

STANDARD FORM OF BIDDING DOCUMENTS

FOR

PROCUREMENT OF WORKS

(CIVIL WORKS)

(For Large Contracts)

Over Rs.100 Million

Notified vide: Notification No. S.R.O (31)/Vol:1-42/2025-26

Dated Peshawar the August 20, 2025

Name of Work:

**CONSTRUCTION OF DISTRICT SECRETARIAT KOLAI PALLAS
KOHISTAN ADP No.220885 SH: EXTERNAL DEVELOPMENTAL
WORKS AND MAIN BUILDING WORKS (DISTRICT
ADMINISTRATION BLOCK, MASJID, AND GUARD ROOM)
(RE-TENDER)**

Office of the
Executive Engineer C&W Division Kohistan Lower

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INVITATION FOR BIDS

Date: _____

Loan / Credit No. _____

Bid Reference No.: _____

1. The **Communication and Works (C&W) Department** through **Executive Engineer C&W Division Kohistan Lower** as applied for/received a loan/credit/approval from the **Provincial Govt.** towards the cost of **CONSTRUCTION OF DISTRICT SECRETARIAT KOLAI PALLAS KOHISTAN ADP No.220885 SH: EXTERNAL DEVELOPMENTAL WORKS AND MAIN BUILDING WORKS (DISTRICT ADMINISTRATION BLOCK, MASJID, AND GUARD ROOM) (RE-TENDER)** amounting to Rs. 399.403 (M), and it is intended that whole or part of the proceeds of the loan/credit/fund will be applied to eligible payments under the Contract for the **CONSTRUCTION OF DISTRICT SECRETARIAT KOLAI PALLAS KOHISTAN ADP No.220885 SH: EXTERNAL DEVELOPMENTAL WORKS AND MAIN BUILDING WORKS (DISTRICT ADMINISTRATION BLOCK, MASJID, AND GUARD ROOM) (RE-TENDER)** amounting to Rs. 399.403 (M), Bidding is opened to all eligible Bidders.
2. The Procuring Entity invites sealed bids from eligible bidders licensed by the Pakistan Engineering Council, registered/enrolled/ enlisted with the relevant Authority(s) or prequalified for the respective work(s). A foreign bidder is also entitled to bid only in a joint venture with a Pakistani constructor in accordance with the relevant provisions of PEC Bye-laws.
3. Bidders may obtain further information from, inspect at, and buy the Bid Solicitation Documents from the office of the **Executive Engineer C&W Division Kohistan Lower** at **xenc&wdkhl@gmail.com**.
4. A complete set of Bid Solicitation Documents may be obtained by an interested bidder on submission of a written application to the above office, and upon payment of a non-refundable fee of Rs. **3,000/-**.
5. All bids must be accompanied by a Bid Security @ 2% of the estimated cost in the shape of Call Deposit Receipt/Bank Guarantee, from a Scheduled Bank of Pakistan, issued from the bank account of the bidder, in favour of **Executive Engineer C&W Division Kohistan Lower**, and must be delivered to the **Office of the Executive Engineer C&W Division Kohistan Lower** on or before **Date: 16/09/2026 Hours: 12:00 Noon**. Technical Bids will be opened at **12:30 PM** hours on the same day, in the presence of bidders or their representatives, who choose to attend at the same address **Executive Engineer C&W Division Kohistan Lower**.
The bid must also be accompanied by a separate non-refundable required Tender form fee at the prevailing rates (**0.03%** of the estimated cost) in shape of Call Deposit favouring **Executive Engineer C&W Division Kohistan Lower** to be issued by a scheduled bank.
6. The **C&W Department** through **Executive Engineer C&W Division Kohistan Lower** reserves the right to reject all bids or proposals at any time prior to the acceptance of a bid or proposal under Rule 47 of the KP Public Procurement Rules, 2014.

INSTRUCTIONS TO BIDDERS

(Note: These Instructions to Bidders along with Bidding Data 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 Procuring Entity as defined in the Bidding Data hereinafter called “the Procuring Entity” invites bids for the construction and completion of works as described in these Bid Solicitation Documents, and summarized in the Bidding Data hereinafter referred to as the “Works”.
- 1.2 The successful bidder will be expected to complete the Works within the time specified in Appendix-A to Bid.
- 1.3 Throughout these Bid Solicitation Documents, the terms ‘bid’ and ‘tender’ and their derivatives (bidder / tenderer, bid / tender, bidding / tendering etc.) are synonymous.

IB.2 Source of Funds

- 2.1 The expenditure on this project/scheme will be met from the Public Funds of the Provincial Government of Khyber Pakhtunkhwa (GoKP), as defined in Rule-2(l)(l) of the KP Public Procurement Rules, 2014, or through a loan/credit from the source (s) as indicated in the Bidding Data in various currencies towards the cost of the Project/Scheme specified in the Bidding Data, and it is intended that part of these Public Funds or proceeds of this loan/credit will be applied to eligible payments under the Contract, for which these Bid Solicitation Documents are issued.

IB.3 Eligible Bidders

- 3.1 This Invitation for Bids is opened to all bidders meeting the following requirements:
 - a. Duly licensed by the Pakistan Engineering Council (PEC) in the category relevant to the value of the Works.
 - b. Duly prequalified / enlisted with the Procuring Entity in the category relevant to the value of the Works
 - c. Is neither associated, nor has been associated, directly or indirectly, with the Consultants or any other entity that has prepared the design, specifications, and other documents for the Project/Scheme or being proposed for any position in the Project Management.
 - d. duly registered with the Khyber Pakhtunkhwa Revenue Authority for the purpose of Sales Tax on Services.
- 3.2 A bidder having a conflict of interest will be declared as non-responsive if the bidder has a close business relationship with the Procuring Entity’s professional personnel, who directly or indirectly involved in any part of: (i) the preparation of the bidding documents for the Works, (ii) the Bid evaluation or (iii) the supervision of such 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 submits or participates in more than one bid (other than alternatives pursuant to Clause IB.16) will be disqualified.

IB.5 Cost of Bidding

- 5.1 The bidders shall bear all costs associated with the preparation and submission of their respective bids and the Procuring Entity 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 representatives will be granted permission by the Procuring Entity to enter upon its premises and lands for the purpose of such inspection, but only upon the express condition that the bidders, their personnel and representatives, will release and indemnify the Procuring Entity, its personnel and representatives 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 Bid Solicitation Documents, in addition to Invitation for Bids, are those stated below, and should be read in conjunction with any Addenda/Corrigenda issued in accordance with Clause IB.9.
1. Instructions to Bidders.
 2. Bidding Data.
 3. General Conditions of Contract, Part-I (GCC).
 4. Special Conditions of Contract, Part-II (SCC).
 5. Specifications–Special Provisions.
 6. Specifications–Technical Provisions.
 7. Form of Bid & Appendices to Bid.
 8. Bill of Quantities (Appendix-D to Bid).
 9. Form of Bid Security.
 10. Form of Additional Security (if required)
 11. Form of Contract Agreement.
 12. Forms of Performance Security and Mobilization Advance Guarantee/Bond.
 13. 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 Bidders own risk. Pursuant to Clause IB.26, bids which are not substantially responsive to the requirements of the Bid Solicitation Documents will be rejected.

IB.8 Clarification of Bidding Documents

- 8.1 Any prospective bidder requiring any clarification (s) in respect of the Bid Solicitation Documents may notify the Procuring Entity in writing at the Procuring Entity's address indicated in the Invitation for Bids. The Procuring Entity will respond to any request for clarification, which it receives earlier than 07 days prior to the deadline for submission of bids.
- Copies of the Procuring Entities response will be forwarded to all buyers of the Bid Solicitation 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 Procuring Entity may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder(s), modify the Bid Solicitation Documents by issuing addendum/corrigendum.
- 9.2 Any addendum/corrigendum thus issued/published shall be part of the Bid Solicitation Documents pursuant to Sub- Clause 7.1 hereof, and shall be communicated in writing to all buyers of the Bid Solicitation Documents.
- 9.3 To afford prospective bidders reasonable time in which to take an addendum / corrigendum into account in preparing their bids, the Procuring Entity may extend the deadline for submission of bids in accordance with Clause IB.20 (10).

C. PREPARATION OF BIDS

IB.10 Language of Bid

- 10 The bid, all correspondence, and documents related to the bid exchanged by a bidder and the Procuring Entity shall be in the bid language stipulated in the Bidding Data and Special Conditions of Contract.

IB.11 Documents Accompanying the Bid

11.1 Each bidder shall:

- (a) submit a written power of attorney authorizing the signatory of the bid to act for and on behalf of the bidder;
- (b) update the information indicated and listed in the Bidding Data and previously submitted with the application for prequalification, and continue to meet the minimum criteria set out in the prequalification documents which as a minimum, would include the following:
 - (i) Evidence of access to financial resources along with average annual construction turnover;
 - (ii) Financial predictions for the current year and the two following years including the effect of known commitments;
 - (iii) Work commitments since prequalification;
 - (iv) Current litigation information; and
 - (v) Availability of critical equipment.and
- (c) furnish a technical proposal taking into account the various Appendices to Bid specially the following:
Appendix-E to Bid Proposed Construction Schedule Appendix-F to Bid Method of Performing the Work Appendix-G to Bid List of Major Equipment Appendix-K to Bid Organization Chart for Supervisory Staff

and other pertinent information such as mobilization program etc;

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

- (a) the bid and in case of a successful bid, the Form of Contract Agreement shall be signed so as to be legally binding on all partners;
- (b) one of the joint venture partners shall be nominated as being in charge; and this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the joint venture partners;
- (c) the partner-in-charge shall always be duly authorized to deal with the Procuring Entity regarding all matters related with and/or incidental to the execution of Works as per the terms and Conditions of Contract and in this regard to incur any and all liabilities, receive instructions, give binding undertakings and receive payments on behalf of the joint venture;
- (d) all partners of the joint venture shall at all times and under all circumstances be liable jointly and severally for the execution of the Contract in accordance with the Contract terms and a statement to this effect shall be included in the authorization mentioned under Sub-Para(b) above as well as in the Form of Bid and in the Form of Contract Agreement (in case of a successful bid); and

- (e) a copy of the agreement entered into by the joint venture partners shall be submitted with the bid stating the conditions under which it will function, its period of duration, the persons authorized to represent and obligate it and which persons will be directly responsible for due performance of the Contract and can give valid receipts on behalf of the joint venture, the proportionate participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning. No amendments / modifications whatsoever in the joint venture agreement shall be agreed to between the joint venture partners without prior written consent of the Procuring Entity.
- 11.3 Bidders shall also submit proposals of work methods and schedule, in sufficient detail to demonstrate the adequacy of the Bidders' proposals to meet the technical specifications and the completion time referred to in Sub-Clause 1.2 hereof.

IB.12 Bid Prices

- 12.1 Unless stated otherwise in the Bidding Documents, the Contract shall be for the whole of the Works as described in Sub-Clause 1.1 hereof, based on the unit rates and / or prices submitted by the bidder.
- 12.2 The bidders shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Unit rate offered for an item shall be considered upto two significant decimals places for evaluation purposes. Items against which no rate or price is entered by a bidder will not be paid for by the Procuring Entity when executed and shall be deemed covered by rates and prices for other items in the Bill of Quantities. Corrections in rates and prices, if any, shall be made by crossing out, initialing, dating and re-writing.
- 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 Procuring Entity shall furnish the prescribed information for the price adjustment formulae in Appendix-C to Bid, and shall submit with their bids such other supporting information as required under the said Clause.

IB.13 Currencies of Bid and Payment

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

- 13.2 The rates of exchange to be used by the bidder for currency conversion shall be the TT&OD Selling Rates published or authorized by the State Bank of Pakistan prevailing on the date 28 days prior to the deadline for submission of bids.

For the purpose of payments, the exchange rates used in bid preparation shall apply for the duration of the Contract.

IB.14 Bid Validity

- 14.1 Bids shall remain valid for the period stipulated in the Bidding Data after the Date of Bid Opening specified in Clause IB.23.
- 14.2 In exceptional circumstances, prior to expiry of the original bid validity period, the Procuring Entity 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. The bidder shall bear all costs to be incurred on such extensions.

IB.15 Bid Security

- 15.1 Each bidder shall furnish, as part of his bid, a Bid Security in the amount stipulated in the Bidding Data in Pak Rupees or an equivalent amount in a freely convertible currency. [The bid security shall be submitted from the account of the firm/bidder/contractor who submits the bid]²
- 15.2 The Bid Security shall be, at the option of the bidder, in the form of Deposit at Call or a Bank Guarantee issued by a Scheduled Bank in Pakistan or from a foreign bank duly counter guaranteed by a Scheduled Bank in Pakistan in favour of the Procuring Entity 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 Procuring Entity 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 be retained with the Procuring Entity till completion of the defect liability period and the amount of guarantee will be reduced by an equivalent amount”.]³
- 15.6 The Bid Security may be forfeited:
- (a) if the bidder withdraws his bid except as provided in Sub-Clause 22.1;
 - (b) if the bidder does not accept the correction of his Bid Price pursuant to Sub-Clause 27.2 hereof; or
 - (c) In the case of successful bidder, if he fails within the specified time limit to:
 - (i) furnish the required Performance Security; or
 - (ii) Sign the Contract Agreement.

² Inserted by KPPRA Notification No. KPPRA/M&E/Estt:/1-12/2017-18 dated April 05 2018.

³ Substituted by KPPRA Notification No. KPPRA/M&E/Estt:/1-4/2016 dated May 24, 2016

IB.16 Alternate Proposals by Bidder

- 16.1 Should any bidder consider that he can offer any advantages to the Procuring Entity 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 Bid Solicitation 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 Form of Bid shall be that which represents complete compliance with the Bid Solicitation Documents.
- 16.2 Alternate Proposal(s), if any, of the lowest evaluated responsive bidder only may be considered by the Procuring Entity as the basis for the award of Contract to such bidder.

IB.17 Pre-Bid Meeting

- 17.1 The Procuring Entity may, on its 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 Bid Solicitation Documents or any other matter that may be raised at that stage. The date, time, and venue of pre-bid meeting, if convened, is as stipulated in the Bidding Data. All prospective bidders or their authorized representatives shall be invited to attend such a pre-bid meeting.
- 17.2 The bidders are requested to submit questions, if any, in writing so as to reach the Procuring Entity 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 buyers of the Bid Solicitation Documents. Any modification of the Bid Solicitation Documents listed in Sub-Clause 7.1 hereof, which may become necessary as a result of the pre-bid meeting shall be made by the Procuring Entity exclusively through the issue of an Addendum/Corrigendum pursuant to Clause IB.9, and not through the minutes of the pre- bid meeting.
- 17.4 Absence at the pre-bid meeting will not be a cause for disqualification of a bidder.

IB.18 Format and Signing of Bid

- 18.1 Bidders are particularly directed that the amount entered on the Form of Bid shall be for performing the Contract strictly in accordance with the Bid Solicitation Documents.
- 18.2 All appendices to Bid are to be properly completed and signed.
- 18.3 No alteration is to be made in the Form of Bid nor in the Appendices there to 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 Each bidder shall prepare by filling out the forms completely and without alterations one (1) original and number of copies, specified in the Bidding Data, of the documents comprising the bid as described in Clause IB.7 and clearly mark them "ORIGINAL" and "COPY" as appropriate. In the event of discrepancy between them, the original shall prevail.
- 18.5 The original and all copies of the bid shall be typed or written in indelible ink (in the case of copies, Photostats are also acceptable) and shall be signed by a person or persons duly authorized to sign on behalf of the bidder pursuant to Sub- Clause 11.1(a) hereof. All pages of the bid shall be initialed and stamped by the person or persons signing the bid.

- 18.6 The bid shall contain no alterations, omissions or additions, except to comply with instructions issued by the Procuring Entity, or as are necessary to correct errors made by the bidder, in which case such corrections shall be initialed by the person or persons signing the bid.
- 18.7 Bidders shall indicate in the space provided in the Form of Bid their full and proper addresses at which notices may be legally served on them and to which all correspondence in connection with their bids and the Contract is to be sent.
- 18.8 Bidders should retain a copy of the Bidding Documents as their file copy.

D. SUBMISSION OF BIDS

IB.19 Sealing and Marking of Bids

- 19.1 Each bidder shall submit his bid as under:
- (a) ORIGINAL and 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 Sub- Clause 19.2 hereof.
- 19.2 The inner and outer envelopes shall:
- (a) be addressed to the Procuring Entity at the address provided in the Bidding data;
 - (b) bear the name and identification number of the contract as defined in the Bidding Data; and
 - (c) Provide a warning not to open before the time and date for bid opening, as specified in the Bidding Data.
- 19.3 In addition to the identification required in Sub- Clause 19.2 hereof, the inner envelope shall indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared “late” pursuant to Clause IB.21.
- 19.4 If the outer envelope is not sealed and marked as above, the Procuring Entity will assume no responsibility for the misplacement or premature opening of the Bid.

IB.20 Deadline for Submission of Bids

- 20.1 (a) Complete Bids must be received by the Procuring Entity at the address specified no later than the time and date stipulated in the Bidding Data. In the event of the specified date for the submission of bids declared a holiday for the Procuring Entity, the Bids will be received up to the appointed time on the next working day.
- (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 Procuring Entity 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 Procuring Entity and the bidders

previously subject to the original deadline will thereafter be subject to the deadline as extended.

IB.21 Late Bids

- 21.1 (a) Any bid received by the Procuring Entity after the deadline for submission of bids prescribed in Clause IB.20 will be returned (17 unopened to such bidder.
- (b) Delays in the mail, delays of person in transit, or delivery of a bid to the wrong office or due to any other reason, 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 Procuring Entity prior to the deadline or the extended deadline pursuant to clause IB.20.2, for submission of bids.
- 22.2 The modification, substitution or notice for withdrawal of any bid shall be prepared, sealed, marked and delivered in accordance with the provisions of Clause IB.19 with the outer and inner envelopes additionally marked "MODIFICATION", "SUBSTITUTION" or "WITHDRAWAL" as appropriate.
- 22.3 No bid may be modified by a bidder after the deadline for submission of bids except in accordance with Sub-Clauses 22.1 and 27.2.
- 22.4 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security in pursuance to Clause IB.15.

E. BID OPENING AND EVALUATION

IB.23 Bid Opening

- 23.1 The Procuring Entity will open all the bids received (except those received late), including withdrawals, substitution and modifications made pursuant to Clause IB.22, in the presence of bidders' or their representatives who choose to attend, at the time, date and location stipulated in the Bidding Data. In the event of the specified date for the opening of bids being declared a holiday for the Procuring Entity, the Bids will be opened at the appointed time and location on the next working day. The bidders' representatives who are present shall sign a register evidencing their attendance.
- 23.2 Envelopes marked "MODIFICATION", "SUBSTITUTION" or "WITHDRAWAL" shall be opened and read out first. Bids for which an acceptable notice of withdrawal has been submitted pursuant to Clause IB.22 shall not be opened.
- 23.3 The bidder's name, total Bid Price and price of any Alternate Proposal(s), any discounts, bid modifications, substitution and withdrawals, the presence or absence of Bid Security and such other details as the Procuring Entity may consider appropriate, will be announced by the Procuring Entity at the opening of bids.
- 23.4 Procuring Entity shall prepare minutes of the bid opening including the information disclosed to those present in accordance with the Sub-Clause 23.3.

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 the final result of the bid evaluation, which shall be done at least ten (10) days prior to the award of Contract, and place the same on its and Authority's Website (under Rule 45 of the KP Public Procurement Rules, 2014). 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 Procuring Entity's processing of bids or award decisions may result in the rejection of such bidder's bid. Whereas any bidder feeling aggrieved may follow Section 35 of the KPPRA Act, 2012, read with the Khyber Pakhtunkhwa Public Procurement Grievance Redressal Rules, 2017.

IB.25 Clarification of Bids

- 25.1 To assist in the examination, evaluation and comparison of bids, the Procuring Entity 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 Procuring Entity in the evaluation of the bids in accordance with Clause IB.28.

IB.26 Examination of Bids and Determination of Responsiveness

- 26.1 Prior to the detailed evaluation of bids, the Procuring Entity will determine whether each bid is substantially responsive to the requirements of the Bid Solicitation Documents.
- 26.2 A substantially responsive bid is one which (i) meets the eligibility criteria; (ii) has been properly signed; (iii) is accompanied by the required Bid Security and Additional Security (if any), and (iv) conforms to all the terms, conditions, and specifications of the Bid Solicitation Documents, without material deviation or reservation.
- 26.3 If a bid is not substantially responsive, it will be rejected by the Procuring Entity and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.

IB.27 Correction of Errors

- 27.1 Bids determined to be substantially responsive will be checked by the Procuring Entity for any arithmetic errors. Errors will be corrected by the Procuring Entity 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 Procuring Entity 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 Form of Bid will be adjusted by the Procuring Entity in accordance with the above procedure for the correction of errors and with the concurrence of the bidder, shall be considered as binding upon the bidder. If the bidder does not accept the corrected bid price, his bid will be rejected and the Bid Security shall be forfeited in accordance with Sub-Clause 15.6(b) hereof.

IB.28 Evaluation and Comparison of Bids

- 28.1 The Procuring Entity 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 Procuring Entity 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, including discounts or other price modification in the bids.
- 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 Procuring Entity's estimate of the cost of work to be performed under the Contract, the Procuring Entity 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 Procuring Entity 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 Procuring Entity against financial loss in the event of default of the successful bidder under the Contract.

IB.29 Award of the Contract

- 29.1 Subject to Clauses IB.30 and IB.34, the Procuring Entity will award the Contract to the bidder, whose bid has been determined to be substantially responsive to the Bid Solicitation Documents, and who has offered the lowest evaluated Bid Price, provided that such bidder has been determined to be eligible in accordance with the provisions of Clause IB.3, and qualify pursuant to Sub-Clause IB 29.2.
- 29.2 The Procuring Entity, at any stage of the bid evaluation, having credible reasons for or prima facie evidence of any defect in supplier's or contractor's capacities, may require the suppliers or contractors to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not:
Provided that such qualification shall only be laid down after recording reasons therefore in writing. They shall form part of the records of that bid evaluation report.

IB.30 Procuring Entity's Right to accept any Bid and to reject any or all Bids

- 30.1 Notwithstanding Clause IB.29, the Procuring Entity reserves the right to accept or reject any Bid, and to annul the bidding process, and reject all bids, at any time prior to acceptance of a bid or proposal, 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 Procuring Entity, the Procuring Entity will notify the successful bidder in writing ("Letter of Acceptance") that his Bid has been accepted. This letter shall name the sum which the Procuring Entity will pay the Contractor in consideration of the execution and completion of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Conditions of Contract called the "Contract Price").
- 31.2 No Negotiation with the bidder having evaluated as lowest responsive or any other bidder shall be permitted, however, Procuring Entity may have clarification meetings to get clarify any item in the bid evaluation report.
- 31.3 The notification of award and its acceptance by the bidder will constitute the formation of the Contract, binding the Procuring Entity and the bidder till signing of the formal Contract Agreement.
- 31.3 Upon furnishing by the successful bidder of a Performance Security, the Procuring Entity 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 Procuring Entity a Performance Security in the form and the amount stipulated in the Bidding Data and the Conditions of Contract.
- 32.2 Failure of the successful bidder to comply with the requirements of Sub-Clause IB.32.1 or Clauses IB.33 or IB.35 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. and Additional Security (if any).

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 Procuring Entity will send the successful bidder the Contract Agreement in the form provided in the Bid Solicitation Documents, incorporating all agreements between the parties.
- 33.2 The formal Agreement between the Procuring Entity and the successful bidder shall be executed within 15 days of the receipt of the Contract Agreement by the successful bidder from the Procuring Entity.

IB.34 General Performance of the Bidders

The Procuring Entity reserves the right to obtain information regarding performance of the bidders on their previously awarded contracts/works. The Procuring Entity may in case of consistent poor performance of any Bidder as reported by the Procuring Entities of the previously awarded contracts, inter alia, reject his bid and/or refer the case to the Pakistan Engineering Council (PEC) and KPPRA. Upon such reference, PEC / K P P R A 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 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

NOTES ON BIDDING DATA

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in Instructions to Bidders (IB) and should be prepared to suit each individual contract.

The Procuring Entity should provide in the Bidding Data information and requirements specific to the circumstances of the Procuring Entity, the processing of the Bid, the applicable rules regarding Bid Price and currency, and the Bid evaluation criteria that will apply to the Bids. In preparing this section, the following aspects should be checked:

- (a) Information that specifies and complements the provisions of section; Instruction to Bidders must be incorporated.
- (b) Amendments and/or supplements, if any, to the provisions of Instructions to Bidders, necessitated by the circumstances of each individual contract, can be introduced only in this section since Instructions to Bidders will remain unchanged.

