in the form of bank guarantee from any Scheduled Bank in Pakistan or (b) bank guarantee from a bank located outside Pakistan duly counter-guaranteed by a Scheduled Bank in Pakistan OR 10% of the Contract Price stated in the Letter of Acceptance in the form of performance Guarantee issued by an insurance company having atleast AA rating from PACRA/JCR. The cost of complying with requirements of this Sub-Clause shall be borne by the Contractor.

The following Sub-Clause10.4 is added:
10.4 Performance Security Binding on Variations and Changes

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

14.1 Programme to be Submitted

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

i) a Bar Chart identifying the critical activities.

Only those items or works taken from the Bills of Quantities and specified and contained in each Interim and the Final Work Schedule issued by the Engineer during the Contract Period, will be required to be done by the Contractor for subsequent measurements and payments. No Works additional to the Scheduled Works as issued by the Engineer will be paid for, even if they are included in the total quantities contained within the Bill of Quantities.

14.3 Cash Flow Estimate to be Submitted

The detailed Cash Flow Estimate shall be submitted within 42 days from the date of receipt of Letter of Acceptance

The following Sub-Clause 14.5 is added:

14.5 Detailed Programme and Monthly Progress Report

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

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

b) During the period of the Contract, the Contractor shall submit to the Engineer not later than the 8th day of the following month, 03 copies each of Monthly Progress Reports covering:

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

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

The following Sub-Clauses 15.2 and 15.3 are added:

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

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

15.3 **Contractor’s Representative**

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

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

The following Sub-Clauses 16.3 and 16.4 are added:

16.3 **Language Ability of Superintending Staff of Contractor**

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

16.4 **Employment of Local Personnel**

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

The following Sub-Clauses 19.3 and 19.4 are added:

19.3 **Safety Precautions**

In order to provide for the safety, 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 authorise or direct and the Contractor shall take or cause to be taken such further measures and comply with such further requirements as the Engineer may determine to be reasonably necessary for such purpose.

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

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

20.4 Employer’s Risks

The Employer’s risks are:

Delete the text and substitute with the following:

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

(i) war and hostilities (whether war be declared or not), invasion, act of foreign enemies,
(ii) rebellion, revolution, insurrection, or military or usurped power, or civil war,
(iii) ionizing radiations, or contamination by radioactivity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radioactive toxic explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof,
(iv) pressure waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds,
(v) riot, commotion or disorder, unless solely restricted to the employees of the Contractor or of his Subcontractors and arising from the conduct of the Works;

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

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

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

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

25.5 Insurance Company

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

Costs of such insurances shall be borne by the Contractor.

The following Sub-Clause 31.3 is added:

31.3 Co-operation with other Contractors

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

The following Sub-Clauses 34.2 to 34.12 are added:

34.2 Rates of Wages and Conditions of Labour

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

34.3 Employment of Persons in the Service of Others

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

34.4 Housing for Labour

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

34.5 Health and Safety

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

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

34.7 Supply of Water

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

34.8 Alcoholic Liquor or Drugs

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

34.9 Arms and Ammunition

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

34.10 Festivals and Religious Customs

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

34.11 Disorderly Conduct

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

The following Sub-Clauses 35.2 and 35.3 are added:

35.2 Records of Safety and Health

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

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

The following Sub-Clause 36.6 is added:

36.6 Use of Pakistani Materials and Services

The Contractor shall, so far as may be consistent with the Contract, make the maximum use of materials, supplies, plant and equipment indigenous to or produced or fabricated in Pakistan and services, available in Pakistan provided such materials, supplies, plant, equipment and services shall be of required standard.

41.1 Commencement of Works

The text is deleted and substituted with the following:

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

48.2 Taking Over of Sections or Parts

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

51.2 Instructions for Variations

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

52.1 Valuation of Variations

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

53.4 Failure to Comply

This Sub-Clause is deleted in its entirety.

54.5 Conditions of Hire of Contractor’s Equipment

The following paragraph is added:

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

The following Sub-Clauses 59.4 & 59.5 are added:
59  Nominated Subcontractors
This clause is deleted in its entirety.

