

SPPRA BIDDING DOCUMENT

STANDARD FORM OF BIDDING DOCUMENT

FOR

**SCHOOL IMPROVEMENT THROUGH ADOPT A
SCHOOL INTERVENTION KARACHI DIVISION AT
INTELEGENCE COLONY GIRLS SECONDARY
SCHOOL SULTANABAD KEAMARI KARACHI.**

(ADP NO: 523 OF 2014-15)

INSTRUCTIONS TO PROCURING AGENCIES

INSTRUCTIONS TO PROCURING AGENCIES
(Not to be included in Bidding Documents)

A. Basis of Documents

These Documents have been prepared as a global document intended to be used by different agencies/users according to their requirements. This document is envisaged for National Competitive Bidding (NCB), meant for use for Works costing not more than Rs. 25 Million. These documents may be tailored according to the scope of works as well as in case of contracts on International Competitive Bidding (ICB) basis, funded by international financial institutions/donors, with payments in foreign currencies. Procuring agencies are then to tailor the relevant clauses to suit their requirements including appropriate modifications in the relevant sections of the documents in the light of SPPRA Bidding Documents for Large Works.

The Procuring Agency is expected to manage the Contract itself. The role of Engineer may be added by the Procuring Agency, if the Procuring Agency wishes to engage a consultant. The role of the Engineer with specific delegated powers under various clauses of Instructions to Bidders such as clarifications of Bid Documents, Amendment of Bid Documents, evaluation of Bids etc. and to administer the Contract under various clauses of Conditions of Contract should have been specified. The Procuring Agency will be required to set out in the specifications and drawings the full scope of work including the extent of design to be done by the Contractor, if any.

B. Contents of Documents

As stated in Clause IB.4 of Instructions to Bidders, the complete Bidding Documents in addition to Invitation for Bids shall comprise items listed therein including any addendum to Bidding Documents issued in accordance with IB.6. The Standard Form of Bidding Documents (for Small Contracts) includes the following:

1. Instructions to Bidders & Bidding Data
2. Form of Bid & Schedules to Bid
3. Conditions of Contract & Contract Data
4. Standard Forms
5. Specifications
6. Drawings, if any

In addition, Instructions to procuring agencies are also provided at various locations of this document within parenthesis or as a Note(s). Procuring agencies are expected to edit or finalise this document accordingly, by filling in all the relevant blank spaces and forms as per the scope of the work, deleting all notes and instructions intended to help the bidders.

The procuring agency is required to prepare the following for completion of the Bidding Documents:

- (i) Invitation for Bids

- (ii) Bidding Data
- (iii) Schedules to Bid (Samples)
- (iv) Schedule of Prices (Format)
- (v) Contract Data
- (vi) Specifications
- (vii) Drawings, if any

The Procuring agency's attention is drawn to the following while finalizing the Bidding Documents.

C. Notice Inviting Tender/ Invitation for Bids/ Request for Expression of Interest

The –Notice Inviting Tender is meant for publication of tenders for calling bids in the newspapers and SPPRA Website.

The blank spaces wherever shown are required to be filled by the Procuring Agency before issuance of Bidding Documents.

The Procuring Agency may modify para 1 of Notice Inviting Tender as per its requirements. The notice should be published so as to give the interested bidders sufficient working period for preparation and submission of bids – not less than 15 days for National Competitive Bidding and 45 days for International Competitive Bidding (SPP Rule 18).

1. The eligible bidders are defined in IB.2; the text can be amended by the Procuring Agency as deemed appropriate.
2. The non-refundable fee for the sale of Bidding Documents should be nominal so as to cover printing/reproduction and mailing costs and to ensure that only bona-fide bidders shall apply (SPP Rule 20).
3. The amount of Bid Security should be a lump sum figure or a percentage, but not less than 1% and more than 5% of bid price and should be in accordance with IB.13.1 (SPP Rule 37).
4. If the venue of receipt of bids and the opening of bids is the same, the times for receipt and opening of bids are to be entered in last Para of the Notice Inviting Tender, otherwise indicate the name, address and exact location for the opening of bids. However the date for the receipt and the opening of bids shall be same (SPP Rule 41).

D. Instructions to Bidders

These Instructions to Bidders will not be part of Contract and will cease to have effect once the Contract is signed along with Bidding Data.

The Instructions to Bidders can be used as given. Procuring agency may have to make changes under Bidding Data.

The Procuring Agency's or Engineer's Representative, if any, shall exercise powers of the Engineer/Procuring Agency under and in connection with Clauses IB.5, IB.6, IB.16, etc. In

case an Engineer has been appointed by the Procuring Agency, the aforesaid clauses may be modified accordingly to specify the role of the Engineer by the Procuring Agency, otherwise the Engineer's reference wherever exist, except Sub-Clause 1.1.20 & Clause 15 of Conditions of Contract and Item 1.1.20 of Contract Data, shall be deleted.

E. Bidding Data

The blank spaces wherever shown in Bidding Data are required to be filled by the Engineer/Procuring Agency before issuance of Bidding Documents.

1. Contents of IB.10.3 may be retained or modified by the Procuring Agency.
2. Procuring Agency should insert required experience in IB.11.2.
3. Referring to IB.14.1, the period of bid validity may range from 30 to 90 days depending upon the size and nature of the works. Number of days shall be filled in as per Procuring Agency's requirements.
4. Contents of IB.16.3 to IB.16.8 may be retained or modified by the Procuring Agency in accordance with its requirements.

F. Schedules to Bid

Specimen of Schedules to Bid including format of Schedule of Prices are provided in this document. The Procuring Agency may add/delete/modify as per its requirement.

The blank spaces wherever shown are required to be filled by the Engineer/Procuring Agency before issuance of Bidding Documents except those required to be provided by the Contractor.

G. Conditions of Contract

The procuring agency while preparing Contract Data, shall ensure that no Clause of Conditions of Contract is deleted and that the changes included in Contract Data shall be such as not to change the spirit of the document. Any adjustment or change in clauses of Conditions of Contract to meet specific project features shall be made with care and incorporated in Contract Data.

H. Contract Data

The blank spaces wherever shown are required to be filled by the Engineer/Procuring Agency before issuance of Bidding Documents.

1. Referring to Sub-Clause 1.1.1 of Conditions of Contract, the Engineer/Procuring Agency may add, in order of priority, such other documents as to form part of the Contract, in Sub-Clause 1.3 of the Contract Data.
2. The Procuring Agency's Representative, if any, shall exercise powers of the Procuring Agency under and in connection with Sub-Clauses 1.3, 2.3, 4.2, 4.3, 5.1, 7.3, 8.2, 9.1, 9.2, 10.1, 10.2, 10.5, 11.1, 11.5, 12.1, 13.2 and 14.1 of the Conditions of Contract. In case an Engineer has been appointed by the Procuring Agency, the aforesaid clauses may be modified accordingly by the Procuring Agency.

3. The sum insured for different insurances including minimum amount of third party insurance should be assessed by the Engineer/Procuring Agency and entered in Contract Data. Such insurance cover shall be carried out with Insurance Company having at least AA rating from PACRA / JCR in the favour of the procuring agency.
4. The time for completion of the whole of the works should be assessed by the Engineer/Procuring Agency and entered in the Contract Data.
5. The Conditions of Contract contain no overall limit on the Contractor's liability. The amount of **liquidated damages** per day of delay shall be entered by the Engineer/Procuring Agency in Contract Data. Usually the liquidated damages are set between **0.05 percent and 0.10 percent per day and the maximum limit as 10 percent of contract price stated in the Letter of Acceptance.**
6. Any amendment and/or additions to the Conditions of the Contract that are specific to a given Bid/Contract should be included by the Procuring agency. This may include but not be limited to the provisions regarding the following:
 - a) Terms of Payment should be prepared and incorporated in Contract Data by the Engineer/Procuring Agency.
 - b) The Engineer/Procuring Agency to make sure that all taxes and duties are included by the Bidders/Contractors in their prices.

I. Specifications

To be prepared and incorporated by the Engineer/Procuring Agency

J. Drawings

To be prepared and incorporated by the Engineer/Procuring Agency, if required.

SUMMARY OF CONTENTS

<u>Subject</u>	<u>Page No</u>
(I) INVITATION FOR BIDS.....	02
(II) INSTRUCTIONS TO BIDDERS & BIDDING DATA.....	04
(III) FORM OF BID & SCHEDULES TO BID.....	19
(IV) CONDITIONS OF CONTRACT & CONTRACT DATA.....	33
(V) STANDARD FORMS.....	54
(VI) SPECIFICATIONS.....	67
(VII) DRAWINGS.....	68

INVITATION FOR BIDS

INVITATION FOR BIDS

Date:_____:

Bid Reference No.:_____.

1. The Procuring Agency, _Executive Engineer Education Works Division-I Karachi invites sealed bids from interested firms or persons licensed by the Pakistan Engineering Council in the *appropriate* category for the Work, **“School Improvement Through Adopt a School Intervention Karachi Division at Intelgence Colony Girls Secondary School Sultanabad Keamari Karachi (ADP No: 523 of 2014-15). ”** which will be completed in 08 Months.
2. A complete set of Bidding Documents may be purchased by an interested eligible bidder on submission of a written application to the office given below and upon payment of a non-refundable fee of Rupees 3000. Bidders may acquire the Bidding Documents from the Office of the Executive Engineer Education Works Division-I Karachi at Plot No: JM/3/379 F/Floor Jigar Muradabadi Road New Town Karachi.
3. All bids must be accompanied by a Bid Security in the amount of Rs. **2.00%** of bid price in the form of Pay Order and must be delivered to concerned dealing official of office of Executive Engineer Educaiton Works Division-I Plot No: JM/3/379 Jigar Muradabadi Road New Town Karachi. at or before 1:00 P.m on _____ .
Bids will be opened at 2:00 PM on _____ hours on the same day in the presence of bidders’ representatives who choose to attend, at the same address

- [Note: 1. *Procuring Agency to enter the requisite information in blank spaces.*
2. *The bid shall be opened within one hour after the deadline for submission of bids.*]

INSTRUCTIONS TO BIDDERS & BIDDING DATA

Notes on the Instructions to Bidders

This section of the bidding documents should provide the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Executive Engineer Education Works Division-I Karachi.

It should also give information on bid submission, opening and evaluation, and on the award of contract.

Matters governing the performance of the Contract or payments under the Contract, or matters affecting the risks, rights, and obligations of the parties under the Contract are not normally included in this Section, but rather in the appropriate sections of the *Conditions of Contract* and/or *Contract Data*.

TABLE OF CONTENTS

INSTRUCTIONS TO BIDDERS

<i>Clause No.</i>	<i>Description</i>	<i>Page No.</i>
A. GENERAL		
IB.1	Scope of Bid & Source of Funds.....	6
IB.2	Eligible Bidders.....	6
IB.3	Cost of Bidding.....	7
B. BIDDING DOCUMENTS		
IB.4	Contents of Bidding Documents.....	7
IB.5	Clarification of Bidding Documents.....	7
IB.6	Amendment of Bidding Documents.....	8
C- PREPARATION OF BID		
IB.7	Language of Bid.....	8
IB.8	Documents Comprising the Bid.....	8
IB.9	Sufficiency of Bid.....	8
IB.10	Bid Prices, Currency of Bid & Payment.....	9
IB.11	Documents Establishing Bidder’s Eligibility and Qualifications... 9	9
IB.12	Documents Establishing Works Conformity to Bidding Documents.....	9
IB.13	Bidding Security.....	10
IB.14	Validity of Bids, Format, Signing and Submission of Bid.....	10
D-SUBMISSION OF BID		
IB.15	Deadline for Submission, Modification & Withdrawal of Bids....	11
E. BID OPENING AND EVALUATION		
IB.16	Bid Opening, Clarification and Evaluation.....	12
IB.17	Process to be Confidential.....	13
F. AWARD OF CONTRACT		
IB.18	Qualification.....	13
IB.19	Award Criteria & Procuring Agency’s Right.....	14
IB.20	Notification of Award & Signing of Contract Agreement.....	14
IB.21	Performance Security.....	14
IB.22	Integrity Pact.....	15

INSTRUCTIONS TO BIDDERS

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

A. GENERAL

IB.1 Scope of Bid & Source of Funds

1.1 Scope of Bid

The Procuring Agency as defined in the Bidding Data (hereinafter called the Procuring Agency) wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as “the Works”).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

1.2 Source of Funds

The Procuring Agency has arranged funds from *Provincial Government* which may be indicated accordingly in bidding data towards the cost of the project / scheme.

IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

- a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.
- b) The Bider are directed to provide following information.
 - (i) company profile;
 - (ii) works of similar nature and size for each performed in last 3 years;
 - (iii) construction equipments;
 - (iv) qualification and experience of technical personnel and key site management;

- (v) financial statement of last 3 years;
- (vi) information regarding litigations and abandoned works if any.

IB.3 Cost of Bidding

- 3.1 The bidder shall bear all costs associated with the preparation and submission of its bid and the Procuring Agency will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process (SPP Rules 24 & 25).

B. BIDDING DOCUMENTS

IB.4 Contents of Bidding Documents

- 4.1 In addition to Invitation for Bids, the Bidding Documents are those stated below, and should be read in conjunction with any Addendum issued in accordance with Sub-Clause IB.6.1.

1. Instructions to Bidders & Bidding Data
2. Form of Bid, Qualification Information & Schedules to Bid
Schedules to Bid comprise the following:
 - (i) Schedule A: Schedule of Prices/ Bill of Quantities (BoQ).
 - (ii) Schedule B: Specific Works Data
 - (iii) Schedule C: Works to be Performed by Subcontractors
 - (iv) Schedule D: Proposed Programme of Works
 - (v) Schedule E: Method of Performing Works
 - (vi) Schedule F: Integrity Pact (works costing Rs 10 million and above)
3. Conditions of Contract & Contract Data
4. Standard Forms:
 - (i) Form of Bid Security,
 - (ii) Form of Performance Security;
 - (iii) Form of Contract Agreement;
 - (iv) Form of Bank Guarantee for Advance Payment.
5. Specifications
6. Drawings, if any

IB.5 Clarification of Bidding Documents

- 5.1 A prospective bidder requiring any clarification(s) in respect of the Bidding Documents may notify the Engineer at the Engineer's address indicated in the Bidding Data.

- 5.2 An interested bidder, who has obtained bidding documents, may request for clarification

of contents of bidding documents in writing and procuring agency shall respond to such queries in writing within three calendar days, provided they are received at least five calendar days prior to the date of opening of bid (SPP Rule 23-1).

;

IB.6 Amendment of Bidding Documents (SPP Rules 22(2) & 22).

- 6.1 At any time prior to the deadline for submission of Bids, the Procuring Agency may, for any reason, whether at his own initiative or in response to a clarification requested by a interested bidder, modify the Bidding Documents by issuing addendum.
- 6.2 Any addendum thus issued shall be part of the Bidding Documents pursuant to Sub-Clause 6.1 hereof, and shall be communicated in writing to all purchasers of the Bidding Documents. Prospective bidders shall acknowledge receipt of each addendum in writing to the Procuring Agency.
- 6.3 To afford interested bidders reasonable time in which to take an addendum into account in preparing their Bids, the Procuring Agency may at its discretion extend the deadline for submission of Bids.

C. PREPARATION OF BIDS

IB.7 Language of Bid

- 7.1 All documents relating to the Bid shall be in the language specified in the Contract Data.

IB.8 Documents Comprising the Bid

- 8.1 The Bid submitted by the bidder shall comprise the following:
 - (a) Offer /Covering Letter
 - (b) Form of Bid duly filled, signed and sealed, in accordance with IB.14.3.
 - (c) Schedules (A to F) to Bid duly filled and initialed, in accordance with the instructions contained therein & in accordance with IB.14.3.
 - (d) Bid Security furnished in accordance with IB.13.
 - (e) Power of Attorney in accordance with IB 14.5.
 - (f) Documentary evidence in accordance with IB.2(c) & IB.11
 - (g) Documentary evidence in accordance with IB.12.

IB.9 Sufficiency of Bid

- 9.1 Each bidder shall satisfy himself before Bidding as to the correctness and sufficiency of his Bid and of the premium on the rates of CSR / rates and prices quoted/entered in the Schedule of Prices, which rates and prices shall except in so far as it is otherwise expressly provided in the Contract, cover all his obligations under the Contract and all matters and things necessary for the proper completion of the works.

9.2 The bidder is advised to obtain for himself at his own cost and responsibility all information that may be necessary for preparing the bid and entering into a Contract for execution of the Works.

IB.10 Bid Prices, Currency of Bid and Payment

10.1 The bidder shall fill up the Schedule of Prices (Schedule A to Bid) indicating the percentage above or below the Composite Schedule of Rates/unit rates and prices of the Works to be performed under the Contract. Prices in the Schedule of Prices/Bill of Quantities shall be quoted entirely in Pak Rupees keeping in view the instructions contained in the Preamble to Schedule of Prices.

10.2 Unless otherwise stipulated in the Conditions of Contract, prices quoted by the bidder shall remain fixed during the bidder's performance of the Contract and not subject to variation on any account.

10.3 The unit rates and prices in the Schedule of Prices or percentage above or below on the composite schedule of rates shall be quoted by the bidder in the currency as stipulated in Bidding Data.

10.4 Items for which no rate or price is entered by the Bidder will not be paid for by the Procuring Agency when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities.

IB.11 Documents Establishing Bidder's Eligibility and Qualifications

11.1 Pursuant to Clause IB.8, the bidder shall furnish, as part of its bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.

11.2 Bidder must possess and provide evidence of its capability and the experience as stipulated in Bidding Data and the Qualification Criteria mentioned in the Bidding Documents.

IB.12 Documents Establishing Works' Conformity to Bidding Documents

12.1 The documentary evidence of the Works' conformity to the Bidding Documents may be in the form of literature, drawings and data and the bidder shall furnish documentation as set out in Bidding Data.

12.2 The bidder shall note that standards for workmanship, material and equipment, and references to brand names or catalogue numbers, if any, designated by the Procuring Agency in the Technical Provisions are intended to be descriptive only and not restrictive.

IB.13 Bid Security

- 13.1 Each bidder shall furnish, as part of his bid, at the option of the bidder, a Bid Security as percentage of bid price/estimated cost or in the amount stipulated in Bidding Data in Pak. Rupees in the form of *Payee's Order* issued by a Scheduled Bank in Pakistan in favour of the Executive Engineer Education Works Division-I valid for a period up to twenty eight (28) days beyond the bid validity date (*Bid security should not be below 2% of bid price/estimated cost*).
- 13.2 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Procuring Agency as non-responsive.
- 13.3 The bid securities of unsuccessful bidders will be returned upon award of contract to the successful bidder or on the expiry of validity of Bid Security whichever is earlier.
- 13.4 The Bid Security of the successful bidder will be returned when the bidder has furnished the required Performance Security, and signed the Contract Agreement (SPP Rule 37).
- 13.5 The Bid Security may be forfeited:
- (a) if a bidder withdraws his bid during the period of bid validity; or
 - (b) if a bidder does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) hereof; or
 - (c) in the case of a successful bidder, if he fails within the specified time limit to:
 - (i) furnish the required Performance Security or
 - (ii) sign the Contract Agreement.

IB.14 Validity of Bids, Format, Signing and Submission of Bid

- 14.1 Bids shall remain valid for the period stipulated in the Bidding Data after the date of bid opening.
- 14.2 In exceptional circumstances, Procuring Agency may request the bidders to extend the period of validity for a additional period but not exceeding 1/3 of the original period. The request and the bidders' responses shall be made in writing or by cable. A Bidder may refuse the request without forfeiting the Bid Security. A Bidder agreeing to the request will not be required or permitted to otherwise modify the Bid, but will be required to extend the validity of Bid Security for the period of the extension, and in compliance with IB.13 in all respects (SPP Rule 38).
- 14.3 All Schedules to Bid are to be properly completed and signed.
- 14.4 No alteration is to be made in the Form of Bid except in filling up the blanks as directed. If any alteration be made or if these instructions be not fully complied with, the bid may be rejected.

- 14.5 Each bidder shall prepare Original and number of copies specified in the Bidding Data of the documents comprising the bid as described in IB.8 and clearly mark them —ORIGINAL and —COPY as appropriate. In the event of discrepancy between them, the original shall prevail.
- 14.6 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign (in the case of copies, Photostats are also acceptable). This shall be indicated by submitting a written Power of Attorney authorising the signatory of the bidder to act for and on behalf of the bidder. All pages of the bid shall be initialed and official seal be affixed by the person or persons signing the bid.
- 14.7 The Bid shall be delivered in person or sent by registered mail at the address to Procuring Agency as given in Bidding Data.

D. SUBMISSION OF BID

IB.15 Deadline for Submission, Modification & Withdrawal of Bids

- 15.1 Bids must be received by the Procuring Agency at the address/provided in Bidding Data not later than the time and date stipulated therein.
- 15.2 The inner and outer envelopes shall
- (a) be addressed to the Procuring Agency at the address provided in the Bidding Data;
 - (b) bear the name and identification number of the Contract as defined in the Bidding and Contract Data; and
 - (c) provide a warning not to open before the specified time and date for Bid opening as defined in the Bidding Data.
 - (d) in addition to the identification required in 15.2, the inner envelopes shall indicate the name and address of the Bidder to enable the Bid to be returned unopened in case it is declared late.
 - (e) If the outer envelope is not sealed and marked as above, the Procuring Agency will assume no responsibility for the misplacement or premature opening of the Bid.
- 15.3 Bids submitted through telegraph, telex, fax or e-mail shall not be considered.
- 15.4 Any bid received by the Procuring Agency after the deadline for submission prescribed in Bidding Data will be returned unopened to such bidder.
- 15.5 Any bidder may modify or withdraw his bid after bid submission provided that the modification or written notice of withdrawal is received by the Procuring Agency prior to the deadline for submission of bids.
- 15.6 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 pursuant to IB.13.5 (a).

E. BID OPENING AND EVALUATION

IB.16 Bid Opening, Clarification and Evaluation (SPP Rules 41, 42 & 43)

16.1 The Procuring Agency will open the bids, in the presence of bidders' representatives who choose to attend, at the time, date and in the place specified in the Bidding Data.

16.2 The bidder's name, Bid Prices, any discount, the presence or absence of Bid Security, and such other details as the Procuring Agency at its discretion may consider appropriate, will be announced by the Procuring Agency at the bid opening. The Procuring Agency will record the minutes of the bid opening. Representatives of the bidders who choose to attend shall sign the attendance sheet.