Bidding Data

(This section should be filled in by the Procuring Entity before issuance of the Bid Solicitation Documents). The following specific data for the Works to be bid shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.

[Instructions are provided, as needed, in italics.]

Instructions to Bidders

Clause Reference

1.1 Name and address of the Procuring Entity:

Name: C&W Department through Executive Engineer C&W Division Kohistan Lower

Address: Executive Engineer C&W Division Kohistan Lower.

1.1 Name of the Project & Summary of the Works:

Name of the Project: CONSTRUCTION OF DISTRICT SECRETARIAT KOLAI PALLAS KOHISTAN ADP No.220885 SH: EXTERNAL DEVELOPMENTAL WORKS AND MAIN BUILDING WORKS (DISTRICT ADMINISTRATION BLOCK, MASJID, AND GUARD ROOM) (RE-TENDER)

Summary of the Works: Development Works And Main Building Works

2.1 Name of the Borrower/Source of Financing/Funding Agency:

Provincial Govt. of Khyber Pakhtunkhwa

8.1 Time limit for clarification: 07 Days before closing date or as per NiT.

10.1 Bid language: **English**

11.1 (b) Prequalification Information to be updated:

Mode of Procurement: Single Stage Two Envelope on EPAD

Qualification Criteria for the Evaluation of Technical Proposals

(Buildings)

General

The evaluation of technical proposals shall be carried out on the basis of compliance against the mandatory requirements and the prescribed technical criteria (comprising General Experience, Personnel Capabilities, Equipment Capabilities, and Financial Soundness). The mandatory requirements for the qualification of bidders in the procurement process are given below. Failure to comply with any of the mandatory requirements shall result in disqualification of bidders from the procurement process.

- Bidder's Registration Category with Pakistan Engineering Council:

- Specialization Codes:

- Enlistment: Provide proof of registration with Khyber Pakhtunkhwa Revenue Authority (KPRA) and Communication and Works (C&W) Department.
- Income and Sales Tax Status: Provide proof of registration (with active status) with income and sales tax authorities.
- Blacklisting: Provide Non-Judicial Stamp Paper (Rs. 100 or above) regarding the status of blacklisting from any agency.
- Litigation History: Provide Non-Judicial Stamp Paper (Rs. 100 or above) regarding litigation history.
- Departmental Action: Provide Non-Judicial Stamp Paper (Rs. 100 or above) regarding the status of departmental action pending against the bidder.
- Bid Security: Provide Non-Judicial E-Stamp Paper (Rs. 100 or above) stating that bid security has been placed in the financial proposal, without mentioning the amount/figure.

The evaluation against the prescribed technical criteria (comprising General Experience, Personnel Capabilities, Equipment Capabilities, and Financial Soundness) shall be carried out on Pass/Fail basis. The bidder must obtain an overall aggregate score of at least seventy percent (70%) and fifty percent (50%) score in each

individual category to qualify. Failure to secure the minimum required score in any category shall render the bidder disqualified from the procurement process.

S. No	Category	Weightage/Marks
A	General Experience	35
B	Personnel Capabilities	15
C	Equipment Capabilities	20
D	Financial Soundness	30
Total		100

- The detailed description of each category is given below.

A. General Experience

Credit Marks for general experience will be awarded on the basis of following qualifications.

S. No	Description	Marks Assigned	Explanation for Marks Obtained
1	Projects of similar nature and complexity Completed in last five years.	15	09 Marks will be given if the contractor has completed at least 03 projects of similar nature in last five years, each having a cost equivalent to at least 80% of the project cost (03 marks for each project). 06 Marks will be given if the contractor has completed at least 03 projects of similar nature in last five years, each having a cost equivalent to at least 50% of the project cost (02 marks for each project).

2	Projects of similar nature and complexity in-hand.	10	06 Marks will be given if the contractor has 03 projects of similar nature in-hand, each having a cost equivalent to 80% of the project cost (02 marks for each project). 04 Marks will be given if the contractor has 02 projects of similar nature in-hand, each having a cost equivalent to at least 50% of the project cost (02 marks for each project).
3	Other works carried out during last five years.	5	05 Marks will be given if the contractor has completed at least 02 projects in last five years, each having a cost equivalent to at least 60% of the project cost (2.50 marks for each project).
4	Enlistment record with Government Organizations and other agencies	5	01 Mark for each enlistment up to a maximum of five enlistments.
Total Marks Allocated		35	

B. Personnel Capabilities

Credit Marks for Personnel Capabilities will be awarded based on the following qualifications.

1.5.2	Personal Capabilities		
S#	Description	Marks Assigned	Explanation for marks to be awarded
1.	1) BSc (Civil) Engineers The above-mentioned Engineers registered with Pakistan Engineering Council (PEC). Evidence of experience /certificate/ documents must be provided with accurate address & telephone number for verification.	9	Strength of PEC Registered Engineers 6 Marks are awarded if the bidder has at least 03 No. of PEC Registered Engineers.. - For less than 03 No. of PEC Registered Engineers: $6x(A/3)$ where A is number of PEC REs A = No. of Engineers Experience of PEC Registered Engineers 3 Marks will be awarded if the total cumulative experience of above PEC registered Engineers (professional) is equal to 15 years or above. - For less than 15 years cumulative experience of above PEC Registered Engineers: $3x(B/15)$ - where A is number in years of cumulative experience of PEC REs. B = Experience in Years Note: In JV staff of both firms will be considered.
2.	1) DAE Staff Evidence of experience / certificate must be provided with accurate address & telephone number for verification	6	Strength of Diploma Holder Associate Engineers (DAE) 4 Marks are awarded if the bidder has at least 05 No. of PEC Registered Engineers - For less than 03 No. of PEC Registered Engineers: $4x(A/5)$ where A is number of PEC Res. A = No of DAE Engineers. Experience of Diploma Holder Associate Engineers (DAE) 2 Marks will be awarded if the total cumulative experience of above DAE holders (Professional) is equal to 20 years or above. - For less than 20 years cumulative experience of above DAE holders: $2x(B/20)$ where A is number in years of cumulative experience of above DAE holders. B = Experience in Years Note: In JV staff of both firms will be considered
Total Marks Allocated:		15	

C. Equipment Capabilities

Credit Marks for Equipment Capabilities will be granted on the basis of the following criteria.

1.5.3	Equipment Capabilities		
S#	Description	Marks Assigned	Explanation for marks to be awarded
1.	Total Station with Staves (A)	03	Full Marks will be awarded when the numbers of required units of equipment are available. However, the department shall award reduced marks in case the provided numbers of units are less the required numbers.
2.	Chain/Tyre Excavator (0.5 to 1.5 M3)	03	
3.	Jack Daina (100 to 150 cft)	02	
4.	Tractor with blade	02	
5.	Jack Hammer/Stone Crusher	02	
6.	Waste or Clean water Pump (20 to 50 hp)	01	
7.	Diesel Generator set (50 KVA or above)	01	
8.	Steel/Wood Shuttering/formwork (V&H) (Sft)	02	
9.	Concrete Mixer (2 to 4 bags or 4 to 5 M3)	02	
10.	Concrete Vibrator (Internal, Surface)	02	
Total Marks Allocated:		20	

D. Financial Soundness

Credit Marks for financial soundness will be awarded on the basis of the following criteria.

S. No	Description	Marks Assigned	Explanation for Marks Obtained
1	Available Bank Credit Line	10	10 Marks will be given if the contractor has Available Bank Credit Line equivalent to at least 80% of the project cost or above. - If the Available Bank Credit Line (B_{CL}) is less than 80% of the project cost, the Credit Marks (M) shall be computed using following formula. $M = 10 \times \frac{B_{CL}}{0.80P}$ - Here P represents the Project Cost.

2	Average Working Capital	10	10 Marks will be given if the contractor has Average Working Capital in last three years equivalent to at least 80% of the project cost or above. - If the Average Working Capital (W_c) in last three years is less than 80% of the project cost, the Credit Marks (M) shall be computed using following formula. $M = 10 \times \frac{W_c}{0.80P}$ Here P represents the Project Cost.
3	Average Annual Turnover	10	10 Marks will be given if the contractor has Average Annual Turnover (T_A) in last three years equivalent to at least 150% of the project cost or above. - If the Average Annual Turnover (T_A) in last three years is less than 150% of the project cost, the Credit Marks (M) for shall be computed using following formula. $M = 10 \times \frac{T_A}{1.50P}$ - Here P represents the Project Cost.
Total Marks Allocated		30	

11.1(c) Furnish Technical Proposal:

The bidder to submit a technical proposal in sufficient detail to demonstrate the adequacy of the bid in meeting requirements for timely completion of the Works.

13.1 Bidders to quote entirely in Pak. rupees but specify the percentages of foreign currency they require.

14.1 Period of Bid Validity: **90 Days (Extendable as per Rules)**

15.1 Amount of Bid Security:

Rs. **8,028,060/-**

Rupees: EIGHT MILLION, TWENTY-EIGHT THOUSAND AND SIXTY ONLY

(Two percent (2%) of the estimated cost including Stamp Duty)

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

Venue: Office of the Executive Engineer C&W Division Kohistan Lower

Time: 11:00 AM

Date: 09/09/2026.

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

One Original and One Copy

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

Electronic: E-PAK Acquisition and Disposal System

Physical: Office of the Executive Engineer C&W Division Kohistan Lower

19.2(b) Name and Number of the Contract:

Representative I

Name: (Assistant / Head Clerk)

Contact Number: 0998-405128

Representative II

Name: _____

Contact Number: _____

20.1(a) Deadline for submission of bids:

Date: 16/09/2026

Time: 12:00 Noon

23.1 Venue, time, and date of Bid opening:

Venue: Office of the Executive Engineer C&W Division Kohistan Lower

Time: 12:30 PM

Date: 16/09/2026

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

Form/Type: _____ (Bank Guarantee/Call Deposit)

Amount: 10% of Contract Price.

**FORM OF BID
AND
APPENDICES TO BID**

FORM OF BID

Bid Reference No. **CONSTRUCTION OF DISTRICT SECRETARIAT KOLAI PALLAS KOHISTAN ADP No.220885 SH: EXTERNAL DEVELOPMENTAL WORKS AND MAIN BUILDING WORKS (DISTRICT ADMINISTRATION BLOCK, MASJID, AND GUARD ROOM) (RE-TENDER)**

To:

Executive Engineer

C&W Division

Kohistan Lower

Gentleman,

1. Having examined the Bid Solicitation Documents including Instructions to Bidders, Bidding Data, Conditions of Contract. Specifications, Drawings and Bill of Quantities and Addenda/Corrigenda Nos. _____ for the execution of the above-named Works, we, the undersigned, offer to execute and complete such Works and remedy any defects therein in conformity with the Conditions of Contract. Specifications, Drawings, Bill of Quantities and Addenda/Corrigenda for the sum of Rs. _____ (Rupees _____) [Bid Cost] or such other sums as may be ascertained in accordance with the said conditions.
2. We understand that all the Appendices attached hereto form part of this Bid.
3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security @2% of the estimated cost (Rs. _____), drawn in your favour or made payable to you, and valid for a period of 120 days beginning from the date of Bids are opened.
4. We undertake, if our Bid is accepted, to commence the Works and to complete the whole of the Works comprised in the Contract within the time stated in Appendix-A to Bid.
5. We agree to abide by this Bid for the period of days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
7. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other bidder for the Works.
8. We understand that you are not bound to accept the lowest or any Bid you may receive.

Dated this _____ day of _____ 20 _____

Signature: _____

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

(Name of Bidder in Block Capitals)
(Seal)

Address: _____

Witness:

Signature: _____

Name: _____

Address. _____

Occupation _____

SPECIAL STIPULATIONS**Clause****Conditions of Contract**

1.	Engineer's Authority to issue Variation in Emergency	2.1	2% of the Contract Price stated in the Letter of Acceptance.
2.	Amount of Performance Security	10.1	10% of Contract Price stated in the Letter of Acceptance.
3.	Time for Furnishing Program	14.1	Within 42 days from the date of receipt of Letter of Acceptance.
4.	Minimum amount of Third Party Guarantee.	23.2	
5.	Time for Commencement	41.1	Within 14 days from the date of receipt of Engineer's Notice to Commence which shall be issued within fourteen (14) days after signing of Contract Agreement.
6.	Time for Completion	43.1, 48.2	730 days from the date of receipt of Engineer's Notice to Commence.
7.	a) Amount of Liquidated Damages	47.1	Rs. 0.05% for each day of delay in completion of the Works subject to a maximum of 10% of Contract Price stated in the Letter of Acceptance.
	b) Amount of Bonus	47.3	Rs. NA for each day the Works are completed before the specified completion date of the Works subject to a maximum of 5% of Contract Price stated in the Letter of Acceptance.
8.	Defects Liability Period	49.1	365 days from the effective date of Taking Over Certificate.
9.	Percentage of Retention Money	60.2	10% of the amount of Interim Payment Certificate.
10.	Limit of Retention Money	60.2	of Contract Price stated in the [8 %] ⁴ Letter of acceptance.
11.	Minimum amount of Interim Payment Certificates (Running Bills)	60.2	Rs. _____ (5% of Contract Price)
12.	Time of Payment from delivery of Engineer's Interim Payment Certificate to the Procuring	60.10	28 days in case of local currency or 42 days in case of foreign funded projects.
13.	Mobilization Advance [* (Interest Free)] ⁵	60.12	10-15 % of Contract Price stated in the Letter

* Delete if alternative one is not adopted.

⁴ Substituted by KPPRA Notification No. KPPRA/M&E/Estt:/1-4/2016 dated May 24, 2016.

⁵ Interest/markup on Mobilization Advance is waived off by KPPRA Notification No. KPPRA/M&E/1-2/2014-15 dated June 15, 2015

Appendix-B to Bid

FOREIGN CURRENCY REQUIREMENTS

1. The Bidder may indicate herein below his requirements of foreign currency (if any), with reference to various inputs to the Works.
2. Foreign Currency Requirement as percentage of the Bid Price excluding Provisional Sums _____%.
3. Table of Exchange Rates

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

Appendix-C To Bid

PRICE ADJUSTMENT UNDER CLAUSE 70 OF CONDITIONS OF CONTRACT

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

(To be filled by the Procuring Entity).

Cost Element	Description	Weightages	Applicable index
1	2	3	4
(i)	Fixed Portion	0.35 (Minimum)	
(ii)	Local Labour		Government of Pakistan (GP) Federal Bureau of Statistics (FBS) Monthly Statistical Bulletin.
(iii)	Cement – in bags		“ “ “
(iv)	Reinforcing Steel		“ “ “
(v)	High Speed Diesel (HSD)		“ “ “
(vi)	Bricks		“ “ “
(vii)	Bitumen		“ “ “
(viii)			
	Total	1.000	

Notes:

- 1) Indices for “(ii)” to “(vii)” are taken from the Government of Pakistan Federal Bureau of Statistics, Monthly Statistical Bulletin. The base cost indices or prices shall be those applying 28 days prior to the latest day for submission of bids. Current indices or prices shall be those applying 28 days prior to the last day of the billing period.
- 2) Any fluctuation in the indices or prices of materials other than those given above shall not be subject to adjustment of the Contract Price.
- 3) Fixed portion shown here is for typical road project, Procuring Entity to determine the weightage of Fixed Portion considering only those cost elements having cost impact of seven (7) percent or more on his specific project.

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

Appendix-D to Bid

BILL OF QUANTITIES

A. Preamble

1. The Bill of Quantities shall be read in conjunction with the Conditions of Contract, Specifications and Drawings.
2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work executed and measured by the Contractor and verified by the Engineer and valued at the rates and prices entered in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Engineer may fix as per the Contract.
3. The rates and prices entered in the priced Bill of Quantities shall, except insofar as it is otherwise provided under the Contract include all costs of Contractor's plant, 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. Unit rates must be offered in two decimal places for an item. In case the bidder quotes rates for an item in more than two decimal places, the same shall be considered upto two significant decimal places for evaluation purposes. 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 summarized 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.

Appendix-D to Bid BILL

OF QUANTITIES

Bill of Quantities is as under:

BILL OF QUANTITY

ESTIMATED COST:

399.403 M

N.O.W: CONSTRUCTION OF DISTRICT SECRETARIAT KOLAI PALLAS KOHISTAN ADP No.220885

SUB HEAD: EXTERNAL DEVELOPMENTAL WORKS AND MAIN BUILDING WORKS (DISTRICT ADMINISTRATION BLOCK, MASJID, AND GUARD ROOM)(RE-TENDER)

(A) CIVIL WORK MAIN BUILDING WORKS (DISTRICT ADMINISTRATION BLOCK)

(1) CIVIL WORK MAIN BUILDING WORKS

S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
(i) SUB STRUCTURE WORKS						
1	03-25-d	Excavation in foundation of building, bridges etc complete : in shingle/gravel	m3	904.67	485.96	439633.43
2	03-18-a	Filling, watering and ramming earth under floor with surplus earth from foundation, etc	m3	542.80	133.66	72550.65
3	03-67-d	Structural Backfill using Granular Material brought from outside	m3	729.12	1,909.05	1391926.54
4	28-15	Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual	m2	2953.86	98.63	291339.21
5	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	75.39	12,340.56	930354.82
6	06-07-b-02	RCC in raft foundation slab, base slab of column & ret.wall etc, not including in 06-07-a-02 (1:1.5:3)	m3	400.79	22,219.08	8905185.07
7	06-07-b-01	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-07-a-01 (1:1:2)	m3	18.36	27,075.22	497101.04
8	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	m3	214.19	16,554.63	3545836.20
9	06-26-b-02	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 2 coats bitumen (2" thick)	m2	14.53	1,596.40	23195.69
(ii) GROUND FLOOR WORKS						
10	06-07-a-01	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1:2)	m3	62.13	27,075.22	1682183.42
11	06-07-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1.5:3)	m3	294.48	22,220.48	6543486.95
12	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	109.03	306,713.50	33440972.91
13	06-47-c	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shpae - Position / Horizontal	m2	1119.94	1,166.35	1306242.02
14	06-47-b	Erection and removal of Form work with Steel Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	757.53	1,010.20	765256.81
15	06-47-d	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	1474.51	1,232.79	1817761.18
16	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	m3	271.65	17,664.81	4798645.64
17	07-05-a-03	1st class brick work in ground floor Cement, sand mortar 1:4	m3	13.23	18,128.70	239842.70
18	28-18	Providing and fixing with steel nails and washers, the chicken wire mesh of approved quality, at joint of concrete and masonry work (4" wide strip) before plastering etc complete.	m2	153.35	1,000.06	153359.20
19	11-10-c	Cement plaster 3/8" thick under soffit of RCC roof slabs only upto 20' height : (1:4)	m2	346.31	499.22	172884.88
20	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	m2	3103.55	519.49	1612263.19

21	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	m2	661.20	530.25	350601.30
22	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	m2	661.20	103.50	68434.20
23	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	72.91	12,340.56	899750.23
24	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	m3	49.14	17,035.28	837113.66
25	10-26-c-ii	Provide & lay marble fine dressed stone flooring on surface in white cement complete: 3/4" thick 24 x 24 Sunny White Marble	m2	911.71	4,911.01	4477416.93
26	10-45-b-ii	Provide & lay marble fine dressed stone dado or skirting in white cement complete: 0.5" thick 12 x 12 Sunny White Marble	m2	173.61	2,678.53	465019.59
27	10-64	Chemical polishing of marble floor/Dado	m2	1206.94	389.64	470272.10
28	10-55-j	Providing and Fixing of Bath Room Tiles 12"x18" of approved quality	m2	214.50	2,562.82	549724.89
29	10-50-a	Providing and Fixing Ceramic Floor Tiles of approved quality of Size : 12" x 12"	m2	57.50	2,568.72	147701.40
30	10-26-e	Providing and Laying badal marble fine dressed stone 12"x48" wide 3/4" thick for stairs steps (& Window Sills & Counter Top etc.)	m2	121.63	3,431.42	417363.61
31	12-70-a	Supply and Fixing MS Sheet 16 guage (10" x 2") box type chowkats including fixing in position with all charges for Hold fast, Hinges and Painting etc	m	287.42	2,139.62	614969.58
32	25-49	Providing and Fixing of Steel chowkat including GI sheet (heavy gauge) with holdfast embedded in PCC 5" to 6" wide	Kg	346.82	484.65	168086.31
33	12-08-c	First class deodar wood wrought joinery in doors and windows etc. complete : 1.5" thick	m2	107.80	30,903.75	3331424.25
34	12-48-a	Fixing Door including chowkats	Each	43.00	468.05	20126.15
35	12-58	24 SWG aluminium kick plate 4" high, on bottom rail of flush doors of commercial ply	m	87.35	385.96	33713.61
36	12-24-a-01	Extra for providing/fixing approved quality Rim locks : Imported	Each	30.00	2,548.25	76447.50
37	12-24-b-01	Extra for providing/fixing approved quality Rim locks : Imported	Each	30.00	1,090.61	32718.30
38	12-21-b	P/F hydraulic Door Closer (Best Quality)	Each	30.00	2,925.40	87762.00
39	12-73-a	Providing and fixing First class deodar wood projected beading upto one sq.inch. (6.5sq.cm.) wide in section, designed, fixed around the panels of doors, windows of any description.	m	569.51	270.73	154183.44
40	13-03-c-01	Prepare & Paint new surface, doors & windows Priming coat	m2	331.33	339.85	112602.50
41	13-03-c-02	Prepare & Paint new surface, doors & windows Each subsequent coat of paint	m2	662.65	243.31	161229.37
42	13-03-h	Extra for knotting & stopping to prime coat on new surface of wood	m2	331.33	50.29	16662.59
43	12-65-a-06	Supply and Fixing aluminium door/window, Sliding Window Premium model (2.00 mm gauge) 4" section	m2	156.41	16,369.48	2560350.37
44	12-64-a-06	Supply and Fixing aluminium door/window, Fixed Glazing Premium model (2.00 mm gauge) 4" section	m2	6.69	16,143.57	108000.48
45	25-47	Supply and fixing of fancy type stainless steel chromium plate 2" dia pipes stair railing 3/4" dia pipe fixed on specified space on steps in horizontal positions, complete in all respects	m	38.57	5,151.13	198679.08
46	25-33-a	Providing and fixing terrace railing 2" i/d conduit pipe 16 SWG, welded with 5/8" x 5/8" square bar 2.75 ft. high fixed at 5" centre to centre, in RCC slab with suitable arrangement, complete in all respects as per design and drawing.	m	68.90	4,509.98	310737.62
47	06-25-f	Providing and applying polysulphide sealant of colour in expansion joint	m	52.44	510.14	26751.74
48	28-23	Providing and fixing of 1-1/2" thick Thermopore in cavity wall, including all necessary fittings complete in all respect.	m2	318.22	409.05	130167.89

49	06-22	Providing and fixing 6" wide GI sheet 18 SWG. stopper to expansion joint.	m	159.15	581.36	92523.44
50	12-47	Supply and Fixing accoustic mineral fibre tile ceiling fixed with aluminium tee hung by GI wire fixed in roof	m2	957.34	2,520.09	2412582.96
51	13-03-i	Providing and applying 3 coats of approved type of Plastic emulsion paint to Plastic surface as per manufacture specification.	m2	3152.62	929.90	2931621.34
52	13-25-a	Preparing surface & painting with snowcem / weathershield paint : First coat	m2	260.44	344.07	89609.59
53	13-25-b	Preparing surface & painting with snowcem / weathershield paint : 2nd & subsequent coats	m2	520.88	189.64	98779.68
54	25-10	Fabrication of heavy steel work with angle, tees, sheet iron etc for making trusses, girders etc	Tonne	3.20	288,717.50	923896.00
55	25-11	Erection and fitting in position iron trusses, staging of water tanks, etc	Tonne	3.20	17,669.27	56541.66
56	13-03-a-01	Prepare & Paint new corrugated surface, pent roofing etc : Priming coat	m2	194.89	339.85	66233.37
57	13-03-a-02	Prepare & Paint new corrugated surface, pent roofing etc : Each subsequent coat of paint	m2	389.79	243.31	94839.80
(iii) 1ST FLOOR WORKS						
58	06-07-a-01	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1:2)	m3	62.13	27,075.22	1682183.42
59	06-07-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1.5:3)	m3	257.05	22,220.48	5711774.38
60	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	58.86	306,713.50	18053156.61
61	06-47-c	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shpae - Position / Horizontal	m2	1091.01	1,166.35	1272499.51
62	06-47-b	Erection and removal of Form work with Steel Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	584.76	1,010.20	590724.55
63	06-47-d	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	531.10	1,232.79	654734.77
64	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	m3	271.65	17,664.81	4798645.64
65	07-05-a-03	1st class brick work in ground floor Cement, sand mortar 1:4	m3	11.70	18,128.70	212105.79
66	07-06-a	Add extra on item No.07-05 for brick work in First floor	m3	283.35	666.30	188796.11
67	28-18	Providing and fixing with steel nails and washers, the chicken wire mesh of approved quality, at joint of concrete and masonry work (4" wide strip) before plastering etc complete.	m2	153.35	1,000.06	153359.20
68	11-10-c	Cement plaster 3/8" thick under soffit of RCC roof slabs only upto 20' height : (1:4)	m2	320.85	499.22	160174.74
69	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	m2	3066.75	519.49	1593145.96
70	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	m2	511.34	530.25	271138.04
71	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	m2	511.34	103.50	52923.69
72	11-26	Extra for lime, mud or cement plaster & pointing from 20' & above for each additional 10' height	m2	1513.54	63.43	96003.84
73	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	m3	48.42	17,035.28	824848.26
74	10-26-c-ii	Provide & lay marble fine dressed stone flooring on surface in white cement complete: 3/4" thick 24 x 24 Sunny White Marble	m2	905.34	4,911.01	4446133.79
75	10-45-b-ii	Provide & lay marble fine dressed stone dado or skirting in white cement complete: 0.5" thick 12 x 12 Sunny White Marble	m2	158.55	2,678.53	424680.93
76	10-64	Chemical polishing of marble floor/Dado	m2	1121.35	389.64	436922.81
77	10-55-j	Providing and Fixing of Bath Room Tiles 12"x18" of approved quality	m2	180.20	2,562.82	461820.16

