

**GOVERNMENT OF SINDH
CULTURE, TOURISM, ANTIQUITIES &
ARCHIVES DEPARTMENT**



2026-27

BIDDING DOCUMENT

SINGLE STAGE TWO ENVELOPE

**CONSTRUCTION OF LIBRARY AND AUDITORIUM HALL AT GARHI KHUDA BUX
BHUTTO**

PROCURING AGENCY:

**PLANNING, DEVELOPMENT, MONITORING & IMPLEMENTATION CELL (PDM&I CELL),
CULTURE, TOURISM, ANTIQUITIES & ARCHIVES DEPARTMENT**

M/S _____

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INVITATION FOR BIDS





NOTICE INVITING TENDER (N.I.T)

No. XEN/PDM&I-CELL/CTA&AD/NIT-GKB/2026-27/43

Dated: 23rd Sept, 2026

Planning, Development, Monitoring & Implementation Cell, Culture, Tourism, Antiquities & Archives Department, Government of Sindh, invites E-Bids through E-Pak Acquisition and Disposal System (EPADS) from eligible and interested Contractors/Firms/Companies registered with the relevant authorities where applicable, for the following work through Single Stage – Two Envelope Procedure under Rule 46(2) of the Sindh Public Procurement Rules, 2010, as amended up to date:

S.R. NO.	SCOPE OF WORK	COST (IN MILLION)	BID SECURITY (IN MILLION)	MANDATORY PEC CATEGORY	COMPLETION PERIOD
01.	Construction of Library and Auditorium Hall at Garhi Khuda Bux Bhutto	975.000	48.750	C-2 & Above	12 Months

Detailed mandatory eligibility and qualification requirements, evaluation criteria, terms and conditions, and other relevant provisions are contained in the bidding document, which is available on the EPADS/SPPRA portal.

1. Bidding/Tender Documents (Issuance, Opening & Submission):

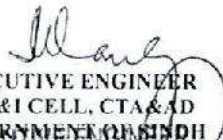
- The bidding documents containing complete information regarding eligibility, qualification, technical requirements and evaluation criteria, specifications, condition of contract and other relevant information may be downloaded from the SPPRA/EPADS portal (<https://portalsindh.eprocure.gov.pk>) with effect from 25-09-2026.
- Interested bidders must be registered on EPADS. Bids, duly completed in all respects and signed by the authorized representative of the bidder, shall be submitted electronically through EPADS on or before **13-10-2026 at 10:30 A.M.**
- The Technical Proposals shall be opened on **13-10-2026 at 11:30 AM** at the office of the Executive Engineer, PDM&I Cell, Behind Rumi Graveyard, Near Grid Station at Northern By-Pass, Karachi. Manual bids and conditional bids shall not be accepted.
- The bidders are required to submit bid security in the form of Call deposit or pay order or demand draft or Bank Guarantee in favour of "DDO PDM&I Cell CTA&AD, Government of Sindh", (which should be debited from firm / bidder own Bank Account & duly mentioning the name & title of the firm). The copy of the bid security and tender fee instrument must be submitted online on the E-PAD system and original instrument of tender fee Rs.3,000/- and bid security as mentioned above must reach at the office of the Executive Engineer, PDM&I Cell, Behind Rumi Graveyard, Near Grid Station at Northern By-Pass, Karachi on or before the tender opening. The bid shall remain valid for 90 days from the date of opening of the Technical Proposals, and the Bid Security shall remain valid for 28 days beyond the Bid Validity period. Those bidders who failed to submit bid security and tender fee in original to the Procuring Agency prior to deadline of submission of bids shall be rejected.
- The procurement shall be conducted under the Single Stage-Two Envelope Procedure. The Technical Proposal shall be opened and evaluated independently of the Financial Proposal. The Financial Proposals of only those bidders who qualify technically shall be opened subsequently at a date, time and venue to be communicated to the technically qualified bidders in accordance with the SPPRA Rules.

2. Terms & Conditions

- Bids shall be evaluated strictly in accordance with the eligibility, qualification, technical, and financial evaluation criteria specified in the bidding documents. Failure to meet any requirement expressly identified as mandatory shall render the bid **non-responsive**.