Any Bid Price or discount which is not read out and recorded at bid opening will not be taken into account in the evaluation of bid.

16.3 To assist in the examination, evaluation and comparison of Bids the Engineer/Procuring Agency may, at its discretion, ask the bidder for a clarification of its Bid. The request for clarification and the response shall be in writing and no change in the price or substance of the Bid shall be sought, offered or permitted (SPP Rule 43).

16.4 (a) Prior to the detailed evaluation, pursuant to IB.16.7 to 16.9, the Engineer/Procuring Agency will determine the substantial responsiveness of each bid to the Bidding Documents. For purpose of these instructions, a substantially responsive bid is one which conforms to all the terms and conditions of the Bidding Documents without material deviations. It will include determining the requirements listed in Bidding Data.

(b) Arithmetical errors will be rectified on the following basis:

If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between the words and figures the amount in words shall prevail. If there is a discrepancy between the Total Bid price entered in Form of Bid and the total shown in Schedule of Prices-Summary, the amount stated in the Form of Bid will be corrected by the Procuring Agency in accordance with the Corrected Schedule of Prices.

If the bidder does not accept the corrected amount of Bid, his Bid will be rejected and his Bid Security forfeited.

16.5 A Bid determined as substantially non-responsive will be rejected and will not subsequently be made responsive by the bidder by correction of the non-conformity.

16.6 Any minor informality or non-conformity or irregularity in a Bid which does not constitute a material deviation (**major deviation**) may be waived by Procuring Agency,

provided such waiver does not prejudice or affect the relative ranking of any other bidders.

(A). Major (material) Deviations include:-

- (i) has been not properly signed;
- (ii) is not accompanied by the bid security of required amount and manner;
- (iii) stipulating price adjustment when fixed price bids were called for;
- (iv) failing to respond to specifications;
- (v) failing to comply with Mile-stones/Critical dates provided in Bidding Documents;
- (vi) sub-contracting contrary to the Conditions of Contract specified in Bidding Documents;
- (vii) refusing to bear important responsibilities and liabilities allocated in the Bidding Documents, such as performance guarantees and insurance coverage;
- (viii) taking exception to critical provisions such as applicable law, taxes and duties and dispute resolution procedures;
- (ix) a material deviation or reservation is one :
 - (a) which affect in any substantial way the scope, quality or performance of the works;
 - (b) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

(B) Minor Deviations

Bids that offer deviations acceptable to the Procuring Agency and which can be assigned a monetary value may be considered substantially responsive at least as to the issue of fairness. This value would however be added as an adjustment for evaluation purposes only during the detailed evaluation process.

- 16.7 The Engineer/Procuring Agency will evaluate and compare only the bids previously determined to be substantially responsive pursuant to IB.16.4 to 16.6 as per requirements given hereunder. Bids will be evaluated for complete scope of works. The prices will be compared on the basis of the Evaluated Bid Price pursuant to IB.16.8 herein below.

Technical Evaluation: It will be examined in detail whether the works offered by the bidder complies with the Technical Provisions of the Bidding Documents. For this purpose, the bidder's data submitted with the bid in Schedule B to Bid will be compared with technical features/criteria of the works detailed in the Technical Provisions. Other technical information submitted with the bid regarding the Scope of Work will also be reviewed.

16.8 Evaluated Bid Price

In evaluating the bids, the Engineer/Procuring Agency will determine for each bid in addition to the Bid Price, the following factors (adjustments) in the manner and to the extent indicated below to determine the Evaluated Bid Price:

- (i) making any correction for arithmetic errors pursuant to IB.16.4 hereof.

- (ii) discount, if any, offered by the bidders as also read out and recorded at the time of bid opening.
- (iii) excluding **provisional sums** and the provisions for **contingencies** in the Bill of Quantities **if any**, but including **Day work**, where priced competitively.

IB.17 Process to be Confidential

17.1 Subject to IB.16.3 heretofore, no bidder shall contact Engineer/Procuring Agency on any matter relating to its Bid from the time of the Bid opening to the time the bid evaluation result is announced by the Procuring Agency. The evaluation result shall be announced at least seven (07) days prior to award of Contract (SPP Rule 45). 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.

17.2 Any effort by a bidder to influence Engineer/Procuring Agency in the Bid evaluation, Bid comparison or Contract Award decisions may result in the rejection of his Bid. Whereas any bidder feeling aggrieved, may lodge a written complaint to Complaint Redressal Committee as per terms and conditions mentioned in SPP Rules 31 & 32. However, mere fact of lodging a complaint shall not warrant suspension of procurement process.

17.3 Bidders may be excluded if involved in “**Corrupt and Fraudulent Practices**” means either one or any combination of the practices given below SPP Rule2(q);

(i) **-Coercive Practice** means any impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;

(ii) **-Collusive Practice** means any arrangement between two or more parties to the procurement process or contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;

(iii) **“Corrupt Practice”** means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;

(iv) **-Fraudulent Practice** means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

(v) **“Obstructive Practice”** means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit rights provided for under the Rules.

F. AWARD OF CONTRACT

IB.18. Post Qualification

- 18.1 The Procuring Agency, at any stage of the bid evaluation, having credible reasons for or *prima facie* evidence of any defect in contractor's capacities, may require the 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.

- 18.2 The determination will take into account the bidder's financial and technical capabilities. It will be based upon an examination of the documentary evidence of the bidders' qualifications submitted under B.11, as well as such other information required in the Bidding Documents.

IB.19 Award Criteria & Procuring Agency's Right

- 19.1 Subject to IB.19.2, the Procuring Agency will award the Contract to the bidder whose bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid Price, provided that such bidder has been determined to be qualified to satisfactorily perform the Contract in accordance with the provisions of the IB.18.

- 19.2 Notwithstanding IB.19.1, the Procuring Agency reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected bidders or any obligation to inform the affected bidders of the grounds for the Procuring Agency's action except that the grounds for its rejection of all bids shall upon request be communicated, to any bidder who submitted a bid, without justification of the grounds. Notice of the rejection of all the bids shall be given promptly to all the bidders (SPP Rule 25).

IB.20 Notification of Award & Signing of Contract Agreement

- 20.1 Prior to expiration of the period of bid validity prescribed by the Procuring Agency, the Procuring Agency will notify the successful bidder in writing (—Letter of Acceptance) that his bid has been accepted (SPP Rule 49).
- 20.2 Within seven (07) days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Procuring Agency will send the successful bidder the Form of Contract Agreement provided in the Bidding Documents, incorporating all agreements between the parties.
- 20.3 The formal Agreement between the Procuring Agency and the successful bidder duly stamped at rate of 0.30% of bid price (updated from time to time) stated in Letter of Acceptance shall be executed within seven (07) days of the receipt of Form of Contract Agreement by the successful bidder from the Procuring Agency.

IB.21 Performance Security

- 21.1 The successful bidder shall furnish to the Procuring Agency a Performance Security in the form and the amount stipulated in the Conditions of Contract within a period of fourteen (14) days after the receipt of Letter of Acceptance (SPP 39).
- 21.2 Failure of the successful bidder to comply with the requirements of Sub-Clauses IB.20.2 & 20.3 or 21.1 or Clause IB.22 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.
- 21.3 Publication of Award of Contract: within seven days of the award of contract, the procuring shall publish on the website of the authority and on its own website, if such a website exists, the results of the bidding process, identifying the bid through procurement identifying Number if any and the following information:
- (1) Evaluation Report;
 - (2) Form of Contract and letter of Award;
 - (3) Bill of Quantities or Schedule of Requirements. (SPP Rule 50)

IB.22 Integrity Pact The Bidder shall sign and stamp the Form of Integrity Pact provided at Schedule-F to Bid in the Bidding Document for all Sindh Government procurement contracts exceeding Rupees ten (10) million. Failure to provide such Integrity Pact shall make the bid non-responsive (SPP Rule 89).

BIDDING DATA

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

Instructions to Bidders

Clause Reference

1.1 Name of Procuring Agency

Executive Engineer Education Works Division-I Karachi.

Works & Service Department Government of Sindh.

Brief Description of Works

“School Improvement Through Adopt a School Intervention Karachi Division at Intelegence Colony Girls Secondary School Sultanabad Keamari Karachi (ADP No: 532 of 2014-15).”

5.1 (a) Procuring Agency’s address:

Plot No: JM/3/379 F/Floor Jigar Muradabadi Road New
Town Karachi.

(b) Engineer’s address:

Plot No: JM/3/379 F/Floor Jigar Muradabadi Road New
Town Karachi.

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows:

- i. Financial capacity:
- ii. Technical capacity: (*registration with PEC in appropriate category and qualification and experience of the staff*);
- iii. Construction Capacity: (*Provide list of plants and equipments available for this work along with documentry evidence of their owner ship with the bidder*)

- 12.1 (a) A detailed description of the Works, essential technical and performance characteristics.
- (b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

13.1 **Amount of Bid Security**

2.00% of the Bid price

14.1 **Period of Bid Validity**

90 days extendable upto 120 days.

14.4 **Number of Copies of the Bid to be submitted:**

One original only.

14.6 (a) **Procuring Agency's Address for the Purpose of Bid Submission**

Plot No: JM/3/379 F/Floor Jigar Muradabadi Road New Town Karachi.

15.1 **Deadline for Submission of Bids**

Time: 1:00 P.M Date:

16.1 **Venue, Time, and Date of Bid Opening**

Venue: Executive Engineer Education Works Division-I Plot No: JM/3/379/ Jigar Muradabadi Road New Town Karachi.

Time: 2:00 PM Date:

16.4 **Responsiveness of Bids**

- (i) Bid is valid till required period,

- * (ii) Bid prices are firm during currency of contract/Price adjustment;
 - (iii) Completion period offered is within specified limits,
 - (iv) Bidder is eligible to Bid and possesses the requisite experience, capability and qualification.
 - (v) Bid does not deviate from basic technical requirements and
 - (vi) Bids are generally in order, etc.
-
- (a) **Price adjustment contract:** In these contracts escalation will be paid only on those items and in the manner as notified by Finance Department, Government of Sindh, after bid opening during currency of the contract.

FORM OF BID AND SCHEDULES TO BID

FORM OF BID
(LETTER OF OFFER)

Bid Reference No. _____

(Name of Works)

To:

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos. _____ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of and address _____ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs _____ (Rupees _____) or such other sum as may be ascertained in accordance with the said Documents.
2. We understand that all the Schedules 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 in the amount of _____ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.
4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.
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 undertake, if our Bid is accepted, to execute the Performance Security

referred to in Conditions of Contract for the due performance of the Contract.

8. We understand that you are not bound to accept the lowest or any bid you may receive.
9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this _____ day of _____, 20

Signature _____

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

(Name of Bidder in Block Capitals)

(Seal)

Address

Witness:

(Signature) _____

Name: _____

Address: _____

[SCHEDULES TO BID INCLUDE THE FOLLOWING:

- Schedule A to Bid: Schedule of Prices
- Schedule B to Bid: Specific Works Data
- Schedule C to Bid: Works to be Performed by Subcontractors
- Schedule D to Bid: Proposed Program of Works
- Schedule E to Bid: Method of Performing Works
- Schedule F to Bid: Integrity Pact]

SCHEDULE – A TO BID

SCHEDULE OF PRICES

<u>Sr. No.</u>		<u>Page No.</u>
1.	Preamble to Schedule of Prices.....	24
2.	Schedule of Prices.....	26
	* (a) Summary of Bid Prices	
	* (b) Detailed Schedule of Prices /Bill of Quantities (BOQ)	

SCHEDULE - A TO BID

PREAMBLE TO SCHEDULE OF PRICES

1. General

- 1.1 The Schedule of Prices shall be read in conjunction with the Conditions of Contract, Contract Data together with the Specifications and Drawings, if any.
- 1.2 The Contract shall be for the whole of the works as described in these Bidding Documents. Bids must be for the complete scope of works.

2. Description

- 2.1 The general directions and descriptions of works and materials are not necessarily repeated nor summarized in the Schedule of Prices. References to the relevant sections of the Bidding Documents shall be made before entering prices against each item in the Schedule of Prices.

3. Units & Abbreviations

- 3.1 Units of measurement, symbols and abbreviations expressed in the Bidding Documents shall comply with the FPS System

4. Rates and Prices

- 4.1 Except as otherwise expressly provided under the Conditions of Contract, the rates and amounts entered in the Schedule of Prices shall be the rates at which the Contractor shall be paid and shall be the full inclusive value of the works set forth or implied in the Contract; except for the amounts reimbursable, if any to the Contractor under the Contract.
- 4.2 Unless otherwise stipulated in the Contract Data, the premium, rates and prices entered by the bidder shall not be subject to adjustment during the performance of the Contract.
- 4.3 All duties, taxes and other levies payable by the Contractor shall be included in the rates and prices.
- 4.4 The whole cost of complying with the provisions of the Contract shall be included in the items provided in the Schedule of Prices, and where

SCHEDULE - A TO BID

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 and no separate payment will be made for those items.

The rates, prices and amounts shall be entered against each item in the Schedule of Prices. Any item against which no rate or price is entered by the bidder will not be paid for by the Procuring Agency when executed and shall be deemed covered by the rates and prices for other items in the Schedule of Prices.

- 4.5 (a) The bidder shall be deemed to have obtained all information as to and all requirements related thereto which may affect the bid price.
- *(b) The Contractor shall be responsible to make complete arrangements for the transportation of the Plant to the Site.

- 4.6 The Contractor shall provide for all parts of the Works to be completed in every respect. Notwithstanding that any details, accessories, etc. required for the complete installation and satisfactory operation of the Works, are not specifically mentioned in the Specifications, such details shall be considered as included in the Contract Price.

5. Bid Prices

- 5.1 Break-up of Bid Prices
The various elements of Bid Prices shall be quoted as detailed by the Procuring Agency in the format of Schedule of Prices.
The bidder shall recognize such elements of the costs which he expects to incur the performance of the Works and shall include all such costs in the rates and amounts entered in the Schedule of Prices.

- 5.2 Total Bid Price
The total of bid prices in the Schedule of Prices shall be entered in the Summary of Bid Prices.

6. Provisional Sums and Day work

- 6.1 Provisional Sums included and so designated in the Schedule of Prices if any, shall be expended in whole or in part at the direction and discretion of the Engineer/Procuring Agency. The Contractor will only receive payment in respect of Provisional Sums, if he has been instructed by the Engineer/Procuring Agency to utilize such sums.
- 6.2 Day work rates in the contractor's bid are to be used for small additional amounts of work and only when the Engineer have given written instructions in advance for additional work to be paid for in that way.

SCHEDULE OF PRICES – SUMMARY OF BID PRICES (Sample)

Bill No.	Description	Total Amount (Rs)
1.	(A) Civil Work	
2	(B) Water Supply & Sanitary Work	
3	(C) Electric Work	
4	(D) Sui Gas Work	
Total Bid Price (The amount to be entered in Paragraph 1 of the Form of Bid) (In words).		

SCHEDULE OF PRICES

Item No.	Description	Quantity	Unit Rate(Rs)	Total Amount (Rs)
1. 2. 3.	I. (Civil works)			
1. 2. 3.	II. Internal sanitary and water supply.			
1. 2. 3.	III. Electrification.			
1. 2. 3.	IV. External Development works.			
1. 2. 3.	V. Miscellaneous Items			
<p>Total (to be carried to Summary of Bid Price) Add/ Deduct the percentage quoted above/below on the prices of items based on Composite Schedule of Rates.</p>				

SCHEDULE - B TO BID

SPECIFIC WORKS DATA

ALL DRAWINGS AND DESIGNS DULY ATTACHED HAVE TO BE FOLLOWED. THE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE SINDH GOVERNMENT SPECIFICATIONS FOR THE EXECUTION OF WORKS AND WRITTEN INSTRUCTIONS OF THE ENGINEER INCHARGE.

SCHEDULE – C TO BID

WORKS TO BE PERFORMED BY SUBCONTRACTORS*

The bidder will do the work with his own forces and no sub contracting is allowed.



SCHEDULE – D TO BID

PROPOSED PROGRAMME OF WORKS

Bidder shall provide a programme in a bar-chart or Program Evaluation and Review Technique (PERT) or Critical Path Method (CPM) showing the sequence of work items by which he proposes to complete the works of the entire Contract. The programme should indicate the sequence of work items and the period of time during which he proposes to complete the works including the activities like designing, schedule of submittal of drawings, ordering and procurement of materials, manufacturing, delivering, construction of civil works, erection, testing and commissioning of works to be supplied under the Contract.

METHOD OF PERFORMING WORKS

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

- The sequence and methods in which he proposes to carry out the Works, including the number of shifts per day and hours per shift, he expects to work.
- A list of all major items of construction and plant erection, tools and vehicles proposed to be used in delivering/carrying out the works at site.
- The procedure for installation of equipment and transportation of equipment and materials to the site.
- Organisation chart indicating head office & field office personnel involved in management, supervision and engineering of the Works to be done under the Contract.

SCHEDULE – F TO BID

(INTEGRITY PACT)

**DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC
PAYABLE BY CONTRACTORS
(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)**

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

..... [name of Contractor] 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 Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Contractor] 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, from Procuring Agency (PA) except that which has been expressly declared pursuant hereto.

[name of Contractor] accepts full responsibility and strict liability 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 PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[name of Contractor] 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 PA under any law, contract or other instrument, be voidable at the option of PA.

Notwithstanding any rights and remedies exercised by PA in this regard, [name of Supplier/Contractor/Consultant] agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Contractor] 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 PA.

.....
[Procuring Agency]

[Contractor]

CONDITIONS OF CONTRACT

TABLE OF CONTENTS

CONDITIONS OF CONTRACT

<i>Clause No</i>	<i>Description</i>	<i>Page No</i>
1.	General Provisions.....	35
2.	The Procuring Agency.....	37
3.	Engineer's/Procuring Agency's Representatives.....	37
4.	The Contractor.....	38
5.	Design by Contractor.....	38
6.	Procuring Agency's Risks.....	39
7.	Time for Completion.....	40
8.	Taking Over.....	41
9.	Remedying Defects.....	41
10.	Variations and Claims.....	41
11.	Contract Price And Payment.....	43
12.	Default.....	44
13.	Risks and Responsibilities.....	46
14.	Insurance.....	46
15.	Resolution of Disputes.....	47
16.	Integrity Pact.....	48

CONDITIONS OF CONTRACT

1. GENERAL PROVISIONS

1.1 Definitions

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

The Contract

- 1.1.1 —Contract¹ means the Contract Agreement and the other documents listed in the Contract Data.
- 1.1.2 —Specifications¹ means the document as listed in the Contract Data, including Procuring Agency's requirements in respect of design to be carried out by the Contractor (if any), and any Variation to such document.
- 1.1.3 —Drawings¹ means the Procuring Agency's drawings of the Works as listed in the Contract Data, and any Variation to such drawings.

Persons

- 1.1.4 —Procuring Agency¹ means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Contractor) any assignee.
- 1.1.5 —Contractor¹ means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Procuring Agency) any assignee.
- 1.1.6 —Party¹ means either the Procuring Agency or the Contractor.

Dates, Times and Periods

- 1.1.7 —Commencement Date¹ means the date fourteen (14) days after the date the Contract comes into effect or any other date named in the Contract Data.
- 1.1.8 —Day¹ means a calendar day
- 1.1.9 —Time for Completion¹ means the time for completing the Works as stated in the Contract Data (or as extended under Sub-Clause 7.3), calculated from the Commencement Date.

Money and Payments

- 1.1.10 —Cost¹ means all expenditure properly incurred (or to be incurred) by the Contractor, whether on or off the Site, including overheads and similar charges but

does not include any allowance for profit.

Other Definitions

- 1.1.11 —Contractor's Equipment¹¹ means all machinery, apparatus and other things required for the execution of the Works but does not include Materials or Plant intended to form part of the Works.
- 1.1.12 —Country¹² means the Islamic Republic of Pakistan.
- 1.1.13 —Procuring Agency's Risks¹³ means those matters listed in Sub-Clause 6.1.
- 1.1.14 —Force Majeure¹⁴ means an event or circumstance which makes performance of a Party's obligations illegal or impracticable and which is beyond that Party's reasonable control.
- 1.1.15 —Materials¹⁵ means things of all kinds (other than Plant) to be supplied and incorporated in the Works by the Contractor.
- 1.1.16 —Plant¹⁶ means the machinery and apparatus intended to form or forming part of the Works.
- 1.1.17 —Site¹⁷ means the places provided by the Procuring Agency where the Works are to be executed, and any other places specified in the Contract as forming part of the Site.
- 1.1.18 —Variation¹⁸ means a change which is instructed by the Engineer/Procuring Agency under Sub-Clause 10.1.
- 1.1.19 —Works¹⁹ means any or all the works whether Supply, Installation, Construction etc. and design (if any) to be performed by the Contractor including temporary works and any variation thereof.
- 1.1.20 —Engineer²⁰ means the person notified by the Procuring Agency to act as Engineer for the purpose of the Contract and named as such in Contract Data.

1.2 Interpretation

Words importing persons or parties shall include firms and organisations. Words importing singular or one gender shall include plural or the other gender where the context requires.

1.3 Priority of Documents

The documents forming the Contract are to be taken as mutually explanatory of one another. If an ambiguity or discrepancy is found in the documents, the priority of the documents shall be in accordance with the order as listed in the Contract Data.

1.4 **Law**

The law of the Contract is the relevant Law of Islamic Republic of Pakistan.

1.5 **Communications**

All Communications related to the Contract shall be in English language.

1.6 **Statutory Obligations**

The Contractor shall comply with the Laws of Islamic Republic of Pakistan and shall give all notices and pay all fees and other charges in respect of the Works.

2. **THE PROCURING AGENCY**

2.1 **Provision of Site**

The Procuring Agency shall provide the Site and right of access thereto at the times stated in the Contract Data.

Site Investigation Reports are those that were included in the bidding documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.

2.2 **Permits etc.**

The Procuring Agency shall, if requested by the Contractor, assist him in applying for permits, licences or approvals which are required for the Works.

2.3 **Engineer's/Procuring Agency's Instructions**

The Contractor shall comply with all instructions given by the Procuring Agency or the Engineer, if notified by the Procuring Agency, in respect of the Works including the suspension of all or part of the works.

2.4 **Approvals**

No approval or consent or absence of comment by the Engineer/Procuring Agency shall affect the Contractor's obligations.