78	10-50-a	Providing and Fixing Ceramic Floor Tiles of approved quality of Size : 12" x 12"	m2	49.74	2,568.72	127768.13
79	10-26-e	Providing and Laying badal marble fine dressed stone 12"x48" wide 3/4" thick for stairs steps (& Window Sills & Counter Top etc.)	m2	57.46	3,431.42	197169.39
80	10-18	Extra labour for each storey above ground for mosaic, conglomerate, tiles, stone & wood floor	m2	1351.29	161.98	218881.95
81	12-70-a	Supply and Fixing MS Sheet 16 guage (10" x 2") box type chowkats including fixing in position with all charges for Hold fast, Hinges and Painting etc	m	287.42	2,139.62	614969.58
82	25-49	Providing and Fixing of Steel chowkat including GI sheet (heavy gauge) with holdfast embedded in PCC 5" to 6" wide	Kg	346.82	484.65	168086.31
83	12-08-c	First class deodar wood wrought joinery in doors and windows etc. complete : 1.5" thick	m2	107.80	30,903.75	3331424.25
84	12-48-a	Fixing Door including chowkats	Each	43.00	468.05	20126.15
85	12-58	24 SWG aluminium kick plate 4" high, on bottom rail of flush doors of commercial ply	m	87.35	385.96	33713.61
86	12-24-a-01	Extra for providing/fixing approved quality Rim locks : Imported	Each	30.00	2,548.25	76447.50
87	12-24-b-01	Extra for providing/fixing approved quality Rim locks : Imported	Each	30.00	1,090.61	32718.30
88	12-21-b	P/F hydraulic Door Closer (Best Quality)	Each	30.00	2,925.40	87762.00
89	12-73-a	Providing and fixing First class deodar wood projected beading upto one sq.inch. (6.5sq.cm.) wide in section, designed, fixed around the panels of doors, windows of any description.	m	569.51	270.73	154183.44
90	13-03-c-01	Prepare & Paint new surface, doors & windows Priming coat	m2	331.33	793.31	262847.40
91	13-03-c-02	Prepare & Paint new surface, doors & windows Each subsequent coat of paint	m2	662.65	243.31	161229.37
92	13-03-h	Extra for knotting & stopping to prime coat on new surface of wood	m2	331.33	50.29	16662.59
93	12-65-a-06	Supply and Fixing aluminium door/window, Sliding Window Premium model (2.00 mm gauge) 4" section	m2	156.41	16,369.48	2560350.37
94	12-64-a-06	Supply and Fixing aluminium door/window, Fixed Glazing Premium model (2.00 mm gauge) 4" section	m2	6.69	16,143.57	108000.48
95	25-47	Supply and fixing of fancy type stainless steel chromium plate 2" dia pipes stair railing 3/4" dia pipe fixed on specified space on steps in horizontal positions, complete in all respects	m	11.43	5,151.13	58877.42
96	25-33-a	Providing and fixing terrace railing 2" i/d conduit pipe 16 SWG, welded with 5/8" x 5/8" square bar 2.75 ft. high fixed at 5" centre to centre, in RCC slab with suitable arrangement, complete in all respects as per design and drawing.	m	68.90	4,509.98	310737.62
97	06-25-f	Providing and applying polysulphide sealant of colour in expansion joint	m	52.44	510.14	26751.74
98	28-23	Providing and fixing of 1-1/2" thick Thermopore in cavity wall, including all necessary fittings complete in all respect.	m2	248.61	409.05	101693.92
99	06-22	Providing and fixing 6" wide GI sheet 18 SWG. stopper to expansion joint.	m	159.15	581.36	92523.44
100	12-47	Supply and Fixing accoustic mineral fibre tile ceiling fixed with aluminium tee hung by GI wire fixed in roof	m2	943.22	2,520.09	2376999.29
101	13-03-i	Providing and applying 3 coats of approved type of Plastic emulsion paint to Plastic surface as per manufacture specification.	m2	3139.12	929.90	2919067.69
102	13-25-a	Preparing surface & painting with snowcem / weathershield paint : First coat	m2	234.54	344.07	80698.18
103	13-25-b	Preparing surface & painting with snowcem / weathershield paint : 2nd & subsequent coats	m2	469.07	189.64	88954.43
104	13-24	Extra labour for painting, varnishing etc from 20' height & above, for every additional 10'	m2	3622.13	17.42	63097.50
(iv) TOP FLOOR WORKS						

105	06-07-a-01	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1:2)	m3	2.29	27,075.22	62002.25
106	06-07-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1.5:3)	m3	40.91	22,220.48	909039.84
107	06-16-a	Extra labour for laying concrete (plain or reinforced) From 20' upto 40' height	m3	48.11	1,786.92	85968.72
108	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	5.84	306,713.50	1791206.84
109	06-47-c	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal	m2	44.84	1,166.35	52299.13
110	06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	20.07	1,010.20	20274.71
111	06-47-d	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	588.48	1,232.79	725472.26
112	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	m3	13.36	17,664.81	236001.86
113	07-06-b	Add extra on item No.07-05 for brick work in in Second floor	m3	13.36	1,515.08	20241.47
114	28-18	Providing and fixing with steel nails and washers, the chicken wire mesh of approved quality, at joint of concrete and masonry work (4" wide strip) before plastering etc complete.	m2	15.33	1,000.06	15330.92
115	11-10-c	Cement plaster 3/8" thick under soffit of RCC roof slabs only upto 20' height : (1:4)	m2	42.19	499.22	21062.09
116	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	m2	719.98	519.49	374022.41
117	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	m2	65.24	530.25	34593.51
118	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	m2	65.24	103.50	6752.34
119	11-26 x 2	Extra for lime, mud or cement plaster & pointing from 20' & above for each additional 10' height	m2	827.42	126.86	104966.50
120	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	m3	4.91	17,035.28	83643.22
121	25-45-a	Supplying and Fixing 18 SWG MS Sheet Door with angle iron frame (1.5"x1.5"x1/8"), bolt, hinges, paint etc complete	m2	2.60	11,557.74	30050.12
122	12-65-a-06	Supply and Fixing aluminium door/window, Sliding Window Premium model (2.00 mm gauge) 4" section	m2	2.23	16,369.48	36503.94
123	13-03-i	Providing and applying 3 coats of approved type of Plastic emulsion paint to Plastic surface as per manufacture specification.	m2	31.55	929.90	29338.35
124	13-25-a	Preparing surface & painting with snowcem / weathershield paint : First coat	m2	730.62	344.07	251384.42
125	13-25-b	Preparing surface & painting with snowcem / weathershield paint : 2nd & subsequent coats	m2	1461.25	189.64	277111.45
126	13-24 x 2	Extra labour for painting, varnishing etc from 20' height & above, for every additional 10'	m2	1492.80	34.84	52009.15
127	09-16	Khuras on roof 2'x2'x6"	Each	11.00	1,478.69	16265.59
128	09-17	Bottom khuras of brick masonry in c/s mortar 1:6,4'x2'x4.5" over 3" cem. concrete 1:4:8	Each	10.00	2,504.05	25040.50
129	09-06	Single layer of tiles 12"x6"x2" laid over 4" earth and 1" mud plaster on top of RC roof slab	m2	1070.54	2,075.27	2221659.55
130	09-06 x 6%	Add extra 6%, 15% and 23% on composite rates for 2nd, 3rd, 4th and subsequent floors respectively.	m2	30.90	124.52	3847.55

SUB TOTAL OF (S.I): 156088263.08

Add: (1.14) location factor on SI items: 21852356.83

Total Rs: 177940620

(v) NON-SCHEDULE ITEMS						
131	NSI	Supply & Fixing stainless steel 12" height outdoor signage letters fixed in Position complete in all respects, as per Design and Drawing, instructions and approval of the consultant Engineer.	Word	36.00	3,104.00	111744.00

SUB TOTAL OF (N.S.I): 111744.00

TOTAL COST OF (S.I & N.S.I): 178052363.91

(2) INTERNAL ELECTRIFICATION						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	15-02-b-02	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 3/4" i/d	m	1300.00	424.44	551772.00
2	15-02-b-03	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d	m	1750.00	435.15	761512.50
3	15-02-a-06	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 2" i/d	m	150.00	360.05	54007.50
4	15-02-b-08	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 4" i/d	m	100.00	1069.38	106938.00
5	15-50	Wiring of light/fan/call-bell point in 3/0.029" PVC insulated bare cable in PVC pipe recessed	Each	349.00	2406.52	839875.48
6	15-50/2	Wiring of light/fan/call-bell point in 3/0.029" PVC insulated bare cable in PVC pipe recessed (Point to Point)	Each	145.00	1203.26	174472.70
7	15-51	Wiring of 2/3-pin 5-Amp. plug point in 3/0.029" PVC insulated bare cable in PVC pipe recessed	Each	80.00	950.05	76004.00
8	15-05-a	Supply and Erection single core PVC insulated & copper conductor 250/440 V grade cable : 3/0.029" 1/2" i/d	m	500.00	104.92	52460.00
		Supply an Erection of single core (3*2.5mmsq) PVC insulated copper conductor cable 450/750V use for Light Circuits.				
9	15-05-c	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.029"	m	3000.00	191.88	575640.00
		Supply an Erection of single core (2*4mmsq) & (Earthing 1*2.5mmsq) PVC insulated copper conductor cable 450/750V use for Power Circuits.				
10	15-05-d	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.036"	m	1500.00	240.74	361110.00
		Supply an Erection of single core (2*6mmsq) & (Earthing 1*2.5mmsq) PVC insulated copper conductor cable 450/750V use for SPLIT AC Circuits.				
11	15-05-e	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.044"	m	400.00	384.00	153600.00
		Supply an Erection of single core PVC insulated copper cable 250/440V for Earthing System.				
12	15-07-c	Supply and Erection single core PVC insulated & sheathed copper conductor, 660/1100V cable : 19/0.064"	m	200.00	1884.81	376962.00
13	15-05-f	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.064"	m	200.00	882.81	176562.00
		Supply an Erection of single core PVC insulated copper conductor cable 250/440V Transformer to Distribution Board.				

14	15-122-h	Supply at site, installation, testing and commissioning of PVC insulated un-armoured copper conductor cable 600 / 1000 Volt grade (or otherwise mentioned in cable description) in prelaidd conduits / trenches to be installed as per routes shown on drawings including cost of all necessary materials, connections, identification tags, cables lugs properly crimped at both ends for the following sizes complete in all respects. 120sq mm , 4 core PVC/PVC stranded copper conductor cable	RMtr	90.00	25581.76	2302358.40
15	15-122-f	Supply at site, installation, testing and commissioning of PVC insulated un-armoured copper conductor cable 600 / 1000 Volt grade (or otherwise mentioned in cable description) in prelaidd conduits / trenches to be installed as per routes shown on drawings including cost of all necessary materials, connections, identification tags, cables lugs properly crimped at both ends for the following sizes complete in all respects. 50sq mm , 4 core PVC/PVC stranded copper conductor cable	RMtr	20.00	9840.44	196808.80
16	15-122-c	Supply at site, installation, testing and commissioning of PVC insulated un-armoured copper conductor cable 600 / 1000 Volt grade (or otherwise mentioned in cable description) in prelaidd conduits / trenches to be installed as per routes shown on drawings including cost of all necessary materials, connections, identification tags, cables lugs properly crimped at both ends for the following sizes complete in all respects. 16sq mm , 4 core PVC/PVC stranded copper conductor cable	RMtr	350.00	3483.82	1219337.00
		Supply & Erection of Transpower auto circuit breaker 3-phase /1- phase 400V Approved Brands complete in all respects as per Instruction of Engineer Incharge.				
17	15-71-a	Supply and Erection single phase imported auto circuit breaker 6 Amp.	Each	70.00	717.04	50192.80
18	15-71-b	Supply and Erection single phase imported auto circuit breaker 15 Amp.	Each	60.00	717.04	43022.40
19	15-71-c	Supply and Erection single phase imported auto circuit breaker 20 Amp.	Each	20.00	1013.44	20268.80
20	15-70-c	Supply and Erection transpower auto circuit breaker 3-phase, 400V fungus moisture proofing : 100 Amp.	Each	2.00	4108.99	8217.98
21	15-70-b	Supply and Erection transpower auto circuit breaker 3-phase, 400V fungus moisture proofing : 60 Amp.	Each	2.00	2342.20	4684.40
22	15-70-a	Supply and Erection transpower auto circuit breaker 3-phase, 400V fungus moisture proofing : 30 Amp.	Each	9.00	2095.20	18856.80
23	15-11-b-07	Supply & Erection of Change over switch 200 Amp	Each	1.00	18955.10	18955.10
24	15-11-b-06	Supply & Erection of Change over switch 100 Amp	Each	8.00	11545.10	92360.80
25	15-72-c	Supply and Erection of bus bars 500 volts 3 phase AC supply with 4 copper bars - 200 Amp with bar size 2"X 1/8"	Each	1.00	12567.25	12567.25
26	15-72-b	Supply and Erection of bus bars 500 volts 3 phase AC supply with 4 copper bars - 100 Amp with bar size 1 1/2" X 1/8"	Each	1.00	10612.50	10612.50
27	15-72-a	Supply and Erection of bus bars for 500 volts 3 phase AC S/W 4 copper bars 40 Amp with bar size 1 1/2" X 1/8"	Each	9.00	10581.63	95234.67
28	15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator : 56" sweep	Each	77.00	10148.81	781458.37
29	15-25	Supply and Erection girder clamp hook, 5/8" dia.for hanging ceiling fans	Each	77.00	276.06	21256.62
30	15-172	Supply and installation of Fan dimmer switch Clipcal made	Each	77.00	269.89	20781.53
31	15-77-c	Supply and fixing electric AC exhaust/fresh air circulation (Double way) 220/230 single phase plastic frame body and blade complete 12"x12"	Each	30.00	5879.57	176387.10

32	15-09-a	Supply and Erection MS sheet box of 16 SWG, 4"deep with 3/16" thick bakelite sheet top etc. complete : 3"x3" powder coated	Each	60.00	374.29	22457.40
33	15-09-b	Supply and Erection MS sheet box of 16 SWG, 4"deep with 3/16" thick bakelite sheet top etc. complete : 3"x6" powder coated	Each	30.00	486.50	14595.00
34	15-75-b	Supply and Erection cubical type factory fabricated floor/wall mounting steel main board comp. : Recessed	m2	15.00	33481.14	502217.10
35	15-166-c	Providing and fixing Door light indicator unit	No	10.00	1123.48	11234.80
36	15-194	Supply & Erection of Volt meter (heavy duty)	Each	10.00	572.46	5724.60
37	15-173	Supply and installation of Bell Press	Each	10.00	980.01	9800.10
38	15-68-f	Supply and Fixing of 24" dia Direct axial Wall Bracket fan,1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings	Each	2.00	13595.91	27191.82
39	15-55-b	Supply and erection of fancy wall type bracket with brass holder & fancy shade : Double	Each	10.00	3791.02	37910.20
40	15-36-k-02	Supply, installation, connecting, testing and commissioning of Surface mounting LED tube light with 1x2000 lumens output and fixture, complete in all respects	No	25.00	1812.56	45314.00
41	15-36-i-6	Supply, installation, testing and commissioning of IP-44 rated, 2x3 Watt up/down light LED Light, complete in all respects.	Each	10.00	5004.52	50045.20
42	15-36-i-10	Supply, installation, testing and commissioning of 1x6 Watt LED BULKHEAD light fixture, of best quality.	Each	15.00	1917.02	28755.30
43	15-127-a	Supply at site, installation, testing and commissioning of the One gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	Each	10.00	383.87	3838.70
44	15-127-b	Supply at site, installation, testing and commissioning of Two gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	Each	10.00	632.10	6321.00
45	15-127-c	Supply at site, installation, testing and commissioning of Three gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	Each	20.00	842.57	16851.40
46	15-127-d	Supply at site, installation, testing and commissioning of Four gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	Each	20.00	1027.81	20556.20
47	15-127-f	Supply at site, installation, testing and commissioning of Six gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	Each	14.00	1444.52	20223.28
48	15-127-g	Supply at site, installation, testing and commissioning of the Eight gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	Each	15.00	1863.41	27951.15
49	15-127-h	Supply at site, installation, testing and commissioning of One gang light control switches 10 Amps, 250Volts two way, including appropriate size concealed MS, powder coated back box, complete in all respects.	Each	2.00	611.11	1222.22
50	15-127-o	Supply at site, installation, testing and commissioning of Three Pin 220 V 05/10 Amp Switch socket, complete in all respects.	Each	120.00	641.77	77012.40
51	15-127-p	Supply at site, installation, testing and commissioning of Three Pin 220 V 20 Amps Switch socket, complete in all respects.	Each	25.00	715.87	17896.75
52	15-105-i	Construction of water tight brick type Grounding inspection pit.	Each	2.00	5857.13	11714.26
53	15-220-a	Supply and fixing of 40-50 Litres Electric Geyser including all accessories and fittings	no	4.00	35054.38	140217.52
54	15-220-c	Supply and fixing of 8-14 Litres Electric Geyser including all accessories and fittings	each	10.00	23939.38	239393.80
55	15-221	Supply & Erection of element for electric water heater	Each	14.00	314.28	4399.92

56	15-107	Supply, installation, testing & commissioning of Lightning Protection System	Each	1.00	118487.00	118487.00
57	15-44	Supply and Erection 1" dia & 1m long lightening conductor copper rod with 5 spikes ball & base etc.	m	7.00	4228.22	29597.54
58	15-43-a	Supply and Erection copper tape, including copper staple & copper nails/Screw etc : Size 1.5"x1/8"	m	400.00	1909.59	763836.00
59	15-42-e	Supply, installation, testing and commissioning of Air terminal or arrester	Each	7.00	14122.63	98858.41
60	15-196	Supply & Erection of TV Cable	Each	10.00	169.82	1698.20
61	15-178	Supply & Erection of TV socket	Each	10.00	547.76	5477.60
62	15-175	Supply & Erection of TV/satellite cable complete	Each	10.00	556.61	5566.10
63	15-139-k	Installation and Cabling (RG-11 Coaxial Cable through approved 3A" PVC conduit)	Meter	350.00	150.35	52622.50
64	15-219-b	Pump with motor for pressure pump (1 HP)	No	4.00	31950.25	127801.00
65	15-135-c	Supply at site, fabrication and installation of GI perforated cable tray 14 SWG 8 ft. to 10 ft. long with sides 3" high to be installed on wall, or in vertical, or above false ceiling in horizontal position or floor mounted or as shown on drawing, including cost of hanging arrangement brackets made of angle iron 38mm x 38mm x 6mm installed at every 3 ft., cost of all necessary fixing accessories, complete in all respects.	m	100.00	3724.88	372488.00
66	15-135-a	Supply at site, fabrication and installation of GI perforated cable tray 14 SWG 8 ft. to 10 ft. long with sides 3" high to be installed on wall, or in vertical, or above false ceiling in horizontal position or floor mounted or as shown on drawing, including cost of hanging arrangement brackets made of angle iron 38mm x 38mm x 6mm installed at every 3 ft., cost of all necessary fixing accessories, complete in all respects.	m	100.00	4725.68	472568.00

SUB TOTAL OF (S.I): 12746121.97

Add: (1.14) location factor on SI items: 1784457.08

Total Rs: 14530579

(ii) NON-SCHEDULE ITEMS

67	NSI	Supply and Installation of Ceiling LED DAY LIGHT 10W (4000K NATURAL WHITE) Fixture along with Driver complete in all respect and as approved by Engineer Incharge.	Each	65.00	2,125.00	138125.00
68	NSI	Supply and Installation of Ceiling LED DAY LIGHT 12W (4000K NATURAL WHITE) Fixture along with Driver complete in all respect and as approved by Engineer Incharge.	Each	5.00	2,610.00	13050.00
69	NSI	Supply and Installation of Ceiling LED DAY LIGHT 15W (4000K NATURAL WHITE) Fixture along with Driver complete in all respect and as approved by Engineer Incharge.	Each	200.00	2,992.00	598400.00
70	NSI	Supply and Installation of Ceiling LED DAY LIGHT 18W (4000K NATURAL WHITE) Fixture along with Driver complete in all respect and as approved by Engineer Incharge.	Each	65.00	5,289.00	343785.00
71	NSI	Supply and Installation of LED Surface Mounted Down LIGHT 12W (4000K NATURAL WHITE) Fixture along with Driver complete in all respect and as approved by Engineer Incharge.	Each	5.00	3,430.00	17150.00
72	NSI	Supply & Installation of Spike Planter Light Par-32 1x28 Watt complete in all respects as approved by Engineer Incharge.	Each	15.00	7,368.00	110520.00
73	NSI	Supply at site, installation, testing and commissioning of Three Pin 220 V 10/13 Amp 2 Switch socket and Telephone-Data Outlet with Box, complete in all respects as approved by Engineer Incharge.	Each	31.00	8,531.00	264461.00
74	NSI	Supply and installation of 100 watt LED Flood Light complete in all respect as approved by Engineer Incharge.	Each	8.00	15,297.00	122376.00

75	NSI	Supply and Installation of Transpower Auto Circuit Breaker 3-Phase, 250AMP Fixture along with Driver complete in all respect and as approved by Engineer Incharge.	Each	1.00	33,771.00	33771.00
76	NSI	Supply and Erection of 48 Volt Three Phase UPS for CCTV system operating backup. complete in all respect and as approved by Engineer Incharge.	Each	1.00	104,563.00	104563.00
77	NSI	Supply and Erection of 48 V Lithium Battery 100AH. complete in all respect and as approved by Engineer Incharge.	Each	1.00	500,046.00	500046.00
78	NSI	Providing & fixing of Plate type Earthing compressed with excavated hole 6" up 63 feet, GI pipe 2" (50mm) with Tees , Sockets , Endcap of 60 (RFT) Copper Plate of 1/2"x 2"x 48", 2x 70mmsq S/Core copper bare conductor 125 (Rft) Earth Connection Point of 1200 x 50 x 50mm (L x W x T) Inspection Pit of 300 x 300 x 450 mm (L x W x D) complete with all respect .	Each	2.00	170,854.00	341708.00