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- b. The bidder shall be solely responsible for the accuracy, completeness, and authenticity of all information, statements, certificates, and supporting documents submitted with the bid. Any material misrepresentation, concealment of facts, submission of incomplete or false information, or forged/fraudulent document may render the bid **non-responsive** and may result in rejection of the bid and/or such other action as may be permissible under the applicable procurement rules and law. The Procuring Agency reserves the right to verify and cross-check, from any reliable source, the authenticity and accuracy of any information or document submitted by the bidder.
- c. Bidders shall be solely responsible for regularly monitoring the **EPADS portal** and other prescribed procurement channels for any addendum, corrigendum, clarification, notification, amendment, or change relating to the procurement. No bidder shall be entitled to claim ignorance of any information duly communicated through the prescribed procurement channel.
- d. In the event that the scheduled date of bid submission or opening falls on a public holiday, or the office remains closed due to unforeseen circumstances, the bid submission/opening shall take place on the next working day at the same specified time, unless otherwise notified by the Procuring Agency through the prescribed procurement channel.
- e. As no PTCL landline facility is presently available, bidders requiring further information or assistance may contact the **Executive Engineer at Cell No. 0320-3184642 during official office hours.**


EXECUTIVE ENGINEER
PDM&I CELL, CTA&AD
GOVERNMENT OF SINDH
Behind Kumi Graveyard, Near Grid Station
at Northern Bypass, Karachi
Culture, Tourism, & Antiquities Department
Government of Sindh



INSTRUCTIONS TO BIDDERS



INSTRUCTIONS TO BIDDERS

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

A. GENERAL

IB.1 Scope of Bid

- 1.1 The Procuring Agency as defined in the Bidding Data hereinafter called "the Procuring Agency" wishes to receive bids for the construction and completion of works as described in these Bidding Documents, and summarized in the Bidding Data hereinafter referred to as the "Works".
- 1.2 The successful bidder will be expected to complete the Works within the time specified in Appendix-A to Bid.

IB.2 Source of Funds

- 2.1 The Employer has arranged funds from its own source.

IB.3 Eligible Bidders

- 3.1 This Invitation for Bids is open to all interested bidders who are eligible under Provisions of Sindh Public Procurement Rules as mentioned below and the criteria given in the Notice Inviting Tender (NIT)/ Bidding Document.
 - a) Bidders may be excluded if;
 - (i) as a matter of law or official regulations, commercial relations are prohibited with the bidder's country by the federal government in case of ICB, or
 - (ii) a firm is blacklisted/ debarred by the procuring agency and the matter has been reported to the Authority, subject to Rule 30 of Sindh Public Procurement Rules 2010.

Bidders shall include all those contractors who are registered or incorporated in Pakistan, irrespective of the nationality of their owners and professional staff, or

 - (c) Bidders are:-
 - (i) Registered with Pakistan Engineering Council in particular category and discipline,
 - (ii) Registered with relevant tax authorities (income/sales tax, wherever applicable)

IB.4 One Bid per Bidder

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

IB.5 Cost of Bidding

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

IB.6 Site Visit

- 6.1 The bidders are advised to visit and examine the Site of Works and its surroundings and obtain for themselves on their own responsibility all information that may be necessary for preparing the bid and entering into a contract for construction of the Works. All cost in this respect shall be at the bidder's own expense.
- 6.2 The bidders and any of their personnel or agents will be granted permission by the Procuring Agency to enter upon his premises and lands for the purpose of such inspection, but only upon the express condition that the bidders, their personnel and agents, will release and indemnify the Procuring Agency, his personnel and agents from and against all liability in respect thereof and will be responsible for death or personal injury, loss of or damage to property and any other loss, damage, costs and expenses incurred as a result of such inspection.

B. BIDDING DOCUMENTS

IB.7 Contents of Bidding Documents (SSP RULE 21)

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

- a) Instructions to Bidders.
- b) Bidding Data.
- c) General Conditions of Contract, Part-I (GCC).
- d) Special Conditions of Contract, Part-II (PCC).
- e) Specifications
- f) Form of Bid & Appendices to Bid.
- g) Bill of Quantities (Appendix-D to Bid).
- h) Form of Bid Security.
- i) Form of Contract Agreement.
- j) Forms of Performance Security and Mobilization Advance Guarantee, Integrity Pact and Indenture bond for secured advance.
- k) Drawings.