3. **ENGINEER'S/PROCURING AGENCY'S REPRESENTATIVES**

3.1 **Authorised Person**

The Procuring Agency shall appoint a duly authorized person to act for him and on his behalf for the purposes of this Contract. Such authorized person shall be duly identified in the Contract Data or otherwise notified in writing to the Contractor as soon as he is so appointed. In either case the Procuring Agency shall notify the Contractor, in writing, the precise scope of the authority of such authorized person at the time of his appointment.

3.2 Engineer's/Procuring Agency's Representative

The name and address of Engineer's/Procuring Agency's Representative is given in Contract Data. However the Contractor shall be notified by the Engineer/Procuring Agency, the delegated duties and authority before the Commencement of works.

4. THE CONTRACTOR

4.1 General Obligations

The Contractor shall carry out the works properly and in accordance with the Contract. The Contractor shall provide all supervision, labour, Materials, Plant and Contractor's Equipment which may be required

4.2 Contractor's Representative

The Contractor shall appoint a representative at site on full time basis to supervise the execution of work and to receive instructions on behalf of the Contractor but only after obtaining the consent of the Procuring Agency for such appointment which consent shall not be withheld without plausible reason(s) by the Procuring Agency. Such authorized representative may be substituted/ replaced by the Contractor at any time during the Contract Period but only after obtaining the consent of the Procuring Agency as aforesaid.

4.3 Subcontracting

The Contractor shall not subcontract the whole of the works. The Contractor shall not subcontract any part of the works without the consent of the Procuring Agency.

4.4 Performance Security

The Contractor shall furnish to the Procuring Agency within fourteen (14) days after receipt of Letter of Acceptance a Performance Security at the option of the bidder, in the form of Payee's order /Bank Draft or Bank Guarantee from scheduled bank for the amount and validity specified in Contract Data.

5. DESIGN BY CONTRACTOR

5.1 Contractor's Design

The Contractor shall carry out design to the extent specified, as referred to in the Contract Data. The Contractor shall promptly submit to the Engineer/Procuring Agency all designs prepared by him, within fourteen (14) days of receipt the Engineer/Procuring Agency shall notify any comments or, if the design submitted is not in accordance with the Contract, shall reject it stating the reasons. The

Contractor shall not construct any element of the works designed by him within fourteen (14) days after the design has been submitted to the Engineer/Procuring Agency or which has been rejected. Design that has been rejected shall be promptly amended and resubmitted. The Contractor shall resubmit all designs commented on taking these comments into account as necessary.

5.2 Responsibility for Design

The Contractor shall remain responsible for his bided design and the design under this Clause, both of which shall be fit for the intended purposes defined in the Contract and he shall also remain responsible for any infringement of any patent or copyright in respect of the same. The Engineer/Procuring Agency shall be responsible for the Specifications and Drawings.

6. PROCURING AGENCY'S RISKS

6.1 The Procuring Agency's Risks

The Procuring Agency's Risks are:-

- a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies, within the Country;
- b) rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war, within the Country;
- c) riot, commotion or disorder by persons other than the Contractor's personnel and other employees including the personnel and employees of Sub-Contractors, affecting the Site and/or the Works;
- d) ionising radiations, or contamination by radio-activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radio-active toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear component of such an assembly, except to the extent to which the Contractor/Sub-Contractors may be responsible for the use of any radio-active material;
- e) Pressure waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds;
- f) use or occupation by the Procuring Agency of any part of the Works, except as may be specified in the Contract;
- g) late handing over of sites, anomalies in drawings, late delivery of designs and drawings of any part of the Works by the Procuring Agency's personnel or by others for whom the Procuring Agency is responsible;
- h) a suspension under Sub-Clause 2.3 unless it is attributable to the Contractor's failure; and

- i) physical obstructions or physical conditions other than climatic conditions, encountered on the Site during the performance of the Works, for which the Contractor immediately notified to the Procuring Agency and accepted by the Procuring Agency.

7. TIME FOR COMPLETION

7.1 Execution of the Works

The Contractor shall commence the Works on the Commencement Date and shall proceed expeditiously and without delay and shall complete the Works, subject to Sub-Clause 7.3 below, within the Time for Completion.

7.2 Programme

Within the time stated in the Contract Data, the Contractor shall submit to the Engineer/Procuring Agency a programme for the Works in the form stated in the Contract Data.

7.3 Extension of Time

The Contractor shall, within such time as may be reasonable under the circumstances, notify the Procuring Agency/Engineer of any event(s) falling within the scope of Sub-Clause 6.1 or 10.3 of these Conditions of Contract and request the Procuring Agency/Engineer for a reasonable extension in the time for the completion of works. Subject to the aforesaid, the Procuring Agency/Engineer shall determine such reasonable extension in the time for the completion of works as may be justified in the light of the details/particulars supplied by the Contractor in connection with the such determination by the Procuring Agency/Engineer within such period as may be prescribed by the Procuring Agency/Engineer for the same; and the Procuring Agency may extend the time for completion as determined.

7.4 Late Completion

If the Contractor fails to complete the Works within the Time for Completion, the Contractor's only liability to the Procuring Agency for such failure shall be to pay the amount as **liquidity damages** stated in the Contract Data for each day for which he fails to complete the Works.

8. TAKING-OVER

8.1 Completion

The Contractor may notify the Engineer/Procuring Agency when he considers that the Works are complete.

8.2 **Taking-Over Notice**

Within fourteen (14) days of the receipt of the said notice of completion from the Contractor the Procuring Agency/Engineer shall either takeover the completed works and issue a Certificate of Completion to that effect or shall notify the Contractor his reasons for not taking-over the works. While issuing the Certificate of Completion as aforesaid, the Procuring Agency/Engineer may identify any outstanding items of work which the Contractor shall undertake during the Maintenance Period.

9. **REMEDYING DEFECTS**

9.1 **Remedying Defects**

The Contractor shall for a period stated in the Contract Data from the date of issue of the Certificate of Completion carry out, at no cost to the Procuring Agency, repair and rectification work which is necessitated by the earlier execution of poor quality of work or use of below specifications material in the execution of Works and which is so identified by the Procuring Agency/Engineer in writing within the said period. Upon expiry of the said period, and subject to the Contractor's faithfully performing his aforesaid obligations, the Procuring Agency/Engineer shall issue a Maintenance Certificate whereupon all obligations of the Contractor under this Contract shall come to an end.

Failure to remedy any such defects or complete outstanding work within a reasonable time shall entitle the Procuring Agency to carry out all necessary works at the Contractor's cost. However, the cost of remedying defects not attributable to the Contractor shall be valued as a Variation.

9.2 **Uncovering and Testing**

The Engineer/Procuring Agency may give instruction as to the uncovering and/or testing of any work. Unless as a result of an uncovering and/or testing it is established that the Contractor's design, materials, plant or workmanship are not in accordance with the Contract, the Contractor shall be paid for such uncovering and/or testing as a Variation in accordance with Sub-Clause 10.2.

10. **VARIATIONS AND CLAIMS**

10.1 **Right to Vary**

The Procuring Agency/Engineer may issue Variation Order(s) in writing. Where for any reason it has not been possible for the Procuring Agency/Engineer to issue such Variations Order(s), the Contractor may confirm any verbal orders given by the Procuring Agency/Engineer in writing and if the same are not refuted/denied by the Procuring Agency/Engineer within ten (10) days of the receipt of such confirmation the same shall be deemed to be a Variation Orders for the purposes of this Sub-Clause.

10.2 Valuation of Variations

Variations shall be valued as follows:

- a) at a lump sum price agreed between the Parties, or
- b) where appropriate, at rates in the Contract, or
- c) in the absence of appropriate rates, the rates in the Contract shall be used as the basis for valuation, or failing which
- d) at appropriate new rates, as may be agreed or which the Engineer/Procuring Agency considers appropriate, or
- e) if the Engineer/Procuring Agency so instructs, at day work rates set out in the Contract Data for which the Contractor shall keep records of hours of labour and Contractor's Equipment, and of Materials, used.

10.3 Changes in the Quantities.

- a) If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than 25 percent, provided the change exceeds 1 percent of the Initial Contract Price, the Procuring Agency/Engineer shall adjust the rate to allow for the change and will be valued as per sub clause 10.2.
- b) The Engineer shall not adjust rates from changes in quantities if thereby the Initial Contract Price is exceeded by more than 15 percent, except with the prior approval of the Procuring Agency.
- c) If requested by the Engineer, the contractor shall provide the Engineer with a detailed cost breakdown of any rate in the Bill of Quantities.

10.4 Early Warning

The Contractor shall notify the Engineer/Procuring Agency in writing as soon as he is aware of any circumstance which may delay or disrupt the Works, or which may give rise to a claim for additional payment.

To the extent of the Contractor's failure to notify, which results to the Engineer/Procuring Agency being unable to keep all relevant records or not taking steps to minimise any delay, disruption, or Cost, or the value of any Variation, the Contractor's entitlement to extension of the Time for Completion or additional payment shall be reduced/rejected.

10.5 Valuation of Claims

If the Contractor incurs Cost as a result of any of the Procuring Agency's Risks, the Contractor shall be entitled to the amount of such Cost. If as a result of any

Procuring Agency's Risk, it is necessary to change the Works, this shall be dealt with as a Variation subject to Contractor's notification for intention of claim to the Engineer/Procuring Agency within fourteen (14) days of the occurrence of cause.

10.6 **Variation and Claim Procedure**

The Contractor shall submit to the Engineer/Procuring Agency an itemised detailed breakdown of the value of variations and claims within twenty eight (28) days of the instruction or of the event giving rise to the claim. The Engineer/Procuring Agency shall check and if possible agree the value. In the absence of agreement, the Procuring Agency shall determine the value.

11. **CONTRACT PRICE AND PAYMENT**

11.1 (a) **Terms of Payments**

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 11.3, be paid by the Procuring Agency to the Contractor within 30 days after such Interim Payment Certificate has been jointly verified by Procuring Agency and Contractor, or, in the case of the Final Certificate referred to in Sub Clause 11.5, within 60days after such Final Payment Certificate has been jointly verified by Procuring Agency and Contractor;

Provided that the Interim Payment shall be caused in thirty (30) days and Final Payment in 60 days in case of foreign funded project. In the event of the failure of the Procuring Agency to make payment within 90 days then Procuring Agency shall pay to the Contractor compensation at the 28 days rate of KIBOR+2% per annum in local currency and LIBOR+1% for foreign currency, upon all sums unpaid from the date by which the same should have been paid.

(b) **Valuation of the Works**

The Works shall be valued as provided for in the Contract Data, subject to Clause 10.

11.2 **Monthly Statements**

The Contractor shall be entitled to be paid at monthly intervals:

- a) the value of the Works executed less to the cumulative amount paid previously; and
- b) value of secured advance on the materials and valuation of variations (if any).

The Contractor shall submit each month to the Engineer/Procuring Agency a statement showing the amounts to which he considers himself entitled.

11.3 **Interim Payments**

Within a period not exceeding seven (07) days from the date of submission of a statement for interim payment by the Contractor, the Engineer shall verify the same and within a period not exceeding thirty (30/60) days from the said date of submission by the Contractor, the Procuring Agency shall pay to the Contractor the sum subject to adjustment for deduction of the advance payments and retention money.

11.4 **Retention**

Retention money shall be paid by the Procuring Agency to the Contractor within fourteen (14) days after either the expiry of the period stated in the Contract Data, or the remedying of notified defects, or the completion of outstanding work, all as referred to in Sub-Clause 9.1, whichever is the later.

11.5 **Final Payment**

Within twenty one (21) days from the date of issuance of the Maintenance Certificate the Contractor shall submit a final account to the Engineer to verify and the Engineer shall verify the same within fourteen (14) days from the date of submission and forward the same to the Procuring Agency together with any documentation reasonably required to enable the Procuring Agency to ascertain the final contract value.

Within sixty (60) days from the date of receipt of the verified final account from the Engineer, the Procuring Agency shall pay to the Contractor any amount due to the Contractor. While making such payment the Procuring Agency may, for reasons to be given to the Contractor in writing, withhold any part or parts of the verified amount.

11.6 **Currency**

Payment shall be in the currency stated in the Contract Data.

12. **DEFAULT**

12.1 **Defaults by Contractor**

If the Contractor abandons the Works, refuses or fails to comply with a valid instruction of the Engineer/Procuring Agency or fails to proceed expeditiously and without delay, or is, despite a written complaint, in breach of the Contract, the Procuring Agency may give notice referring to this Sub-Clause and stating the default.

If the Contractor has not taken all practicable steps to remedy the default within fourteen (14) days after receipt of the Procuring Agency's notice, the Procuring Agency may by a second notice given within a further twenty one (21) days, terminate the Contract. The Contractor shall then demobilize from the Site leaving behind any Contractor's Equipment which the Procuring Agency instructs, in the second notice, to be used for the completion of the Works at the risk and cost of the Contractor.

12.2 **Payment upon Termination**

After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the works executed and of the Materials and Plant reasonably delivered to the site, adjusted by the following:

- a) any sums to which the Contractor is entitled under Sub-Clause 10.4,
- b) any sums to which the Procuring Agency is entitled,
- c) if the Procuring Agency has terminated under Sub-Clause 12.1 or 12.3, the Procuring Agency shall be entitled to a sum equivalent to twenty percent (20%) of the value of parts of the Works not executed at the date of the termination, and
- d) if the Contractor has terminated under Sub-Clause 12.2 or 12.3, the Contractor shall be entitled to the cost of his demobilisation together with a sum equivalent to ten percent (10%) of the value of parts of the works not executed at the date of termination.

The net balance due shall be paid or repaid within twenty eight (28) days of the notice of termination.

13. **RISKS AND RESPONSIBILITIES**

13.1 **Contractor's Care of the Works**

Subject to Sub-Clause 9.1, the Contractor shall take full responsibility for the care

of the Works from the Commencement Date until the date of the Procuring Agency's/Engineer's issuance of Certificate of Completion under Sub-Clause 8.2. Responsibility shall then pass to the Procuring Agency. If any loss or damage happens to the Works during the above period, the Contractor shall rectify such loss or damage so that the Works conform with the Contract.

Unless the loss or damage happens as a result of any of the Procuring Agency's Risks, the Contractor shall indemnify the Procuring Agency, or his agents against all claims loss, damage and expense arising out of the Works.

13.2 **Force Majeure**

If Force Majeure occurs, the Contractor shall notify the Engineer/Procuring Agency immediately. If necessary, the Contractor may suspend the execution of the Works and, to the extent agreed with the Procuring Agency demobilize the Contractor's Equipment.

14. **INSURANCE**

14.1 **Arrangements**

The Contractor shall, prior to commencing the Works, effect insurances of the types, in the amounts and naming as insured the persons stipulated in the Contract Data except for items (a) to (e) and (i) of the Procuring Agency's Risks under Sub-Clause 6.1. The policies shall be issued by insurers and in terms approved by the Procuring Agency. The Contractor shall provide the Engineer/Procuring Agency with evidence that any required policy is in force and that the premiums have been paid.

14.2 **Default**

If the Contractor fails to effect or keep in force any of the insurances referred to in the previous Sub-Clause, or fails to provide satisfactory evidence, policies or receipts, the Procuring Agency may, without prejudice to any other right or

remedy, effect insurance for the cover relevant to such as a default and pay the premiums due and recover the same plus a sum in percentage given in Contractor Data from any other amounts due to the Contractor.

15. RESOLUTION OF DISPUTES

15.1 Engineer's Decision

If a dispute of any kind whatsoever arises between the Procuring Agency and the Contractor in connection with the works, the matter in dispute shall, in the first place, be referred in writing to the Engineer, with a copy to the other party. Such reference shall state that it is made pursuant to this Clause. No later than the twenty eight (28) days after the day on which he received such reference, the Engineer shall give notice of his decision to the Procuring Agency (Superintending Engineer) and the Contractor.

Unless the Contract has already been repudiated or terminated, the Contractor shall, in every case, continue to proceed with the work with all due diligence, and the Contractor and the Procuring Agency (Superintending Engineer) shall give effect forthwith to every such decision of the Engineer unless and until the same shall be revised, as hereinafter provided in an arbitral award.

15.2 Notice of Dissatisfaction

If a Party is dissatisfied with the decision of the Engineer of consultant or if no decision is given within the time set out in Sub-Clause 15.1 here above, the Party may give notice of dissatisfaction referring to this Sub-Clause within fourteen (14) days of receipt of the decision or the expiry of the time for the decision. If no notice of dissatisfaction is given within the specified time, the decision shall be final and binding on the Parties. If notice of dissatisfaction is given within the specified time, the decision shall be binding on the Parties who shall give effect to it without delay unless and until the decision of the Engineer is revised by an arbitrator.

If a contractor is dissatisfied with the decision of the Engineer of the department or decision is not given in time then he can approach Superintending Engineer within 14 days, in case of dissatisfaction with decision of Superintending Engineer or not decided within 28 days, then arbitration process would be adopted as per clause 15.3.

15.3 Arbitration

A dispute which has been the subject of a notice of dissatisfaction shall be finally settled as per provisions of Arbitration Act 1940 (Act No. X of 1940) and Rules made there under and any statutory modifications thereto. Any hearing shall be held at the place specified in the Contract Data and in the language referred to in Sub-Clause 1.5.

16 INTEGRITY PACT

16.1 If the Contractor or any of his Sub-Contractors, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Contractor as Schedule-F to his Bid, then the Procuring Agency 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 Sub-Contractors, agents or servants;
- (b) terminate the Contract; and
- (c) recover from the Contractor any loss or damage to the Procuring Agency as a result of such termination or of any other corrupt business practices of the Contractor or any of his Sub-Contractors, agents or servants.

On termination of the Contract under Sub-Para (b) of this Sub-Clause, the Contractor shall demobilize from the site leaving behind Contractor's Equipment which the Procuring Agency instructs, in the termination notice, to be used for the completion of the works at the risk and cost of the Contractor. Payment upon such termination shall be made under Sub-Clause 12.4, in accordance with Sub-Para (c) thereof, after having deducted the amounts due to the Procuring Agency under Sub-Para (a) and (c) of this Sub-Clause.

CONTRACT DATA

(Note: Except where otherwise indicated, all Contract Data should be filled in by the Procuring Agency prior to issuance of the Bidding Documents.)

Sub-Clauses of Conditions of Contract

1.1.3 Procuring Agency's Drawings, if any
(To be listed by the Procuring Agency)

1.1.4 **The Procuring Agency** means

1.1.5 **The Contractor** means

1.1.7 **Commencement Date** means the date of issue of Engineer's Notice to Commence which shall be issued within fourteen (14) days of the signing of the Contract Agreement.

1.1.9 **Time for Completion** _____ days

(The time for completion of the whole of the Works should be assessed by the Procuring Agency)

1.1.20 **Engineer (mention the name along with the designation including whether he belongs to department or consultant) and other details**

1.3 **Documents forming the Contract listed in the order of priority:**

- (a) The Contract Agreement
- (b) Letter of Acceptance
- (c) The completed Form of Bid
- (d) Contract Data
- (e) Conditions of Contract
- (f) The completed Schedules to Bid including Schedule of Prices
- (g) The Drawings, if any
- (h) The Specifications
- (i) _____
- (j) _____

(The Procuring Agency may add, in order of priority, such other documents as form part of the Contract. Delete the document, if not applicable)

2.1 **Provision of Site:** On the Commencement Date

3.1 **Authorized person:**_____

3.2 **Name and address of Engineer's/Procuring Agency's representative**

4.4 **Performance Security:**

Amount_____

Validity_____

(Form: As provided under Standard Forms of these Documents)

5.1 **Requirements for Contractor's design (if any):**

Specification Clause No's_____

7.2 **Programme:**

Time for submission: Within fourteen (14) days* of the Commencement Date.

Form of programme: _____ *(Bar Chart/CPM/PERT or other)*

7.4 Amount payable due to failure to complete shall be __% per day up to a maximum of (10%) of sum stated in the Letter of Acceptance

(Usually the liquidated damages are set between 0.05 percent and 0.10 percent per day.)

7.5 **Early Completion**

In case of earlier completion of the Work, the Contractor is entitled to be paid bonus up-to limit and at a rate equivalent to 50% of the relevant limit and rate of liquidated damages stated in the contract data.

9.1 **Period for remedying defects**

10.2 (e) **Variation procedures:**

Day work rates_____

_____ (details)

11.1 **Terms of Payments**

a) Mobilization Advance

(1) Mobilization Advance up to 10 % of the Contract Price stated in the Letter of Acceptance shall be paid by the Procuring Agency to the Contractor on the works costing Rs.2.5 million or above on following conditions:

- (i) on 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 to the Procuring Agency;
- (ii) Contractor will pay interest on the mobilization advance at the rate of 10% per annum on the advance; and
- (iii) This Advance including the interest shall be recovered in 5 equal installments from the five (05) R.A bills and in case the number of bills is less than five (05) then 1/5th of the advance **inclusive of the interest** thereon shall be recovered from each bill and the balance together with interest be recovered from the final bill. It may be insured that there is sufficient amount in the final bill to enable recovery of the Mobilization Advance.