SUB TOTAL OF (N.S.I): 2587955.00

TOTAL COST OF (S.I & N.S.I): 17118534.05

(3) INTERNAL WATERSUPPLY						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	14-70-a	Providing and Fixing of pipe type B nikasi system including testing in all respect 110 mm	m	380.00	3131.13	1189829.40
2	14-70-b	Providing and Fixing of pipe type B nikasi system including testing in all respect 75 mm	m	350.00	1890.05	661517.50
3	14-71-a	Providing and Fixing of polydex high pressure PPR (green including testing ect complete 25 mm (including all special etc)	m	600.00	656.02	393612.00
4	14-71-b	Providing and Fixing of polydex high pressure PPR (green including testing ect complete 20 mm (including all special etc)	m	500.00	476.24	238120.00
5	14-55-a	Providing and Fixing GI pipe & including specials complete 2" dia (light)	m	200.00	2835.16	567032.00
6	14-55-b	Providing and Fixing GI pipe & including specials complete: 1.5" dia (light)	m	180.00	2344.4	421992.00
7	14-55-d	Providing and Fixing GI pipe & including specials complete 1" dia (light)	m	160.00	1408.12	225299.20
8	14-55-e	Providing and Fixing GI pipe & including specials complete: 3/4" dia (light)	m	150.00	1065.36	159804.00
9	14-01-a	Providing and Fixing glazed earthen ware WC European type of approved size excluding cost of seat & cover, complete in all respects: White	Each	13.00	16874.87	219373.31
10	14-02-b	Providing and Fixing double seat & cover only : Plastic	Each	13.00	947.76	12320.88
11	14-32-a	Providing and Fixing 'P' trap of approved quality including GI grating & PCC chamber 4" (100 mm) of cast iron (Best Quality)	Each	13.00	1515.54	19702.02
12	14-03-a	Providing and fitting glazed earthenware water closet (WC), squatter type (orisa pattern) combined with foot rest. complete in all respects : White	Each	13.00	4106.76	53387.88
13	14-10-a	Providing and Fixing glazed earthenware low down flushing cistern 3 gallons (13.63 Liters) capacity including bracket set, copper connection, etc. complete in all respects: White	Each	13.00	9091.55	118190.15
14	14-157	P-Trap (uPVC) for squatting type WC.	Each	13.00	1364.37	17736.81
15	14-104-b	Supply and Fixing of CP floor Truff Jalli with Grating 6"x6" complete	Each	62.00	926.29	57429.98
16	14-24-b	Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 1.5 cm 1/2"	Each	52.00	1756.04	91314.08
17	14-25-a	Providing and fixing chromium plated (CP) tee stop cock 1.5 cm (1/2") of approved quality	Each	78.00	1817.79	141787.62

18	14-05-b-01	Providing and Fixing glazed earthen ware wash hand basin (WHB) complete size 63x45 cm (25"x18"), including bracket set, waste coupling, complete in all respects: White with pedestal- (Normal Quality)	Each	26.00	6164.05	160265.30
19	14-27-a	Providing and fixing chromium plated (CP) mixing valve for wash hand basin (WHB), sink or shower of approved (Best) quality	Each	26.00	4003.74	104097.24
20	14-43-b	Providing and fixing waste pipe of PVC of approved quality : 1.5" (40 mm)	Each	26.00	459.29	11941.54
21	14-47-c	Providing and Fixing 1/2" dia connection including check nuts etc chromium plated (CP) connection	Each	78.00	496.77	38748.06
22	14-87	Providing and fixing Providing and Fixing of Bath accessories set (chromium plated (C) soap dish, CP toilet paper holder, towel rail, best quality looking glass 5 mm thick neatly fitted with Mirror 60 x 45 cm (24"x18") size, glazed earthenware shelf (60x13 cm) 24"x5" with chromium plated (CP) brackets & railing) complete in all respect	Each	10.00	8100.92	81009.20
23	14-86	Providing & fixing chromium plated double bib-cock with Muslim Shower of approved quality Complete in all respects.	Each	26.00	3039.57	79028.82
24	14-17-b	Providing and fixing best quality looking glass 5 mm thick neatly fitted with bracket as per instruction of Engineer In-charge complete	m2	16.00	11790.45	188647.20
25	14-18-a	Providing and fixing best quality 5mm glass shelf (60 x 13) cm 24"x5" complete: With chromium plated brackets & railing	Each	16.00	1349.98	21599.68
26	14-13	Providing and fixing chromium plated soap dish complete.	Each	16.00	1052.08	16833.28
27	14-15	Providing and Fixing CP (chromium plated) toilet paper holder complete	Each	16.00	1274.39	20390.24
28	14-16-a	Providing and Fixing chromium plated (CP) towel rail complete: 60 cm (24") long and 2 cm (3/4") dia	Each	16.00	1347.25	21556.00
29	14-177-b	Providing and Fixing Wall Shower Set 4021/4023 C.P	Each	10.00	17505.05	175050.50
30	14-26-b	Providing and fixing chromium plated (CP) shower rose : Size 3/4"x6" (20mm x 150 mm) (Best Quality)	Each	8.00	2867.53	22940.24
31	14-09	Providing and Fixing white glazed earthenware flat back urinal complete in all respects	Each	10.00	2960.03	29600.30
32	14-69-b-04	Supplying and Fixing Polyethylene Water Tank made from food grade FDA Certified raw material, 3 layers UV stablized, inert with water, anti-fungus and anti-bacterial and have a service life of more than 10 years : 1000 gallons (Vertical)	Each	4.00	63294.45	253177.80

SUB TOTAL OF (S.I): 5813334.23

Add: (1.14) location factor on SI items: 813866.79

Total Rs: 6627201

(4) SEPTIC TANK, MANHOLES & PLINTH PROTECTION						
(i) SEPTIC TANK 2 No's						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	03-09-d	Earth excavation in open cut upto 3 m depth for drains, pipes etc & disposal : in Gravel & shingle	m3	157.56	802.63	126462.38
2	03-67-c	Structural backfill using Common Material available at site.	m3	63.02	544.3	34301.79
3	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	6.26	12340.56	77251.91
4	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	m3	15.96	16554.63	264211.89
5	06-07-b-02	RCC in raft foundation slab, base slab of column & ret.wall etc, not including in 06-07-a-02 (1:1.5:3)	m3	5.44	22219.08	120871.80
6	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	0.98	306713.5	300579.23

7	06-47-d	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	10.78	1232.79	13289.48
8	06-47-c	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal	m2	35.69	1166.35	41627.03
9	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	m2	55.76	519.49	28966.76
10	11-13	Applying floating coat of cement 1/32" thick	m2	55.76	307.29	17134.49
11	10-41-a-01	Mosaic dado or skirting complete as per specs Using grey cement : 3/8" thick	m2	55.76	1852.86	103315.47
12	24-33-d	Supplying and fixing, cast iron manhole cover with frame, etc. (Heavy Type) of approved quality complete. 24" (600 mm) dia.	Each	2	4473.04	8946.08
13	24-35	Supplying and Fixing C.I. vent pipe for storage tanks including jally etc	m	18.29	420.22	7685.82
14	24-18-c-08	Providing, laying, cutting, jointing, testing and disinfecting UPVC pressure pipeline in trenches (conforming to BS 3505 manufactured) jointed with socket, elbow, tee, bend and plug bend etc. manufactured by the respective manufacturer complete as per specifications uPVC Pressure Pipes Class D (12 Bar) except excavation. 6" Nominal Pipe Size (NPS)	m	121.95	5315.4	648213.03
15	24-18-c-09	Providing, laying, cutting, jointing, testing and disinfecting UPVC pressure pipeline in trenches (conforming to BS 3505 manufactured) jointed with socket, elbow, tee, bend and plug bend etc. manufactured by the respective manufacturer complete as per specifications uPVC Pressure Pipes Class D (12 Bar) except excavation. 8" Nominal Pipe Size (NPS)	m	91.46	8354.87	764136.41

(ii) MANHOLES 10 No's

16	03-49-a	Excavation in open cut for sewers & manhole except shingle, gravel & rock : Upto 2m	m3	14.33	401.66	5755.79
17	03-67-c	Structural backfill using Common Material available at site.	m3	2.29	544.3	1246.45
18	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	1.43	12340.56	17647.00
19	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	m3	3.45	17035.28	58771.72
20	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	m3	5.84	16554.63	96679.04
21	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	m2	18.59	519.49	9657.32
22	24-33-d	Supplying and fixing, cast iron manhole cover with frame, etc. (Heavy Type) of approved quality complete. 24" (600 mm) dia.	Each	10	4473.04	44730.40

(iii) PLINTH PROTECTION

23	03-67-d	Structural Backfill using Granular Material brought from outside	m3	104.19	1909.05	198903.92
24	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	m3	52.1	13983.72	728551.81
25	10-15-h	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 3" thick	m2	342.01	2078.66	710922.51

UB TOTAL OF (S.I): 4429859.52

Add: (1.14) location factor on SI items: 620180.33

Total Rs: 5050040

(5) TELEPHONE & DATA NETWORKING SYSTEM

(i) TELEPHONE

S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
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1	15-138-a-04	Supply and Installation of 100-Pair Telephone Junction Box with back mounting frame and connection strip Recessed in wall Type where shown on drawings, made of 16 SWG M.S. Sheet with hinged door. Completed in all respects	Each	1.00	88600.5	88600.50
2	15-138-a-02	Supply and Installation of 25-Pair Telephone Junction Box with back mounting frame and connection strip Recessed in wall Type where shown on drawings, made of 16 SWG M.S. Sheet with hinged door. Completed in all respects	Each	4.00	19600.25	78401.00
3	15-136-d	Supply and erection of Cable for Voice Communication System from communication rack to each work station / outlet in 25mm PVC conduit / channel as per drawing including termination, tagging at both ends, complete in all respects	Each	50.00	7509.6	375480.00
4	15-138-i	Supply and Installation of Single Port Telephone outlet of CAT-5, 1 x RJ-45 I/Os and back box of 16 SWG, complete in all respects	Each	55.00	682.02	37511.10

(ii) DATA NETWORKING SYSTEM

S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
5	15-138-g	Supply and Erection of 3M Cat-6 Cable in 3/4", 1" pvc conduit, complete in all respect	m	600.00	698.59	419154.00
6	15-138-e-01	Supply, Installation, testing and commissioning of Single Port Data outlet of 1 x RJ-45 I/Os for Cat-6 cable and with 16 SWG back box, complete in all respects	Each	50.00	639.01	31950.50
7	15-140-a	Supply, installation, testing and commissioning of Patch Panel 12 Port Loaded with RJ-45 I/Os Suitable for CAT-VI FTP CABLE; Rack Mount, complete in all respects.	Each	4.00	4609.2	18436.80
8	15-136-e	Supply, installation, testing and commissioning of Wireless Access Point (AP); 802.11 A/G/N; DUAL BAND, complete in all respects	Each	12.00	32174.52	386094.24

SUB TOTAL OF (S.I): 1435628.14

Add: (1.14) location factor on SI items: 200987.94

Total Rs: 1636616

(6) CCTV CAMERA SYSTEM

S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	15-139-d	Supply and Installation of Indoor Dome Camera, 1/3" CCD, 550TV lines, 0.1lx (F2.0), Internal Sync., AWB / BLC / AGC Mirror On-Off Control, varifocal lens 3.6mm, Gray color case, DC12V, PAL, HDC-890P-36 completed in all respect	Each	18.00	20750.77	373513.86
2	15-139-e	Supply of Installation Indoor, Outdoor Dome IR Camera, 1/3" CCD, 530TV lines, IR LEDs, 0.1lx (F2.0), Internal Sync., AWB / BLC / AGC Mirror On-Off Control, varifocal lens 3.6mm, Gray color case, DC12V, PAL, HDC-515PI-36 completed in all respect	Each	5.00	22875.15	114375.75
3	15-138-g	Supply and Erection of 3M Cat-6 Cable in 3/4", 1" pvc conduit, complete in all respect	m	600.00	698.59	419154.00
4	15-139-f	Supply Installation of 32-Channel Digital Video Recorder, real time display 400ips and with Built-in DVD writer, XtraStor/MPEG4 compression, 1TB, HDD, SATA port with remote viewing and management software HNDR-E1648L-N-D-E, Honyewell. completed with all respect	Each	1.00	100950.5	100950.50
5	15-139-j	Supply and installation of 16 input to 01 output digital multiplexer for CCTV system complete in all respect	Each	8.00	13883	111064.00
6	15-139-l	Supply and installation of 32" LCD monitor of best quality	Each	10.00	74745.15	747451.50

SUB TOTAL OF (S.I): 1866509.61

Add: (1.14) location factor on SI items: 261311.35

(7) FIRE ALARM & FIRE FIGHTING SYSTEM						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	15-131-a	Supply, testing and commissioning of 2 core 1.5mm. Sqmm stranded copper conductor tin coated with drain PVC insulated wires 600/1000 V. grade, fire resistant, LSZH Cu Conductor to be pulled in already installed 20mm dia. heavy duty PVC conduit recessed in wall, columns, slab, floor or above false ceiling with all necessary fixing accessories as per site conditions.	Point	42.00	6441.25	270532.50
2	15-131-b	Supply, installation, testing & commissioning of Analogue Addressable Manual Call Point / Pull Station with Base and Back Box with Key UL Listed complete in all respects.	Each	10.00	9204.11	92041.10
3	15-131-c	Supply, installation, testing & commissioning of Analogue Addressable Sounder with Flasher, 24 VDC, Mounting Base and with Base and Back Box with Key UL Listed complete in all respects.	Each	12.00	18017.17	216206.04
4	15-131-d	Supply, installation, testing & commissioning of Analogue Addressable Optical Smoke Detector with Base; 24 VDC; UL LISTED, low voltage, solid state, Not Radio Active type, uni-polar and dual chamber with LED alarm indication to be installed on RCC slab, complete in all respects.	Each	40.00	13755.01	550200.40
5	15-131-e	Supply, installation, testing & commissioning of Addressable Heat Detector	Each	2.00	8172.81	16345.62
6	15-131-f	Supply, installation, testing & commissioning of Wall mounted Sounder complete in all respect .	Each	8.00	13668.56	109348.48
7	15-131-g	Supply, installation, testing & commissioning of Micro processor based Fire Alarm Control Panel, suppression consisting of loops and can address around 125points, indicating circuits, including 2x12V VDC Batteries, suppression zone built in power supply, including stand by battery, alarm and trouble indication, silence alarm and reset system, general alarm and reset system, general alarm facility, complete in all respects.	Each	1.00	325111.81	325111.81
8	14-172-a	Supplying and fixing of Dry Chemical Powder Fire Extinguisher 6Kg Capacity complete in all respect	Each	10.00	12799.56	127995.60
9	15-124-b	Supply & erection of 2 core 1.5mmsq Fire Resistant cable	Meter	250.00	391.04	97760.00
10	14-146	Fire Hose cabinet with 30 meter Hose Reel and Nozzle Complete with accessories	Each	2.00	62287.63	124575.26

SUB TOTAL OF (S.I): 1930116.81

Add: (1.14) location factor on SI items: 270216.35

Total Rs: 2200333

(8) SOUND SYSTEM						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	15-130-b	Supply, installation, testing and commissioning of Mixer Amplifier (240W); 6 MIC Input; complete in all respects.	Each	1.00	85075.55	85075.55
2	15-130-f	Supply, installation, testing & commissioning of Goose Neck Microphone	Each	8.00	20112.38	160899.04
3	15-130-h	Supply, installation, testing & commissioning of Cordless MIC with Receivers	Each	1.00	79164.01	79164.01
4	15-130-i	Supply, installation, testing & commissioning of Ceiling Mount Speakers	Each	40.00	2635.08	105403.20
5	15-130-j	Supply, installation, testing & commissioning of Wall Mount Speakers 60 watt	Each	2.00	51771.58	103543.16
6	15-130-l	Supply, installation, testing & commissioning of Column Loud Speakers	Each	1.00	23388.01	23388.01

7	15-130-m	Supplying, installation, wiring, connection of speaker cable 37/0.0076 flexible cable for Audiospeaker and pre laid 3A" PVC conduit	Meter	600.00	92.9	55740.00
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SUB TOTAL OF (S.I): 613212.97

Add: (1.14) location factor on SI items: 85849.82

Total Rs: 699063

(9) AIR CONDITIONING SYSTEM						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	26-01-p-01	Supply and Erection of INVERTER BASED SPLIT AC (01 Ton)	No	1.00	161625.3	161625.30
2	26-01-p-02	Supply and Erection of INVERTER BASED SPLIT AC (1.5 Ton)	No	11.00	217200.3	2389203.30
3	26-01-p-02	Supply and Erection of INVERTER BASED SPLIT AC (1.5 Ton)	No	1.00	217200.3	217200.30
4	25-50-a	Providing and Fixing of Steel Bracket (heavy) for Split Unit outside	Each	13.00	1399.45	18192.85

SUB TOTAL OF (S.I): 2786221.75

Add: (1.14) location factor on SI items: 390071.05

Total Rs: 3176293

(10) BERM CUTTING & RETAINING WALLS						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	03-39-b	Berm cutting : Upto 25 m lead (including dressing)	m3	4017.55	312.71	1256328.06
2	03-19-b x 17+03-20-a	Transportation of earth all types for every 15 m extra lead or part thereof beyond 250 m and upto 500 m.	m3	2410.53	467.63	1127236.14
3	03-25-d	Excavation in foundation of building, bridges etc complete : in shingle/gravel	m3	220.16	485.96	106988.95
4	03-67-c	Structural backfill using Common Material available at site.	m3	1405.23	544.3	764866.69
5	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	15.29	12340.56	188687.16
6	08-03-d-03	Random rubble masonry in ground floor in cement,sand mortar : Ratio 1:6	m3	310.36	11986.1	3720006.00
7	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	m3	10.70	13983.72	149625.80
8	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	m3	8.15	17035.28	138837.53
9	11-19-c-02	Pointing flush on stone work, upto 20' height On stone work raised : in c/s mortar 1:3	m2	204.09	775.26	158222.81
10	06-47-d	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	89.41	1232.79	110223.75
11	14-144-c	Supplying and Fixing UPVC soil waste and vent pipe class B : 3" dia	m	190.24	1751.26	333159.70
12	19-47	Filter granular backfill behind retaining wall (stone/boulder filling upto one meter to prevent choking of weep holes)	m3	35.33	2295.8	81110.61

SUB TOTAL OF (S.I): 8135293.23

Add: (1.14) location factor on SI items: 1138941.05

Total Rs: 9274234

(B) MASJID & ABLUTION						
(1) CIVIL WORK MAIN BUILDING WORKS						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
(i) SUB STRUCTURE WORKS						
1	03-25-d	Excavation in foundation of building, bridges etc complete : in shingle/gravel	m3	142.87	485.96	69429.11

2	03-18-a	Filling, watering and ramming earth under floor with surplus earth from foundation, etc	m3	85.72	133.66	11457.34
3	03-67-d	Structural Backfill using Granular Material brought from outside	m3	83.28	1,909.05	158985.68
4	28-15	Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual	m2	570.16	98.63	56234.88
5	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	11.91	12,340.56	146976.07
6	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-07-a-03 (1:2:4)	m3	52.15	19,446.34	1014126.63
7	06-07-b-02	RCC in raft foundation slab, base slab of column & ret.wall etc, not including in 06-07-a-02 (1:1.5:3)	m3	2.42	22,219.08	53770.17
8	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	m3	42.04	16,554.63	695956.65
(ii) GROUND FLOOR WORKS						
9	06-07-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1.5:3)	m3	9.34	22,220.48	207539.28
10	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:2:4)	m3	54.31	19,446.34	1056130.73
11	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	16.58	306,713.50	5085309.83
12	06-47-c	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal	m2	213.53	1,166.35	249050.72
13	06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	121.84	1,010.20	123082.77
14	06-47-d	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	290.35	1,232.79	357940.58
15	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	m3	101.66	17,664.81	1795804.58
16	28-18	Providing and fixing with steel nails and washers, the chicken wire mesh of approved quality, at joint of concrete and masonry work (4" wide strip) before plastering etc complete.	m2	46.00	1,000.06	46002.76
17	11-10-c	Cement plaster 3/8" thick under soffit of RCC roof slabs only upto 20' height : (1:4)	m2	217.88	499.22	108770.05
18	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	m2	1248.17	519.49	648411.83
19	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	13.88	12,340.56	171286.97
20	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	m3	11.95	17,035.28	203571.60
21	10-26-c-ii	Provide & lay marble fine dressed stone flooring on surface in white cement complete: 3/4" thick 24 x 24 Sunny White Marble	m2	115.28	4,911.01	566141.23
22	10-45-b-ii	Provide & lay marble fine dressed stone dado or skirting in white cement complete: 0.5" thick 12 x 12 Sunny White Marble	m2	80.69	2,678.53	216130.59
23	10-64	Chemical polishing of marble floor/Dado	m2	254.71	389.64	99245.20
24	10-55-j	Providing and Fixing of Bath Room Tiles 12"x18" of approved quality	m2	120.37	2,562.82	308486.64
25	10-50-a	Providing and Fixing Ceramic Floor Tiles of approved quality of Size : 12" x 12"	m2	46.79	2,568.72	120190.41
26	10-26-e	Providing and Laying badal marble fine dressed stone 12"x48" wide 3/4" thick for stairs steps (& Window Sills & Counter Top etc.)	m2	58.74	3,431.42	201561.61
27	12-70-a	Supply and Fixing MS Sheet 16 guage (10" x 2") box type chowkats including fixing in position with all charges for Hold fast, Hinges and Painting etc	m	82.77	2,139.62	177096.35
28	12-08-c	First class deodar wood wrought joinery in doors and windows etc. complete : 1.5" thick	m2	29.74	30,903.75	919077.53
29	12-48-a	Fixing Door including chowkats	Each	11.00	468.05	5148.55
30	12-58	24 SWG aluminium kick plate 4" high, on bottom rail of flush doors of commercial ply	m	23.17	385.96	8942.69

31	12-22-a-02	Providing and fixing sliding bolt to doors Iron sliding bolts : 12" long	Each	6.00	646.91	3881.46
32	12-73-a	Providing and fixing First class deodar wood projected beading upto one sq.inch. (6.5sq.cm.) wide in section, designed, fixed around the panels of doors, windows of any description.	m	139.02	270.73	37636.88
33	13-03-c-01	Prepare & Paint new surface, doors & windows Priming coat	m2	91.26	339.85	31014.71
34	13-03-c-02	Prepare & Paint new surface, doors & windows Each subsequent coat of paint	m2	182.53	243.31	44411.37
35	13-03-h	Extra for knotting & stopping to prime coat on new surface of wood	m2	91.26	50.29	4589.47
36	12-65-a-06	Supply and Fixing aluminium door/window, Sliding Window Premium model (2.00 mm gauge) 4" section	m2	31.97	16,369.48	523332.28
37	25-53	Providing, making and fixing of steel grill of MS pipe (2"x1") ornamental design i/c cost of painting complete.	m2	31.97	11,450.21	366063.21
38	12-28-b	Providing and fixing wooden box type wardrobe 24" (600 mm) deep including 3/4" (19mm) thick boxing and shelves hanger rods, hardboard 3/16" (5mm) thick back drawers, brass fitting, locking arrangement, handles, internal bolts, shoe rods including painting. (PVC Board 3/4" (19mm) High Gloss laminated thick Shutters and shelves and back with 3/4" thick plain laminated board)	m2	8.92	20,560.72	183401.62
39	13-03-i	Providing and applying 3 coats of approved type of Plastic emulsion paint to Plastic surface as per manufacture specification.	m2	670.92	929.90	623888.51
40	13-25-a	Preparing surface & painting with snowcem / weathershield paint : First coat	m2	754.98	344.07	259765.97
41	13-25-b	Preparing surface & painting with snowcem / weathershield paint : 2nd & subsequent coats	m2	1509.97	189.64	286350.71
42	09-16	Khuras on roof 2'x2'x6"	Each	8.00	1,478.69	11829.52
43	09-17	Bottom khuras of brick masonry in c/s mortar 1:6,4'x2'x4.5" over 3" cem. concrete 1:4:8	Each	8.00	2,504.05	20032.40
44	09-06	Single layer of tiles 12"x6"x2" laid over 4" earth and 1" mud plaster on top of RC roof slab	m2	172.40	2,075.27	357776.55

SUB TOTAL OF (S.I): 17635833.69

Add: (1.14) location factor on SI items: 2469016.72

Total Rs: 20104850

(2) INTERNAL ELECTRIFICATION						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	15-02-a-02	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 3/4" i/d	m	50.00	155.35	7767.50
2	15-02-a-03	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 1" i/d	m	180.00	188.82	33987.60
3	15-02-b-06	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 2" i/d	m	20.00	699.34	13986.80
4	15-50	Wiring of light/fan/call-bell point in 3/0.029" PVC insulated bare cable in PVC pipe recessed	Each	56.00	2406.52	134765.12
5	15-50/2	Wiring of light/fan/call-bell point in 3/0.029" PVC insulated bare cable in PVC pipe recessed (Point to Point)	Each	25.00	1203.26	30081.50
6	15-51	Wiring of 2/3-pin 5-Amp. plug point in 3/0.029" PVC insulated bare cable in PVC pipe recessed	Each	3.00	950.05	2850.15
7	15-05-a	Supply and Erection single core PVC insulated &copper conductor 250/440 V grade cable : 3/0.029" 1/2" i/d	m	100.00	104.92	10492.00
		Supply an Erection of single core (3*2.5mmsq) PVC insulated copper conductor cable 450/750V use for Light Circuits.				
8	15-05-c	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.029"	m	600.00	191.88	115128.00