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

IB.8 Clarification of Bidding Documents (SSP RULE 23(1)):

8.1 Any interested bidder requiring any clarification (s) in respect of the Bidding Documents may notify the Procuring Agency in writing at the Procuring Agency's address indicated in the Invitation for Bids/NIT. The Procuring Agency will respond to any request for clarification provided they are received at least five calendar days prior to the date of opening of bid. Provided that any clarification in response to query by any bidder; shall be communicated to all parties who have obtained bidding documents, but without identifying its source.

IB.9 Amendment of Bidding Documents

9.1 At any time prior to the deadline for submission of bids, the Procuring 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.

9.2 Any addendum thus issued shall be part of the Bidding Documents pursuant to Sub- Clause 7.1 hereof and shall be communicated in writing to all the bidders. Interested bidders shall acknowledge receipt of each addendum in writing to the Procuring Agency.

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

C. PREPARATION OF BIDS

IB.10 Language of Bid

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

IB.11 Documents Accompanying the Bid

11.1 Each bidder shall:

- (a) Submit a written authorization on the letterhead of the bidding firm authorizing the signatory of the bid to act for and on behalf of the bidder;
- (b) update the information indicated and listed in the Bidding Data and previously submitted with the application for prequalification, and continue to meet the minimum criteria set out in the prequalification documents which as a minimum, would include the following:
 - (i) Evidence of access to financial resources along with average annual construction turnover;

- (ii) Financial predictions for the current year and the two following years including the effect of known commitments;
- (iii) Work commitments since prequalification;
- (iv) Current litigation information; and
- (v) Availability of critical equipment.
- (c) furnish a technical proposal taking into account the various Appendices to Bid specially the following:

Appendix-E to Bid	Proposed Construction Schedule
Appendix-F to Bid	Method of Performing the Work
Appendix-G to Bid	List of Major Equipment
Appendix-K to Bid	Organization Chart for Supervisory Staff and other pertinent information such as mobilization programmed;

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

- (a) one of the joint venture partners shall be nominated as being in charge; and this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the joint venture partners;
- (b) the bid and in case of a successful bid, the Form of Contract Agreement shall be signed so as to be legally binding on all partners;
- (c) the partner-in-charge shall always be duly authorized to deal with the Procuring Agency regarding all matters related with and/or incidental to the execution of Works as per the terms and Conditions of Contract and in this regard to incur any and all liabilities, receive instructions, give binding undertakings and receive payments on behalf of the joint venture;
- (d) all partners of the joint venture shall at all times and under all circumstances be liable jointly and severally for the execution of the Contract in accordance with the Contract terms and a statement to this effect shall be included in the authorization mentioned under Sub-Para(a) above as well as in the Form of Bid and in the Form of Contract Agreement (in case of a successful bid); and
- (e) a copy of the agreement entered into by the joint venture partners shall be submitted with the bid stating the conditions under which it will function, its period of duration, the persons authorized to represent and obligate it and which persons will be directly responsible for due performance of the Contract and can give valid receipts on behalf of the joint venture, the proportionate participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning. No amendments / modifications whatsoever in the joint venture agreement shall be agreed to between the joint venture partners without prior written consent of the Procuring Agency.

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

IB.12 Bid Prices

12.1 Unless stated otherwise in the Bidding Documents, the Contract shall be for the whole of the Works as described in Sub-Clause 1.1 hereof, based on the unit rates and/or prices submitted by the bidder or percentage quoted above or below on the rates of Composite Schedule of Rates (CSR), as the case may be.

12.2 The bidders shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Items against which no rate or price is entered by a bidder will not be paid for by the Procuring Agency when executed and shall be deemed covered by rates and prices for other items in the Bill of Quantities. In case of Composite Schedule of Rates, if the bidder fails to mention the percentage above or below, it shall be deemed to be at par with the rates of Composite Schedule of Rates.

12.3 The bid price submitted by the contractor shall include all rates and prices including the taxes. All duties, taxes and other levies payable by the contractor under the contract, or for any other cause during the currency of the execution of the work or otherwise specified in the contract as on the date seven days prior to the deadline for submission of bids. Additional / reduced duties, taxes and levies due to subsequent additions or changes in legislation shall be reimbursed / deducted as per Sub-Clause 13.7 of the General Conditions of Contract Part-I.