OR

2) **Secured Advance on Materials**

- (a) The Contractor shall be entitled to receive from the Procuring Agency Secured Advance against an INDENTURE BOND in P W Account Form No. 31(Fin. R. Form No. 2 acceptable to the Procuring Agency 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:
 - (i) The materials are in accordance with the Specifications for the Permanent Works;
 - (ii) Such materials have been delivered to the Site and are properly stored and protected against loss or damage or deterioration to the satisfaction and verification of the Engineer but at the risk and cost of the Contractor;
 - (iii) 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;
 - (iv) 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 therefore;
 - (v) Ownership of such materials shall be deemed to vest in the Procuring Agency and these materials shall not be removed from the Site or otherwise disposed of without written permission of the Procuring Agency;
 - (vi) 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 stands other materials;

- (vii) Secured Advance should not be allowed unless &until the previous advance, if an, fully recovered;
 - (viii) Detailed account of advances must be kept in part II of running account bill; and
 - (ix) Secured Advance may be permitted only against materials/quantities anticipated to be consumed / utilized on the work within a period of 3 months from the date of issue of secured advance and definitely not for full quantities of materials for the entire work/contract
- (b) Recovery of Secured Advance:
- (i) Secured Advance paid to the Contractor under the above provisions shall be effected from the monthly payments on actual consumption basis, but not later than period specified in the rules not more than three months (even if unutilized); other conditions.
 - (ii) As recoveries are made the outstanding accounts of the items concerned in Part II should be reduced b making deduction entries in the column; —deduct quantity utilized in work measured since previous bill, ll equivalent to the quantities of materials used by the contractor on items of work shown as executed in part I of the bill.
- (c) Interim payments: The Contractor shall submit to the Engineer monthly statements of the estimated value of the work completed less the cumulative amount certified previously.
- (i) The value of work completed comprises the value of the quantities of the items in the Bill of Quantities completed.
 - (ii) value of secured advance on the materials and valuation of variations (if any).
 - (iii) Engineer may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.
 - (v) Retention money and other advances are to be recovered from the bill submitted by contractor.
- 11.2 *(a) **Valuation of the Works:**
- i) Lump sum price_____ (details), or
 - ii) Lump sum price with schedules of rates _____ (details), or
 - iii) Lump sum price with bill of quantities_____ (details), or
 - iv) Re-measurement with estimated/bid quantities in the Schedule of Prices or on premium above or below quoted on the rates mentioned in CSR _____ (details), or/and
 - v) Cost reimbursable_____ (details)

11.3 **Percentage of retention*:** Two (2%)

11.6 **Currency of payment:** Pak. Rupees

14.1 **Insurances:** (*Procuring Agency may decide, keeping in view the nature and the scope of the work*)

Type of cover

The Works

Amount of cover

The sum stated in the Letter of Acceptance plus fifteen percent (15%)

Type of cover

Contractor's Equipment:

Amount of cover

Full replacement cost

Type of cover

Third Party-injury to persons and damage to property

(The minimum amount of third party insurance should be assessed by the Procuring Agency and entered).

Workers:

Other cover*:

(In each case name of insured is Contractor and Procuring Agency)

14.2 **Amount to be recovered**

Premium plus _____ percent (____%).

15.3 **Arbitration****

Place of Arbitration:_____

* (*Procuring Agency to specify as appropriate*)

** (*It has to be in the Province of Sindh*)

STANDARD FORMS

(Note: Standard Forms provided in this document for securities are to be issued by a bank. In case the bidder chooses to issue a bond for accompanying his bid or performance of contract or receipt of advance, the relevant format shall be tailored accordingly without changing the spirit of the Forms of securities).

FORM OF BID SECURITY

(Bank Guarantee)

Guarantee No. _____

Executed on _____

(Letter by the Guarantor to the Procuring Agency)

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

Name of Principal (Bidder) with address: _____

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

Bid Reference No. _____ Date of Bid _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bid and at the request of the said Principal, we the Guarantor above-named are held and firmly bound unto the _____, (hereinafter called The -Procuring Agency) 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 Principal has submitted the accompanying Bid numbered and dated as above for _____ (Particulars of Bid) to the said Procuring Agency; and

WHEREAS, the Procuring Agency has required as a condition for considering the said Bid that the Principal furnishes a Bid Security in the above said sum to the Procuring Agency, conditioned as under:

- (1) that the Bid Security shall remain valid for a period of twenty eight (28) days beyond the period of validity of the bid;
- (2) that in the event of;
 - (a) the Principal withdraws his Bid during the period of validity of Bid, or
 - (b) the Principal does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) of Instructions to Bidders, or
 - (c) failure of the successful bidder to
 - (i) furnish the required Performance Security, in accordance with Sub-Clause IB-21.1 of Instructions to Bidders, or
 - (ii) sign the proposed Contract Agreement, in accordance with Sub-Clauses IB-20.2 & 20.3 of Instructions to Bidders,

the entire sum be paid immediately to the said Procuring Agency for delayed completion and not as penalty for the successful bidder's failure to perform.

NOW THEREFORE, if the successful bidder shall, within the period specified therefore, on the prescribed form presented to him for signature enter into a formal Contract Agreement with the said Procuring Agency in accordance with his Bid as accepted and furnish within fourteen (14) days of receipt of Letter of Acceptance, a Performance Security with good and sufficient surety, as may be required, upon the form prescribed by the said Procuring Agency for the faithful performance and proper fulfilment of the said Contract or in the event of non-withdrawal of the said Bid within the time specified then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.

PROVIDED THAT the Guarantor shall forthwith pay to the Procuring Agency the said sum stated above upon first written demand of the Procuring Agency without cavil or argument and without requiring the Procuring Agency to prove or to show grounds or reasons for such demand, notice of which shall be sent by the Procuring Agency by registered post duly addressed to the Guarantor at its address given above.

PROVIDED ALSO THAT the Procuring Agency shall be the sole and final judge for deciding whether the Principal 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 Guarantor shall pay without objection the sum stated above upon first written demand from the Procuring Agency forthwith and without any reference to the Principal or any other person.

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

Guarantor (Bank)

Witness:

1. Signature _____

1. _____

2. Name _____

Corporate Secretary (Seal)

3. Title _____

2. _____

(Name, Title & Address)

Corporate Guarantor (Seal)

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

Guarantee No. _____
Executed on _____
Expiry Date _____

(Letter by the Guarantor to the Procuring Agency)

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

Name of Principal (Contractor) with
address: _____

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

Letter of Acceptance No. _____ Dated _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the _____ (hereinafter called the Procuring Agency) 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 Agency, 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 Agency's above said Letter of Acceptance for _____ (Name of Contract) for the _____ (Name of Project).

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Procuring Agency, 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 the 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 9, Remedying Defects, 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 defenses under the Contract, do hereby irrevocably and independently guarantee to pay to the Procuring Agency without delay upon the Procuring Agency's first written demand without cavil or arguments and without requiring the Procuring Agency to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the Procuring Agency's written declaration that the Principal has refused or failed to perform the obligations under the Contract, for which payment will be effected by the Guarantor to Procuring Agency's designated Bank & Account Number.

PROVIDED ALSO THAT the Procuring Agency 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 Agency forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above bounded 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)

1. Signature _____

2. Name _____

3. Title _____

Corporate Guarantor (Seal)

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the —Agreement) made on the ____ day of _____ 200 ____ between _____ (hereinafter called the —Procuring Agency) of the one part and _____ (hereinafter called the —Contractor) of the other part.

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

NOW this Agreement witnesseth as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any except those parts relating to Instructions to Bidders, shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (a) The Letter of Acceptance;
 - (b) The completed Form of Bid along with Schedules to Bid;
 - (c) Conditions of Contract & Contract Data;
 - (d) The priced Schedule of Prices/Bill of quantities (BoQ);
 - (e) The Specifications; and
 - (f) The Drawings
3. In consideration of the payments to be made by the Procuring Agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Procuring Agency to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
4. The Procuring Agency hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

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

Signature of the Contactor

Signature of the Procuring Agency

(Seal)

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

Witness:

(Name, Title and Address)

(Name, Title and Address)

MOBILIZATION ADVANCE GUARANTEE

Guarantee No. _____

Executed on _____

(Letter by the Guarantor to the Procuring Agency)

WHEREAS the _____ (hereinafter called the Procuring Agency) has entered into a Contract for

_____ (Particulars of Contract), with

_____ (hereinafter called the Contractor).

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

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

AND WHEREAS _____ (Scheduled Bank) (hereinafter called the Guarantor) at the request of the Contractor and in consideration of the Procuring Agency 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 Agency for payment not exceeding the aforementioned amount.

Notice in writing of any default, of which the Procuring Agency shall be the sole and final judge, as aforesaid, on the part of the Contractor, shall be given by the Procuring Agency 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 come into force as soon as the advance payment has been credited to the account of the Contractor.

This Guarantee shall expire not later than _____
by which date we must have received any claims by registered letter, telegram, telex or telefax.

It is understood that you will return this Guarantee to us on expiry or after settlement of the total amount to be claimed hereunder.

	_____ Guarantor (Scheduled Bank)
Witness:	
1. _____	1. Signature _____
_____	2. Name _____
Corporate Secretary (Seal)	3. Title _____
2. _____	
_____	_____ Corporate Guarantor (Seal)
(Name, Title & Address)	

INDENTURE FOR SECURED ADVANCES.

(For use in cases in which is contract is for finished work and the contractor has entered into an agreement for the execution of a certain specified quantity of work in a given time).

This INDENTURE made the day of
-----197--" BETWEEN (hereinafter called "the Contractor" which expression shall where the context so admits or implied be deemed to include his heirs, executors, administrators and assigns) of the one part and THE GOVERNOR OF SINDH (hereinafter called "the Government" of the other part).

WHEREAS by an agreement, dated (hereinafter called the said agreement, the contractor has agreed to perform the under-mentioned works (hereinafter referred to as the said work):-

(Here enter (the description of the works).¹

AND WHEREAS the contractor has applied to the
—..... ---- for an advance to him of Rupees -----
(Rs.) on the security of materials absolutely belonging to him and brought by him to the site of the said works the subject of the said agreement for use in the construction of such of the said works as he has undertaken to execute at rates fixed for the finished work (inclusive of the cost of materials and labour and other charge) AND WHEREAS the Government has agreed to advance to the Contractor the sum of Rupees, (Rs.) on the security of materials the quantities and other particulars of which are detailed in Part II of Running Account Bill (E). the said works signed by the contractor
Fin R.Form.17.A
on----- — and on such covenants and conditions as are hereinafter contained and the Government has reserved to itself the option of marking any further advance or advances on the security of other materials brought by the Contractor to the site of the said works.

NOW THIS INDENTURE WTTNESSETH that in pursuance of the said agreement and in consideration of the sum of Rupees..... ----- — (Rs. -----) on or before the execution of these presents paid to the Contractor by the Government (the receipt whereof the Contractor doth hereby acknowledge) and of such further advances (if any) as may be made to him as aforesaid (all of which advances are hereinafter collectively referred to as the said amount) the Contractor doth hereby assign unto the Government the said materials by way of security for the said amount

And doth hereby covenant and agree with the Government and declare ay follow :-

(1) That the said sum of Rupees-..... ----- (RF. -----) so advanced by the Government to the Contractor as aforesaid and all or any further sum or sums which may be advanced aforesaid shall be employed by the contractor in or towards expending the execution of the said works and for no other purpose whatsoever.

- (2) That the materials detailed in the said Running Account Bill (B) which have been
Fin R Form No. 17-A

Offered to and accepted by (he Government as security for the said amount are absolutely by the Contractors own property free from encumbrances of any kind and the Contractor will not make any application for or receive a further advance on the security of materials which are not absolutely his own property and free from encumbrances of any kind and the contractor hereby agrees, at all times, to indemnify and save harmless the Government against all claims whatsoever to any materials in respect of which an advance has been made to him as aforesaid.

- (3) That the said materials detailed in the said Running Account Bill (B) and all other
Fin. R. Form No. 17-A

Materials on the security of which any further advance or advances may hereafter be made as aforesaid (hereinafter called the said materials) shall be used by the Contractor solely in *the* execution of the said works in accordance with the directions of the Divisional Officer----- (hereinafter called the Divisional Officer) and in the terms of the said agreement.

(4) That the Contractor shall make at his own cost all necessary and adequate arrangement for the proper watch, safe custody and protection against all risks of the said material and that until used in construction as aforesaid the said materials shall remain at the site of the said works in the Contractor's custody and at his own risk and on his own responsibility and shall at all times be open to inspection by (he Divisional Officer or any officer authorized by him. In the event of the said materials of any part (hereof being stolen, destroyed or damaged or becoming deteriorated in a grater degree than is due to reasonable use and wear thereof Contractor will forthwith replace the same with other materials of like qualify or repair and make good the same as required by the Divisional Officer and the materials so brought to replace the said materials so repaired and made good shall also be considered as security for the said amount.

(5) 'Hurt the said materials shall not on any account be removed from the site of the said works except with the written permission of the Divisional Officer or an officer authorized by him in that behalf

(6) That the said amount shall be payable in full when or before the Contractor receives payment, from the Government of the price payable to him for the said works under the terms and provisions of the said agreement PROVIDED THAT if any intermediate payments are made to the contractor on account of work done then on the occasion of each such payment the Government will be at liberty to make a recovery from the Contractors Bill for such payment by deducting there from in the value of the said materials (hen actually used in the construction and in respect of which recovery has not been made previously the value for this purpose being determined in respect of each description of material at (he rates at which the amount of the advances made under these presents were calculated.

(7) That if the Contractor shall at any time make any default in the performance or observation in any respect of any of the terms and provisions of the said agreement or of these presents the total amount of the advance or advances that may still be owing to the Government shall immediately on the happening of such default be repayable by the Contractor to the Government together with interest thereon at twelve

percent per annum from the date or respective dates of such advance or advances to the date or repayment and with all costs, charges, damages and expenses incurred by the Government in or for the recovery thereof or the enforcement of this security or otherwise by reason of (he default of the Contractor and any moneys so becoming due and payable shall constitute a debt due from the Contractor to the Government and the Contractor hereby covenants and agrees with the Government to repay and the same respectively to it accordingly.

(8) That the Contractor hereby charges all the said materials with the repayment to the Government of the said sum of Rupees - (Rs.....) and any further sum or sums which may be advanced as aforesaid and all costs charges damages and expenses payable under these present PROVIDED ALWAYS and it is hereby agreed and declared that notwithstanding anything in the said agreement and without prejudice to the powers contained therein if and whether the covenant for payment and repayment hereinbefore contained shall become enforceable and the money owing shall not be paid to accordingly.

Once therewith the Government may at any time thereafter adopt all or any of following courses as it may deem best ;-

- (a) Seize and utilize the said materials or any part thereof in the completion of the said works on behalf of the Contractor in accordance with the provisions in that behalf contained in the said agreement debiting the Contractor with the actual cost of effecting such completion the amount due in respect of advances under these presents and crediting the Contractor with the value of work done as he had carried it out in accordance with the said agreement and at the rates thereby provided. If the balance is against the Contractor he is to pay the same to the Government on demand.
- (b) Remove and sell by public auction the seized materials or any part thereof and out of the moneys arising from the sale retain all the sums aforesaid repayable to the Government under these presents and pay over the surplus (if any) to the Contractor.
- (c) Deduct all or any part of the moneys owing out of the security deposit or any sum due to the Contractor under the said agreement.

(9) That except as is expressly provided by the presents interest on the aid advance shall not be payable.

(10) That in the event of any conflict between the provisions of these presents and the said agreement the provisions of these presents shall prevail and in the event of any dispute or difference arising over the construction or effect of these presents the settlement of which has not been hereinbefore expressly provided for the same shall be referred to the Superintending Engineer..... Circle whose..... decision shall be final and the provisions of the Indian Arbitration Act for the time being in force so far as they are applicable shall apply to any such reference.

In witnesses whereof the* ----- ___ on behalf of the
Governor of Sindh and the said..... — - --have hereunto set
their respective hands and seals the day and first above written.

Signed, sealed and delivered by* In
the presence of

Seal

1st witness 2nd witness

Signed, sealed and delivered by* In
the presence of

Seal

1st Witness 2nd witness

SPECIFICATIONS

[Note for Preparing the Specifications]

A set of precise and clear specifications is a prerequisite for bidders to respond realistically and competitively to the requirements of the user without qualifying their Bids. The specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, performance of the works. Only if this is done objectives of economy, efficiency, and fairness in procurement will be realized and responsiveness of Bids can be ensured, and the subsequent task of bid evaluation can be facilitated. The specifications should require that materials to be incorporated in the works be new, unused, and of the most recent or current models, and incorporated all recent improvements in design and materials unless provided for otherwise in the contract.

Samples of specifications from similar to previous procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the works and the repetitiveness of the type of procurement, it may be advantageous to standardize the Technical Specifications that should cover all classes of workmanship, materials and equipment although not necessarily to be used in a particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized international standards should be used as much as possible. The specifications shall consider all conditions but not limited to seismic conditions, weather conditions and environmental impact. The specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Specifications.

Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Specifications to specific standards and codes to be met by Works to be furnished and tested, the provisions of the latest current edition or revision of the relevant shall apply, unless otherwise expressly stated in the Contract. Other authoritative standards that ensure equivalence to the standards and codes specified will be acceptable.]

***DRAWINGS**

** (Note: The Engineer/Procuring Agency may incorporate specific Drawings for Bidding purposes only or may include the detailed drawings in a separate volume, if necessary).*

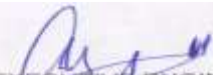
SCHEDULE OF PRICE

BORING

S #	DESCRIPTION	QTY	RATE	UNIT	AMOUNT
1	Boring for tube well in all water bearing soils from ground level upto 100 feet or 30-50 meter depth including sinking & with drawing of casing pipe (150mm 6" dia) (S.I. No: 1d/P-41) (PH)	100.00	414.00	P.Rft	41400.00
2	Boring of tube well in all water bearing soils from depth 100 to 200 ft or 30.51 to 61 meter below ground level including sinking & with drawing of casing pipe (250mm 10" dia) (S.I.No: 2d/42)(PH)	25.00	724.00	P.Rft	18100.00
3	S/I PVC strainers "B" class of approved design quality and make including necessary socket etc complete (S.I. No: 9/0-43)(PH) 6" Dia	25.00	363.35	P.Rft	9083.75
4	S/F local made coir stainer of approved quality complete (150mm 6" dia)(10b/P-44)(PH)	100.00	647.00	P.Rft	64700.00
5	S/I PVC blind pipe "B" class of approved design quality & make including necessary sockets etc complete (150mm 6" dia)(12d/P-37)(PH)	100.00	338.90	P.Rft	33890.00
6	Shoulding of grated Bajri (3/8"x1/8") b/w blind pipe 6" dia.(13d/P-45)	100.00	102.00	P.Rft	10200.00
7	Plugging of joint casing & blind with c.c. 1:1-1/2:3(S.I.14d/P-38)(PH)	25.000	347.00	P.Cft	8675.00
8	Providing G.I. pipe special and clamps etc i/c fixing cutting and fitting complete with and i/c cost of breaking walls and roof, making good etc painting 2 coat as white zink paint pigment and testing water pressure bead of 200 ft etc complete. (S.I.No: 14d/p-45)	150.00	128.55	P.Rft	19282.50
9	P/L full way gun metal valves with wheels treaded or flanged or match with rubber washing standared patterns. 1" dia (14-A-iii /P-17)	6.00	260.92	P.Rft	1565.52
10	P/F ball valve with unsoldered copper ball made to B.B.S. 1" dia (S.I.No: 6-iii/P-18)	1.00	318.34	Each	318.34
11	P/F water pumping set 2 HP Mono bl volts 1-1/2"x1-1/2" suction & devlivery 30ft head including base plate & also making c.c. 1:3:6 plate form of required size & along with nuts & bolts complete in all respect (S.I.12/P-30)	3.00	8489.48	Each	25468.44
				TOTAL	232684

_____ %ABOVE /BELOW

SIGNATURE OF CONTRACTOR


 EXECUTIVE ENGINEER
 EDUCATION WORKS-I W&S DEPTT.
 KARACHI.

18503517

#REF!

SCHEDULE OF PRICE

W/S & S/W PART-B

NAME OF WORK:-

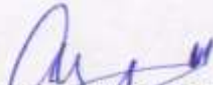
**SCHOOL IMPROVEMENT THROUGH ADOPT A SCHOOL INTERVENTION,
KARACHI DIVISION AT INTELLIGENCE COLONY GIRLS SECONDARY
SCHOOL, SULTANABAD KEAMARI KARACHI.
(ADP NO. 523 OF 2014-15).**

S:#	Description of Item	QUANTITY	RATE	UNIT	AMOUNT	
1	Providing and fixing squatting type white glazed earthenware W.C. pan with front flush inlet and complete with including the cost of flushing cistern with internal fitting and flush pipe with bend and making requisite number of holes in walls plinth & floor for pipe connection & making good in cement concrete 1:2:4 (A) W.C. pan of non less than 23" clear opening between flushing rims and 3 gallons flushing tank with 4" dia earthen ware. (P/1-1a)	8.00	Nos	5044.60	Each	Rs 40,357
2	Providing and Fixing European white glazed earthen ware wash down w.c pan complete with and i/c the cost of white/black plastic seat (Best/Quality) and lid with c.p brass hinges & buffers 3 Gallons white glazed earthen ware low level flushing cistern with siphon fitting 1-1/2" dia white porceplain enamelled flush bend 3/4" dia and making requisite number of holes in walls, plinth & floor for pipe connections and making good in cement concrete 1:2:4 (foreign quality) Page # 2 Iteam # 4.	2.00	Nos	5339.40	Each	Rs 10,679
3	Providing and fixing 24" x 18" lavatory basin in white glazed earthen ware complete with & including the cost of W.I. or C.I. cantilever brackets 6 inches built into walls, painted white in two coats after a primary coat of red lead paint a pair of 1/2" dia chrome plated pillar taps, 1-1/2" dia rubber plug & chrome plated brass chain 1-1/4" dia, malleable iron or C.P brass traps malleable iron or brass unions and making requisite number of holes in walls, plinth & floor for pipe connections and making good in cement concrete 1:2:4 (Standard Pattern). (CSI # 8 page # 3)	6.00	Nos	4253.70	Each	Rs 25,522
4	Add extra for labor for providing and fixing of earthen ware pedestal white or colored glazed (Standard Pattern) (SI # 9 P/# 3)	8.00	Nos	938.47	Each	Rs 7,508
5	Providing and fixing 6" x 2" or 6" x 3" C.I. floor trap of the approved self cleaning design with a C.I. screwed down grating with or without a vent arm complete with and including making requisite number of holes in walls, plinth and floor for pipe connection & making good in cement concrete 1:2:4. (CSI # 20 page # 6)	8.00	Nos	2042.42	Each	Rs 16,339
6	Providing and fixing in position Stop Cock 1/2" dia brass stop cock standard oatterns (S.I.No. 12/aP-2).	8.00	Nos	478.28	Each	Rs 3,826
7	Construction of man hole or inspection chamber for the required dia of circular sewer 3'-6" depth with walls B.B. in cement mortar 1:3, 1/2" thick inside of walls and 1" thick over benching and channel including R.C.C manhole cover with angle iron frame 2" x 2" x 3/8" duly welded with fabricated steel bars to be adjusted with fabricated steel bars 2-1/4" x 2-1/4" x 3/6" angle iron a duly embed in pipe cement concrete 1:2:4 over the walls of the man holes fixing 1" dia M.S. steps 6" wide projection 4" from the face of wall at 12" cement concrete as per approved drawing of Directorate of Engineering Works, Education Department. (Schedule of P.H.Engg.P/39)	8.00	Nos	14748.00	Each	Rs 117,984

S:#	Description of Item	QUANTITY	RATE	UNIT	AMOUNT	
8	Providing chambers 15"x9" (Inside dimensions) x 24" deep for house meters with 6" thick C.C 1:3:6 blocks set-on 1:6 cement mortar 6" thick C.C 1:4:8 in foundation 1/2" thick cement plaster 1:3 to all inside wall surface and to top 1" thick C.C. 1:2:4 flooring complete with hinged cast iron cover and frame 15"x9" (inside) clear opening (Wt:-1Qr) etc, fixed in cement concrete 1:2:4 including curing excavation back filling & disposal of surplus earth etc, complete.(CSI # 2 page # 17).	8	Nos	4905.67	Each	Rs 39,245
9	P/F 15" x 12" bavelled edge mirror of belgium glass complete with 1/8" thick hard board & c.p screws fixed to woden plate standard patters(s.No. 3/A/P-7)	2.00	Nos	1161.60	Each	Rs 2,323
10	S/F swan type pillar cock of superior quality with crystal head (S.No 18-b/p-16)	8.00	Nos	877.80	Each	Rs 7,022
11	Supplying and fixing Fiber glass tank of approved quality,design & wall thickness as specified i/c cost of nuts,bolts i/c fixing at platform of c.c. 1:3:6 making connection for inlet & outlet flow pipes,etc.complete (a) 500.00 gallons, (S.No.3 P/18)	1.00	Nos	37505.42	Each	Rs 37,505
12	Providing R.C.C. pipe with collars class-B and digging the trenches to required					
a)	6" dia	100.00	Rft	199.25	PRft	Rs 19,925
b)	9" dia	75.00	Rft	250.60	PRft	Rs 18,795
					TOTAL	336,353

_____ %ABOVE /BELOW

SIGNATURE OF CONTRACTOR



EXECUTIVE ENGINEER
EDUCATION WORKS-I W&S DEPTT:
KARACHI.