		Supply an Erection of single core (2*4mm ²) & (Earthing 1*2.5mm ²) PVC insulated copper conductor cable 450/750V use for Power Circuits.				
9	15-05-d	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.036"	m	200.00	240.74	48148.00
		Supply an Erection of single core PVC insulated copper conductor cable 250/440V Transformer to Distribution Board.				
10	15-07-c	Supply and Erection single core PVC insulated & sheathed copper conductor, 660/1100V cable : 19/0.064"	m	180.00	1884.81	339265.80
		Supply & Erection of Transpower auto circuit breaker 3-phase /1- phase 400V Approved Brands complete in all respects as per Instruction of Engineer Incharge.				
11	15-71-a	Supply and Erection single phase imported auto circuit breaker 6 Amp.	Each	7.00	717.04	5019.28
12	15-71-b	Supply and Erection single phase imported auto circuit breaker 15 Amp.	Each	2.00	717.04	1434.08
13	15-70-a	Supply and Erection transpower auto circuit breaker 3-phase, 400V fungus moisture proofing : 30 Amp.	Each	2.00	2095.20	4190.40
14	15-11-a-02	Supply and Erection of iron/aluminium clad, 500V main switch Double pole : 30/35 Amp	Each	1.00	1573.55	1573.55
15	15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator : 56" sweep	Each	15.00	10148.81	152232.15
16	15-25	Supply and Erection girder clamp hook, 5/8" dia. for hanging ceiling fans	Each	15.00	276.06	4140.90
17	15-172	Supply and installation of Fan dimmer switch Clipcal made	Each	15.00	269.89	4048.35
18	15-77-c	Supply and fixing electric AC exhaust/fresh air circulation (Double way) 220/230 single phase plastic frame body and blade complete 12"x12"	Each	7.00	5879.57	41156.99
19	15-68-f	Supply and Fixing of 24" dia Direct axial Wall Bracket fan, 1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings	Each	1.00	13595.91	13595.91
20	15-09-a	Supply and Erection MS sheet box of 16 SWG, 4" deep with 3/16" thick bakelite sheet top etc. complete : 3"x3" powder coated	Each	10.00	374.29	3742.90
21	15-09-b	Supply and Erection MS sheet box of 16 SWG, 4" deep with 3/16" thick bakelite sheet top etc. complete : 3"x6" powder coated	Each	6.00	486.50	2919.00
22	15-75-b	Supply and Erection cubical type factory fabricated floor/wall mounting steel main board comp. : Recessed	m ²	1.00	33481.14	33481.14
23	15-166-c	Providing and fixing Door light indicator unit	No	2.00	1123.48	2246.96
24	15-194	Supply & Erection of Volt meter (heavy duty)	Each	2.00	572.46	1144.92
25	15-36-k-02	Supply, installation, connecting, testing and commissioning of Surface mounting LED tube light with 1x2000 lumens output and fixture, complete in all respects	No	2.00	1812.56	3625.12
26	15-36-i-10	Supply, installation, testing and commissioning of 1x6 Watt LED BULKHEAD light fixture, of best quality.	Each	4.00	1917.02	7668.08
27	15-127-d	Supply at site, installation, testing and commissioning of Four gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	Each	9.00	1027.81	9250.29
28	15-127-f	Supply at site, installation, testing and commissioning of Six gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	Each	5.00	1444.52	7222.60
29	15-127-o	Supply at site, installation, testing and commissioning of Three Pin 220 V 05/10 Amp Switch socket, complete in all respects.	Each	5.00	641.77	3208.85
30	15-127-p	Supply at site, installation, testing and commissioning of Three Pin 220 V 20 Amps Switch socket, complete in all respects.	Each	2.00	715.87	1431.74

31	15-53	Special earthing of iron/metal clad switches etc with copper wire No. 8 SWG in GI pipe 1/2" dia	Each	1.00	32397.98	32397.98
32	15-220	Supply and fixing of 50 Litres Electric Geyser	No	2.00	35117.63	70235.26
33	15-221	Supply & Erection of element for electric water heater	Each	2.00	314.28	628.56

SUB TOTAL OF (S.I): 1143067.48

Add: (1.14) location factor on SI items: 160029.45

Total Rs: 1303097

(ii) NON-SCHEDULE ITEMS

34	NSI	Supply and Installation of LED Surface Mounted Down LIGHT 10W (4000K NATURAL WHITE) Fixture along with Driver complete in all respect and as approved by Engineer Incharge.	Each	48.00	3,048.00	146304.00
35	NSI	Supply and Installation of LED Surface Mounted Down LIGHT 15W (4000K NATURAL WHITE) Fixture along with Driver complete in all respect and as approved by Engineer Incharge.	Each	10.00	4,196.00	41960.00
36	NSI	Supply and Erection Double Pole imported auto Circuit Breaker 32 Amp. complete in all respect and as approved by Engineer Incharge.	Each	1.00	3,505.00	3505.00

SUB TOTAL OF (N.S.I): 191769.00

TOTAL COST OF (S.I & N.S.I): 1494865.9272

(3) INTERNAL WATERSUPPLY

S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	14-70-a	Providing and Fixing of pipe type B nikasi system including testing in all respect 110 mm	m	40.00	3131.13	125245.20
2	14-70-b	Providing and Fixing of pipe type B nikasi system including testing in all respect 75 mm	m	30.00	1890.05	56701.50
3	14-71-a	Providing and Fixing of polydex high pressure PPR (green including testing ect complete 25 mm(including all special etc)	m	80.00	656.02	52481.60
4	14-71-b	Providing and Fixing of polydex high pressure PPR (green including testing ect complete 20 mm(including all special etc)	m	60.00	476.24	28574.40
5	24-16-b-09	Providing, laying, cutting, jointing, testing and disinfecting GI pipeline in trenches, with socket joint, using GI pipes of EN 10255 - 2004 (Medium Approved Quality) including specials etc.Complete as per specifications except excavation. 4" Nominal Pipe Size (NPS)	m	25.00	7047	176175.00
6	14-55-a	Providing and Fixing GI pipe & including specials complete 2" dia (light)	m	50.00	2835.16	141758.00
7	14-55-d	Providing and Fixing GI pipe & including specials complete 1" dia (light)	m	40.00	1408.12	56324.80
8	14-03-a	Providing and fitting glazed earthenware water closet (WC), squatter type (orisa pattern) combined with foot rest. complete in all respects : White	Each	8.00	4106.76	32854.08
9	14-10-a	Providing and Fixing glazed earthenware low down flushing cistern 3 gallons (13.63 Liters) capacity including bracket set, copper connection, etc. complete in all respects: White	Each	8.00	9091.55	72732.40
10	14-157	P-Trap (uPVC) for squatting type WC.	Each	8.00	1364.37	10914.96
11	14-104-b	Supply and Fixing of CP floor Truff Jalli with Grating 6"x6" complete	Each	12.00	926.29	11115.48
12	14-24-b	Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 1.5 cm 1/2"	Each	8.00	1756.04	14048.32
13	14-25-a	Providing and fixing chromium plated (CP) tee stop cock 1.5 cm (1/2") of approved quality	Each	16.00	1817.79	29084.64
14	14-05-a-05	Providing and Fixing glazed earthen ware wash hand basin (WHB) complete size 56x40 cm (22"x16"), including bracket set, waste coupling, complete in all respects: White with pedestal (Normal Quality)	Each	4.00	5116.13	20464.52

15	14-27-a	Providing and fixing chromum plated (CP) mixing valve for wash hand basin (WHB), sink or shower of approved (Best) quality	Each	12.00	4003.74	48044.88
16	14-43-b	Providing and fixing waste pipe of PVC of approved quality : 1.5" (40 mm)	Each	4.00	459.29	1837.16
17	14-17-b	Providing and fixing best quality looking glass 5 mm thick neatly fitted with bracket as per instruction of Engineer In-charge complete	m2	3.00	11790.45	35371.35
18	14-13	Providing and fixing choricum plated soap dish complete.	Each	8.00	1052.08	8416.64
19	14-15	Providing and Fixing CP (chromium plated) toilet paper holder complete	Each	8.00	1274.39	10195.12
20	14-47-c	Providing and Fixing 1/2" dia connection including check nuts etc chromum plated (CP) connection	Each	16.00	496.77	7948.32
21	14-86	Providing & fixing chromium plated double bib-cock with Muslim Shower of approved quality Complete is all respects.	Each	8.00	3039.57	24316.56
22	14-26-b	Providing and fixing chromum plated (CP) shower rose : Size 3/4"x6" (20mm x 150 mm) (Best Quality)	Each	8.00	2867.53	22940.24
23	14-69-b-05	Supplying and Fixing Polyethylene Water Tank made from food grade FDA Certified raw material, 3 layers UV stablized, inert with water,anti-fungus and anti-bacterial and have a service life of more than 10 years : 1500 gallons (Vertical)	Each	1.00	91023.26	91023.26

SUB TOTAL OF (S.I): 1078568.43

Add: (1.14) location factor on SI items: 150999.58

Total Rs: 1229568

(4) BERM CUTTING, SEPTIC TANK & MANHOLES						
(i) BERM CUTTING						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	03-39-b	Berm cutting : Upto 25 m lead (including dressing)	m3	226.5	312.71	70828.82
2	03-19-b x 17+03-20-a	Transportation of earth all types for every 15 m extra lead or part thereof beyond 250 m and upto 500 m.	m3	226.5	467.63	105918.20
(ii) SEPTIC TANK 1 No						
3	03-09-d	Earth excavation in open cut upto 3 m depth for drains, pipes etc & disposal : in Gravel & shingle	m3	50.28	802.63	40356.24
4	03-67-c	Structural backfill using Common Material	m3	105.05	544.3	57178.72
5	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	2.34	12340.56	28876.91
6	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	m3	5.59	16554.63	92540.38
7	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-07-a-03 (1:2:4)	m3	1.98	19446.34	38503.75
8	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	0.36	306713.5	110416.86
9	06-47-d	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	4.65	1232.79	5732.47
10	06-47-c	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shpae - Position / Horizontal	m2	13.01	1166.35	15174.21
11	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	m2	19.52	519.49	10140.44
12	11-13	Applying floating coat of cement 1/32" thick	m2	19.52	307.29	5998.30
13	10-41-a-01	Mosaic dado or skirting complete as per specs Using grey cement : 3/8" thick	m2	19.52	1852.86	36167.83
14	24-33-d	Supplying and fixing, cast iron manhole cover with frame, etc. (Heavey Type) of approved quality complete. 24" (600 mm) dia.	Each	1	4473.04	4473.04
15	24-35	Supplying and Fixing C.I. vent pipe for storage tanks including jally etc	m	9.15	420.22	3845.01

16	24-18-c-06	Providing, laying, cutting, jointing, testing and disinfecting UPVC pressure pipeline in trenches (conforming to BS 3505 manufactured) jointed with socket, elbow, tee, bend and plug bend etc. manufactured by the respective manufacturer complete as per specifications uPVC Pressure Pipes Class D (12 Bar) except excavation. 4" Nominal Pipe Size (NPS)	m	30.49	2489.69	75910.65
17	24-18-c-08	Providing, laying, cutting, jointing, testing and disinfecting UPVC pressure pipeline in trenches (conforming to BS 3505 manufactured) jointed with socket, elbow, tee, bend and plug bend etc. manufactured by the respective manufacturer complete as per specifications uPVC Pressure Pipes Class D (12 Bar) except excavation. 6" Nominal Pipe Size (NPS)	m	30.49	5315.4	162066.55
(iii) MANHOLES 6 No's						
18	03-49-a	Excavation in open cut for sewers & manhole except shingle, gravel & rock : Upto 2m	m3	8.6	401.66	3454.28
19	03-67-c	Structural backfill using Common Material	m3	1.38	544.3	751.13
20	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	0.14	12340.56	1727.68
21	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	m3	2.07	17035.28	35263.03
22	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	m3	3.5	16554.63	57941.21
23	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	m2	11.15	519.49	5792.31
24	24-33-d	Supplying and fixing, cast iron manhole cover with frame, etc. (Heavy Type) of approved quality complete. 24" (600 mm) dia.	Each	6	4473.04	26838.24

SUB TOTAL OF (S.I): 995896.25
Add: (1.14) location factor on SI items: 139425.48
Total Rs: 1135322

(5) SOUND SYSTEM						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	15-130-b	Supply, installation, testing and commissioning of Mixer Amplifier (240W); 6 MIC Input; complete in all respects.	Each	1.00	85075.55	85075.55
2	15-130-f	Supply, installation, testing & commissioning of Goose Neck Microphone	Each	2.00	20112.38	40224.76
3	15-130-h	Supply, installation, testing & commissioning of Cordless MIC with Receivers	Each	1.00	79164.01	79164.01
4	15-130-i	Supply, installation, testing & commissioning of Ceiling Mount Speakers	Each	2.00	2635.08	5270.16
5	15-130-j	Supply, installation, testing & commissioning of Wall Mount Speakers 60 watt	Each	2.00	51771.58	103543.16
6	15-130-l	Supply, installation, testing & commissioning of Column Loud Speakers	Each	2.00	23388.01	46776.02
7	15-130-m	Supplying, installation, wiring, connection of speaker cable 37/0.0076 flexible cable for Audiospeaker and pre laid 3A" PVC conduit	Meter	600.00	92.9	55740.00

SUB TOTAL OF (S.I): 415793.66
Add: (1.14) location factor on SI items: 58211.11
Total Rs: 474005

(C) GUARD ROOM & WATCH TOWER						
(1) CIVIL WORK MAIN BUILDING WORKS						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
(i) SUB STRUCTURE WORKS						

1	03-25-d	Excavation in foundation of building, bridges etc complete : in shingle/gravel	m3	42.55	485.96	20677.60
2	03-18-a	Filling, watering and ramming earth under floor with surplus earth from foundation, etc	m3	25.53	133.66	3412.34
3	03-67-d	Structural Backfill using Granular Material brought from outside	m3	11.18	1,909.05	21343.18
4	28-15	Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual	m2	177.94	98.63	17550.22
5	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	3.55	12,340.56	43808.99
6	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-07-a-03 (1:2:4)	m3	14.55	19,446.34	282944.25
7	06-07-b-02	RCC in raft foundation slab, base slab of column & ret.wall etc, not including in 06-07-a-02 (1:1.5:3)	m3	0.51	22,219.08	11331.73
8	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	m3	13.62	16,554.63	225474.06
(ii) GROUND FLOOR WORKS						
9	06-07-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1.5:3)	m3	2.38	22,220.48	52884.74
10	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:2:4)	m3	20.58	19,446.34	400205.68
11	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	5.32	306,713.50	1631715.82
12	06-47-c	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal	m2	69.90	1,166.35	81527.87
13	06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	37.92	1,010.20	38306.78
14	06-47-d	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	120.65	1,232.79	148736.11
15	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	m3	26.87	17,664.81	474653.44
16	28-18	Providing and fixing with steel nails and washers, the chicken wire mesh of approved quality, at joint of concrete and masonry work (4" wide strip) before plastering etc complete.	m2	15.33	1,000.06	15330.92
17	11-10-c	Cement plaster 3/8" thick under soffit of RCC roof slabs only upto 20' height : (1:4)	m2	61.10	499.22	30502.34
18	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	m2	187.49	519.49	97399.18
19	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	m2	128.22	530.25	67988.66
20	11-26	Extra for lime, mud or cement plaster & pointing from 20' & above for each additional 10' height	m2	128.22	63.43	8132.99
21	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	1.86	12,340.56	22953.44
22	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	m3	2.14	17,035.28	36455.50
23	10-26-c-ii	Provide & lay marble fine dressed stone flooring on surface in white cement complete: 3/4" thick 24 x 24 Sunny White Marble	m2	33.05	4,911.01	162308.88
24	10-45-b-ii	Provide & lay marble fine dressed stone dado or skirting in white cement complete: 0.5" thick 12 x 12 Sunny White Marble	m2	6.63	2,678.53	17758.65
25	10-55-j	Providing and Fixing of Bath Room Tiles 12"x18" of approved quality	m2	26.45	2,562.82	67786.59
26	10-50-a	Providing and Fixing Ceramic Floor Tiles of approved quality of Size : 12" x 12"	m2	4.58	2,568.72	11764.74
27	10-26-e	Providing and Laying badal marble fine dressed stone 12"x48" wide 3/4" thick for stairs steps	m2	21.85	3,431.42	74976.53
28	10-26-f	Providing and Laying marble fine dressed stone 2-7 feet and 12" to 18" wide 1" thick for stairs steps (Window Sills etc.)	m2	3.16	3,431.42	10843.29

29	10-38-a	Providing and Laying 1" Thick Super White Marble Slab Exceeding 12"x12" size Kitchen Top in White Cement including all labour for Grinding and Polishing.	m2	1.12	9,969.96	11166.36
30	12-70-a	Supply and Fixing MS Sheet 16 guage (10" x 2") box type chowkats including fixing in position with all charges for Hold fast, Hinges and Painting etc	m	19.66	2,139.62	42064.93
31	25-49	Providing and Fixing of Steel chowkat including GI sheet (heavy gauge) with holdfast embedded in PCC 5" to 6" wide	Kg	43.35	484.65	21009.58
32	12-08-c	First class deodar wood wrought joinery in doors and windows etc. complete : 1.5" thick	m2	8.46	30,903.75	261445.73
33	12-48-a	Fixing Door including chowkats	Each	4.00	468.05	1872.20
34	12-58	24 SWG aluminium kick plate 4" high, on bottom rail of flush doors of commercial ply	m	7.93	385.96	3060.66
35	12-24-a-01	Extra for providing/fixing approved quality Rim locks : Imported	Each	4.00	2,548.25	10193.00
36	12-24-b-01	Extra for providing/fixing approved quality Rim locks : Imported	Each	4.00	1,090.61	4362.44
37	12-73-a	Providing and fixing First class deodar wood projected beading upto one sq.inch. (6.5sq.cm.) wide in section, designed, fixed around the panels of doors, windows of any description.	m	42.07	270.73	11389.61
38	13-03-c-01	Prepare & Paint new surface, doors & windows Priming coat	m2	35.48	339.85	12057.88
39	13-03-c-02	Prepare & Paint new surface, doors & windows Each subsequent coat of paint	m2	70.96	243.31	17265.28
40	13-03-h	Extra for knotting & stopping to prime coat on new surface of wood	m2	35.48	50.29	1784.29
41	12-65-a-06	Supply and Fixing aluminium door/window, Sliding Window Premium model (2.00 mm gauge) 4" section	m2	9.48	16,369.48	155182.67
42	12-28-b	Providing and fixing wooden box type wardrobe 24" (600 mm) deep including 3/4" (19mm) thick boxing and shelves hanger rods, hardboard 3/16" (5mm) thick back drawers, brass fitting, locking arrangement, handles, internal bolts, shoe rods including painting. (PVC Board 3/4" (19mm) High Gloss laminated thick Shutters and shelves and back with 3/4" thick plain laminated board)	m2	5.70	20,560.72	117196.10
43	12-78-a	Kitchen Floor Cabinet as per approved Design/Specification..	m2	1.86	15,447.50	28732.35
44	12-78-b	Kitchen Wall Cabinet as per approved Design/Specification.	m2	1.49	14,159.98	21098.37
45	25-47	Supply and fixing of fancy type stainless steel chromium plate 2" dia pipes stair railing 3/4" dia pipe fixed on specified space on steps in horizontal positions, complete in all respects	m	9.30	5,151.13	47905.51
46	13-03-i	Providing and applying 3 coats of approved type of Plastic emulsion paint to Plastic surface as per manufacture specification.	m2	193.60	929.90	180028.64
47	13-25-a	Preparing surface & painting with snowcem / weathershield paint : First coat	m2	4.51	344.07	1551.76
48	13-25-b	Preparing surface & painting with snowcem / weathershield paint : 2nd & subsequent coats	m2	9.01	189.64	1708.66
(iii) 1ST FLOOR WORKS						
49	06-07-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1.5:3)	m3	1.13	22,220.48	25109.14
50	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:2:4)	m3	13.11	19,446.34	254941.52
51	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	2.28	306,713.50	699306.78
52	06-47-c	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shpae - Position / Horizontal	m2	71.33	1,166.35	83195.75
53	06-47-b	Erection and removal of Form work with Steel Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	14.87	1,010.20	15021.67

54	06-47-d	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	23.16	1,232.79	28551.42
55	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	m3	17.12	17,664.81	302421.55
56	07-06-a	Add extra on item No.07-05 for brick work in First floor	m3	17.12	666.30	11407.06
57	28-18	Providing and fixing with steel nails and washers, the chicken wire mesh of approved quality, at joint of concrete and masonry work (4" wide strip) before plastering etc complete.	m2	9.20	1,000.06	9200.55
58	11-10-c	Cement plaster 3/8" thick under soffit of RCC roof slabs only upto 20' height : (1:4)	m2	36.69	499.22	18316.38
59	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	m2	97.71	519.49	50759.37
60	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	m2	75.23	530.25	39890.71
61	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	m2	75.23	103.50	7786.31
62	11-26	Extra for lime, mud or cement plaster & pointing from 20' & above for each additional 10' height	m2	94.33	63.43	5983.35
63	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	m3	0.92	17,035.28	15672.46
64	10-26-c-ii	Provide & lay marble fine dressed stone flooring on surface in white cement complete: 3/4" thick 24 x 24 Sunny White Marble	m2	18.11	4,911.01	88938.39
65	10-45-b-ii	Provide & lay marble fine dressed stone dado or skirting in white cement complete: 0.5" thick 12 x 12 Sunny White Marble	m2	3.72	2,678.53	9964.13
66	10-26-f	Providing and Laying marble fine dressed stone 2-7 feet and 12" to 18" wide 1" thick for stairs steps (Window Sills etc.)	m2	2.79	3,431.42	9573.66
67	10-18	Extra labour for each storey above ground for mosaic, conglomerate, tiles, stone & wood floor	m2	24.62	161.98	3987.95
68	12-70-a	Supply and Fixing MS Sheet 16 guage (10" x 2") box type chowkats including fixing in position with all charges for Hold fast, Hinges and Painting etc	m	6.55	2,139.62	14014.51
69	12-08-c	First class deodar wood wrought joinery in doors and windows etc. complete : 1.5" thick	m2	2.28	30,903.75	70460.55
70	12-48-a	Fixing Door including chowkats	Each	1.00	468.05	468.05
71	12-58	24 SWG aluminium kick plate 4" high, on bottom rail of flush doors of commercial ply	m	2.13	385.96	822.09
72	12-24-a-01	Extra for providing/fixing approved quality Rim locks : Imported	Each	1.00	2,548.25	2548.25
73	12-24-b-01	Extra for providing/fixing approved quality Rim locks : Imported	Each	1.00	1,090.61	1090.61
74	12-73-a	Providing and fixing First class deodar wood projected beading upto one sq.inch. (6.5sq.cm.) wide in section, designed, fixed around the panels of doors, windows of any description.	m	10.67	270.73	2888.69
75	11-20-a	Priming coat of chalk under distemper	m2	121.50	44.04	5350.86
76	11-21-a-03	Distemping New surface : Three coats	m2	121.50	231.95	28181.93
77	13-25-a	Preparing surface & painting with snowcem / weathershield paint : First coat	m2	12.89	344.07	4435.06
78	13-25-b	Preparing surface & painting with snowcem / weathershield paint : 2nd & subsequent coats	m2	25.79	189.64	4890.82
79	13-24	Extra labour for painting, varnishing etc from 20' height & above, for every additional 10'	m2	147.29	17.42	2565.79
80	09-16	Khuras on roof 2'x2'x6"	Each	2.00	1,478.69	2957.38
81	09-17	Bottom khuras of brick masonry in c/s mortar 1:6,4'x2'x4.5" over 3" cem. concrete 1:4:8	Each	2.00	2,504.05	5008.10
82	09-06	Single layer of tiles 12"x6"x2" laid over 4" earth and 1" mud plaster on top of RC roof slab	m2	54.28	2,075.27	112645.66