12.4 The rates and prices quoted by the bidders are subject to adjustment during the performance of the Contract in accordance with the provisions of Clause 13.7 of the Conditions of Contract. The bidders shall furnish the prescribed information for the price adjustment formulae in Appendix-C to Bid, and shall submit with their bids such other supporting information as required under the said Clause. Adjustment in prices quoted by bidders shall be allowed as per Sub-Para 4(ii) of Section C of Instructions to bidders and bidding data.

IB.13 Currencies of Bid and Payment

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

13.2 The rates of exchange to be used by the bidder for currency conversion shall be the selling rates published and authorized by the State Bank of Pakistan prevailing on the date, 07 (seven) days prior to the deadline for submission of bids. For the purpose of payments, the exchange rates used in bid preparation shall apply for the duration of the contract.

IB.14 Bid Validity

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

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

IB.15 Bid Security

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

15.2 The Bid Security shall be, at the option of the bidder, in the form of Deposit at Call or a Bank Guarantee issued by a Scheduled Bank in Pakistan or from a foreign bank duly counter guaranteed by a Scheduled Bank in Pakistan in favour of the Procuring Agency which should commensurate with the bid validity period. The bank guarantee for bid security shall be acceptable in the manner as provided at Annexure BS-1.

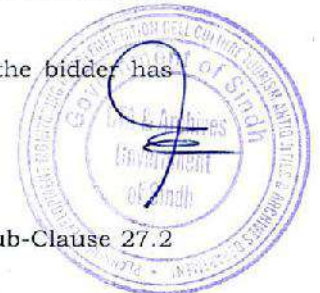
15.3 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Procuring Agency as non-responsive.

15.4 Bid security shall be released to the unsuccessful bidders once the contract has been signed with the successful bidder or the validity period has expired.

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

15.6 The Bid Security may be forfeited:

- (a) if the bidder withdraws his bid except as provided in Sub-Clause 22.1;
- (b) if the bidder does not accept the correction of his Bid Price pursuant to Sub-Clause 27.2 hereof; or
- (c) In the case of successful bidder, if he fails within the specified time limit to:
 - (i) furnish the required Performance Security; or
 - (ii) sign the Contract Agreement.



IB.16 Alternate Proposals by Bidder

16.1 Each bidder shall submit only one bid either by himself, or as a member of a joint venture, until and unless they have been requested or permitted for alternative bid, then he has to purchase separate bidding documents and alternate bid shall be treated as separate bid.

16.2 Alternate proposals are allowed only for procurement of works where technical complexity is involved and more than one designs or technical solutions are being offered. Two stage two envelope bidding procedure will be appropriate when alternate proposal is required.

16.3 Alternate bid(s) shall contain (a) relevant design calculations; (b) technical specifications; (c) proposed construction methodology; and (d) any other relevant details / conditions, provided that the total sum entered on the Form of Bid shall be that which represents complete compliance with the bidding documents.

IB.17 Pre-Bid Meeting

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

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

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

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

IB.18 Format and Signing of Bid

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

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

18.3 Alteration is not to be made in the Form of Bid nor in the Appendices thereto except in filling up the blanks as directed. If any such alterations be made or if these instructions be not fully complied with, the bid may be rejected.

18.4 Each bidder shall prepare by filling out the forms completely and without alterations and shall provide an original copy along with photocopies as per the requirement of the procuring agency specified in the bidding data. The original as well as copies of the document shall be clearly marked as "ORIGINAL" and "COPY", as the case may be. If there is any discrepancy between original and copy (ies) then the original shall prevail.

18.5 The original and all copies of the bid shall be typed or written in indelible ink (in the case of copies, Photostats are also acceptable) and shall be signed by a person or persons duly authorized to sign on behalf of the bidder pursuant to Sub- Clause 11.1(a) hereof. All pages of the bid shall be initialed and stamped by the person or persons signing the bid.

18.6 The bid shall contain no alterations, omissions or additions, except to comply with instructions issued by the Procuring Agency, or as are necessary to correct errors made by the bidder. Such corrections shall be initialed by the person (s) signing the bid.

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

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

D. SUBMISSION OF BIDS

IB.19 Sealing and Marking of Bids

19.1 Each bidder shall submit his bid as under through SPPRA website of "EPAD system"

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

(b) The envelopes containing the ORIGINAL and COPIES shall be put in one sealed envelope and addressed as given in Sub- Clause 19.2 hereof.