S:#	Description of Item	QUANTITY	RATE		UNIT	AMOUNT
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NON SCHEDULE ITEM

7	P/F U PVC Pipe of Sch-40 of Nepro Plastic for waste & vent i/c cutting, fitting, jointing special U PVC Cement soulation as approved by D.O. Incharge. (4" or 6" dia pipe). (R.A.A)	20.00	Nos	324.39	Each	Rs	6,488
8	P/F PVC Pipe Nepro make of sch: 80 i/c cutting fitting cost of breaking through walls roof making good with c.c. testing water pressure to head of 200 ft & handling,etc. complete. (R.A.A)						
a)	1/2" dia	50.00	Rft	45.00	PRft	Rs	2,250
b)	3/4" dia	50.00	Rft	58.91	PRft	Rs	2,946
c)	1" dia	50.00	Rft	91.68	PRft	Rs	4,584
9	P/F PVC Socket of sch: 40 i/c fitting etc complete as by D.O Incharge. (R.A.A)						
a)	1/2" dia	20.00	Nos	37.80	Each	Rs	756
b)	3/4" dia	20.00	Nos	45.80	Each	Rs	916
c)	1" dia	20.00	Nos	55.48	Each	Rs	1,110
10	P/F PVC Elbow of sch: 40 to 90 degree i/c cutting fitting, etc. complete. (R.A.A)						
a)	1/2" dia	20.00	Nos	54.95	Each	Rs	1,099
b)	3/4" dia	20.00	Nos	75.79	Each	Rs	1,516
c)	1" dia	20.00	Nos	140.25	Each	Rs	2,805
11	P/F PVC Tee of sch: 40 degree i/c cutting fitting, etc. complete. (R.A.A)						
a)	1/2" dia	18.00	Nos	109.67	Each	Rs	1,974
b)	3/4" dia	25.00	Nos	136.29	Each	Rs	3,407
c)	1" dia	22.00	Nos	160.49	Each	Rs	3,531
12	P/F PVC Union of sch: 40 degree i/c cutting fitting, etc. complete. (R.A.A)						
a)	1/2" dia	15.00	Nos	350.88	Each	Rs	5,263
b)	3/4" dia	15.00	Nos	381.13	Each	Rs	5,717
c)	1" dia	10.00	Nos	47.88	Each	Rs	479
13	P/F PVC Brush of sch: 40 i/c Fitting etc complete as directed by D.O incharge. (R.A.A)						
a)	1/2" dia	20.00	Nos	64.34	Each	Rs	1,287
b)	3/4" dia	5.00	Nos	85.80	Each	Rs	429
c)	1" dia	10.00	Nos	140.80	Each	Rs	1,408
14	P/F PVC Clamp of sch: 80 degree i/c cutting fitting, etc. complete. (R.A.A)						
a)	1/2" dia	20.00	Nos	5.83	Each	Rs	117
b)	3/4" dia	20.00	Nos	10.56	Each	Rs	211
c)	1" dia	20.00	Nos	10.36	Each	Rs	207
15	P/F PVC Concelled stop cock 1/2" og schedule 40 i/c fitting etc complete as approved by D.O. Incharge. (R.A.A)	15.00	Nos	290.73	Each	Rs	4,361

S:#	Description of Item	QUANTITY	RATE		UNIT	AMOUNT
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16 P/F PVC Elbow of schedule 45 degree i/c fitting etc complete as directed by D.O Incharge. (R.A.A)

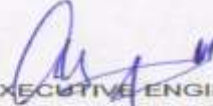
a)	1/2" dia	18.00	Nos	69.03	Each	Rs	1,243
b)	3/4" dia	5.00	Nos	89.55	Each	Rs	448
c)	1" dia	10.00	Nos	154.66	Each	Rs	1,547

17 P/F PVC Male thread adpter of schedule 45 degree i/c fitting etc complete as directed by D.O Incharge. (R.A.A)

a)	1/2" dia	10.00	Nos	44.99	Each	Rs	450
b)	3/4" dia	16.00	Nos	61.70	Each	Rs	987
c)	1" dia	6.00	Nos	130.99	Each	Rs	785

Total:

58,318


 EXECUTIVE ENGINEER
 EDUCATION WORKS-I W&S DEPTT:
 KARACHI.

S:#	Description of Item	QUANTITY	RATE		UNIT	AMOUNT
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S:#	Description of Item	QUANTITY	RATE		UNIT	AMOUNT
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S:#	Description of Item	QUANTITY	RATE		UNIT	AMOUNT
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S:#	Description of Item	QUANTITY	RATE		UNIT	AMOUNT
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24 P/F Steel Stainless local make complete with cast iron or wrought iron brackets 6" inches built in wall 1-1/2" rubber and pilug chorm brass china 1-1/2" c.p Brass waste with 1-1/2" plate P.V.C waste pipe and making requesite number of holes in walls & plinth and floor for pipe connection and making good in cement 1:2:4 (c) steel sink sized 33" x 18 " local making (standard batterns) (S.I.No.19-c/p-5).

2.00 Nos 1437.45 Each Rs 2,875

25 P/F 24" X 18" X 8" white glazed fire-clay sink complete with 6 inches built into walls 1/2" dia rubber plugs and chorm plated brass china 1/2" c.p brass washer 1-1/2" dia malloable iron or c.p brass trap with malloable iron or brass union and making requisite numbers of holes in walls plinth and floor for pipe connection and making good in c.c 1:2:4 (S.P) (S.No. 17-p-5).

2.00 Nos 1433.85 Each Rs 2,868

Total:

S:#	Description of Item	QUANTITY	RATE		UNIT	AMOUNT	
6	Providing and fixing in position nylon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nylon connection. (S.I.No.23 / p-6)	15.00	Nos	77.85	Each	Rs	1,168
7	Supplying and fixing 15"x12" beveled edge mirror of Belgian glass complete with 1/8" thick hard board & c.p.screws fixed to wooden Pleats. (P/7-3)	4.00	Nos	982.30	Each	Rs	3,929
8	S/F soap try earthen ware with c.p. screwed,etc.complete. (P/7-5)	8.00	Nos	98.45	Each	Rs	788
9	Providing and fixing in position chrome plated brass towel rail with brackets fixing on wooden cleats with 1" dia long c.p.brass screws 3/4" dia round or square.(Superior quality) (P/7-iii).	8.00	Nos	270.10	Each	Rs	2,161
10	P/L Full way gun metal valve with wheel threaded or flanged with rubber washer,etc. (Anwar Mech. Works) standerd patterns. (P/6-6)						
a)	1/2" dia	6.00	Rft	91.95	PRft	Rs	552
b)	3/4" dia	14.00	Rft	108.45	PRft	Rs	1,518
c)	1" dia	14.00	Rft	124.95	PRft	Rs	1,749
11	P/F 4" dia plain C.I.branch of the required degree with access rubber washer 1/8" thick bolts and nuts and extra painting to match the color of the building. (P/3-6)	12.00	Nos	201.40	Each	Rs	2,417
12	P/F 4" dia bend of the required degree with access rubber washer 1/8" thick bolts and nuts and extra painting to match the color of the building. (P/3-9)	8.00	Nos	176.60	Each	Rs	1,413
13	P/F 4" dia C.I.offset of various length i/c extra painting to match the color of the building. (P/3-8)	8.00	Nos	212.40	Each	Rs	1,699
14	P/F 4"X4"X4" Dia C.I branch of the required degree with access rubber washer 1/8" thick bolts and nuts and extra painting to match the color of the building. (P/9-9)	10.00	Nos	233.80	Each	Rs	2,338
15	Providing G.I. Pipes, specials, and clamps etc, including fixing cutting and fitting complete with and including the cost of breaking through walls and roof, making good etc. painting two coats after cleaning the pipe etc. with						
a)	1/2" dia	450.00	Rft	25.20	PRft	Rs	11,340
b)	3/4" dia	450.00	Rft	34.40	PRft	Rs	15,480
c)	1" dia	250.00	Rft	46.50	PRft	Rs	11,625
16	Extra labor for concealed G.I.pipe & fitting (P/11-2)						
a)	1/2" dia	450.00	Rft	3.60	PRft	Rs	1,620
b)	3/4" dia	450.00	Rft	8.85	PRft	Rs	3,983

S:#	Description of Item	QUANTITY	RATE	UNIT	AMOUNT
17	S/F long bib cock of superior quality with c.p head 1/2" dia. (P/15-15-a)	15.00 Nos	211.00	Each	Rs 3,165
18	S/F Stop cock of superior quality with c.p head 1/2" dia. (P/15-15-a)	10.00 Nos	228.15	Each	Rs 2,282
19	Providing R.C.C. pipe with collars class-B and digging the trenches to required depth and fixing in position including cutting, fitting and jointing with maxphalt composition and cement mortar 1:1 and testing with water				
a)	6" dia	350.00 Rft	72.40	PRft	Rs 25,340
b)	9" dia	250.00 Rft	115.20	PRft	Rs 28,800
20	Construction of man hole or inspection chamber for the required dia of circular sewer 3'-6" depth with walls B.B. in cement mortar 1:3, 1/2" thick inside of walls and 1" thick over benching and channel including R.C.C	13.00 Nos	5789.30	Each	Rs 75,261
21	Supplying and fixing Fiber glass tank of approved quality,design & wall thickness as specified i/c cost of nuts,bolts i/c fixing at platform of c.c. 1:3:6 making connection for inlet & outlet flow pipes,etc.complete (a) 250 gallons,wall thickness 3 5 mm (P/18-3 c)	2.00 Nos	9869.80	Each	Rs 19,740
22	with 6" thick C.C 1:3:6 blocks set-on 1:6 cement mortar 6" thick C.C 1:4:8 in foundation 1/2" thick cement plaster 1:3 to all inside wall surface and to top 1" thick C.C. 1:2:4 flooring complete with hinged cost iron cover and frame 15"x9" (inside) clear opening (Wt:-1Qr) etc, fixied in cement concrete 1:2:4 including Chamber	9 Nos	923.15	Each	Rs 8,308
Total Rs :-					289,817

S:#	Description of Item	QUANTITY	RATE		UNIT	AMOUNT
-----	---------------------	----------	------	--	------	--------

23 P/F PVC Socket of sch: 80 i/c cutting fitting, etc. complete. (R.A.A)

a)	1/2" dia	8.00	Nos	37.80	Each	Rs	302
b)	3/4" dia	8.00	Nos	45.80	Each	Rs	366
c)	1" dia	10.00	Nos	55.48	Each	Rs	555

S:#	Description of Item	QUANTITY	RATE		UNIT	AMOUNT
29	P/F U PVC Tee 4' dia i/c cutting, fitting, jointing special U PVC Cement soulation as approved by D.O. Incharge. (4" dia pipe). (R.A.A)	10.00 Nos	650.00		Each	Rs 6,500
30	P/F U PVC Socket 4' dia i/c cutting, fitting, jointing special U PVC Cement soulation as approved by D.O. Incharge. (4" dia pipe). (R.A.A)	20.00 Nos	305.14		Each	Rs 6,103
31	P/F U PVC Cross 4' dia i/c cutting, fitting, jointing special U PVC Cement soulation as approved by D.O. Incharge. (4" dia pipe). (R.A.A)	5.00 Nos	2449.37		Each	Rs 12,247
32	P/F U PVC Y Tee 4' dia i/c cutting, fitting, jointing special U PVC Cement soulation as approved by D.O. Incharge. (4" dia pipe). (R.A.A)	12.00 Nos	945.78		Each	Rs 11,349

Khalid

21	P/F PVC Pipe Nepro make of sch: 80 i/c cutting fitting cost of breaking through walls roof making good with c.c. testing water pressure to head of 200 ft & handling etc complete (R A A)					
a)	1/2" dia	100.00	Rft	45.00	PRft	Rs 4,500
b)	3/4" dia	50.00	Rft	58.91	PRft	Rs 2,946
c)	1" dia	100.00	Rft	91.68	PRft	Rs 9,168
d)	2" dia	100.00	Rft	192.52	PRft	Rs 19,252
22	P/F PVC Socket of sch: 80 i/c cutting fitting, etc. complete. (R.A.A)					
a)	1/2" dia	8.00	Nos	37.80	Each	Rs 302
b)	3/4" dia	8.00	Nos	45.80	Each	Rs 366
c)	1" dia	10.00	Nos	55.48	Each	Rs 555

23 P/F PVC Elbow of sch: 80 to 90 degree i/c cutting fitting, etc. complete.

S:#	Description of Item	QUANTITY		RATE		UNIT	AMOUNT	
a)	1/2" dia	8.00	Nos	54.95		Each	Rs	440
b)	3/4" dia	8.00	Nos	75.79		Each	Rs	606
c)	1" dia	11.00	Nos	140.25		Each	Rs	1,543
c)	4" dia	10.00	Nos	395.34		Each	Rs	3,953
24	P/F PVC Tee of sch: 80 degree i/c cutting fitting, etc. complete. (R.A.A)							
a)	1/2" dia	8.00	Nos	109.67		Each	Rs	877
b)	3/4" dia	8.00	Nos	136.29		Each	Rs	1,090
c)	1" dia	10.00	Nos	160.49		Each	Rs	1,605
25	P/F PVC Union of sch: 80 degree i/c cutting fitting, etc. complete. (R.A.A)							
a)	1/2" dia	8.00	Nos	350.88		Each	Rs	2,807
b)	3/4" dia	8.00	Nos	381.13		Each	Rs	3,049
c)	1" dia	10.00	Nos	471.88		Each	Rs	4,719
26	P/F PVC Clamp of sch: 80 degree i/c cutting fitting, etc. complete. (R.A.A)							
a)	1/2" dia	8.00	Nos	5.83		Each	Rs	47
b)	3/4" dia	8.00	Nos	10.56		Each	Rs	84
c)	1" dia	10.00	Nos	10.36		Each	Rs	104
27	P/F U PVC Pipe of Sch-40 of Nepro Plastic for waste & vent i/c cutting, fitting, jointing special U PVC Cement soulation as approved by D.O. Incharge. (4" dia pipe). (R.A.A)							
		50.00	Nos	324.39		Each	Rs	16,220
28	P/F U PVC Tee 4' dia i/c cutting, fitting, jointing special U PVC Cement soulation as approved by D.O. Incharge. (4" dia pipe). (R.A.A)							
		10.00	Nos	650.00		Each	Rs	6,500
29	P/F U PVC Socket 4' dia i/c cutting, fitting, jointing special U PVC Cement soulation as approved by D.O. Incharge. (4" dia pipe). (R.A.A)							
		20.00	Nos	305.14		Each	Rs	6,103
30	P/F U PVC Cross 4' dia i/c cutting, fitting, jointing special U PVC Cement soulation as approved by D.O. Incharge. (4" dia pipe). (R.A.A)							
		5.00	Nos	2449.37		Each	Rs	12,247
31	P/F U PVC Y Tee 4' dia i/c cutting, fitting, jointing special U PVC Cement soulation as approved by D.O. Incharge. (4" dia pipe). (R.A.A)							
		10.00	Nos	945.78		Each	Rs	9,458

S:#	Description of Item	QUANTITY	RATE	UNIT	AMOUNT	
31	S/F swan type pillar cock 1/2" dia standard patterns. (P/16-18,b)	6.00	Nos	295.00	Each	Rs 452
32	S/F C.P.brass shower rose with 1/2" dia or 3/4" inlet 6" superior quality. (P/13-	2.00	Nos	225.95	Each	Rs 257
05	S/F ball valve with un soldered copper ball made to BBS 1" dia.. (P/16-8,iii)	2.00	Nos	128.70	Each	Rs 165
17	P/F 4" Dia bend of the required degree with access rubber washer 1/8" thick					
18	a) Supplying and fixing brass bib cock, 1/2" dia, standard patterns. (S.I.No.15-a/p-					Rs 151
	b)	6.00	Nos	27.50	Each	Rs 206
	c)					Rs 294
	P/F Handle valve. (P/14-7)					
9	1/2" dia	2.00	Nos	75.45	Each	
	3/4" dia	2.00	Nos	102.95	Each	Rs 3,430
	1" dia	2.00	Nos	146.95	Each	
10	P/F 4" Dia C.I soil and vent pipe I/c cutting and fixing and extra painting to	50.00	Rft	68.60	PRft	Rs 2,838
	P/F M.S.Calamps of approved design to 3" dia C.I.pipe sockets i/c	50.00	Nos	56.75	Each	

Estimate

NAME OF WORK: SCHOOL IMPROVEMENT THROUGH ADOPT A SCHOOL INTERVENTION, KARACHI DIVISION AT INTELLIGENCE COLONY GIRLS SECONDARY SCHOOL, SULTANABAD KEAMARI KARACHI. (ADP NO. 523 OF 2014-15).


S.No.	Description of Items	QTY:	RATE	Unit	Amount
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SUI GAS FITTING

1	Providing and fixing low pressure Gas line of approved standerd having wall thickness of 2.65 mm The pipe to be screwed connection with malleable iron galvanized screwed fitting /fixture i/c cutting fixing also i/c cost of breaking through wall and making holes in walls columns, beams, slab etc and making good with ratio c.c, mortor and finishing with cement plaster 1;2 Also testing and turning on supply and cost of jointing material as required (RA).					
(A)	1" dia	100	Rft.	60.55	P.rft	6,055
(b)	3/4" dia	100	Rft.	40.04	P.rft	4,004
(C)	1/2" dia	250	Rft.	30.52	P.rft	7,630
2	Supplying and Installation manifold brass Union Cock of approved pattern and make suitable for Gas Line also i/c the cost of testing complete ibn all respects(RA).					
		28	Nos:	211.75	Each.	5,929
3	Supplying and Installation lock wing pattern plugh type meter lock cock complete of approved quality /make complete in all respects as directed by the Engineer Incharge(RA).					
		16	Nos:	864.05	Each.	13,825
4	Supplying and fixing Bensun Burner of approved make testing with required pressure completeb in all respects. (RA)					
		55	Nos:	354.75	Each.	19,511
5	Providing and fixing lab cock of standerd make approved quality i/c testing with requir4ed complete in all respects. (RA)					
		15	Nos:	382.25	Each.	5,734
6	Providing and fixing Single Gas Stove 12"x12" of approved make complete in all respects as directed by the Engineer Incharge. (RA)					
		8	Nos:	580.25	Each.	4,642
7	Making required Sui Gas Points for fixing of Bensun Burner Gas stove etc i/c the cost of required fixing fixture and special connection rubber pipe of requyured size and length (Whether req)making holes in tables etc complete in al;l respects as directed by the ERngineer Inchaerge.(R.A).					
		28	Nos:	120.45	Each.	3,373

Total:

70,702


EXECUTIVE ENGINEER
EDUCATION WORKS-I W&S DEPTT:
KARACHI.

- 8 Carriage of 100 cft / 5 tons of all materials like stone aggregate, spawl, coal, lime, surkhi etc, B. G. Rail fastenings points and crossing bridges, Girders, Pipes, Sheets Rails, M. S. Bars etc. or (1000 Nos brick, 10" x 5" x 3") or (1000 Nos tiles 12" x 6" x 2") or 150 Cft of timber or 100 Maunds of fuel wood by trucks or any other means owned by the Contractor. (Lead 10 Miles) (S.I.No.1 page 1 of Basic Schedule of Material)

SAME QUANTITY AS NEW EARTH

Cft

0.00 Cft

246.10 % Cft

0

- 15 Providing grey cement skirting or dado 3/8" thick including rounding of corner and straightening of top edge and finishing to smooth surface after plastering ratio 1:2. (S.I.No.36-a page 50)

CR INSIDE	2	x	2	x(11.00	16.00)x	##
VER INSIDE	1	x	2	x(40.50	7.00)x	##

Sft

136.01 Sft

1263.16 % Sft

1718

20 White washing three coats (S.I.No.26-b P-60)

CR CEILING			2	x	20.00	16.00	
T-BEAM	2	x	2	x	16.00	1.50	
VER CEILING			1	x	40.50	7.00	
M.BUILDING PROJECTION	1	x	2	x(44.50	24.50)x	##
CR WINDOW PROJECTION			4	x	5.00	1.50	

Sft

1256.50 Sft

115.18 % Sft

1447

21 Primary coat of chalk under distempering (S.I.No.23 P-59).

SAME QUANTITY AS CEMENT PLASTER

Sft

0.00 Sft

58.85 % Sft

-

22 Distempering three coats (S.I.No.24-b P-60)

Same Quantity as Primary Coat of Chalk

Sft

Sft

0.00 Sft

263.51 % Sft

-

- 23 **Painting new surfaces**
 © Painting doors and windows any type (three coats). (S.I.No.4-c P-76)

CR DOOR	2	x	2	x	4.00	7.00	
CR WINDOW	2	x	3	x	2.00	4.00	##

Sft

304.00 Sft

978.97 % Sft

2,976

BASIC MATERIAL SCHEDULE OF RATE

- 24 Difference cost between O.P.C and S.R cement (Basic Material Schedule of Rate)

C.C. 1 : 4 : 8	#REF!	9.50	%	Bags
C.C. 1 : 5 : 10		0.00	7.75	%
Cement Concrete plain 1:3:6		0.00	12.00	%
Masonry Plinth & Foundation 1:3:6		0.00	12.00	%
RCC 1 : 2 : 4		0.00	17.60	%
Topping 3" thick 1 : 2 : 4		0.00	4.50	%

Bags

#REF! Bags

30.00 P. Bag

#REF!