SUB TOTAL OF (S.I): 6968207.00

Add: (1.14) location factor on SI items: 975548.98

Total Rs: 7943756

(2) INTERNAL ELECTRIFICATION						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	15-02-a-02	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 3/4" i/d	m	50.00	155.35	7767.50
2	15-02-a-03	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 1" i/d	m	80.00	188.82	15105.60
3	15-02-a-06	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 2" i/d	m	30.00	360.05	10801.50
4	15-50	Wiring of light/fan/call-bell point in 3/0.029" PVC insulated bare cable in PVC pipe recessed	Each	30.00	2406.52	72195.60
5	15-50/2	Wiring of light/fan/call-bell point in 3/0.029" PVC insulated bare cable in PVC pipe recessed (Point to Point)	Each	9.00	1203.26	10829.34
6	15-51	Wiring of 2/3-pin 5-Amp. plug point in 3/0.029" PVC insulated bare cable in PVC pipe recessed	Each	2.00	950.05	1900.10
7	15-05-a	Supply and Erection single core PVC insulated & copper conductor 250/440 V grade cable : 3/0.029" 1/2" i/d	m	100.00	104.92	10492.00
		Supply an Erection of single core (3*2.5mmsq) PVC insulated copper conductor cable 450/750V use for Light Circuits.				
8	15-05-c	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.029"	m	200.00	191.88	38376.00
		Supply an Erection of single core (2*4mmsq) & (Earthing 1*2.5mmsq) PVC insulated copper conductor cable 450/750V use for Power Circuits.				
9	15-05-d	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.036"	m	100.00	240.74	24074.00
		Supply an Erection of Four core PVC insulated copper conductor cable 250/440V Transformer to Distribution Board.				
10	15-07-a	Supply and Erection single core PVC insulated & sheathed copper conductor, 660/1100V cable : 7/0.064"	m	60.00	860.72	51643.20
		Supply & Erection of Transpower auto circuit breaker 3-phase /1- phase 400V Approved Brands complete in all respects as per Instruction of Engineer Incharge.				
11	15-71-a	Supply and Erection single phase imported auto circuit breaker 6 Amp.	Each	4.00	717.04	2868.16
12	15-71-b	Supply and Erection single phase imported auto circuit breaker 15 Amp.	Each	1.00	717.04	717.04
13	15-71-c	Supply and Erection single phase imported auto circuit breaker 20 Amp.	Each	1.00	1013.44	1013.44
14	15-11-a-02	Supply and Erection of iron/aluminium clad, 500V main switch Double pole : 30/35 Amp	Each	1.00	1573.55	1573.55
15	15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator : 56" sweep	Each	4.00	10148.81	40595.24
16	15-25	Supply and Erection girder clamp hook, 5/8" dia. for hanging ceiling fans	Each	4.00	276.06	1104.24
17	15-172	Supply and installation of Fan dimmer switch Clipcal made	Each	4.00	269.89	1079.56
18	15-77-c	Supply and fixing electric AC exhaust/fresh air circulation (Double way) 220/230 single phase plastic frame body and blade complete 12"x12"	Each	1.00	5879.57	5879.57
19	15-09-a	Supply and Erection MS sheet box of 16 SWG, 4" deep with 3/16" thick bakelite sheet top etc. complete : 3"x3" powder coated	Each	5.00	374.29	1871.45
20	15-09-b	Supply and Erection MS sheet box of 16 SWG, 4" deep with 3/16" thick bakelite sheet top etc. complete : 3"x6" powder coated	Each	4.00	486.50	1946.00
21	15-75-b	Supply and Erection cubical type factory fabricated floor/wall mounting steel main board comp. : Recessed	m2	0.50	33481.14	16740.57
22	15-166-c	Providing and fixing Door light indicator unit	No	1.00	1123.48	1123.48

23	15-194	Supply & Erection of Volt meter (heavy duty)	Each	1.00	572.46	572.46
24	15-173	Supply and installation of Bell Press	Each	1.00	980.01	980.01
25	15-36-k-02	Supply, installation, connecting, testing and commissioning of Surface mounting LED tube light with 1x2000 lumens output and fixture, complete in all respects	No	1.00	1812.56	1812.56
26	15-36-i-10	Supply, installation, testing and commissioning of 1x6 Watt LED BULKHEAD light fixture, of best quality.	Each	4.00	1917.02	7668.08
27	15-127-a	Supply at site, installation, testing and commissioning of the One gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	Each	1.00	383.87	383.87
28	15-127-b	Supply at site, installation, testing and commissioning of Two gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	Each	1.00	632.10	632.10
29	15-127-d	Supply at site, installation, testing and commissioning of Four gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	Each	2.00	1027.81	2055.62
30	15-127-f	Supply at site, installation, testing and commissioning of Six gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects.	Each	2.00	1444.52	2889.04
31	15-127-o	Supply at site, installation, testing and commissioning of Three Pin 220 V 05/10 Amp Switch socket, complete in all respects.	Each	2.00	641.77	1283.54
32	15-127-p	Supply at site, installation, testing and commissioning of Three Pin 220 V 20 Amps Switch socket, complete in all respects.	Each	1.00	715.87	715.87
33	15-53	Special earthing of iron/metal clad switches etc with copper wire No. 8 SWG in GI pipe 1/2" dia	Each	1.00	32397.98	32397.98
34	15-220-b	Supply and fixing of 15-25 Litres Electric Geyser including all accessories and fittings	each	1.00	32584.30	32584.30
35	15-221	Supply & Erection of element for electric water heater	Each	1.00	314.28	314.28

SUB TOTAL OF (S.I): 403986.85
Add: (1.14) location factor on SI items: 56558.16
Total Rs: 460545

(ii) NON-SCHEDULE ITEMS

36	NSI	Supply and Installation of LED Surface Mounted Down LIGHT 10W (4000K NATURAL WHITE) Fixture along with Driver complete in all respect and as approved by Engineer Incharge.	Each	18.00	3,048.00	54864.00
37	NSI	Supply and Erection Double Pole imported auto Circuit Breaker 32 Amp. complete in all respect and as approved by Engineer Incharge.	Each	1.00	3,435.00	3435.00

SUB TOTAL OF (N.S.I): 58299.00
TOTAL COST OF (S.I & N.S.I): 518844.0090

(3) INTERNAL WATERSUPPLY

S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	14-70-a	Providing and Fixing of pipe type B nikasi system including testing in all respect 110 mm	m	15.00	3131.13	46966.95
2	14-70-b	Providing and Fixing of pipe type B nikasi system including testing in all respect 75 mm	m	10.00	1890.05	18900.50
3	14-71-a	Providing and Fixing of polydex high pressure PPR (green including testing ect complete 25 mm(including all special etc)	m	15.00	656.02	9840.30
4	14-71-b	Providing and Fixing of polydex high pressure PPR (green including testing ect complete 20 mm(including all special etc)	m	10.00	476.24	4762.40
5	14-55-d	Providing and Fixing GI pipe & including specials complete 1" dia (light)	m	30.00	1408.12	42243.60

6	14-55-e	Providing and Fixing GI pipe & including specials complete: 3/4" dia (light)	m	20.00	1065.36	21307.20
7	14-03-a	Providing and fitting glazed earthenware water closet (WC), squatting type (orisa pattern) combined with foot rest. complete in all respects : White	Each	1.00	4106.76	4106.76
8	14-10-a	Providing and Fixing glazed earthenware low down flushing cistern 3 gallons (13.63 Liters) capacity including bracket set, copper connection, etc. complete in all respects: White	Each	1.00	9091.55	9091.55
9	14-157	P-Trap (uPVC) for squatting type WC.	Each	1.00	1364.37	1364.37
10	14-104-b	Supply and Fixing of CP floor Truff Jalli with Grating 6"x6" complete	Each	2.00	926.29	1852.58
11	14-24-b	Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 1.5 cm 1/2"	Each	2.00	1756.04	3512.08
12	14-25-a	Providing and fixing chromium plated (CP) tee stop cock 1.5 cm (1/2") of approved quality	Each	5.00	1817.79	9088.95
13	14-05-b-01	Providing and Fixing glazed earthen ware wash hand basin (WHB) complete size 63x45 cm (25"x18"), including bracket set, waste coupling, complete in all respects: White with pedestal- (Normal Quality)	Each	1.00	6164.05	6164.05
14	14-27-a	Providing and fixing chromium plated (CP) mixing valve for wash hand basin (WHB), sink or shower of approved (Best) quality	Each	2.00	4003.74	8007.48
15	14-43-b	Providing and fixing waste pipe of PVC of approved quality : 1.5" (40 mm)	Each	2.00	459.29	918.58
16	14-47-c	Providing and Fixing 1/2" dia connection including check nuts etc chromium plated (CP) connection	Each	6.00	496.77	2980.62
17	14-87	Providing and fixing Providing and Fixing of Bath accessories set (chromium plated (C) soap dish, CP toilet paper holder, towel rail, best quality looking glass 5 mm thick neatly fitted with Mirror 60 x 45 cm (24"x18") size, glazed earthenware shelf (60x13 cm) 24"x5" with chromium plated (CP) brackets & railing) complete in all respect	Each	1.00	8100.92	8100.92
18	14-86	Providing & fixing chromium plated double bib-cock with Muslim Shower of approved quality Complete in all respects.	Each	1.00	3039.57	3039.57
19	14-26-b	Providing and fixing chromium plated (CP) shower rose : Size 3/4"x6" (20mm x 150 mm) (Best Quality)	Each	1.00	2867.53	2867.53
20	14-06-b	Providing and fixing stainless steel sink with drain board size (90x45 cm) 36"x18" including set of brackets, waste pipe etc (Best Quality)	Each	1.00	9406.3	9406.30
21	14-69-b-03	Supplying and Fixing Polyethylene Water Tank made from food grade FDA Certified raw material, 3 layers UV stabilized, inert with water, anti-fungus and anti-bacterial and have a service life of more than 10 years : 500 gallons (Vertical)	Each	1.00	41544.64	41544.64

SUB TOTAL OF (S.I): 256066.93

Add: (1.14) location factor on SI items: 35849.37

Total Rs: 291916

(4) SEWERAGE LINE, MANHOLES & PLINTH PROTECTION						
(i) SEWERAGE LINE						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	03-09-d	Earth excavation in open cut upto 3 m depth for drains, pipes etc & disposal : in Gravel & shingle	m3	9.56	802.63	7673.14
2	03-67-c	Structural backfill using Common Material available at site.	m3	3.82	544.3	2079.23

3	24-18-c-05	Providing, laying, cutting, jointing, testing and disinfecting UPVC pressure pipeline in trenches (conforming to BS 3505 manufactured) jointed with socket, elbow, tee, bend and plug bend etc. manufactured by the respective manufacturer complete as per specifications uPVC Pressure Pipes Class D (12 Bar) except excavation. 3" Nominal Pipe Size (NPS)	m	15.24	1440.16	21948.04
4	24-18-c-06	Providing, laying, cutting, jointing, testing and disinfecting UPVC pressure pipeline in trenches (conforming to BS 3505 manufactured) jointed with socket, elbow, tee, bend and plug bend etc. manufactured by the respective manufacturer complete as per specifications uPVC Pressure Pipes Class D (12 Bar) except excavation. 4" Nominal Pipe Size (NPS)	m	30.49	2489.69	75910.65

(ii) MANHOLES 4 No

5	03-49-a	Excavation in open cut for sewers & manhole except shingle, gravel & rock : Upto 2m	m3	5.73	401.66	2301.51
6	03-67-c	Structural backfill using Common Material available at site.	m3	0.92	544.3	500.76
7	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	0.14	12340.56	1727.68
8	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	m3	1.38	17035.28	23508.69
9	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	m3	2.34	16554.63	38737.83
10	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	m2	7.43	519.49	3859.81
11	24-33-d	Supplying and fixing, cast iron manhole cover with frame, etc. (Heavy Type) of approved quality complete. 24" (600 mm) dia.	Each	4.00	4473.04	17892.16

(iii) PLINTH PROTECTION

12	03-67-d	Structural Backfill using Granular Material brought from outside	m3	10.36	1909.05	19777.76
13	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	m3	5.18	13983.72	72435.67
14	10-15-h	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 3" thick	m2	34.01	2078.66	70695.23

SUB TOTAL OF (S.I): 359048.15

Add: (1.14) location factor on SI items: 50266.74

Total Rs: 409315

(5) BOUNDARY WALLS

S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
(i) SUB STRUCTURE WORKS						
1	03-25-d	Excavation in foundation of building, bridges etc complete : in shingle/gravel	m3	537.66	485.96	261281.25
2	03-67-c	Structural backfill using Common Material available at site.	m3	376.36	544.30	204852.75
3	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	37.34	12,340.56	460796.51
4	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-07-a-03 (1:2:4)	m3	126.54	19,446.34	2460739.86
5	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	m3	119.89	16,554.63	1984734.59
(ii) SUPER STRUCTURE WORKS						
6	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:2:4)	m3	117.43	19,446.34	2283583.71
7	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Ton	36.35	306,713.50	11149035.73

8	06-47-c	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal	m2	227.98	1,166.35	265904.47
9	06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	953.53	1,010.20	963256.01
10	06-46-b	Erection and removal of Form work with Wood Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	825.04	762.91	629431.27
11	07-07-a-04	1st class brick work other than building upto 10 ft. height : Cement, sand mortar 1:5	m3	377.65	17,262.75	6519277.54
12	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	m3	27.32	17,035.28	465403.85
13	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	m2	4261.86	519.49	2213993.65
14	11-30-b	Provide grooved c/s plaster 1:3 over existing plastered & roughened surface 1/2" thick	m2	1239.47	502.46	622784.10
15	11-30-d	Extra labour for Design plaster including cost of scaffolding up to any height complete in all respects.	m2	1239.47	67.75	83974.09
16	13-25-a	Preparing surface & painting with snowcem / weathershield paint : First coat	m2	4261.86	344.07	1466378.17
17	13-25-b	Preparing surface & painting with snowcem / weathershield paint : 2nd & subsequent coats	m2	8523.72	189.64	1616438.26
18	25-60-c	Supply and fixing razor wire (2'-0" dia) consisting of 1-1/2"X1-1/2"X3/16" angle iron Y post 2'-6" long 6' to 8' center to center fixed with bolt anchorage, at top of boundary wall including painting posts etc. Complete in all respects.	m	643.29	1,688.15	1085970.01

SUB TOTAL OF (S.I): 34737835.81

Add: (1.14) location factor on SI items: 4863297.01

Total Rs: 39601133

(6) MAIN ENTRANCE GATE						
S.NO	(MRS-2025)	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
(i) SUB STRUCTURE WORKS						
1	03-25-d	Excavation in foundation of building, bridges etc complete : in shingle/gravel	m3	54.36	485.96	26416.79
2	03-67-c	Structural backfill using Common Material available at site.	m3	38.05	544.30	20710.62
3	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	2.26	12,340.56	27889.67
4	06-07-b-02	RCC in raft foundation slab, base slab of column & ret.wall etc, not including in 06-07-a-02 (1:1.5:3)	m3	16.62	22,219.08	369281.11
5	07-04-a-03	1st class brick work in foundation and plinth in Cement, sand mortar 1:4	m3	3.65	17,062.81	62279.26
(ii) SUPER STRUCTURE WORKS						
6	06-07-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1.5:3)	m3	55.37	22,220.48	1230347.98
7	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Ton	9.74	306,713.50	2987389.49
8	06-47-d	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	221.22	1,232.79	272717.80
9	06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	151.12	1,010.20	152661.42
10	06-47-c	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal	m2	73.00	1,166.35	85143.55
11	07-05-a-03	1st class brick work in ground floor Cement, sand mortar 1:4	m3	3.65	18,128.70	66169.76
12	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	m2	326.82	519.49	169779.72
13	13-25-a	Preparing surface & painting with snowcem / weathershield paint : First coat	m2	326.82	344.07	112448.96

14	13-25-b	Preparing surface & painting with snowcem / weathershield paint : 2nd & subsequent coats	m2	653.63	189.64	123954.39
15	25-31	Providing and fixing steel grated doors, with 1/16" thick sheeting including angle iron frame 2"x2"x3/8" and 3/4" square bars 4" center to center with locking arrangement.	m2	54.18	30,373.56	1645639.48

SUB TOTAL OF (S.I.): 7352829.99

Add: (1.14) location factor on SI items: 1029396.20

Total Rs: 8382226

(iii) NON-SCHEDULE ITEMS						
16	NSI	Supply & Fixing stainless steel 24" height outdoor signage letters fixed in Position complete in all respects, as per Design and Drawing, instructions and approval of the consultant Engineer.	Word	30.00	5,962.00	178860.00

SUB TOTAL OF (N.S.I): 178860.00

TOTAL COST OF (S.I & N.S.I): 8561086.1839

(7) ASPHALTIC ROAD & FOOTPATH						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	03-39-b	Berm cutting : Upto 25 m lead (including dressing)	m3	4863.53	312.71	1520874.47
2	03-19-b x 17+03-20-a	Transportation of earth all types for every 15 m extra lead or part thereof beyond 250 m and upto 500 m.	m3	4863.53	467.63	2274332.53
11	03-70-a	Formation of Embankment from Roadway Excavation in Common Material including compaction Modified AASHTO 90% by power roller.	m3	1728.31	839.39	1450726.13
12	03-71-a	Subgrade Preparation In Earth Cut ; Mod. AASHTO 95%	m2	5673.23	90.63	514164.83
13	03-70-c	Formation of Embankment from Borrow Excavation in Common Material including compaction Modified AASHTO 90% by power roller.	m3	2592.47	1,091.93	2830795.77
14	16-04-a	Granular Sub Base Course using Pit Run Gravel	m3	1296.23	2,490.09	3227729.36
15	16-05-b	Water Bound Macadam Base Course	m3	651.98	4,112.82	2681476.38
16	16-09-a	Bitumenous Prime Coat	m2	4280.30	295.54	1264999.86
17	16-14-b	Asphaltic Wearing Course (Asphalt Batch Plant Hot Mixed) i/c Transportation and Finishing complete	m3	217.33	40,087.06	8712120.75
18	16-75-a	Pavement marking in reflective thermoplast paint with glass beads for line 15 cm width.	m	1484.76	178.82	265504.78
19	16-18-a	Road signs (not exceeding 1 m2) without reflection sheet & lettering : Supply and Fixing at site with PCC 1:3:6 upto max 3' depth	m2	5.86	17,777.41	104175.62
20	16-18-b	Road signs (not exceeding 1 m2) without reflection sheet & lettering : Supply to the C&W store/site of work	m2	5.86	14,294.23	83764.19
21	16-25-c-04	Reflectorized Aluminium Pavement Stud (Raised Profile Type - Single)	Each	200.00	687.24	137448.00
22	16-25-c-05	Reflectorized Aluminium Pavement Stud (Raised Profile Type - Double)	Each	100.00	887.31	88731.00
23	03-67-d	Structural Backfill using Granular Material brought from outside	m3	118.06	1,909.05	225382.44
24	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	118.19	12,340.56	1458530.79
25	10-15-f	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels: 2.5" thick	m2	100.37	1,677.40	168360.64
26	10-49-g	Providing and Fixing Precast Concrete 3000 psi TUFF Tiles 60mm thick over bed of 2" thick sand	m2	1106.88	933.11	1032840.80
27	16-73-b	Providing and fixing kerb stone (12"x14"x6") in cement sand mortar 1:3 in center media or round about as specified.	m	1706.10	943.51	1609722.41
28	13-19	Paint on Concrete work (Kerb stone, Barrier)	m2	755.02	1,308.65	988056.92

SUB TOTAL OF (S.I): 30639737.68

Add: (1.14) location factor on SI items: 4289563.28

Total Rs: 34929301

(8) CAR PARKING & SHEDS						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	03-39-b	Berm cutting : Upto 25 m lead (including dressing)	m3	515.12	312.71	161083.18
2	03-19-b x 17+03-20-a	Transportation of earth all types for every 15 m extra lead or part thereof beyond 250 m and upto 500 m.	m3	515.12	467.63	240885.57
3	03-62	Clearing and Grubbing by mechanical means	m2	845.45	38.40	32465.28
4	03-25-d	Excavation in foundation of building, bridges etc complete : in shingle/gravel	m3	67.27	485.96	32690.53
5	03-67-c	Structural backfill using Common Material available at site.	m3	63.91	544.30	34786.21
6	03-67-d	Structural Backfill using Granular Material brought from outside	m3	257.56	1,909.05	491694.92
7	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	97.06	12,340.56	1197774.75
8	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	m3	56.06	17,035.28	954997.80
9	10-15-f	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels: 2.5" thick	m2	845.45	1,677.40	1418157.83
10	25-58-b	Providing and fixing of parking shed consisting of CGI Sheet, tubular pipe frame (heavy) quality and circular columns excluding cost of foundation.	m2	768.59	7,827.91	6016453.35

SUB TOTAL OF (S.I): 10580989.41
 Add: (1.14) location factor on SI items: 1481338.52
 Total Rs: 12062328

(9) OPEN / STROM WATER DRAIN						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	03-09-d	Earth excavation in open cut upto 3 m depth for drains, pipes etc & disposal : in Gravel & shingle	m3	289.21	802.63	232128.62
2	03-67-c	Structural backfill using Common Material available at site.	m3	86.76	544.30	47223.47
3	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	m3	111.03	13,983.72	1552612.43
4	06-47-d	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	889.96	1,232.79	1097133.79
5	25-32	Providing and fixing grating in opening including fixing at site with flat iron 2" x 3/8" and 3/4" round bars at 4" center to center.	m2	283.97	11,495.27	3264311.82

SUB TOTAL OF (S.I): 6193410.13
 Add: (1.14) location factor on SI items: 867077.42
 Total Rs: 7060488

(10) EXTERNAL WATER SUPPLY LINE & SOURCE DEVELOPMENT						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	03-25-d	Excavation in foundation of building, bridges etc complete : in shingle/gravel	m3	49.20	485.96	23909.23
2	03-09-d	Earth excavation in open cut upto 3 m depth for drains, pipes etc & disposal : in Gravel & shingle	m3	1093.57	802.63	877734.53
3	03-67-c	Structural backfill using Common Material available at site.	m3	998.98	544.30	543744.81
4	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	12.07	12,340.56	148950.56
5	06-44-c	PCC 1:3:6 in mass concrete less formwork using 30% boulders	m3	40.77	11,257.60	458972.35
6	08-01-d-02	Random rubble masonry in foundn. & plinth in cement, sand mortar : Ratio 1:4	m3	33.87	12,651.67	428512.06
7	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	m3	3.62	17,035.28	61667.71

8	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:2:4)	m3	1.56	19,446.34	30336.29
9	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Ton	0.13	306,713.50	39872.76
10	06-47-c	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal	m2	10.25	1,166.35	11955.09
11	06-47-d	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	53.43	1,232.79	65867.97
12	14-155	Galvanised MS ladder rings 3/4" dia inside and outside water tanks; Each rung of 12" width, 6" projected outside the wall and 6" embedded in RCC on both ends; including all necessary works for complete installation.	Kg	45.09	555.06	25027.66
13	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	m2	124.07	519.49	64453.12
14	24-33-d	Supplying and fixing, cast iron manhole cover with frame, etc. (Heavy Type) of approved quality complete. 24" (600 mm) dia.	Each	1.00	4,473.04	4473.04
15	24-30-d-09	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE) Din-8074/Din-8075/ISO-4427 in trenches, complete in all respects except excavation. (110 mm dia) PN-16	m	2439.02	2,680.96	6538915.06
16	24-16-a-09	Providing, laying, cutting, jointing, testing and disinfecting GI pipeline in trenches, with socket joint, using GI pipes of EN 10255 - 2004 (Heavy Approved Quality) including specials etc. Complete as per specifications except excavation. 4" Nominal Pipe Size (NPS)	m	609.76	7,745.08	4722639.98
17	24-49-g	Providing and Fixing Brass peet / gate valve 4" dia	Each	2.00	17,462.04	34924.08

SUB TOTAL OF (S.I): 14081956.31

Add: (1.14) location factor on SI items: 1971473.88

Total Rs: 16053430

(11) OVER HEAD WATER TANK 10,000 GALLONS

S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
(i) SUB STRUCTURE WORKS						
1	03-25-d	Excavation in foundation of building, bridges etc complete : in shingle/gravel	m3	269.59	485.96	131009.96
2	03-67-c	Structural backfill using Common Material available at site.	m3	188.71	544.30	102714.85
3	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	7.07	12,340.56	87247.76
4	06-07-b-02	RCC in raft foundation slab, base slab of column & ret.wall etc, not including in 06-07-a-02 (1:1.5:3)	m3	43.59	22,219.08	968529.70
5	06-07-b-01	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-07-a-01 (1:1:2)	m3	1.06	27,075.22	28699.73
(ii) GROUND TO TOP FLOOR WORKS						
6	06-07-a-01	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1:2)	m3	7.64	27,075.22	206854.68
7	06-07-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1.5:3)	m3	43.74	22,220.48	971923.80
8	06-16-a	Extra labour for laying concrete (plain or reinforced) From 20' upto 40' height	m3	34.46	1,786.92	61577.26
9	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Ton	15.56	306,713.50	4772462.06
10	06-47-c	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal	m2	118.51	1,166.35	138224.14
11	06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	76.22	1,010.20	76997.44