60.1  Monthly Statements
In the first line after the word “shall”, the following is added:

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

60.3  Payment of Retention Money
(b) The text is deleted and substituted with the following.

Upon the expiration of the Defects Liability Period and the clearance from audit for the Works, the other half of the Retention Money shall be certified by the Engineer for payment to the Contractor. Provided that, in the event of different Defects Liability Periods having become applicable to different Sections or part of the Permanent Works pursuant to Clause 48, the expression "expiration of the Defects Liability Period" shall, for the purposes of this Sub-Clause, be deemed to mean the expiration of the latest of such periods. Provided also that if at such time, there shall remain to be executed by the Contractor any work instructed, pursuant to Clause 49 and 50, in respect of the Works, the Engineer shall be entitled to withhold certification until completion of such work of so much of the balance of the Retention Money as shall, in the opinion of the Engineer, represent the cost of the work remaining to be executed.

60.10  Time for Payment
The text is deleted and substituted with the following:

The amount due to the Contractor under any Interim Payment Certificate issued by the Engineer pursuant to this Clause, or to any other terms of the Contract, shall, subject to Clause 47, be paid by the Employer to the Contractor within 42 days after such Interim Payment Certificate has been jointly verified by Employer and Contractor, or, in the case of the Final Certificate referred to in Sub Clause 60.8, within 60 days after such Final Payment Certificate has been jointly verified by Employer and Contractor.

60.11  Financial Assistance to Contractor
Provision is made in the Contract for Contractor to obtain an interest free mobilization advance and Employer will proceed as per following method:

(a) An interest-free Mobilization Advance @ 10 % of the Contract Price stated in the Letter of Acceptance less provisional sums (if any) shall be paid by the Employer to the Contractor in two equal parts upon submission by the Contractor of an irrevocable without recourse Mobilization Advance Guarantee for the full amount of the Advance in the specified form from a Scheduled Bank in Pakistan acceptable to the Employer:
(1) First part within 14 days after signing of the Contract Agreement or date of receipt of Engineer’s Notice to Commence, whichever is earlier; and

(2) Second part within 42 days from the date of payment of the first part, subject to the satisfaction of the Engineer as to the state of mobilization of the Contractor.

(b) This Advance shall be recovered in equal installments; first installment at the expiry of 1st month after the date of payment of first part of Advance and the last installment one month before the date of completion of the Works as per Clause 43 hereof.

63.1 Default of Contractor

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

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

65.2 Special Risks

The text is deleted and substituted with the following:

The Special Risks are the risks defined under Sub-Clause 20.4 sub paragraphs (a) (i) to (a) (v).

67.3 Arbitration

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

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

The following paragraph is added:

The place of arbitration shall be Islamabad Pakistan.

68.1 Notice to Contractor

The following paragraph is added:

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

68.2 Notice to Employer and Engineer

For the purposes of this Sub-Clause, the respective address are:
a) The Employer:

_NHA HQ, 28 Mauve Area, G-9/1 Islamabad._

b) The Engineer:
General Manager (Maintenance) concerned

70.1 Increase or Decrease of Cost

Sub-Clause 70.1 is deleted in its entirety, and substituted with the following:

The amounts payable to the Contractor, pursuant to Sub-Clause 60.1, shall be adjusted in respect of the rise or fall in the cost of labor, materials and other inputs to the Works, by applying to such amount the formula prescribed in this Sub-Clause.

(a) Other Changes in Cost

To the extent that full compensation for any rise or fall in costs to the Contractor is not covered by the provisions of this or other Clauses in the Contract, the unit rates and prices included in the Contract shall be deemed to include amounts to cover the contingency due to other rise or fall of costs.