#REF!

- 2 Add: extra labour for block masonry in first floor. (S.I.No.29-a P-23).

BLOCK MASONRY 6" BELOW 1ST FLOOR

Cft

0.00 Cft

226.90 % Cft

-

- 4 Add extra labour for R.C concrete in 2nd and subsequent storeys. (S.I.No.6-d page 19)

SAME QUANTITY AS RCC

Cft

#REF! Cft

5.80 P.Cft

#REF!

- 6 Extra labour for lifting of steel above first floor for every additional floor. (S.I.No.28 page 23)

SAME QUANTITY AS FABRICATION PART-A
SAME QUANTITY AS FABRICATION PART-B

Cwt

Cwt

Cft

0.00 Cwt

60.50 P. Cwt

0

- 7 Erection and removal of centering for RCC or plain cement concrete works of Partial Wood (2nd class) (a) (ii) Vertical. (S.I.No.18-b-ii P-21)

x	x	5.33	2.00
x	x	4.00	2.00

Sft

0.00 Sft

1405.75 % Sft

-

- 8 Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate without shuttering). (S.I.No.5-a P-18)

x	x	2.00	0.67 x	##
x	x	1.00	1.00 x	##

Sft

0.00 Cft

5001.70 % Cft

0

- 15 Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" including and frame of flat iron patti of 3/4" x 3/4" including circle shape at 1-0 apart equivalent fitted with screws are pins including painting three coats with 1st coat of red oxide paint etc. (S.I.No.30 page 98)

x 6.00
x 9.00

Sft

0.00 Sft

123.91 P.Sft

-

- 18 Providing and fixing colour create to wall surface to provide, durable crust and aesthetics having thickness upto 3/4" with specified colour

1 x 1 x(145.00 100.00)x ##

Sft

DEDUCTION

window 14 x 1 x 6.00 5.00
window 3 x 1 x 4.00 5.00
opening 16 x 1 x 8.00 5.00

Sft

NET QUANTITY

6125.00 #####

Sft

5005.00 Sft

3137.20 % Sft

157017

- 17 Add extra labour for rock wall / colour create above 20.00' height requiring scaffolding etc for every 10.00' additional height.
(S.I.No.45 page 63)

SAME QUANTITY AS COLOUR CREATE

Cft

5005.00 Cft

1.24 P.Sft

6206

- 21 Extra labour for each story above ground for mosaic, conglomerate or tiles, stone and wooden floor. (S.I.No.18 P-48).

MOSAIC FLOORING
MOSAIC DADO SKIRTING

Sft
Sft

Sft

0.00 Sft

90.75 % Sft

-

- 23 Add extra in cement concrete floor topping if finished with pigment and polishing. (S.I.No.17 page 48)
TOPPING 2" 1:2:4

Sft

Sft

0.00 Sft

223.85 % Sft

-

- 25 Add 13.00% Extra labour for bitumen. (S.I.No. Page)

QUANTITY SAME AS TWO COATS OF BITUMEN
(25.87 x 2 = 51.74)

0.00 Sft

51.74 % Sft

-

22 Making and fixing steel
grated doors with 1/16"
thick sheeting including
angle iron frame 2" x 2"
x 3/8" and 3/4" square
bars 4" centre to centre
with locking
arrangement. (S.I.No.24
page 97)

x 8.00

Sft

0.00 Sft

385.76 P.Sft

-

24 Coloured cement tiles
(8" x 8" x 3/4") of
approved dark shade
laid flat in 1:2 cement
mortar over 3/4"
bedding mortar of 1:2.
(S.I.No.15 page 47)

x 40.00

Sft

DEDUCTION

x 9.00

Sft

NET

0.00 0.00

Sft

0.00 Sft

4437.38 % Sft

0

29 **Painting new surface**
painting guard bars,
gates iron bars gratings,
railings including
standard braces (etc.)
and similar open work.
(three coats) (S.I.No.4-
d-ii P-76)

SAME QUANTITY AS STEEL GRATED DOOR

0.00 2

Sft

Sft

0.00 Sft

584.54 % Sft

-

30 Turfing slops of banks
 or lawns with grass
 sods including
 ploughing laying setting
 and watering turf got
 from within a distance
 of 5 miles and
 maintenance for 15
 days. (S.I.No.27 page
 6)

x 18.00

Sft

0.00 Sft

580.80 % Sft

0

31 Supplying Mannure
 (S.I.No.44 page 109)

x x 0.50

Cft

PER CARD SIDE = 16.00 CFT

0.00 16.00 Cft

0.00 Cards

149.05 P. Card Lead

0

8 Providing and fixing collapsible gate with channel framing of section 3/4" x 5/16" at 4" revitted with 3/4" x 1/8" flat iron patti placed diagonally and provided with top and bottom T-section 1" x 1" x 1/8" alongwith rollers also including locking arrangement and fixing in floor ceiling or wall etc. complete. (S.I.No.32 page 99)

opening Gate 1 x 2 x 10.75 8.00

Sft

172.00 Sft

225.50 P.Sft

38,786

11 Damp proof course with cement sand ratio 1:2 mixed with damp (b) 3/4" thick. (S.I.No.69-b page 112)

x 13.00

x 7.00

Sft

0.00 Sft

961.95 % Sft

-

38 Khapriel of cement concrete 12" x 8" x 1" of approved design / shape laid flat in 1:2 grey cement mortar over a bed of 3/4" thick grey cement mortar 1:2. (S.I.No.39 page 44)

x 7.00 1.75

x 7.00 1.75

Sft

0.00 Sft

3813.95 % Sft

0

- 39 Extra labour rate making grooves of 1" x 1/4" or 3/4" x 1/2" plastered surface with true edges both vertically and horizontally with uniform depth and with groove base smoothly finished etc complete as per instruction of Engineering Incharge. (S.I.No.34 page 61)

x	1	86.00
x	2	110.00

Rft

0.00 Rft**3.54 P. Rft****0**

- 40 Extra labour for making cement plaster patta / band / around straight or craval opening and around the edge of roof slab the width not less than 6" with fine cement concrete and directed by Engineer Incharge. (S.I.No.35 page 61)

x	2	28.00
x	1	35.00

Rft

0.00 Rft**11.25 P. Rft****0**

- 1 Jungle clearance and removing within 100 feet (a) THICK. (S.I.No.4-b page 100)

x	269.50	83.00
x(+	74.00 11.50

Sft

0.00 Sft**60.50 % Sft****-**

2 Supplying of clean screened (River of pit) sand within 5 chains including removal of top crust of earth or over burden and royalty to the Government or cost to the private owner. (S.I.No.36 page 7)

x	x	256.00	0.25
x	x	197.00	0.25

Cft

0.00 Cft

176.30 % Cft

0

11 Providing and fixing angle iron vertical posts for barbed wire fencing of size 2" x 2" x 1/4" embedded in R.C.C / Masonary pillars including making cuts / holes at 12" including fixing in pillars by chiseling and filling the with cement sand mortar repairing and finishing the surface.

x	1	2.50
---	---	------

Rft

0.00 Rft

103.00 P. Rft

0

12 Providing and fixing barbed wire fencing with 12 gauge-4 points @ 6" apart barbed wire including straightening and fixing in angle iron vertical posts. (S.I.No.9 P-101).

4	x	##
4	x	##

Rft

0.00 Rft

4.24 P.Rft

0

14 Leveling dressing and making lawns. (S.I.No.42 page 109)

x 145.75
x 146.00

Cft

0.00 Sft 87.12 % Sft 0

2 Earth for slush or daldal including dewatering. (S.I.No.16 page 04)

SAME QUANTITY OF EXCAVATION PART - A #REF! 2.00 (/) ## Cft

Cft

#REF! Cft 968.00 %0 Cft #REF!

3 Stone pitching including sub base with hammer dressed stone on surface laid in courses including carriage of material within three chain. (S.I.No.23 page 37)

SAME QUANTITY OF EARTH FOR SLUSH OR DAI #REF! 1.50 (/) ## Cft

Cft

#REF! Cft 1887.90 % Cft #REF!

9 Vertical damp proof course of 3/4" thick cement plaster 1:2 with bitumen at (20 lbs per % Sft). (S.I.No.70 Page 112)

x x(99.33 47.33)x ##
x x 47.33 4.50

Cft

0.00 Sft 1041.84 % Sft -

12 Extra for erection and removal of steel plate shuttering for RCC work supported with scaffolding pipes and fasted with clamps nuts and bolts for height above 14" complete in all respect as directed by Engineer Incharge. (S.I.No. Page)

x	x	100.67	2.00
x	x	2.00	2.00

Cft

0.00 Cft

20.74 P.Sft

0

13 Providing and laying single per layer of polyethylene sheet 0.13 mm thick for water proffing as per specification and instruction of Engineer Incharge. (S.I.No.38 page 44)

SAME QUANTITY AS C.C 1:4:8

#REF! 0.50

Cft

SAME QUANTITY AS CEMENT CONCRETE PLAIN

0.00 0.50

Cft

Cft

#REF! Sft

3.64 P.Sft

#REF!

42 Making and fixing grating in opening including fixing at site with flat iron 2" x 3/8" and 3/4" bars at 4" centre to centre. (S.I.No.25 page 97)

stair case flight 1

4

x

12.00 3.50

x

5.00

Sft

168 Sft

165.43 P. Sft

27,792

50 S/F split tiles of approved matt glazed or double glazed Acid / Alkali and chemical resistant a back of dove fail gloves jointed in white cement laid over 1:2 grey cement sand mortar 1,2 to 3,4 thick i/c finishing etc. complete. (S.I.No.55 page 69)

x x 23.00

Sft

0.00 Sft

111.55 P. Sft

-

Rate Analysis / Non Schedule Items

51 P / A graffiato (3/8" to 12" thick) the product composed of material marble guard stone iron oxide detonium HSC natural colour chips and pigments ammonia nitrogen jelicoal heated on high temperature on ultra violet lamp mixed with acrylic resin anti bactrial and fungal additives and anti fuming against alkali showing no blistering winking or lifting after application, resistant to accelerated weather change and resistant to water head of 100 litre per 8 hours drying time, having rough dry from 4 to 8 hours and full dry in 72 hours specific gravity various

x x(56.67)x ##

Sft

0.00 Sft

27.80 P. Sft

-

14 1-1/2" thick mosaic flooring consisting of 1/2" mosaic topping of one part of grey cement and two part of marble chips laid over 1" thick flooring of 1:2:4 cement concrete including rubbing and polishing complete. (S.I.No.22 page 48)

x x 10.00 13.33
x x 6.83 1.00

Sft

0.00 Sft

3441.68 % Sft

0

15 Mosaic dado or skirting
 one part of grey cement
 and two parts of marble
 chips laid over 1/2"
 thick cement plaster 1:3
 complete with
 finishing. (1/2" thick)
 (S.I.No.39-b page 51)

x x(10.00 18.00)x ##
 x x 6.83 0.50

Sft

0.00 Sft

4679.95 % Sft

0

18 Cement concrete brick
 or stone ballast 1-1/2"
 to 2" (B) Ratio 1:5:10
 (S.I.No.4-C P-17)

x x 3.75 3.75 x ##

Cft

0.00 Cft

3213.95 % Cft

0

25 Making and fixing
 frames for doors and
 windows and C.
 Windows. (b) Deodar
 wood. (S.I.No.25 page
 68)

x 4.00 7.00
 x 4.00 4.00

Sft

0.00 Sft

81.14 P.Sft

-

26 Making and fixing
 deodar 1st class
 planning in Eave
 Boards etc. planed on
 both sides rebated and
 fixed including nails
 and screws bolts and
 brackets. © 1/ 2" thick.
 (S.I.No.26-c page 69)

x x 3.75 1.58

x

x

3.75

3.75

Sft

0.00 Sft

62.43

P.Sft

-

29 Making and fixing steel
grated doors complete
with locking
arrangement angle iron
frame 2" x 2" x 3/8"
and 3/4" square bars 4"
centre to centre.
(S.I.No.23 P-97).

x 8.00 7.00

Sft

0.00 Sft

316.72 P.Sft

0

38 Glazing with plate glass
1/4" thick including the
cost of 1st class deodar
wood fillets and putty
(a) Glazing upto 8
square feet. (S.I.No.48-
a page 71)

x x 3.75 1.58
x x 3.75 3.75

Sft

0.00 Sft

81.76 P. Sft

-

28 Preparing the surface
and applying rock wall /
shield (Natural wall
texture) coating to
provide durable crust

x x(11.25)x ##

Sft

0 Sft

1927.20 % Sft

-

x 5.00 4.00
x 3.00 2.00

31 First class deodar wood wrought joinery work in wire gauze door and windows with 22 SWG Galvanized wire gauze 144 mesh per square inch iron fittings complete. (b) 1-1/2" thick deodar wood

x 5.00 4.00

Sft

0 Sft

155.97 P.Sft

0

32 Fixing expended metal with 1" Deodar wooden strips and screws.

x 5.00 4.00

Sft

0 Sft

86.58 P.Sft

0

First class deodar wood wrought joinery work in wire gauze door and windows with 22 SWG Galvanized wire gauze 144 mesh per square inch iron fittings complete. (b) 1-1/2" thick deodar wood framing including wire gauze with ordinary hings. S.I.No.14-b P-67).

x 4.00 7.00

Sft

0.00 Sft

155.97 P.Sft

0

First class deodar wood wrought joinery work in wire gauze door and windows with 22 SWG Galvanized wire gauze 144 mesh per square inch iron fittings complete. (d) Galvanized wire gauze fixed to chowkats with 3/4" deodar strips and screws. (S.I.No.14-d P-67).

x 3.00 4.00

Sft

0.00 Sft

61.33 P.Sft

0

Cement tiles (8" x 8" x 3/4") laid flat in 1:2 cement mortar over 3/4" thick cement mortar 1:2. (S.I.No.13 P-47).

x 10.00 14.00
x 7.50 42.00

Sft

0.00 Sft

3230.95 % Sft

0

Glazing with panes (16 oz to 18 oz) including cost of putty. (S.I.No.45-a P-72).

x x 1.33 1.25
x x 1.33 1.17

Sft

0.00 Sft

###

P.Sft

0

Rubber flooring (consisting of 12" x 12" x 1/8" rubber tiles, laid on firm foundation. (S.I.No.63 P-54)

x x 6.00 4.00

x x 2.00 8.00

Sft

0.00 Sft

6466.35 % Sft

0

Supplying and fixing broken glasses on court yard walls including 1:3:6 cement concrete coping. (S.I.No.61 P-111)

x 70.00

x 260.00

Lft

0.00 Lft

22.12 P.Lft

-

13 Damp proof course with cement sand ratio 1:2 mixed with dampo. (a) 1/2" thick. (S.I.No.69-a P-112).

x 2 x(12.00 8.00 8.00 6.00 x) ##

Sft

0.00 Sft

791.18 % Sft

-

SCHEDULE OF PRICE

NAME OF WORK: SCHOOL IMPROVEMENT THROUGH ADOPT A SCHOOL INTERVENTION, KARACHI DIVISION AT INTELLIGENCE COLONY GIRLS SECONDARY SCHOOL, SULTANABAD KEAMARI KARACHI.

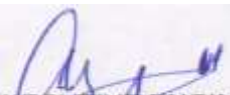
S.No.	Description of Items	Rate	Unit	Quantity	Amount
<u>Schedule items which stands AT PAR</u>					
1	Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead upto 5 ft. (b) In ordinary Soil. (S.I.No.18 P:No: 4).				
	19277.50 Cft	3176.25	%oCft	Rs.	61,230
2	Foundation and Plinth Random rubble Masonary (uncoursed) Dry masonry (P-27 / S # 1-a)				
	3591.00 Cft	13051.50	%Cft	Rs.	468,679
3	Cement concrete brick or stone ballast 1-1/2" to 2" gauge Ratio 1:5:10 (P-15/S # 4-b).				
	4169.50 Cft	8694.95	% Cft	Rs.	362,536
4	R.C.C. work i/c all labor and material except the cost of steel reinforcement and its labor for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) (A) R.C.C. work in roof slab, beams columns rafts, lintels and other structural members laid in situ or precast laid in position completed in all respects. (i) Ratio 1:2-4 (P-16 / S # 6-a- i).				
	15844.38 Cft	337.00	P.cft	Rs.	5,339,556
5	Erectin and removal of centering for R.c.c or plain cement works of Partal wood (2nd class year partal wood (Vertical) (P-21 / S # 19 -a-ii)				
	2424.00 Cft	3127.41	% Cft	Rs.	75,808
6	Cement Concrete palin i/c placing compacting finishing and curring complete (including screening and washing of stone aggregate without shuttering 1:3:6 (P-16 / S # 5-h).				
	4302.54 Cft	12595.00	% Cft	Rs.	541,905
7	P/L 1:3:6 C.C solid block masonry walls set in 1:6 cement sand mortor in plinth & foundation i/c racking out joints and curring etc complete. (P- 19 / S # 22).				
	96.00 Sft	14268.53	% Sft	Rs.	13,698
8	P/L 1:3:6 cement concrete solid block masonry wall 6" and below in thickness set in 1:6 cement mortar in ground floor super structure including raking out joints and curing etc. complete. (S.I.No.23 P-22).				
	5795.00 Cft	14621.44	% Cft	Rs.	847,312
9	Painting new surface painting doors and windows any type three coat.(P- 68 /S# 5-C).				
	1280.00 Sft	2116.41	% Sft	Rs.	27,090

S.No.	Description of Items	Rate	Unit	Quantity	Amount	
10	Providing and laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (S.I.No.16-c P-42)	4785.00	Sft	3275.50	% Sft	Rs. 156,733
11	Two coats of bitumen laid hot using 34 lbs for % Sft over roof and blinded with sand at one Cft per % Sft. (S.I.No.13 P-35)	4785.00	Sft	1887.40	% Sft	Rs. 90,312
12	Cement plaster 1:4 upto 20" height © 3/4" thick. (S.I.No.11-c P-52)	31037.25	Sft	3015.76	%Sft	Rs. 936,009
13	Making Notice Board with cement plaster 1/2" thick wide finishing 1" wide beading.	432.00	Sft	58.11	P.Sft	Rs. 25,104
14	Bitumen coating to plaster or cement concrete surface (P-71/ S # 9).	6207.45	Sft	778.09	% Sft	Rs. 48,300
15	Bailing or Pumping out sub osid water during excavatin concerting cosin situ concrete or masonary work in foundation etc.	19277.50	Sft	543.00	%Sft	Rs: 104677
16	Full hire charges 07 the pumping per day inclusive of wage of driver and Assistant fued or electric energy plate form, required for placing pumps etc, at lower depth with suction and delivery pipe for pumping out water found at various depth from trenches i/c the cost of erection and dismantling after comlation of the job. (iv) Hire charges of pumping set of upto 10. H.P but not less than 5- H.P pimping out water from 10 ft deep trench.	10.00	day	1500.00	P.Day	Rs: 15000
17	Providing Anti-Termite treatment by spraying sprinkiling spreading Neptachlar 0.5 % Emulsion as an all pre-construction treatment in slab type construction under the slab and along attache perches or entrances etc, complete as per direction of Engineer Incharge. (P -109/S# 91).	4785.00	Sft	40.10	P.Sft	Rs. 191,879
18	R.C.C. spouts i/c fixing in position 2-1/2"x6"x5.(P-18 /S # 14).	15.00	Nos	261.25	Each	Rs. 3,919
19	Providing and laying single per layer of polyethylene sheet 0.13 mm thick for water proffing as per specification and instruction of Engineer Incharge. (S.I.No.38 Page 38)	4785.00	Sft	10.70	P.Sft	Rs. 51200

S.No.	Description of Items	Rate	Unit	Quantity	Amount
20	Cutting Hard Rock such as granite, ballast, hard lime stone or sand stone etc, with chisels and hammers for small foundations (P-04 / S # 18).				
	4819.38 Cft	28672.05	%0Cft	Rs.	138,182
21	Primary coat of chalk under distemper.(P-54 S # 23).				
	31037.25 Sft	442.75	%Sft	Rs.	137,417
22	Distemper 03 coats (S.1 # 24 - C Page # 54).				
	7177.00 Sft	1079.65	%Sft	Rs.	77,486
23	White washing three coats (P-54 / S # 26-c).				
	712.00 Sft	829.95	%Sft	Rs.	5,909
24	Preparing the surface painting with matt finish i/c rubbing the surface with bathy slicon carbide rubbing brick)filling the voids with white zink /cjhalk /plaster of paris mixture applying first smooth and then painting three coats with matt finish of approved make etc complete(new surface)(P-55 /S # -36).				
	31037.25 Sft	1989.62	%Sft	Rs.	617,523
25	P/L 3" thick Topping C.C (1:2:4) including surface finishing and dividing into panels (S # 16-D page # 46).				
	3692.00 Sft	4411.82	%Sft	Rs.	162,884
				TOTAL (A):-	<u>10,500,348</u>

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SIGNATURE OF CONTRACTOR


EXECUTIVE ENGINEER
EDUCATION WORKS-I W&S DEPTT:
KARACHI.

S.No.	Description of Items	Rate	Unit	Quantity	Amount
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Schedule items such as Fabrication & Steel

- 1 Fabrication of mild steel reinforcement for cement concrete including cutting bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars.) (S.I.No.8-b P-17).(Using Tor Bar).