12	06-47-d	Erection and removal of Form work with Plywood sheet finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	m2	227.00	1,232.79	279843.33
13	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	m2	115.15	519.49	59819.27
14	11-13	Applying floating coat of cement 1/32" thick	m2	100.84	307.29	30987.12
15	11-26 x 3	Extra for lime, mud or cement plaster & pointing from 20' & above for each additional 10' height	m2	215.99	190.29	41100.74
16	10-22-a	1.5" thick mosaic flooring, including rubbing & polishing complete : Using grey cement	m2	26.49	3,010.08	79737.02
17	10-41-a-02	Mosaic dado or skirting complete as per specs Using grey cement : 1/2" thick	m2	44.61	2,028.87	90507.89
18	10-18 x 3	Extra labour for each storey above ground for mosaic, conglomerate, tiles, stone & wood floor.	m2	71.10	485.94	34550.33
19	25-47	Supply and fixing of fancy type stainless steel chromium plate 2" dia pipes stair railing 3/4" dia pipe fixed on specified space on steps in horizontal positions, complete in all respects	m	35.90	5,151.13	184925.57
20	25-33-a	Providing and fixing terrace railing 2" i/d conduit pipe 16 SWG, welded with 5/8" x 5/8" square bar 2.75 ft. high fixed at 5" centre to centre, in RCC slab with suitable arrangement, complete in all respects as per design and drawing.	m	22.56	4,509.98	101745.15
21	24-40	Supplying and Fixing PVC Water Stopper 8" wide 3/8" thick. Providing and fixing PVC water stopper 8" wide 3/8" thick in verticle (Wall/Column) or horizontal (Floor/Slab) expansion joint including cutting and jointing complete in all respects.	m	32.93	736.90	24266.12
22	24-33-d	Supplying and fixing, cast iron manhole cover with frame, etc. (Heavy Type) of approved quality complete. 24" (600 mm) dia.	Each	1.00	4,473.04	4473.04
23	13-25-a	Preparing surface & painting with snowcem / weathershield paint : First coat	m2	398.76	344.07	137201.35
24	13-25-b	Preparing surface & painting with snowcem / weathershield paint : 2nd & subsequent coats	m2	797.53	189.64	151243.59
25	13-24	Extra labour for painting, varnishing etc from 20' height & above, for every additional 10'	m2	132.92	17.42	2315.47
26	13-24 x 3	Extra labour for painting, varnishing etc from 20' height & above, for every additional 10'	m2	132.92	52.26	6946.40
(iii) SUPPLY AND HOSTING						
27	24-31-g	S/H/J G.I. Flanged Pipe 4" i/d 5 mm thick	m	56.40	1,977.00	111502.80
28	24-19-b-01	Providing and fixing cast iron special of BSS class " 'B', 'C', 'D' " (such as bend, tee, cross collar, reducer, tail piece, flanged spigot, cap, flanged socket, taper, angle branch, plug, etc.) for cast iron pipe line, complete. (b) C.I. Flanged special with flanged joints. 3" to 6" i/d	Kg	50.00	492.96	24648.00
29	24-35	Supplying and Fixing C.I. vent pipe for storage tanks including jally etc	m	4.57	420.22	1920.41
30	14-48-f	Providing and Fixing brass ball float valve of approved quality: 2" (50 mm) dia	Each	1.00	2,120.36	2120.36
31	24-21-a	Providing and fixing sluice valve of BSS quality (BS 5163) and weight Class 'B' for Cast Iron & AC pipe line (including cost of jointing material):- a) 3" (75 mm) dia of Valve	Each	2.00	25,057.76	50115.52
32	09-20-a	Cast iron rain water down pipe fixed in position excluding heads & shoes : 4" dia	m	13.72	2,455.82	33693.85
33	09-21	Heads for cast iron rain water down pipe fixed in place including cost of clamp holdfast and painting	Each	1.00	2,447.67	2447.67
34	09-22	Shoes, bends or offsets for cast iron ran water down pipe, including fixing & painting	Each	2.00	1,466.67	2933.34

UB TOTAL OF (S.I): 9005285.72

Add: (1.14) location factor on SI items: 1260740.00

Total Rs: 10266026

(12) EXTERNAL WATER SUPPLY LINE & SOURCE DEVELOPMENT						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	03-09-d	Earth excavation in open cut upto 3 m depth for drains, pipes etc & disposal : in Gravel & shingle	m3	119.76	802.63	96124.71
2	03-67-c	Structural backfill using Common Material available at site.	m3	98.56	544.30	53647.14
3	24-16-b-09	Providing, laying, cutting, jointing, testing and disinfecting GI pipeline in trenches, with socket joint, using GI pipes of EN 10255 - 2004 (Medium Approved Quality) including specials etc.Complete as per specifications except excavation. 4" Nominal Pipe Size (NPS)	m	91.46	7,047.00	644542.68
4	24-16-b-08	Providing, laying, cutting, jointing, testing and disinfecting GI pipeline in trenches, with socket joint, using GI pipes of EN 10255 - 2004 (Medium Approved Quality) including specials etc.Complete as per specifications except excavation. 3" Nominal Pipe Size (NPS)	m	158.54	4,826.73	765213.29
5	24-16-b-06	Providing, laying, cutting, jointing, testing and disinfecting GI pipeline in trenches, with socket joint, using GI pipes of EN 10255 - 2004 (Medium Approved Quality) including specials etc.Complete as per specifications except excavation. '2" Nominal Pipe Size (NPS)	m	179.88	2,922.80	525747.56
6	03-49-a	Excavation in open cut for sewers & manhole except shingle, gravel & rock : Upto 2m	m3	6.88	401.66	2763.42
7	06-07-d-05	Providing manhole size 24" x 18" (inside dimensions) as per approved design and specifications complete for 4" to 12" dia pipes upto 4 ft. (1.2 m) depth with 16" dia.Concrete Cover fixed in 4" thick RCC 1:2:4 slab (with 5 lbs per Cu.ft. or 80 kg/Cu.m of steel), burnt brick masonry walls 9" (225 mm) thick set in 1:3 cement sand mortar, 6" thick 1:3:6 cement concrete in foundation, 4" av. thickness 1:2:4 cement concrete in benching and 1/2" (13mm) thick cement sand plaster in 1:3 to all inside wall surfaces, channels and benching including making requisite number of main and branch channels but excluding the cost of excavation, back filling and disposal of excavated stuff.	Each	4.00	20,542.94	82171.76

SUB TOTAL OF (S.I): 2170210.58

Add: (1.14) location factor on SI items: 303829.48

Total Rs: 2474040

(13) EXTERNAL SEWERAGE WORKS						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	03-09-d	Earth excavation in open cut upto 3 m depth for drains, pipes etc & disposal : in Gravel & shingle	m3	56.06	802.63	44994.55
2	03-67-c	Structural backfill using Common Material available at site.	m3	51.73	544.30	28155.04
3	24-18-c-10	Providing, laying, cutting, jointing, testing and disinfecting UPVC pressure pipeline in trenches (conforming to BS 3505 manufactured) jointed with socket, elbow, tee, bend and plug bend etc. manufactured by the respective manufacturer complete as per specifications uPVC Pressure Pipes Class D (12 Bar) except excavation. 10" Nominal Pipe Size (NPS)	m	54.88	12,381.24	679458.29

4	24-18-c-11	Providing, laying, cutting, jointing, testing and disinfecting UPVC pressure pipeline in trenches (conforming to BS 3505 manufactured) jointed with socket, elbow, tee, bend and plug bend etc. manufactured by the respective manufacturer complete as per specifications uPVC Pressure Pipes Class D (12 Bar) except excavation. 12" Nominal Pipe Size (NPS)	m	45.73	17,663.04	807760.98
5	03-49-a	Excavation in open cut for sewers & manhole except shingle, gravel & rock : Upto 2m	m3	17.20	401.66	6908.55
6	06-07-d-05	Providing manhole size 24" x 18" (inside dimensions) as per approved design and specifications complete for 4" to 12" dia pipes upto 4 ft. (1.2 m) depth with 16" dia. Concrete Cover fixed in 4" thick RCC 1:2:4 slab (with 5 lbs per Cu.ft. or 80 kg/Cu.m of steel), burnt brick masonry walls 9" (225 mm) thick set in 1:3 cement sand mortar, 6" thick 1:3:6 cement concrete in foundation, 4" av. thickness 1:2:4 cement concrete in benching and 1/2" (13mm) thick cement sand plaster in 1:3 to all inside wall surfaces, channels and benching including making requisite number of main and branch channels but excluding the cost of excavation, back filling and disposal of excavated stuff.	Each	10.00	20,542.94	205429.40

SUB TOTAL OF (S.I): 1772706.81

Add: (1.14) location factor on SI items: 248178.95

Total Rs: 2020886

(14) TURFING OF LAWN AND PLANTATIONS (HORTICULTURE)						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	03-07-b	Earth fill in lawns including dressing & compaction with suitable earth borrowed.	m3	1388.69	410.99	570737.70
2	03-19-a x 17 +03-20-a +03-20-b x 10 +03-20-cx 3	Transportation of earth all types for every 15 m extra lead or part thereof beyond 250 m and upto 500 m. (Upto 3 KM)	m3	1388.69	1,071.62	1488147.98
3	03-57	Levelling, dressing and making lawns	m2	1365.23	53.74	73367.46
4	03-58	Turfing of lawn with Dacca Grass	m2	1365.23	311.61	425419.32
5	03-08	Furnishing And Planting Of Trees Including Maintenance For 2 Years	Each	100.00	1,151.75	115175.00
6	06-35	Benches Providing fixing 4 seated white or coloured light shade marble mosaic benches (5-1/2 ft. x 1-1/2 ft. x 1-3/4 ft.) (1676 mm x 533 mm x 457 mm) without back in white cement including cartage, loading and unloading etc. complete.	Each	10.00	7,804.56	78045.60

SUB TOTAL OF (S.I): 2750893.06

Add: (1.14) location factor on SI items: 385125.03

Total Rs: 3136018

(15) ROAD / STREET LIGHTS						
S.NO	(MRS-2025)	DESCREPTION	UNIT	QUANTITY	RATE	AMOUNT
1	24-30-b-05	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE) Din-8074/Din-8075/ISO-4427 in trenches, complete in all respects except excavation. (50 mm dia) PN-10	m	800.00	409.43	327544.00
2	15-50	Wiring of light/fan/call-bell point in 3/0.029" PVC insulated bare cable in PVC pipe recessed	Each	55.00	2,406.52	132358.60
3	15-05-a	Supply and Erection single core PVC insulated & copper conductor 250/440 V grade cable : 3/0.029" 1/2" i/d	m	1000.00	104.92	104920.00
4	15-05-c	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.029"	m	200.00	191.88	38376.00
5	15-05-e	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.044"	m	400.00	384.00	153600.00

6	15-05-f	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.064"	m	200.00	882.81	176562.00
7	15-75-a	Supply and Erection cubical type factory fabricated floor/wall mounting steel main board comp. : On surface	m2	1.00	32,800.57	32800.57
8	15-71-a	Supply and Erection single phase imported auto circuit breaker 6 Amp.	Each	15.00	717.04	10755.60
9	15-71-c	Supply and Erection single phase imported auto circuit breaker 20 Amp.	Each	4.00	1,013.44	4053.76
10	15-166-c	Providing and fixing Door light indicator unit	No	2.00	1,123.48	2246.96
11	15-194	Supply & Erection of Volt meter (heavy duty)	Each	2.00	572.46	1144.92
12	15-11-a-02	Supply and Erection of iron/aluminium clad, 500V main switch Double pole : 30/35 Amp	Each	2.00	1,573.55	3147.10
13	15-35-g	Providing and laying of cable route marker cast iron for all sort of Road Light, Street Lights & Boundary Wall lights complete in all respects with all installation material complete	Each	30.00	1,402.13	42063.90
14	26-01-c-08	Supply and Erection of AC ENERGY EFFICIENT LED LIGHT BULBS (31-50 W)	No	25.00	2,327.61	58190.25
15	15-36-i-10	Supply, installation, testing and commissioning of 1x6 Watt LED BULKHEAD light fixture, of best quality.	Each	20.00	1,917.02	38340.40
16	15-65-d	Supply & erection of Garden light fixture with LED 25-30 watts	Each	20.00	18,466.02	369320.40
17	15-09-a	Supply and Erection MS sheet box of 16 SWG, 4" deep with 3/16" thick bakelite sheet top etc. complete : 3"x3" powder coated	Each	18.00	374.29	6737.22
18	15-36-f	Supply and Fixing SMD Type LED Road light Fixture (90-100 watts)	Each	13.00	47,340.82	615430.66
19	15-115-f	Supply & erection of Single arm GI round conical pole, hot dipped galvanized (microns) 10 meters long overall thickness 5 mm, base dia 200 mm and top dia 100 with plate arrangement 450mm x 450mm x 25mm, complete in all respects.	Each	4.00	88,865.25	355461.00
20	15-115-c	Supply & erection of Double arm GI round conical pole, hot dipped galvanized (80 microns) 10 meters long overall thickness 4 mm, base dia 180 mm and top dia 62 with plate arrangement 450mm x 450mm x 25mm, complete in all respects.	Each	5.00	98,745.25	493726.25

SUB TOTAL OF (S.I): 2966779.59

Add: (1.14) location factor on SI items: 415349.14

Total Rs: 3382129

(ii) NON-SCHEDULE ITEMS

21	NSI	Foundation of Light Poles Providing and construction of pole base consisting of RCC 1:2:4 of size 18"x18"x56" deep as site requirements including cost of PCC 6" thick 1:4:8 excavation, refilling and 4 – J Shape anchor bolts 1" dia x 48" long G.I Nuts, Base Plate washers with all necessary material complete in all respects as per instruction of Engineer incharge.	Each	9.00	32,496.00	292464.00
22	NSI	Supply and Erection Double Pole imported auto Circuit Breaker 32 Amp. complete in all respects as per instruction of Engineer incharge.	Each	2.00	3,505.00	7010.00

SUB TOTAL OF (N.S.I): 292464.00

TOTAL COST OF (S.I & N.S.I): 3674592.7326

GENERAL ABSTRACT OF COST

S.NO	DESCREPTION	AMOUNT
(A) CIVIL WORK MAIN BUILDING WORKS (DISTRICT ADMINISTRATION BLOCK)		
1	CIVIL WORK MAIN BUILDING WORKS	178052364
2	INTERNAL ELECTRIFICATION	17118534
3	INTERNAL WATER SUPPLY	6627201
4	SEPTIC TANK, MANHOLES & PLINTH PROTECTION	5050040
5	TELEPHONE & DATA NETWORKING SYSTEM	1636616
6	CCTV CAMERA SYSTEM	2127821
7	FIRE ALARM & FIRE FIGHTING SYSTEM	2200333
8	SOUND SYSTEM	699063
9	AIR CONDITIONING SYSTEM	3176293
10	BERM CUTTING & RETAINING WALLS	9274234
GRAND TOTAL RS (A)		225962499
(B) MASJID & ABLUTION		
1	CIVIL WORK MAIN BUILDING WORKS	20104850
2	INTERNAL ELECTRIFICATION	1494866
3	INTERNAL WATER SUPPLY	1229568
4	BERM CUTTING, SEPTIC TANK, MANHOLES & PLINTH PROTECTION	1135322
5	SOUND SYSTEM	474005
GRAND TOTAL RS (B)		24438611
(C) GUARD ROOM & WATCH TOWER		
1	CIVIL WORK MAIN BUILDING WORKS	7943756
2	INTERNAL ELECTRIFICATION	518844
3	INTERNAL WATER SUPPLY	291916
4	SEWERAGE LINE, MANHOLES & PLINTH PROTECTION	409315
GRAND TOTAL RS (C)		9163831
(D) EXTERNAL DEVELOPMENTAL WORKS		
(A)	BOUNDARY WALLS	39601133
(B)	MAIN ENTRANCE GATE	8561086
(C)	ASPHALTIC ROAD & FOOTPATH	34929301
(D)	CAR PARKING & SHEDS	12062328
(E)	OPEN / STORM WATER DRAIN	7060488
(F)	EXTERNAL WATER SUPPLY LINE & SOURCE DEVELOPMENT	16053430
(G)	OVER HEAD WATER TANK 10,000 GALLONS	10266026
(H)	EXTERNAL WATER SUPPLY LINE & SOURCE DEVELOPMENT	2474040
(I)	EXTERNAL SEWERAGE WORKS	2020886
(J)	TURFING OF LAWN AND PLANTATIONS (HORTICULTURE)	3136018
(K)	ROAD / STREET LIGHTS	3674593
GRAND TOTAL RS (D)		139839328
GRAND TOTAL RS A+B+C+D		399404269
SAY IN MILLION:		399.403

NOTE: MRS 2025 has been followed for estimation purpose where specification to be followed correspond to the "Schedule of rates Vol-1, Part 2 (specification for execution of work 1967)"
any other items not covered in the BOQ will be paid as _____ %
above/below on MRS 2025 quoted by the contractor.

SUB DIVISIONAL OFFICER
C&W SUB DIVISION KOLAI PALLAS

SUB ENGINEER
C&W SUB DIVISION KOLAI PALLAS

BILL OF QUANTITIES**Bill No. 1 Earthworks**

Item	Description	Unit	Quantity	Rate		Amount
				Rupees in figures	Rupees in words	Rupees
1	2	3	4	5		6
101						
102						
103						
104						
105						
106						
Total for Bill No. 1						
(Carried forward to Summary Page)						

Appendix-D to Bid

BILL OF QUANTITIES

Bill No. 2 Culverts and Bridges

Item	Description	Unit	Quantity	Rate		Amount
				Rupees in figures	Rupees in words	Rupees
1	2	3	4	5		6
201						
202						
203						
204						
205						
206						
Total for Bill No. 2						
(Carried forward to Summary Page)						

Appendix-D to Bid

BILL OF QUANTITIES Bill

No. 3 Subsurface Drains

Item	Description	Unit	Quantity	Rate		Amount
				Rupees in figures	Rupees in words	Rupees
1	2	3	4	5		6
301						
302						
303						
304						
305						
306						
Total for Bill No. 3 (Carried forward to Summary Page)						

Appendix-D to Bid

BILL OF QUANTITIES

Bill No. 4 Tubewells and Pump-houses

Item	Description	Unit	Quantity	Rate		Amount
				Rupees in figures	Rupees in words	Rupees
1	2	3	4	5		6
401						
402						
403						
404						
205						
406						
Total for Bill No. 4 (Carried forward to Summary Page)						

Appendix-D to Bid

BILL OF QUANTITIES

Bill No. 5 Miscellaneous Items

Item	Description	Unit	Quantity	Rate		Amount Rupees
				Rupees in figures	Rupees in words	
1	2	3	4	5		6
501	Mobilization/Demobilization (Lumpsum ¹) Cost					
502						
503						
504						
505						
506						
Total for Bill No. 5						
Carried forward to Summary Page)						

¹ Not to exceed 10 % of Bid Price. To be used only if Alternative Two of Sub-Clause 60.12 of Conditions of Contract is adopted.

Appendix-D to Bid

BILL OF QUANTITIES

B. Day-work Schedule

General

1. Reference is made to Sub-Clause 52.4 of the General Conditions of Contract Part-I. Work shall not be executed on a day work basis except by written order of the Engineer. Bidders shall enter basic rates for Day work items in the Schedules, which rates shall apply to any quantity of Day work ordered by the Engineer. Nominal quantities have been indicated against each item of Day work, and the extended total for Day work shall be carried forward to the Bid Price.

Day work Labour

2. In calculating payments due to the Contractor for the execution of Day work, the actual time of classes of labour directly doing the Day work ordered by the Engineer and for which they are competent to perform will be measured excluding meal breaks and rest periods. The time of gangers (charge hands) actually doing work with the gang will also be measured but not the time of foreman or other supervisory personnel.
3. The Contractor shall be entitled to payment in respect of the total time that labour is employed on Day work, calculated at the basic rates entered by him in the Schedule of Day work Rates for labour together with an additional percentage, payment on basic rates representing the Contractor's profit, overheads, etc., as described below:
 - a) the basic rates for labour shall cover all direct costs to the Contractor, including (but not limited to) the amount of wages paid to such labour, transportation time, overtime, subsistence allowances and any sums paid to or on behalf of such labour for social benefits in accordance with Pakistan law. The basic rates will be payable in local currency only; and
 - b) the additional percentage payment to be quoted by the Bidder and applied to costs incurred under (a) above shall be deemed to cover the Contractor's profit, overheads, superintendence, liabilities and insurances and allowances to labour timekeeping and clerical and office work; the use of consumable stores, water, lighting and power; the use and repair of stagings, scaffolding, workshops and stores, portable power tools, manual plant and tools; supervision by the Contractor's staff, foremen and other supervisory personnel; and charges incidental to the foregoing.

Appendix-D to Bid

SCHEDULE OF DAYWORK RATES

I. Labour

Item No.	Description	Unit	Nominal Quantity	Rate (Rs) in Figure	Rate (Rs) in Words	Extended Amount (Rs.)
1	2	3	4	5	6	7
D101	Ganger	Hr	500			
D102	Labourer	Hr	5,000			
D103	Brick layer	Hr	500			
D104	Mason	Hr	500			
D105	Carpenter	Hr	500			
D106	Steel work Erector	Hr	500			
	-----etc-----	Hr	500			
D113	Driver for vehicle up to 10 Tons	Hr	1,000			
D114	Operator for excavator, dragline, shovel or crane	Hr	500			
D115	Operator for tractor, (tracked) with dozer blade or Ripper	Hr	500			
D122	Sub Total Allow percent of subtotal for Contractor's overhead, profit, etc, in accordance with Paragraph 3(b) of Daywork Schedule Total for Daywork: Labour : _____ (Carried forward to Daywork Summary)					

Appendix-D to Bid

Daywork Material

4. The Contractor shall be entitled to payment in respect of materials used for Daywork (except for materials for which the cost is included in the percentage addition to labour costs as detailed heretofore), at the basic rates entered by him in the Schedule of Daywork Rates for materials together with an additional percentage payment on the basic rates to cover overhead charges and profit, as follows:
 - a) the basic rates for materials shall be calculated on the basis of the invoiced price, freight, insurance, handling expenses, damage, losses, etc., and shall provide for delivery to store for stockpiling at the site. The basic rates shall be stated in local currency but payment will be made in the currency or currencies expended upon presentation of supporting documentation;
 - b) the additional percentage payment shall be quoted by the Bidder and applied to the equivalent local currency payments made under Sub-Para(a) above; and
 - c) the cost of hauling materials used on work ordered to be carried out as Daywork from the store or stockpile on the site to the place where it is to be used will be paid in accordance with the terms for Labour and Constructional Plant in this Schedule.

Appendix-D to Bid

SCHEDULE OF DAYWORK RATES

II. Materials

Item No.	Description	Unit	Nominal Quantity	Rate (Rs) in Figure	Rate (Rs) in Words)	Extended Amount (Rs.)
1	2	3	4	5	6	7
D201	Cement, ordinary Portland or equivalent in bags	M.Ton	200			
D202	Mild Steel reinforcing bar upto 16mm diameter to BS 4449 or equivalent	M.Ton	100			
D203	Fine aggregate for concrete As specified in Clause _____	Cu.M	1,000			
D204	-----etc-----					
D222	Gelignite (Noble Special Gelatine 60 % or equivalent) including caps, fuse, wire and requisite accessories	M.Ton	10			
D223	Sub Total Allow _____percent of subtotal for Contractor's overhead, profit, etc., in accordance with Paragraph 4(b) of Daywork Schedule _____ Total for Daywork: Materials _____ (Carried forward to Daywork Summary)					

Appendix-D to Bid

Daywork Constructional Plant

5. The Contractor shall be entitled to payments in respect of constructional plant already on Site and employed on Daywork at the basic rental rates entered by him in the Schedule of Daywork Rates for constructional plant. The said rates shall be deemed to include complete allowance for depreciation, interest, indemnity and insurance, repairs, maintenance, supplies, fuel, lubricants, and other consumables, and all overhead, profit and administrative costs related to the use of such equipment. The cost of drivers, operators and assistants will be paid for separately as described under the section on Daywork Labour.
6. In calculating the payment due to the Contractor for constructional plant employed on Daywork, only the actual number of working hours will be eligible for payment, except that where applicable and agreed with the Engineer, the travelling time from the part of the Site where the constructional plant was located when ordered by the Engineer to be employed on Daywork and the time for return journey thereto shall be included for payment.
7. The basic rental rates for constructional plant employed on Daywork shall be stated in Pakistani Rupees.