(b) Adjustment Formula

The adjustment to the monthly statements in respect of changes in cost shall be determined from the following formula:

\[ P_n = A + b \frac{L_n}{L_0} + c \frac{M_n}{M_0} + d \frac{E_n}{E_0} + \ldots \]

Where:

- \( P_n \) is a price adjustment factor to be applied to the amount for the payment of the work carried out in the subject month, determined in accordance with Paragraph 60.1 (a), and with Paragraphs 60.1 (b) and (e), where any variations and daywork are not otherwise subject to adjustment;
- \( A \) is a constant, specified in Appendix-C to Bid, representing the nonadjustable portion in contractual payments;
- \( b, c, d, \ldots \) are weightages or coefficients representing the estimated proportion of each cost element (labour, cement and reinforcing steel, etc.) in the Works or Sections thereof, net of provisional sums and Prime Cost; the sum of \( A, b, c, d, \ldots \) shall be one;
- \( L_n, M_n, E_n, \ldots \) are the current cost indices or reference prices of the cost elements for month \( n \) determined pursuant to Sub-Clause 70.1(d), applicable to each cost element;
- \( L_0, M_0, E_0, \ldots \) are the base cost indices or reference prices corresponding to the above cost elements at the date specified in Sub-Clause 70.1(d).
(c) **Sources of Indices and Weightages**

The sources of indices shall be those listed in Appendix-C to Bid, as approved by the Engineer. As the proposed basis for price adjustment, the Contractor shall have submitted with his bid the tabulation of Weightages and Source of Indices if different than those given in Appendix-C to Bid, which shall be subject to approval by the Engineer.

(d) **Base, Current, and Provisional Indices**

The base cost indices or prices shall be those prevailing on the day 28 days prior to the latest date for submission of bids. Current indices or prices shall be those prevailing on the day 28 days prior to the last day of the period to which a particular monthly statement is related. If at any time the current indices are not available, provisional indices as determined by the Engineer will be used, subject to subsequent correction of the amounts paid to the Contractor when the current indices become available.

(e) **Adjustment after Completion**

If the Contractor fails to complete the Works within the Time for Completion prescribed under Clause 43, adjustment of prices thereafter until the date of completion of the Works shall be made using either the base indices or prices relating to the prescribed time for completion, the current indices or prices, whichever is more favorable to the Employer. If it is decided that an extension of time is granted pursuant to Clause 44, the above provision shall not apply to adjustments made after the expiry of such extension of time.

(f) **Weightages**

The weightages for each of the factors of cost given in Appendix-C to Bid shall be adjusted if, in the opinion of the Engineer, they have been rendered unreasonable, unbalanced, or inapplicable as a result of varied or additional work executed or instructed under Clause 51. Such adjustment(s) shall have to be agreed in the variation order.

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

**73.1 Payment of Income Tax**

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

**73.2 Customs Duty & Taxes**
Custom duties & taxes where applicable shall be born by the contractor.

74.1 Integrity Pact

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

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

(b) terminate the Contract; and

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

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

75.1 Termination of Contract for Employer's Convenience

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

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

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

76.1 Liability of Contractor

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

77.1 Joint and Several Liability

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

78.1 Details to be Confidential

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

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-SPECIFICATIONS-

NHA General Specifications 1998 will be used as project Specification.
DRAWINGS
Work Zone Safety Drawings
Single Carriageway Road
Two Lanes
(One Lane Closed)
Work Zone Safety Plan

1. Sign: Work in Progress (1.5m x 2m)
2. Sign: Work in Progress (1.5m x 2m)
3. Sign: Work in Progress (1.5m x 2m)
4. Sign: 10 (1.5m x 2m)
5. Sign: Caution (1.5m x 2m)
6. Sign: Keep Left (1.5m x 2m)
7. Sign: S-Shaped Curve (1.5m x 2m)
Evaluation Criteria
## NATIONAL HIGHWAY AUTHORITY

**PRE-QUALIFICATION OF CONTRACTORS FOR HIGHWAY SAFETY WORK ON MOTORWAY M-4**

**CONTRACT NO.HS-301-17**

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**Dy. Director (Accounts) MWs** Member

**Director/DD (P&CA)** Member

**Director (Central Zone)** Member/Secretary

**Director (Maint) M-4 & M-4 (Ext)** Member

GM (Maintenance) M-4 & M-4 (Ext)
Chairman