811.31 Cwt 5001.70 P. Cwt Rs. 4,057,929

- 2 M/F steel grated doors with 1/16" thick sheeting including angle iron frame 2" x 2" x 3/8" and 3/4" square bars 4" centre to centre with locking arrangement. (S.I.No.24 page 92)

80.00 Sft 726.72 Psft Rs. 58,138


- 3 Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" including and frame of flat iron patti of 3/4" x 3/4" including circle shape at 1-0 apart equivalent fitted with screws are pins including painting three coats with 1st coat of red oxide paint etc. (S.I.No.30 page 94)

2340.00 Sft 194.16 P.Sft Rs. 454,334

TOTAL (B) 4,570,401

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SIGNATURE OF CONTRACTOR


EXECUTIVE ENGINEER
EDUCATION WORKS-I W&S DEPTT:
KARACHI.

S.No.	Description of Items	Rate	Unit	Quantity	Amount
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Schedule item which stands 20% Below

1	First class deodar wood wrought, joinery in doors and windows etc. fixed in position including Chowkats hold fasts hinges, iron tower bolts chocks cleats, handles and cords with hooks etc Deodar Panelled or pannelled and glazed or fully glazed (b) 1" thick (P-58/S # 7-b).	1273.76	P.Sft	120.00 Sft	Rs. 152,851
2	P/F in position, Doors Windows and Ventilators of first class deodar wood frames, and 1-3/4" thick commercial, ply veneer shatter of first class deodar skeleton (Hollow) and commercial ply wood (3 ply) on both sides (P-58 S.# 9).	1227.36	P.Rft	520.00 Rft	Rs. 638,227
3	Laying white marble flooring fine dressed on the surface winding set in lime mortar 1;2 i/c rubbing and polishing the joints.(a) 3/4" thick flooring (P/43 S #-28,a)	567.48	P.Sft	2392.00 Sft	Rs. 1,357,412
4	P/F 3/8" thick marble tiles of approved quality and color and shade size 8"x4/6"x4" in dado skirting and facing removal / tucking of existing plaster surface etc.over 1/2" thick tiles with white cement slurry i/c curing, finishing, cleaning & polishing etc.complete. (New work). (P/49- S # 68,i).	186.04	P.Sft	300.00 Sft	Rs. 55,812
5	P/F with sunken iron screws wooden Architrave approved design / shape having width not less than 2-1/2 inches as directed by E/ Incharge.(P/66 -S # 60)	49.97	P.Sft	495.00 Sft	Rs. 24,735
6	Laying floor of approved with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete. (S.I.No.24 P-43)	27678.86	% Sft	470.01 Sft	Rs. 130,093
7	Glazea tiles dado 1/4" thick laid in pigment over 1:2 cement sand mortor 3/4" thick i/c finishing. (P-45/ S # 38).	28299.30	% Sft	2503.76 Sft	Rs. 708,547
8	P/L tiles glazed 6"x6"x1/4" on floor or wall facing in required pattern of STILE specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc. complete including cutting tiles to proper profile. (S.I.No.60 Page 47).	30509.77	%Sft	1535.00 Sft	Rs. 468,325
9	S/F in position Aluminum channels framing for sliding windows and ventilators of Alcop made with 5 mm thick tinted glass glazing (Belgium) & Aluminum fly screen including handles stoppers and locking arrangement etc. complete. (b) Deluxe model (Bronze) (S.I.No.84-b P-108).	1647.69	P.Sft	1080.00 Sft	Rs. 1,779,505

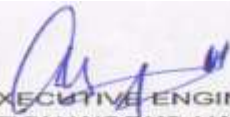
S.No.	Description of Items	Rate	Unit	Quantity	Amount
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10 Supplying and fixing in position Aluminum channels framing for sliding doors of Alcop made with 5 mm thick tinted glass glazing (Belgium) & Aluminum fly screen including handles stoppers and locking arrangement etc. complete. (b) Deluxe model (Bronze) (S.I.No.83-b P-108).

128.00 Sft	1507.66	%Sft	Rs.	192,980
TOTAL (C)				5,508,488

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SIGNATURE OF CONTRACTOR



EXECUTIVE ENGINEER
EDUCATION WORKS-I W&S DEPTT:
KARACHI.

S.No.	Description of Items	Rate	Unit	Quantity	Amount
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NON SCHEDULE ITEMS

1	Extra for erection and removal of steel plate shuttering for RCC work supported with scaffolding pipes and fasted with clamps nuts and bolts for hight above 14" complete in all respect as directed by Engineer Incharge. (R.A)				
	8600.00 Cft	20.74	P.Sft	Rs.	178364
2	P/L porcelain tiles glazed & polished 16"x16"x5/16" on floor or wall facing in required color & patterns in white cement & pigment over a base of 1:2 gray C.M. 3/4" thick i/c washing & filling joints with slurry of white cement & pigment in desired shape with finishing, cleaning & coats of wax polish i/c cutting tiles to proper profile. (R.A.A.)				
	4975.63 Sft	200.73	P.Sft	Rs.	998,758
3	Filling watering and remmaning earth under floor with new earth excavated from outside lead upto one				
	12780.00 Cft	12.00	P.Cft	Rs:	153360
4	Extra Lead for 10' miles (R.A).				
	12780.00 Cft	902.20	%Cft	Rs.	115,301
5	Removing of dabries (R. A).				
	787.50 Cft	246.65	%Cft	Rs.	1,942
6	Difference of S/R Cement. (R. A).				
	2600.13 Nos.	40.00	P.Bag	Rs.	104,005
7	P / A graffiato (3/8" to 1/2" thick) the product composed of material marble guard stone iron oxide detonium HSC natural colour chips and pigments ammonia nitrogen jelicoal heated on high temperature on ultra violet lamp mixed with acrylic resin anti bactrial and fungal additives and anti fuming against alkali showing no blistering winking or lifting after application, resistant to accelerated weather change and resistant to water head of 100 litre per 8 hours drying time, having rouch dry from 4 to 8 hours and full dry in 72 hours specific gravity various from texture to texture from P -55 S # 36) (R . A)				
	8256.00 Nos.	27.80	P.Sft	Rs.	229,517
8	Raling of Stair Case (L.Q.R).				
	72.00 Rft	2500.00	P.Rft	Rs.	180,000

S.No.	Description of Items	Rate	Unit	Quantity	Amount
9	P/F Marble top 3/4" thick in required size any piece i/c chemical polish etc, complete or director by incharge (R.A).				
	180.00 Rft	950.00 P.Rft			Rs. 171,000
10	P/F three diamentioned arrow grill				
	150.00 Rft	547.00 P.Rft			Rs. 82,050
				Total (D)	<u>2,214,298</u>

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SIGNATURE OF CONTRACTOR



EXECUTIVE ENGINEER
EDUCATION WORKS-I W&S DEPTT:
KARACHI.

S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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M.P Hall

B1, Top 5/8" " "	9	x	3.00	x	26.50	x	1.04	=	745.55				
Both 3/4" " " "	9	x	3.00	x	26.50	x	1.50	=	1074.68				
Rings 3/8" " " "	9	x	50.00	x	7.00	x	0.38	=	1184.40				
B2, Bt /Top 5/8"	2	x	2	x(21.00	+	17.25	+	21.25)x	1.042	=	248.00
" " " " " " "	2	x	1.00	x	2.00	x	10.00	x	1.042	=	41.68		
Side Top 5/8"	2	x	1.00	x	2.00	x	26.00	x	1.042	=	108.37		
Bottom 5/8"	2	x	1.00	x	2.00	x	26.00	x	1.042	=	108.37		
B2 Ring 3/8"	2	x	1.00	x	92.00	x	5.50	x	0.376	=	380.51		

SLAB

1/2" " M/bav	2	x	1.00	x	26.00	x	12.00	x	0.667	=	416.21		
1/2" " M/bav	2	x	1.00	x	25.00	x	10.75	x	0.667	=	358.51		
1/2" " M/bav	2	x	51.00	x	12.00	x	0.667	=	816.41				
1/2" " M/bav	2	x	26.00	x	12.00	x	0.667	=	416.21				
1/2" " M/bav	2	x	25.00	x	10.75	x	0.667	=	358.51				
1/2" " M/bav	2	x	26.00	x	12.00	x	0.667	=	416.21				
1/2" " M/bav	1	x	50.00	x	12.00	x	0.667	=	400.20				
3/8" " M/bav	7	x(10.00	+	4.00	+	4.00)x	26.00	x	0.376	=	1231.78

S.No.	Description of Items	Rate	Unit	Quantity	Amount
	Extra Top 1/2" 2 x 7.00 x 11.00 x 6.00 x 0.667	=		616.31	
	" " 3/8 O/bov 2 x 8.00 x 9.00 x 0.376	=		54.14	
	Chairs 1/2" " " 7 x 2.00 x 8.00 x 3.50 x 0.667	=		261.46	
	" " " " " " 7 x 2.00 x 3.00 x 3.50 x 0.667	=		98.05	
	Lintels 5/8" 8 x(2.00 + 2.00)x 8.17 x 1.042			272.42	#REF!
	" " " "3/8" 8 x 17.00 x 3.33 x 0.376	=		170.28	
	Lockers Slab1/2" 2 x 2.00 x 3.00 x 11.50 x 0.667	=		92.05	
	3/8" D/L 2 x 2.00 x 18.00 x 1.55 x 0.376	=		41.96	
	Cabinets Slabs 12 x 7.00 x 3.50 x 0.667	=		196.10	
	" " " "3/8" " " 12 x 3.00 x 2.25 x 0.376	=		30.46	
	Enterence Footing 2 x(7.00 + 7.00)x 3.00 x 0.667			56.03	#REF!
	" " " Column 2 x 6.00 x 8.00 x 0.667	=		64.03	
	Rings " " " "3/8" 2 x 12.00 x 3.50 x 0.376	=		31.58	
	H.M Bath Footing 2 x 11.00 x 3.00 x 0.667	=		44.02	
	" " " " " " " 2 x 7.00 x 5.00 x 0.667	=		46.69	
	" " " " " " " 2 x 11.00 x 4.00 x 0.667	=		58.70	
	" " " " " " "1/2" 2 x 9.00 x 5.00 x 0.667	=		60.03	
	Staff Bath Footing 2 x 11.00 x 3.00 x 0.667	=		44.02	
	" " " " " " " 2 x 7.00 x 5.00 x 0.667	=		46.69	
	" " " " " " " 2 x 11.00 x 4.00 x 0.667	=		58.70	
	" " " " " " " 2 x 9.00 x 5.00 x 0.667	=		60.03	
	Guard Room 4 x(9.00 + 9.00)x 4.00 x 0.667			192.10	
	Column upto 4 x 6.00 x 7.50 x 0.667	=		120.06	
	" " " " "Staff " 4 x 6.00 x 7.50 x 0.667	=		120.06	
	" " Guard Room" 4 x 6.00 x 7.50 x 0.667	=		120.06	
	" " " "Rings 3/8" 2 x 4.00 x 8.00 x 3.25 x 0.367	=		76.34	
	" " " " " " " " 1 x 4.00 x 10.00 x 0.376	=		15.04	
	P.Beam H.M W.C 2 x(2.00 + 2.00)x 8.00 x 1.042			66.69	
	" " " " "5/8" " 2 x(2.00 + 2.00)x 7.00 x 1.042			58.35	
	" " Rings 3/8" " 2 x 11.00 x 3.25 x 0.376	=		26.88	
	" " " " " " " " 2 x 8.00 x 3.25 x 0.376	=		19.55	
	P.Beam Staff W.C 3 x(2.00 + 2.00)x 12.00 x 1.042			150.05	
	" " " " "5/8" " 2 x(2.00 + 2.00)x 13.00 x 1.042			108.37	
	" " Rings 3/8" " 3 x 18.00 x 4.00 x 0.376	=		81.22	
	" " " " " " " " 2 x 18.00 x 4.00 x 0.376	=		54.14	
	P.Beam Guard 2 x(2.00 + 2.00)x 12.00 x 1.042			100.03	
	S/W " " " 2 x(2.00 + 2.00)x 10.00 x 1.042			83.36	
	" " Rings 3/8" " 2 x 17.00 x 4.00 x 0.376	=		51.14	
	" " " " " " " " 2 x 12.00 x 4.00 x 0.376	=		36.10	
	Column Above 4 x 6.00 x 9.00 x 0.667	=		144.07	
	" " Rings 3/8" " 4 x 12.00 x 3.25 x 0.376	=		58.66	

S.No.	Description of Items	Rate	Unit	Quantity	Amount
	" Staff W.C 1/2" 4 x 6.00 x 10.00 x 0.667			=	160.08
	" " Rings 3/8" " 4 x 12.00 x 4.00 x 0.376			=	72.19
	" Guard Room 4 x 6.00 x 10.00 x 0.667			=	160.08
	" " Rings 3/8" " 4 x 12.00 x 4.00 x 0.376			=	72.19
	Beam H.M W.C 2 x(2.00 + 2.00)x 8.00 x 1.042				66.69
	" " " " "5/8" " 2 x(2.00 + 2.00)x 7.00 x 1.042				58.35
	" " Rings 3/8" " 2 x 12.00 x 3.25 x 0.376			=	29.33
	" " " " " " " " 2 x 10.00 x 3.25 x 0.376			=	24.44
	Beam Staff W.C 3 x(2.00 + 2.00)x 12.50 x 1.042				156.30
	" " " " "5/8" " 2 x(2.00 + 2.00)x 13.00 x 1.042				108.37
	" " Rings 3/8" " 3 x 18.00 x 4.00 x 0.376			=	81.22
	" " " " " " " " 2 x 16.00 x 4.00 x 0.376			=	48.13
	" Guard Room 2 x(2.00 + 2.00)x 12.00 x 1.042				100.03
	" " " " "5/8" " 2 x(2.00 + 2.00)x 10.00 x 1.042				83.36
	" " Rings 3/8" " 2 x 4.00 x 0.376			=	3.01
	" " " " " " " " 2 x 4.00 x 0.376			=	3.01
83	Ente: Top 5/8" 1 x 2.00 x 10.17 x 1.042			=	21.19
	" " " " " " " " 2 x 2.00 x 6.50 x 1.042			=	27.09
	Bath 1/2" 1 x 2.00 x 10.17 x 0.667			=	13.57
84	" " " 1/2" 2 x 2.00 x 6.50 x 0.667			=	17.34
	Rap 3/8" 1 x 16.00 x 2.83 x 0.376			=	17.03
	" " "3/8" 1 x 2.00 x 9.00 x 2.83 x 0.376			=	19.15
					#REF!
					#REF!
	SLAB				
	M/B 1/2" H.M 1 x 12.00 x 8.00 x 0.667			=	64.03
	" " "3/8" " " " " 1 x 9.00 x 7.00 x 0.376			=	23.69
	Project M/B 1/2" " 1 x 12.00 x 3.00 x 0.667			=	24.01
	" " " " " " 1/2" " 1 x 10.00 x 3.00 x 0.667			=	20.01
	" " " " " " " " " 1 x 12.00 x 7.00 x 0.667			=	56.03
	" " D/L 3/8" " " 1 x 2.00 x 2.00 x 7.00 x 0.376			=	10.53
	" " " "3/8" " " 1 x 6.00 x 7.00 x 0.376			=	15.79
	Staff W.C				
86	Slab M/B 1/2" " " 1 x 12.00 x 10.00 x 0.667			=	80.04
	" " " " D/O 3/8" 1 x 8.00 x 6.50 x 0.376			=	19.55
	" " "M/B 1/2" " 1 x 12.00 x 8.00 x 0.667			=	64.03
	" " D/L 3/8" " " 1 x 8.00 x 6.50 x 0.376			=	19.55
	" " "M/B 1/2" " " 1 x 22.00 x 8.50 x 0.667			=	124.73
	" " D/B 3/8" " " 1 x 8.00 x 11.00 x 0.376			=	33.09
87	" "Project 1/2" " 1 x 12.00 x 7.00 x 0.667			=	56.03
	" " "D/B 3/8" " 1 x 6.00 x 12.00 x 0.376			=	27.07
	" " "M/B 1/2" " " 1 x 20.00 x 3.00 x 0.667			=	40.02
	" " D/B 3/8" " " 1 x 2.00 x 11.00 x 0.376			=	8.27
	" " " " 3/8" " " 1 x 2.00 x 12.00 x 0.376			=	9.02
	" " " "Chan 1/2" 10 x 3.50 x 0.667			=	23.35
					#REF!
	Guard RoomM/b 1 x 21.00 x 10.50 x 0.667			=	147.07

S.No.	Description of Items	Rate	Unit	Quantity	Amount
" " " " D/B 3/8" "	1 x 12.00 x 11.00 x 0.376			=	49.63
" " " " Projection	2 x 10.00 x 3.00 x 0.667			=	40.02
" " " " " 1/2" "	2 x 12.00 x 3.00 x 0.667			=	48.02
" " D/Beam 3/8" "	2 x 2.00 x 13.00 x 0.376			=	19.55
" " " " " 3/8" "	2 x 2.00 x 11.00 x 0.376			=	16.54
Chan	12 x 3.50 x 0.67			=	28.01
<u>O.H Tank</u>					
Beam Top 5/8"	2 x 3.00 x 6.17 x 1.042			=	38.57
" " Bottom 3/4"	2 x 3.00 x 6.17 x 1.50			=	55.53
" "Rings 3/8" "	2 x 10.00 x 8.25 x 0.376			=	62.04
Mid 1/2"	2 x 2.00 x 5.00 x 0.67			=	13.34
Walls 1/2" " "	1 x 11.00 x 18.50 x 0.667			=	135.73
" " " " 1/2" " "	1 x 17.00 x 16.50 x 0.667			=	187.09
" " " " " " " "	1 x 2.00 x 6.00 x 8.00 x 0.667			=	64.03
" " " " " " " "	1 x 2.00 x 8.00 x 8.00 x 0.667			=	85.38
" " " " 3/8" D/B	1 x 2.00 x 2.00 x 6.00 x 10.00 x 0.376			=	240.00
" " " " " " " "	1 x 2.00 x 2.00 x 6.00 x 8.00 x 0.376			=	192.00
U.Beam 1/2" " "	1 x 20.00 x 4.00 x 0.667			=	53.36
<u>Top Slab</u>					
M/B 1/2" " " "	1 x 17.00 x 7.83 x 0.376			=	50.05
D/B 3/8" " " "	1 x 12.00 x 10.67 x 0.376			=	48.14
" " "3/8" " " "	1 x 2.00 x 8.00 x 2.17 x 0.376			=	13.05
					16039.77

40 P/F deodar wooden shelves i/c shutters brass					
Labs	2	x	3.00	x	6.00 x 3.00 = 108.00
" "	2	x	12.00	x	8.00 = 192.00
					300.00
300.00 Sft			171.93	P.Sft	Rs. 51,579

Scraping

Deduction

D1	20	x	4.00	x	9.00	=	720.00
D2	4	x	3.00	x	7.00	=	84.00
D3	7	x	2.50	x	7.00	=	122.50
W1	11	x	3.00	x	6.00	=	198.00
W2	6	x	6.00	x	4.00	=	144.00
W3	20	x	4.00	x	6.00	=	480.00
V1	10	x	4.00	x	2.00	=	80.00
V2	8	x	2.00	x	1.50	=	24.00

S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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7 Dismantling Cement concrete plain 1:2:4. (19-c-p-

(A) store floor	1	x	25.16	x	7.58	x	0.42	=	80.10
Phy ""	1	x	25.42	x	18.67	x	0.42	=	199.33
Chem. ""	1	x	25.42	x	33.42	x	0.42	=	356.81
H.Eco ""	1	x	23.42	x	12.58	x	0.42	=	123.74
CR ""	1	x	25.25	x	20.66	x	0.42	=	219.10
ver	1	x	60.08	x	9.25	x	0.42	=	233.41
ver floor	1	x	27.33	x	7.42	x	0.42	=	85.17
Canteen	1	x	20.00	x	16.08	x	0.42	=	135.07
Biology	1	x	13.50	x	8.00	x	0.42	=	45.36
Store	1	x	9.00	x	14.17	x	0.42	=	53.56
CR-1	1	x	20.00	x	16.50	x	0.42	=	138.60
Teacher room	1	x	19.58	x	24.00	x	0.42	=	197.37
HM office	1	x	20.00	x	16.00	x	0.42	=	134.40
Admn	1	x	19.92	x	8.00	x	0.42	=	66.93
Comput room	1	x	24.58	x	20.00	x	0.42	=	206.47
corridor	1	x	20.58	x	7.25	x	0.42	=	62.67
""	1	x	106.00	x	9.50	x	0.42	=	422.94
stair	1	x	7.25	x	1.33	x	0.42	=	4.05
""	1	x	8.58	x	6.00	x	0.42	=	21.62
""	1	x	8.58	x	0.58	x	0.42	=	2.09
store	1	x	8.58	x	8.50	x	0.42	=	30.63
								(A)	2819.42
Over roof	1	x	114.00	x	20.50	x	0.17	=	397.29
""	1	x	109.00	x	13.00	x	0.17	=	240.89

S.No.	Description of Items	Rate	Unit	Quantity	Amount
	"" 1 x 63.00 x 9.00 x 0.17			=	96.39
	"" 1 x 21.00 x 21.00 x 0.17			=	74.97
	ver 1 x 7.50 x 21.00 x 0.17			=	26.78
				(B)	836.32
(B) F/F, CR	5 x 25.00 x 20.00 x 0.17			=	425.00
"" ver	1 x 128.00 x 9.50 x 0.17			=	206.72
"" M.P.hall	1 x 62.00 x 25.00 x 0.17			=	263.50
ver	1 x 62.00 x 9.50 x 0.17			=	100.13
O/s M.Gate	1 x 15.00 x 85.00 x 0.17			=	216.75
				(C)	1212.10
	Total =	(A + B+C)	=		4867.83
4867.83 Cft		1597.20	%Cft		Rs. 77,749

S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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14 Dressing,leveling of earth work to designed saction,etc.
 © Gravel work or soft rock.(not require blasting)(P/3-11,c)

	1	x	150	x	85.00	x	1.00	=	12750.00	
									12750.00	
12750.00	Cft		1642.40		%Cft				Rs.	209,406

15 Removing of debries from site upto lead 20 miles. (N.S.I.)

Same qty of I.No. (1)	=	#REF!		
Same qty of I.No. (6)	=	#REF!		
Same qty of I.No. (7)	=	4867.83		
Same qty of I.No. (8)	=	#REF!		
		#REF!		
#REF!	Cft	246.65	%Cft	Rs. #REF!

S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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18 Providing and laying 1:3:6 cement concrete solid block masonry set in 1:6 cement sand mortar in plinth and foundation including raking out joints and curing etc. complete. (S.I.No.21 P-22).