Appendix-D to Bid

SCHEDULE OF DAYWORK RATES

III. Constructional Plant

Item No.	Description	Unit	Nominal Quantity	Rate (Rs.) in Figure	Rate Rs.) in Words	Extended Amount (Rs.)
1	2	3	4		5	6
D301	Excavator ,face shovel or dragline: 1. Up-to and including 1 Cu.M. 2. Over 1 Cu.M to 2 Cu. M. 3. Over 2 Cu. M	Hr Hr Hr	500 400 100			
D302	Tractor (tracked) including bull or angle dozer: 1. Up-to and including 150 HP 2. Over 150 to 200 HP 3. Over 200 to 250 HP	Hr Hr Hr	500 400 200			
D303	Tractor with ripper: 1. Up-to and including 200 HP 2. Over 200 to 250 HP	Hr Hr	400 200			
D304	-----etc-----					
	Total for Daywork: Constructional Plant _____ (Carried forward to Daywork Summary)					

Appendix-D to Bid

DAYWORK

Summary (Daywork)

		Amount (Rs.)
(I)	Total for Daywork: Labour	_____
(II)	Total for Daywork : Materials	_____
(III)	Total for Daywork: Constructional Plant	_____
Total for Daywork (Carried forward to Summary Page of Bill of Quantities)		_____

Appendix-D to Bid

BILL OF QUANTITIES

SUMMARY

		Amount (Rs.)
Bill No. 1:	Earthworks	_____
Bill No. 2:	Culverts and Bridges	_____
Bill No. 3:	Subsurface Drains	_____
Bill No. 4:	Tubewells and Pump Houses	_____
Bill No. 5:	Miscellaneous Items	_____
Sub-Total of Bills		_____
Daywork		_____
Bid Price		_____

Note: All Provisional Sums are to be expended in whole or, in part at the direction and discretion of the Engineer in accordance with Sub-Clauses 52.4 and 58.2 of the General Conditions of Contract Part- I.

Appendix-E to Bid

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 program for completion of the whole of the Works and parts of the Works may meet Procuring Entity'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):

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

Appendix-F to Bid

METHOD OF PERFORMING THE WORK

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

1. Organization Chart indicating head office and field office personnel involved in management and supervision, engineering, equipment maintenance and purchasing.
2. Mobilization in Pakistan, the type of facilities including personnel accommodation, office accommodation, provision for maintenance and for storage, communications, security and other services to be used.
3. The method of executing the Works, the procedures for installation of equipment and machinery and transportation of equipment and materials to the site.]

Appendix-G to Bid

LIST OF MAJOR EQUIPMENT – RELATED ITEMS

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

Appendix-G to Bid

LIST OF MAJOR EQUIPMENT

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

Appendix-H to Bid

CONSTRUCTION CAMP AND HOUSING FACILITIES

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

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

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

1. Site Preparation (clearing, land preparation, etc.).
2. Provision of Services.
 - a) Power (expected power load, etc.).
 - b) Water (required amount and system proposed).
 - c) Sanitation (sewage disposal system, etc.).
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.).

Appendix-I to Bid

LIST OF SUBCONTRACTORS

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

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

Part of Works (Give Details)	Subcontractor (With Complete Address)
1	2
Not applicable	Not applicable

Appendix-J to Bid

ESTIMATED PROGRESS PAYMENTS

Bidder' 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:

Quarter/ Year/ Period	Amounts (1,000 Rs.)
1	2
1 st Quarter	
2 nd Quarter	
3 rd Quarter	
4 th Quarter	
5 th Quarter	
6 th Quarter	
7 th Quarter	
8 th Quarter	
9 th Quarter	
Bid Price	

Appendix-K to Bid

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

**Appendix-L to Bid
(INTEGRITY PACT)**

**INTEGRITY PACT DECLARATION OFFER, COMMISSION, AND BROKERAGE
ETC. PAID IN WORKS CONTRACTS**

Contract No. _____ Dated: _____

Contract Value: **Rs. 399.403 (M)**

Contract Title: CONSTRUCTION OF DISTRICT SECRETARIAT KOLAI PALLAS KOHISTAN ADP No.220885 SH: EXTERNAL DEVELOPMENTAL WORKS AND MAIN BUILDING WORKS (DISTRICT ADMINISTRATION BLOCK, MASJID, GUARD ROOM) (RE-TENDER) [name of Bidder] 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 Bidder] 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 Bidder] 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 Bidder] 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 Bidder] agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback _____ given by _____ [name of Bidder] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.

Name of Buyer:

Name of Seller/Supplier:

Signature:

Signature:

[Seal]

[Seal]

FORMS

**BID SECURITY
PERFORMANCE SECURITY
CONTRACT AGREEMENT
MOBILIZATION ADVANCE GUARANTEE/BOND**

BID SECURITY
(Bank Guarantee)

Security Executed on _____
(Date)

Name of Surety (Bank) with Address: _____
(Scheduled Bank in Pakistan)

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 **Executive Engineer C&W Division Kohistan Lower** 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 **16/09/2026** for Bid No. _____ for CONSTRUCTION OF DISTRICT SECRETARIAT KOLAI PALLAS KOHISTAN ADP No.220885 SH: EXTERNAL DEVELOPMENTAL WORKS AND MAIN BUILDING WORKS (DISTRICT ADMINISTRATION BLOCK,MASJID, GUARD ROOM) (RE-TENDER)) to the said

Procuring Entity; and WHEREAS, the Procuring Entity 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 Procuring Entity, 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 Procuring Entity, notice of which extension(s) to the Surety is hereby waived;
- (2) that the Bid Security of unsuccessful Bidders will be returned by the Procuring Entity 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 Procuring Entity 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 there for, on the prescribed form presented to him for signature enter into a formal Contract with the said Procuring Entity 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 Procuring Entity for the faithful performance and proper fulfillment 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 Procuring Entity the said sum upon first written demand of the Procuring Entity (without cavil or argument) and without requiring the Procuring Entity to prove or to show grounds or reasons for such demand, notice of which shall be sent by the Procuring Entity by registered post duly addressed to the Surety at its address given above.

PROVIDED ALSO THAT the Procuring Entity 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 Procuring Entity 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 _____

1. _____ Name _____

Title _____

Corporate Secretary (Seal)

Corporate Guarantor (Seal)

2. _____

Name, Title & Address

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

Guarantee No. _____
Executed on _____
Expiry date _____

[Letter by the Guarantor to the Procuring Entity]

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) Rs. _____
(Rupees: _____)

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 **Executive Engineer C&W Division Kohistan Lower** in the penal sum of the amount stated above for the payment of which sum well and truly to be made to the said Procuring Entity, 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 Procuring Entity's above said Letter of Acceptance for CONSTRUCTION OF DISTRICT SECRETARIAT KOLAI PALLAS KOHISTAN ADP No.220885 SH: EXTERNAL DEVELOPMENTAL WORKS AND MAIN BUILDING WORKS (DISTRICT ADMINISTRATION BLOCK,MASJID, GUARD ROOM) (RE-TENDER)

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 Procuring Entity, 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 Procuring Entity without delay upon the Procuring Entity's first written demand without cavil or arguments and without requiring the Procuring Entity to prove or to show grounds or reasons for such demand any sum or

sums up to the amount stated above, against the Procuring Entity'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 Procuring Entity's designated Bank & Account Number.

PROVIDED ALSO THAT the Procuring Entity 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 Procuring Entity 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.

Corporate Secretary (Seal)

2. _____

Name, Title & Address

Guarantor (Bank)

Signature

Name _____

Title _____

Corporate Guarantor (Seal)

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the “Agreement”) made on the _____ day of _____ (month) 2026 (Year) between Executive Engineer C&W Division Kohistan Lower (hereafter called the “Procuring Entity”) Of the one part and _____ (hereafter called the “Contractor”) of the other part.

WHEREAS the Procuring Entity is desirous that certain Works, viz CONSTRUCTION OF DISTRICT SECRETARIAT KOLAI PALLAS KOHISTAN ADP No.220885 SH: EXTERNAL DEVELOPMENTAL WORKS AND MAIN BUILDING WORKS (DISTRICT ADMINISTRATION BLOCK, MASJID, GUARD ROOM) (RE-TENDER) should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

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

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

Signature of the Contactor
(Seal)

Signature of Procuring Entity
(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

Witness:

(Name, Title and Address)

(Name, Title and Address)

MOBILIZATION ADVANCE GUARANTEE

Guarantee No . _____ Date: _____

WHEREAS **Executive Engineer C&W Division Kohistan Lower** has entered into a Contract for CONSTRUCTION OF DISTRICT SECRETARIAT KOLAI PALLAS KOHISTAN ADP No.220885 SH: EXTERNAL DEVELOPMENTAL WORKS AND MAIN BUILDING WORKS (DISTRICT ADMINISTRATION BLOCK,MASJID, GUARD ROOM) (RE-TENDER) With

(Hereinafter called the "Contractor").

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

(Scheduled Bank in Pakistan acceptable to the Procuring Entity) (hereinafter called the "Guarantor") at the request of the Contractor and in consideration of the Procuring Entity agreeing to make the above advance to the Contractor, has agreed to furnish the said Guarantee.

NOW, THEREFORE, the Guarantor hereby guarantees that the Contractor shall use the advance for the purpose of above mentioned Contract and if he fails and commits default in fulfillment of any of his obligations for which the advance payment is made, the Guarantor shall be liable to the Procuring Entity for payment not exceeding the aforementioned amount. Notice in writing of any default, of which the Procuring Entity shall be the sole and final judge, on the part of the Contractor, shall be given by the Procuring Entity 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 _____ (Date) (Minimum One Year but Extendable up to the Date of Completion of Work) whichever is earlier.

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 (BANK)

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

WITNESS

1. _____

Corporate Secretary (Seal)

2.

(Name Title & Address)

Corporate Guarantor(Seal)

[Notes on the Conditions of Contract]

The Conditions of Contract comprise two parts:

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

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

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

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

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

The FIDIC Conditions of Contract are copyrighted and may not be copied, faxed, or reproduced. Without taking any responsibility of its being accurate, Pakistan Engineering Council with prior consent of FIDIC Secretariat, has reproduced herein the FIDIC General Conditions of Contract for reference purpose only which cannot be used by the users for preparing their bidding documents. The bidding document may include a purchased copy, the cost of which can be retrieved as part of the selling price of the bidding document. Alternatively, the FIDIC Conditions of Contract can be referred to in the bidding documents, and the bidders are advised to obtain copies directly from FIDIC.*

* Add the following text if the bidding documents, as issued, do not include a copy: “Copies of the FIDIC Conditions of Contract can be obtained from:
FIDIC Secretariat
P.O. Box 86
1000 Lausanne 12
Switzerland
e-mail: fidic.pub@fidic.org – FIDIC.org/bookshop]



FEDERATION INTERNATIONAL
INGENIEURS-CONSEILS

DES

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 4th Edition, 1987 reprinted in 1992
with further amendments can be obtained from:

FIDIC SECRETARIAT

P.O BOX NO. 86

1000 Lausanne 12

Switzerland

e-mail fidic.pub@fidic.org - FIDIC.org/bookshop

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

1.1 Definitions

(a) (i) The Procuring Entity is **Communication and Works (C&W) Department through Executive Engineer C&W Division Kohistan Lower.**

(a) (iv) The Engineer is The **Executive Engineer C&W Division Kohistan Lower**, or any other competent person appointed by the Procuring Entity, 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) “Program” means the program to be submitted by the Contractor in accordance with Sub-Clause 14.1 and any approved revisions thereto.

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

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

2.1 Engineer's Duties and Authority

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

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

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

- (ii) Certifying additional cost determined under Sub-Clause 12.2 “Not Foreseeable Physical Obstructions or Conditions”.
- (iii) Any action under Clause 10 “Performance Security” and Clauses 21,23,24 & 25 “Insurance” of sorts.
- (iv) Any action under Clause 40 “Suspension”.
- (v) Any action under Clause 44 “Extension of Time for Completion”.
- (vi) Any action under Clause 47 “Liquidated Damages for Delay” or Payment of Bonus for Early Completion of Works (PCC Sub-Clause 47.3).
- (vii) Issuance of “Taking Over Certificate” under Clause 48.
- (viii) Issuing a Variation Order under Clause 51, except:
 - a) in an emergency* situation, as stated here below, or
 - b) if such variation would increase the Contract Price by less than the amount stated in the Appendix-A to Bid.
- (ix) Fixing rates or prices under Clause 52.
- (x) Extra payment as a result of Contractor’s claims under Clause 53.
- (xi) Release of Retention Money to the Contractor under Sub-Clause 60.3 “Payment of Retention Money”.
- (xii) Issuance of “Final Payment Certificate” under Sub-Clause 60.8.
- (xiii) Issuance of “Defect Liability Certificate” under Sub-Clause 62.1.
- (xiv) Any change in the ratios of Contract currency proportions and payments thereof under Clause 72 “Currency and Rate of Exchange”.

(Note: Procuring Entity may further vary according to need of the project)

* (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 Procuring Entity.)

2.2 Engineer's Representative

The following paragraph is added:

The Procuring Entity 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 Procuring Entity intends to replace the Engineer, the Procuring Entity 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 Procuring Entity shall not replace the Engineer with a person against whom the Contractor raises reasonable objection by notice to the Procuring Entity, with supporting particulars."

5.1 Language(s) and Law

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

5.2 Priority of Contract Documents

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

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

(10) The Specifications; and

(11) _____

_____ (any other).

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

The following Sub-Clauses 6.6 and 6.7 are added:

6.6 Shop Drawings

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

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

6.7 As-Built Drawings

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

10.1 Performance Security

The Contractor shall provide Performance Security to the Procuring Entity in the prescribed form. The said Security shall be furnished or caused to be furnished by the Contractor within 28 days after the receipt of the Letter of Acceptance. The Performance Security shall be of an amount equal to 10% of the Contract Price stated in the Letter of Acceptance. Such Security shall, at the option of the bidder, be in the form of either (a) bank guarantee from any Scheduled Bank in Pakistan or (b) bank guarantee from a bank located outside Pakistan duly counter-guaranteed by a Scheduled Bank in Pakistan [deleted]⁶.

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

The following Sub-Clause 10.4 is added:

⁶ Words "(c) an insurance company having at least AA rating from PACRA/JCR" deleted by KPPRA Notification

No. KPPRA/M&E/Estt:/1-4/2016 dated May 24, 2016.

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 Program to be Submitted

The program 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.
- ii) a CPM identifying the critical path/activities.

(Procuring Entity to select appropriate one)

14.3 Cash Flow Estimate to be Submitted

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

The following Sub-Clause 14.5 is added:

14.5 Detailed Program and Monthly Progress Report

- a) For purposes of Sub-Clause 14.1, the Contractor shall submit to the Engineer detailed program 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 8 day of the following month, 5 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 program of inspection and testing;
 - (4) Monthly summary of daily job record;
 - (5) Photographs to illustrate progress ;and
 - (6) Information about problems and difficulties encountered, if any, and proposals to overcome the same.
- (c) During the period of the Contract, the Contractor shall keep a daily record of the work progress, which shall be made available to the Engineer as and when requested. The daily record shall include particulars of weather conditions, number of men working, deliveries of materials, quantity, location and assignment of Contractor's equipment.

The following Sub-Clauses 15.2 and 15.3 are added:

15.2 Language Ability of Contractor's Representative

The Contractor's authorized representative shall be fluent in the English language. Alternately an interpreter with ability of English language shall be provided by the Contractor on full time basis. The Engineer / Procuring Entity, however, may relax conditions of the language from English to other local languages if deemed appropriate,

15.3 Contractor's Representative

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

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

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. The Engineer / Procuring Entity, however, may relax conditions of the language from English to other local languages if deemed appropriate,

16.4 Employment of Local Personnel

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

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 and KPK with such modifications thereto as the Engineer may authorize or direct and the Contractor shall take or cause to be taken such further measures and comply with such further requirements as the Engineer may determine to be reasonably necessary for such purpose.

The Contractor shall 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 Procuring Entity's Risks

The Procuring Entity's risks are:

Delete the text and substitute with the following:

- (a) insofar as they directly affect the execution of the Works in KPK

- (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 Procuring Entity of any Section or part of the Permanent Works, except as may be provided for in the Contract;
- (c) loss or damage to the extent that it is due to the design of the Works, other than any part of the design provided by the Contractor or for which the Contractor is responsible; and
- (d) any operation of the forces of nature (insofar as it occurs on the Site) which an experienced contractor:
- (i) could not have reasonably foreseen, or
 - (ii) could reasonably have foreseen, but against which he could not reasonably have taken at least one of the following measures:
 - (a) prevent loss or damage to physical property from occurring by taking appropriate measures, or
 - (b) insure against.

21.1 Insurance of Works and Contractor's Equipment

(Procuring Entity may vary this Sub-clause 1.1 (b))

21.4 Exclusions

The text is deleted and substituted with the following:

There shall be no obligation for the insurances in Sub-Clause 21.1 to include loss or damage caused by the risks listed under Sub-Clause 20.4 para (a) (i) to (iv).

The following Sub-Clause 25.5 is added:

25.5 Insurance Company

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

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 Procuring Entity 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 Procuring Entities 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 Procuring Entity or the Engineer; except with the prior written consent of the Procuring Entity 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 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 recognized festivals, days of rest and religious and other customs.

34.11 Disorderly Conduct

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

34.12 Compliance by Subcontractors

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

The following Sub-Clauses 35.2 and 35.3 are added:

35.2 Records of Safety and Health

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

35.3 Reporting of Accidents

The Contractor shall report to the Engineer details of any accident as soon as possible after its occurrence. In the case of any fatality or serious accident, the Contractor shall, in addition, notify the Engineer immediately by the quickest available means. The following Sub-Clause 36.6 is added:

36.6 Use of Pakistani Materials and Services

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

The following Sub-Clause 47.3 is added:

47.3 Bonus for Early Completion of Works

The Contractor shall in case of earlier completion for either whole or part(s) of the Works pursuant to Sub-Clauses 48.1 and 48.2(a) respectively of the General Conditions of Contract, be paid bonus up-to a limit and at a rate equivalent to 50% of the relevant limit and rate of liquidated damages prescribed in Appendix-A to Bid “Special Stipulations”.

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 VariationsAt 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 28 days from the date of disagreement whichever is later.

53.4 Failure to Comply

This Sub-Clause is deleted in its entirety.

54.3 Customs Clearance

(Procuring Entity may vary this Sub-Clause)

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:

59.4 Payments to Nominated Subcontractors

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

59.5 Certification of Payments & Nominated Subcontractors

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

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

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

60.1 Monthly Statements

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

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

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

60.2 Monthly Payments

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

60.10 Time for Payment

The text is deleted and substituted with the following:

The amount due to the Contractor under any Interim Payment Certificate issued by the Engineer pursuant to this Clause, or to any other terms of the Contract, shall, subject to

Clause 47, be paid by the Procuring Entity to the Contractor within 30 days after such Interim Payment Certificate has been jointly verified by Procuring Entity 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 Procuring Entity and Contractor; Provided that the Interim Payment shall be caused in 42 days and Final Payment in 60 days in case of foreign funded project. In the event of the failure of the Procuring Entity to make payment within the times stated, the Procuring Entity shall pay to the Contractor compensation at the 28 days rate of KIBOR+2% per annum for local currency and LIBOR+1% for foreign currency, upon all sums unpaid from the date by which the same should have been paid. The provisions of this Sub-Clause are without prejudice to the Contractor's entitlement under Clause 69.

The following Sub-Clause 60.11 is added:

60.11 Secured Advance on Materials

- a) The Contractor shall be entitled to receive from the Procuring Entity Secured Advance against an indemnity bond acceptable to the Procuring Entity of such sum as the Engineer may consider proper in respect of non-perishable materials brought at the Site but not yet incorporated in the Permanent Works provided that:
 - (1) The materials are in accordance with the Specifications for the Permanent Works;
 - (2) Such materials have been delivered to the Site and are properly stored and protected against loss or damage or deterioration to the satisfaction of the Engineer but at the risk and cost of the Contractor;
 - (3) The Contractor's records of the requirements, orders, receipts and use of materials are kept in a form approved by the Engineer, and such records shall be available for inspection by the Engineer;
 - (4) The Contractor shall submit with his monthly statement the estimated value of the materials on Site together with such documents as may be required by the Engineer for the purpose of valuation of materials and providing evidence of ownership and payment therefor;
 - (5) Ownership of such materials shall be deemed to vest in the Procuring Entity and these materials shall not be removed from the Site or otherwise disposed of without written permission of the Procuring Entity; and
 - (6) The sum payable for such materials on Site shall not exceed 75 % of the (i) landed cost of imported materials, or (ii) ex-factory / ex-warehouse price of locally manufactured or produced materials, or (iii) market price of other materials.
- (b) The recovery of Secured Advance paid to the Contractor under the above provisions shall be effected from the monthly payments on actual consumption basis.

60.11 Financial Assistance to Contractor

Financial assistance shall be made available to the Contractor by the Procuring Entity by adopting any one of the following three Alternatives:

(Appropriate alternative only to be retained)

Alternative One: Mobilization Advance

- (a) An interest-free Mobilization Advance 10-15 % of the Contract Price stated in the Letter of Acceptance shall be paid by the Procuring Entity to the Contractor in two equal parts
- (b) upon submission by the Contractor of a Mobilization Advance Guarantee/ for the full amount of the Advance in the specified form from a Scheduled Bank in Pakistan :
 - (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 third month after the date of payment of first part of Advance and the last installment two months before the date of completion of the Works as per Clause 43 hereof.

Alternative Two: Mobilization/ Demobilization Cost

Mobilization Cost shall be paid to the Contractor as a part of the priced Bill of Quantities. This cost shall not exceed 10 % of the Tender Price and shall be paid to the Contractor as follows:

- (i) 80 % of the Mobilization Cost shall be paid for mobilization at Site. This payment shall be in three stages as follows:
 - Stage I: 20 % of Mobilization Cost upon obtaining and furnishing of Performance Security and insurance policies and construction of camp and housing facilities as required under the Contract;
 - Stage II: 30 % of Mobilization Cost upon providing & installing preliminary requirements of Contractor's Equipment, materials and temporary structures for the commencement of Works to the satisfaction of the Engineer and achieving 3 % value of the Works (excluding payment under Stage-I);
 - Stage III: 30 % of Mobilization Cost upon providing balance Contractor's Equipment to complete full requirement for the entire work and after achievement of progress to the extent of 6 % value of the Works (excluding payments under Stages I and II); and
- (ii) 20 % of Mobilization Cost shall be paid for operation and maintenance of the constructed facilities and for demobilization as per schedule of payment to be submitted by the Contractor in accordance with Clause 57.2 and approved by the Engineer.

Alternative Three: Materials Supplied by Procuring Entity

The Procuring Entity shall supply to the Contractor materials, like cement, steel, bitumen or any other material whichever deemed necessary to complete the project; and the cost thereof shall be recovered from the Contractor through monthly statements on the basis of actual consumption.

The list of materials, quantities and rates to be charged to the Contractor shall be provided along with Appendix-A to Bid “Special Stipulations”.
(Procuring Entity may opt either “Secured Advance on Materials” or “Financial Assistance to Contractor”)

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 Procuring Entity against the Contractor under this Clause, the Procuring Entity 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 as well as under the prevailing rules of KPPRA.

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 _____,
_____, 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 Procuring Entity 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 Procuring Entity and Engineer

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

a) The Procuring Entity:

C&W Department through the Executive Engineer C&W Division

Kohistan Lower

b) The Engineer: **the Executive Engineer C&W Division Kohistan Lower**

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 of such 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:-

$$P_n = A + b \frac{L_n - L_0}{L_0} + c \frac{M_n - M_0}{M_0} + d \frac{E_n - E_0}{E_0} + \dots$$

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 , etc., 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 , etc., shall be one;

Ln, Mn, En, etc., 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; and

Lo, Mo, Eo, etc., 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 and weightages shall be those listed in Appendix-C to Bid, duly filled in by the Procuring Entity /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 indices or prices relating to the prescribed time for completion, or the current indices or prices, whichever is more favorable to the Procuring Entity, provided that if an extension of time is granted pursuant to Clause 44, the above provision shall apply only 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, 77.1and 78.1 are added:

73.1 Payment of Income Tax

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

73.2 Customs Duty & Taxes

(Procuring Entity may incorporate provisions where applicable)

74.1 Integrity Pact

If the Contractor or any of his Subcontractors, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Contractor as Appendix-L to his Bid, then the Procuring Entity 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 Procuring Entity 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 Procuring Entity under Sub-Para (a) and (c) of this Sub-Clause.

75.1 Termination of Contract for Procuring Entity's Convenience

The Procuring Entity shall be entitled to terminate the Contract at any time for the Procuring Entity'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 Procuring Entity 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 Procuring Entity 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 Procuring Entity for the fulfillment 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 Procuring Entity.

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 Procuring Entity 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.

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