19.2 The inner and outer envelopes shall:

(a) be addressed to the Procuring Agency at the address provided in the Bidding Data;
* Note: See Bidding Data

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

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

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

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

IB.20 Deadline for Submission of Bids

20.1

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

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

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

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

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



IB.21 Late Bids

21.1

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

(b) Delays in the mail, delays of person in transit, or delivery of a bid to the wrong office shall not be accepted as an excuse for failure to deliver a bid at the proper place and time. It shall be the bidder's responsibility to submit the bid in time.

IB.22 Modification, Substitution and Withdrawal of Bids

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

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

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

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

E. BID OPENING AND EVALUATION

IB.23 Bid Opening

23.1 The Procuring Agency will open the bids, including withdrawals, substitution and modifications made pursuant to Clause IB.22, in the presence of bidders' representatives who choose to attend, at the time, date and location stipulated in the Bidding Data. The bidders or their representatives who are present shall sign an attendance sheet.

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

23.1 Procuring agency shall read aloud the name of the bidder, total bid price and price of any Alternate Proposal(s), if any, discounts, bid modifications, substitution and withdrawals, the presence or absence of bid security, and such other details as the Procuring Agency may consider appropriate, and total amount of each bid, and of any alternative bids if they have been requested or permitted, shall be read aloud and recorded when opened.

23.4 Procuring Agency shall prepare minutes of the bid opening, including the information disclosed to those present in accordance with the Sub-Clause 23.3.

IB.24 Process to be Confidential (SPP Rule 53)

24.1 Information relating to the examination, clarification, evaluation and comparison of bid and recommendations for the award of a contract shall not be disclosed to bidders or any other person not officially concerned with such process before the announcement of bid evaluation report in accordance with the requirements of Rule 45, which states that Procuring agencies shall announce the results of bid Evaluation in the form of a report giving reasons for acceptance or rejection of bids.

The report shall be hoisted on website of authority and that of procuring agency if it website exists and intimated to all bidders at least seven (7) days prior to the award of contract. The announcement to all bidders will include table(s) comprising read out

prices, discounted prices, price adjustments made, final evaluated prices and recommendations against all the bids evaluated. Any effort by a bidder to influence the procuring agency's processing of bids or award decisions may result in the rejection of such bidder's bid. Whereas, any bidder feeling aggrieved, may lodge a written complaint as per Rule 31; however mere fact of lodging a complaint shall not warrant suspension of the procurement process.

IB.25 Clarification of Bids (SPP Rule 43)

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

IB.26 Examination of Bids and Determination of Responsiveness

26.1 Prior to the detailed evaluation of bids, the procuring agency will determine whether the bidder fulfills all codal requirements of eligibility criteria given in the tender notice such as registration with tax authorities, registration with PEC (where applicable), turnover statement, experience statement, and any other condition mentioned in the NIT and bidding document. If the bidder does not fulfill any of these conditions, it shall not be evaluated further.

26.2 Once found to be fulfilling the eligibility criteria, as mentioned in sub-clause 26.1, the bids of eligible bidders will be evaluated for technical responsiveness as per specification and criteria given in the bidding documents. Technical and financial evaluations may be carried out in accordance with single stage-single envelope, single stage-two envelopes, two stage or two stage-two envelopes bidding procedures, depending on the selection procedure adopted by the procuring agency.

26.3 A bid will be considered technically responsive if it (i) has been properly signed; (ii) is accompanied by the required bid security; and (iii) conforms to all the terms, conditions and specifications of the bidding documents, without material deviation or reservation. A material deviation or reservation is one (i) which affects in any substantial way the scope, quality or performance of the works; (ii) which limits in any substantial way, inconsistent with the bidding documents, the procuring agency rights or the bidder's obligations under the contract; or (iii) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

26.4 If a bid has major deviations to the commercial requirements and technical specifications will be considered technically non responsive. As a general rule, major deviations are those that if accepted, would not fulfill the purposes for which the bid is requested, or would prevent a fair comparison or affect the ranking of the bids that are compliant with the bidding documents.

(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 affects 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

(i) 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.

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

IB.27 Correction of Errors

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

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

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

27.2 The amount stated in the Form of Bid will be adjusted by the Procuring Agency in accordance with the above procedure for the correction of errors and with the concurrence of the bidders. The amount thus corrected shall be considered as binding upon the bidder. If the bidder does not accept the corrected bid price, his bid will be rejected, and the bid security shall be forfeited in accordance with sub-clause IB 15.6(b) hereof.