F/bed Toe wall 2 x 30.00 x 0.50 x 1.50 = 45.00

45.00

45.00 Cft 6002.50 % Cft Rs. 2,701

S.No.	Description of Items	Rate	Unit	Quantity	Amount
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24 Cleaning & desilting of manhole /inspecting chamber i/c cleaning and rodding of connected sewer (average) 50 ft manhole removing sewerage and soil water out side KMC limit (96/p-116).

M.H. 1 x 8.00

8.00 Nos

175.08

Each

= 8.00

8.00

Rs.

1,401

S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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28 P/L G.I. Frames / Chowkats of size 7" x 2" or 4-1/2" x 3" for **windows** using 20 gauge G.I. Sheet i/c welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also includes all carriage tools and plants used in making and fixing. (P/28-98).

$$\text{vent } 4 \times (3.00 + 3.00 + 2.00 + 2.00) = 40.00$$

40.00

40.00 Rft **122.17** **PRft** **Rs.** **4,887**

32 First class wood wrought joinery in wire gauze door, windows with 22 SWG galvanized wire gauze 144 mesh per sq. inch iron fitting complete. Galvanized wire guaze fixed to Chowkats with 3/4" deodar strips & screws. (P/67-14,d)

$$\text{Admn } 6 \times 4.00 \times 6.00 = 144.00$$

144.00

144.00 Sft **61.33** **P.Sft** **Rs.** **8,832**

S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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42	Supplying manures (P-109-44)									
	F/bed	1	x	30.00	x	20.00	x	0.33	=	198.00
	""	1	x	12.00	x	12.00	x	0.33	=	47.52
										245.52
	245.52 Sft			85.54		P.Sft			Rs.	21,002

43	Turfing slops of banks or lawns with grass i/c ploughing laying,setting & watering turf got within a distance of 5 miles & maintenance for 15 days. (P/6-27)									
	Lawn	1	x	30.00	x	20.00			=	600.00
										600.00
	600.00 Sft			580.80		%Sft			Rs.	3,485

44	Add: extra labor for R.C.C. in 2nd and subsequent storeys.(P-19-6)									
	M.P.Hall	1	x	63.00	x	25.00	x	0.50	=	787.50
										787.50
	787.50 Cft			5.80		P.Cft			Rs.	4,568

45	P/F ornamental c.c. jalli 2"thick without steel.(P/20-10).									
	Open	8	x	2.00	x	2.00			=	32.00
										32.00
	32.00 Sft			45.24		Psft			Rs.	1,448

S.No.	Description of Items	Rate	Unit	Quantity	Amount
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50 Add extra labor for bitumen.
 Qty same as I.No. (53) #REF!
 #REF! Sft 25.87 % Sft =
 Rs. #REF!

52 Cast iron rain water down pipe fixed in place excl: head and
 shoes i/c painting & clamps, 4" dia. (P/42-22,a)
 Over roof 4 x 25.00 = 100.00
 100.00 Rft 168.37 P.Rft
 Rs. 16,837

53 Rain water down pipe cast iron heads fixed in place i/c
 cost of clamps, hold fasts & painting,etc. (P/42-23)
 Over roof 1 x 8.00 = 8.00
 8.00 Rft 353.52 P.Rft
 Rs. 2,828

54 Shoes, bends of offset for cast iron rain water down pipe
 i/c fixing & painting. (P/42-24)
 Over roof 1 x 8.00 = 8.00
 8.00 Nos 192.78 each
 Rs. 1,542

S.No.	Description of Items	Rate	Unit	Quantity	Amount
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59 Providing and laying 3" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels. (S.I.No.16-d P-47)

M.G. P/form	1	x	20.00	x	85.00	=	1700.00
""	1	x	101.00	x	50.00	=	5050.00
""	1	x	95.00	x	15.00	=	1425.00

8175.00

8175.00 Sft

1820.23

% Sft

Rs.

148,804

S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
	P/form 1 x 20.00 x 40.00			= 800.00	
				800.00	
	800.00 Sft	4028.88	% Sft	Rs.	32,231

S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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S.No.	Description of Items	Rate	Unit	Quantity	Amount
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Total Rs:- #REF!

Sub-Engineer

**DEPUTY CITY OFFICER
EDUCATION WORKS JAMSHED TOWN
KARACHI.**

Khalid

S.No.	Description of Items	Rate	Unit	Quantity	Amount
19	Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead upto 5 ft. (b) In ordinary Soil. (S.I.No.18-b P-5).				
	Toe wall	200.00	x	1.00 x 1.50	= 600.00
	""	400.00	x	1.00 x 1.50	= 600.00
				Total	<u>1200.00</u>
	1200.00 Cft	1306.80	%ocft		Rs. 1,568
33	Teak wood wrought frame fixed in place i/c Chowkats hold fasts iron tower bolts, chowks, cleats cords with hooks & cost of nails & screws, fully glazed 1-3/4" thick. (P/64-3.b)				
	Door	6.00	x	8.00	= 288.00
				Total	<u>#REF!</u>
	#REF! Sft	1191.01	P.Sft		Rs. #REF!
39	Supplying and fixing in position Aluminum channels framing for hinged doors and Alcop made with 5 mm thick tinted glass glazing (Belgium) & alpha (Japan) locks i/c handles stoppers etc.complete. (b) Deluxe model (White)				
	Doors	4.50	x	9.00	= 162.00
	""	2.50	x	7.00	= 35.00
				Total	<u>197.00</u> Sft
	197.00 Sft	579.62	P.Sft		Rs. 114,185
42	P/L floor of marble tiles of China Verona block 12"x12" fine dressed on the surface w/out winding in G/F laid over 1" thick (Average) lime mortared dressed 1:2 one lime 2 sand setting the tiles with gray cement slurry over lime mortar jointing & washing the tiles with white cement slurrv i/c rubbing & polishing etc.complete i/c				
	stair	8.50	x	22.00	= 187.00
	Step	4.00	x	1.00	= 192.00
	landing	8.00	x	4.00	= 64.00
				Total	<u>443.00</u>
	443.00 Sft	203.00	P.Sft		Rs. 89,929
43	Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 i/c rubbing & polishing of the joints (a) 3/4" thick flooring. (S.I.No.28-a P-49)				
	Landing	9.50	x	54.00	= 142.50

S.No.	Description of Items	Rate	Unit	Quantity	Amount
	step 6 x 15 x	3.50 x	1.00	=	315.00
	stair 1 x	11.00 x	40.00	=	440.00
					<u>897.50</u>
	897.50 Sft	148.06	PSft		Rs. 132,884
47	P/L tiles matt & glazed or double glazed on wall or floor as well as facing in required patterns & design jointed with high bond of required base i/c washing & filling of joints with slurry of white cement & pigment in desired shape with finished & cleaning,etc.complete (size 18"x18"x3/8")				
	Front columns 1 x 12 x(2.00+1.00+2.00)x		40.00	=	2400.00
					<u>2400.00</u>
	2400.00 Sft	156.00	Psft		Rs. 374,400
48	Cement tiles (8"x8"x3/4") laid flat in 1:2 C.M. over 3/4" thick bed of cement mortar.(P/47-13)				
	CR 4 x	33.83 x	40.00	=	5412.80
	"" 5 x	20.00 x	24.00	=	2400.00
	Lab 3 x	30.00 x	23.00	=	2070.00
	ver 3 x	185.00 x	7.00	=	3885.00
	F/s 1 x	215.00 x	25.00	=	5375.00
				Total	<u>19142.80</u>
	19142.80 Sft	3230.95	%Sft		Rs. 618,494
49	Split tiles 1/4"thick matt glazed or double glazed jointed in white cement and laid over 1:2 grey cement sand mortar 3/4"thick including finishing complete (flooring and facing)(69/p-55).				
	Prince. 1 x	16.50 x	14.83	=	244.70
	PA 1 x	14.00 x	14.67	=	205.38
	staff 1 x	14.00 x	20.00	=	280.00
	Office 1 x	14.00 x	14.75	=	206.50
	"" 1 x 2 x(16.50 + 14.83)x		3.00	=	187.98
	"" 1 x 2 x(14.00 + 14.67)x		3.00	=	172.02
	"" 1 x 2 x(14.00 + 20.00)x		3.00	=	204.00
	"" 1 x 2 x(14.00 + 14.75)x		3.00	=	172.50
				Total	<u>1673.08</u>
	1673.08 Sft	8638.20	%Sft		Rs. 144,524
50	Flooring of mosaic (marble chips) tiles of white cement laid flat in 1:2 grey cement mortar over 3/4" thick bed grey cement mortar 1:2. (S.I.No.66				
	CR 1 x	40.00 x	30.00	=	1200.00
	Ver 1 x	40.00 x	8.00	=	320.00
				Total	<u>1520.00</u>
	1520.00 Sft	6298.19	%Sft		Rs. 95,732
51	P/F 04 seats with Marble bench.(L.Q.R).				
	MB i/s 1 x	8.00		=	8.00
				Total	<u>8.00</u>
	8.00 Nos	2500.00	Each		Rs. 20,000
52	Mosaic dado or skirting one part of white cement and two parts of marble chips laid over 1/2" thick plaster 1:3 complete with finishing 1/2" thick.				
	CR 1 x 2 x(40.00 + 30.00)x		1.00	=	140.00
	Ver 1 x 2 x(40.00 + 8.00)x		1.00	=	96.00
				Total	<u>252.00</u>
	252.00 Sft	5405.40	%Sft		Rs. 13,622

S.No.	Description of Items	Rate	Unit	Quantity	Amount
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55 Sand blasting on external walls by high pressure compressor i/c scaffolding for removing of deep penetrated pollution/drift un even surface cement sand plaster paint for getting original surface of stone i/c air blasting to get clean surface i/c removing of all sand cement debris from the premises complete as per direction of E/In charge.

MB O/s 1 x 136.00 x 50.00
 "" 1 x 50.00 x 50.00

= 6800.00
 = 2500.00
 Total 9300.00

9300.00 Sft 16.00 Psft

Rs. 148,800

56 Painting flush on stone work (b) in cement mortar 1:3. (P/59-20.b)

MB O/s 1 x 136.00 x 50.00
 "" 1 x 50.00 x 50.00

= 6800.00
 = 2500.00
 Total 9300.00

9300.00 Sft 547.03 %Sft

Rs. 50,874

71 P/F Plaster of Paris cover pieces triangle shape i/c fixing in ceiling with nails / screws. (P/45-46)

Office 3 x 4.00
 staff 1 x 4.00

= 12.00
 = 4.00
 Total 16.00

16.00 Nos 152.96 each

Rs. 2,447

72 Shisham wood boarding of strips flooring 3/4" thick (Swan to required size) tongued & grooved or splayed rebated fixed with brass screws on deodar wooden batons 1-1/2"x2" placed at 12" centre to centre i/c 2 coats of bitumen laid hot in Gym floor pieces 10 x 2.00 x 3.00

= 60.00

S.No.	Description of Items	Rate	Unit	Quantity	Amount
	"" 12 x 1.50 x 4.00			=	72.00
				Total	<u>132.00</u>
	132.00 Sft	20398.64	%Sft		Rs. 26,926
73	Extra labor for making grooves,etc. (P/61-34)				
	M.Bldg 60 x 12.00			=	720.00
	"" 80 x 10.00			=	800.00
	"" 50 x 8.00			=	400.00
				Total	<u>1920.00</u>
	1920.00 Rft	3.54	P.Rft		Rs. 6,797
74	Extra labor for making cement puttass,etc. (P/61- M.B/roof top 1 x 12.00 x(100.00 + 6.50)			=	1278.00
				Total	<u>1278.00</u>
	1278.00 Rft	11.25	P.Rft		Rs. 14,378
75	Providing and fixing Aluminum sheet on doors pasted with glue.(P/73-61).				
	WC door 25 x 2.25 x 2.00			=	112.50
					<u>112.50</u>
	112.50 Sft	21.75	P.Sft		Rs. 2,447
76	P/F G.I.expended metal 1/8-20 gauge fixed to Chowkats with 3/4" deodar strips & screws. (P/74- wind 12 x 4.00 x 4.00			=	192.00
	"" 32 x 4.00 x 5.00			=	640.00
	"" 8 x 6.00 x 4.00			=	192.00
					<u>1024.00</u>
	1024.00 Sft	66.60	P.Sft		Rs. 68,198
78	M/F grating in opening i/c fixing at site with flat iron 2"x3/8"x3/4" sq.bars at 4" centre to centre.				
	stair 2 x 12.00 x 2.75			=	66.00
	"" 1 x 13.00 x 2.75			=	35.75
					<u>101.75</u>
	101.75 Sft	165.43	P.Sft		Rs. 16,833
81	Hard wood railing of any shape & design i/c bends & corners fixed in position i/c polishing. a) Shisham wood) (P/69-30,a)				
	stair 2 x 12.00			=	24.00
	"" 1 x 13.00			=	13.00
				Total	<u>37.00</u>
	37.00 Rft	183.37	P.Rft		Rs. 6,785

S.No.	Description of Items	Rate	Unit	Quantity	Amount
82	S/F masonite per bacolite celutex or card board sheets in panels i/c S/making deodar wood 1st class frame work for ceiling or partition.(P/70-39)				
	Office partition	20.00	x	8.00	= 320.00
					<u>320.00</u>
	320.00 Sft	12975.27	%Sft		Rs. 41,521
83	P/F & hosting ceiling panels(False ceiling) of PVC laminated Gypsum board, core of texture venally surfed (front, elifoil, fissured, Al-Islam Granular) backing with aluminum silver foil having thickness 9 mm (3/8") suspended with aluminum plastic coated or galvanized Tee bar system i/c cost of all accessories such as aluminum hanger, plastic coated tee bars, tee jointer, corners, hooks, laminated gypsum core sheet (imported) etc. also i/c the cost of				
	Auditorium Hall	100.00	x	50.00	= 5000.00
	Princ	16.50	x	14.83	= 244.70
					<u>5244.70</u>
	5244.70 Sft	123.24	PSft		Rs. 646,356
85	Khaprail of cement concrete 12"x8"x1" of approved design/shape laid flat in 1;2 grey cement mortar over bed of grey cement mortar				
	Chuja	56.00	x	4.00	= 224.00
	""	150.00	x	3.00	= 450.00
	""	50.00	x	4.00	= 200.00
					<u>874.00</u>
	874.00 Sft	3813.95	% Sft		Rs. 33,334
86	Preparing surface and applying rock wall shield texture (natural wall texture) coating to provider durable crust top walls thickness b/w 2 mm to 32 mm (1/8)with acrylic co polymer emulsion selected marble chips adhesive and pesticide water resistance and fire treatment resistance(upto				
	Walls	30.00	x	50.00	= 3000.00
					<u>3000.00</u>
	3000.00 Sft	1927.20	% Sft		Rs. 57,816
87	S/F broken glasses on court yard walls i/c 1:3:6 c.c. coupling. (P/16-61				
	Walls	185.00	+	265.00	= 450.00
					<u>450.00</u>
	450.00 Sft	22.12	% Sft		Rs. 9,954
88	Providing and fixing fence of 3/4"thick square mild steel bars with lances 03 Nos: of side eq;together humped steel lance each of the top of 1"thick with 1 1/2"x1 1/2"x 1/4"angle horizontal angle iron and 1"embedded 6"thick deep in hold fasts above bottom complete as per directed by the Engineer Incharge i/c painting (P/16-61)				
		185.00	x	1	= 185.00
		265.00	x	1	= 265.00
					<u>450.00</u>
	450.00 Sft	400.25	PSft		Rs. 180,113

S.No.	Description of Items	Rate	Unit	Quantity	Amount
89	Supplying & Filling approved quality earth work brought from outside i/c breaking clods, leveling, dressing, watering of consolidating in 6" to 9" layers, etc. complete i/c all left loading/unloading, etc. Complete as directed by Engineer Incharge. (R.A.)				
		1 x 45.00 x	92.00 x	1.25	= 5175.00
					Total 5175.00
	5175.00 Cft	490.60	%Cft		Rs. 25,389
92	Supplying sweet earth including leveling dressing watering and compacting etc. complete in 6" layer i/c the site of work upto 10 miles as directed by the Engineer Incharge (R.A.)				
	Lawn	1 x 95.00 x	45.00 x	1.17	= 5001.75
	""	4 x 135.00 x	4.00 x	1.17	= 2527.20
					Total 7528.95
	7528.95 Cft	273.84	%Cft		Rs. 20,617
93	Leveling, dressing and making Lawns. (42/p-109).				
	Lawn	1 x 95.00 x	45.00		= 4275.00
	""	4 x 135.00 x	4.00		= 2160.00
					Total 6435.00
	6435.00 Cft	87.12	%Cft		Rs. 5,606
94	Truffing lawn. (excluding cost of				
	Lawn	1 x 95.00 x	45.00		= 4275.00
	""	4 x 135.00 x	4.00		= 2160.00
					Total 6435.00
	6435.00 Cft	163.35	%Cft		Rs. 10,512
95	Supplying manure (44/p-109).				
	Lawn	1 x 95.00 x	45.00 x	0.25	= 1068.75
	""	4 x 135.00 x	4.00 x	0.25	= 540.00
					Total 1608.75
	#####	4.00	=	402.00	
	402.00 Cart	66.55	P.Cart		Rs. 26,753
96	Vertical damp proof course of 3/4" thick cement plaster 1:2 with bitumen at 120 lbs per sq ft (70/-				
		1 x 48.00 x	4.00		= 192.00
		1 x 184.00 x	4.00		= 736.00
		1 x 56.00 x	4.00		= 224.00
					Total 1152.00
	1152.00 Sft	1041.84	%Sft		Rs. 12,002
97	Extra labor for Color creete. (P/9-33)				
		Same qty of I.Nos. (62)			= 12965.00
		Same qty of I.Nos. (66)			= 3000.00
					15965.00
	15965.00 Sft	3.73	PSft		Rs. 59,549
98	Extra labor for R.C.C. (4th floor) (P/9-33)				
a)		Same qty of I.Nos. (22-b)			= #REF!
	#REF! Cft	5.80	PCft		Rs. #REF!
b)		Same qty of I.Nos. (22-c)			= #REF!
	#REF! Cft	11.60	PCft		Rs. #REF!
c)		Same qty of I.Nos. (22-d)			= #REF!
	#REF! Cft	17.40	PCft		Rs. #REF!
99	Extra labor for Steel. (P/23-28)				
a)		Same qty of I.Nos. (23-b)			= #REF!
	#REF! Cwt	60.50	PCwt		Rs. #REF!
b)		Same qty of I.Nos. (23-c)			= #REF!
	#REF! Cwt	121.00	PCwt		Rs. #REF!

S.No.	Description of Items	Rate	Unit	Quantity	Amount
c)	Same qty of I.Nos. (23-d)			=	#REF!
	#REF! Cwt	181.50	PCwt		Rs. #REF!
100	Extra labor for B/masonry.. (P/23-29,c)				
a)	Same qty of I.Nos. (24-b)			=	#REF!
	#REF! Cft	226.90	%Cft		Rs. #REF!
b)	Same qty of I.Nos. (24-c)			=	#REF!
	#REF! Cft	535.45	%Cft		Rs. #REF!
c)	Same qty of I.Nos. (24-d)			=	#REF!
	#REF! Cft	844.00	%Cft		Rs. #REF!
101	Extra labor for topping.(P/48-18)				
	Same qty of I.Nos. (42)			=	#REF!
	Same qty of I.Nos. (53)			=	8175.00
					<u>#REF!</u>
	#REF! Sft	90.75	%Sft		Rs. #REF!
102	Extra labor for bitumen. (P/9-33)				
	Same qty of I.Nos. (53)			=	8175.00
	8175.00 Sft	25.87	%Sft		Rs. 2,115
103	Extra labor for Cement Plaster. (P/9-33)				
	Same qty of I.Nos. (25)			=	#REF!
	<u>#REF!</u>	=	10667.50		
	4				
	10667.50 Sft	11.25	PSft		Rs. 120,009
104	Applying Chemical/polish on existing mosaic/marble flooring /dado including cleaning grinding with carborandum stone/sand paper and applying chemical polish as per requirements(S I No.70/n-55)				
	Same qty of I.Nos. (47)			=	1520.00
	1520.00 Sft	16.62	PSft		Rs. 25,262
115	Extra labor for each storey above ground for Distemper.. (P/9-33)				
	Same qty of I.Nos. (91)	=	#REF! x 40.00%	=	15749.32

S.No.	Description of Items	Rate	Unit	Quantity	Amount
	Same qty of I.Nos. (92) = #REF! x 30.00%			= 35582.19	
				<u>51331.51</u>	
	51331.51 Sft	414.18	%Sft	Rs.	212,605

5	Dismantling Cement concrete plain 1:3:6. (19-c-p- Canteen L/w 2 x 53 x 1.00 x 3.00			= 318.00	
	"" S/w 2 x 12 x 1.00 x 3.00			= <u>72.00</u>	
				<u>390.00</u>	
	390.00 Cft	1306.80	% Cft	Rs.	5,097

9	Removing ventilators with chowkats.(S.I.No: 33-a/ Vent 1 x 6.00			= <u>6.00</u>	
				<u>6.00</u>	
	6.00 Cft	29.97	Each.	Rs.	180

1	Dismantling from any height A.C. 1 x 24.00 x 22.00			= <u>528.00</u>	
				Total <u>528.00</u>	
	528.00 Cft	148.25	%Cft	Rs.	783

11	Removing & Stacking within one chain limestone, Same qty of I.Nos. (2+3+4+5+6+10)			= 51237.32	
	51237.32 Cft	60.50	%oCft	Rs.	3,100

12	Extra lead for earth work upto 10 miles. (P/ - Same qty of I.Nos. (11)			= 51237.32	
	51237.32 Cft	60.50	%oCft	Rs.	3,100

15 Scraping White Wash or color wash (54/a/P-15).

23 Cleaning and decontamination of Under Ground

S.No.	Description of Items	Rate	Unit	Quantity	Amount
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	0.00 Sft	16.62	PSft	<hr/> <hr/>	Rs. -
28	Providing beneath ceiling plaster 3/4" thick in Nil				

	0.00 Sft	2093.00	%Sft	<hr/> <hr/>	Rs. -
29	Rubbing & polishing. Nil				

	0.00 Sft	2094.00	%Sft	<hr/> <hr/>	Rs. -
30	Cleaning & washing mosaic marble floor Nil				

	0.00 Sft	2095.00	%Sft	<hr/> <hr/>	Rs. -
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