IB.28 Evaluation and Comparison of Bids

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

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

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

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

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

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

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

28.5 **"Corrupt and Fraudulent Practices":** Bidders may be excluded if involved in means either one or any combination of the practices given below SPP Rule 2(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;
- (ii) **"Corrupt Practice"** means the off erring, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;
- "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;
- (iii) **"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.

28.6 Evaluation Report (SPP Rule 45)

After the completion of evaluation process, as described in clauses IB 27 and IB 28, the procuring agency shall announce the results of bid evaluation in the form of report (available on the website of the authority) giving reasons for acceptance and rejection of bid. The report shall be hoisted on website of the authority and that of procuring agencies if its website exists and intimated to all bidders at least seven (7) days prior to the award of contract.

F. AWARD OF CONTRACT

IB.29 Award (SPP Rule 49)

29.1 Subject to Clauses IB.30 and IB.34, the Procuring Agency shall 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, but not necessarily the lowest submitted price, within the original or extended period of bid validity. Provided that such bidder has been determined to be eligible in accordance with the provisions of clause IB 03 and qualify pursuant to sub-clause IB 29.2.

29.2 The Procuring Agency, at any stage of the bid evaluation, having credible reasons for or *prima facie* evidence of any deficiency(ies) in supplier's or contractor's capacities, may require the suppliers or contractors to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not: Provided that such qualification shall only be laid down after recording reasons there for in writing. They shall form part of the records of that bid evaluation report.

IB.30 Procuring Agency's Right to reject all Bids or Annul /Cancellation the Bidding Process (SPP Rule 25)

30.1 Notwithstanding Clause IB.29, and provision of the rule: (1) A procuring agency reserves may cancel the bidding process at any time prior to the acceptance of a bid or proposal; (2) The procuring agency shall incur no liability towards bidders solely by virtue of its invoking sub-rule (1);

(3) Intimation of the cancellation of bidding process shall be given promptly to all bidders and bid security shall be returned along with such intimation; (4) The procuring agency shall, upon request by any of the bidders, communicate to such bidder, grounds for cancellation of the bidding process, but is not required to justify such grounds.

IB.31 Notification of Award (SPP Rule 25)

31.1 Prior to expiry of the period of bid validity, including extension, prescribed by the procuring agency, the procuring agency shall notify the successful bidder in Writing ("Letter of Acceptance") that his bid has been accepted. This letter shall mention the sum which the procuring agency will pay to the contractor in consideration of the execution and completion of the works by the contractor as prescribed by the contract (hereinafter and in the conditions of contract called the "Contract Price").

31.2 No negotiation with the bidder having evaluated as lowest responsive or any other bidder shall be permitted, however, procuring agency may hold meetings to clarify any item in the bid evaluation report.

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

31.4 Upon furnishing by the successful bidder of a Performance Security and signing of the contract, the procuring agency will promptly notify the name of the successful bidder to all bidders and return their bid securities accordingly.

31.5 Within seven days of the award of contract, procuring agency shall publish on the website of the authority and on its own website, if such a website exists, the results of bidding process, identify the bid through procurement identifying numbers, and the following information:

- (1) Evaluation Report;
- (2) Form of Contract and letter of Award;
- (3) Bill of Quantities or Schedule of Requirement.

31.6 Debriefing (SPP Rule 51).

(a) A bidder may ask the procuring agency for reasons for non-acceptance of his bid and may request for a debriefing meeting and procuring agency shall give him the reasons for such non acceptance, either in writing or by holding a debriefing meeting with such a bidder.

(b) The requesting bidder shall bear all the costs of attending such a debriefing.

IB.32 Performance Security (SPP Rule 39)

32.1 The successful bidder shall furnish to the Procuring Agency a Performance Security in the form pay order or demand draft or bank guarantee, and the amount stipulated in the Bidding Data and the Conditions of Contract within a period of 14 days after the receipt of Letter of Acceptance.

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

32.3 Validity of performance security shall extend at least ninety days beyond the date of completion of contract, or as mentioned in the bidding data to cover defects liability period or maintenance period subject to final acceptance by the procuring agency.

IB.33 Signing of Contract Agreement (SPP Rule 39)

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

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

33.3 A procurement contract shall come into force when the procuring agency requires signs contract, the date on which the signatures of both the procuring agency and the successful bidder are affixed to the written contract. Such affixing of signatures shall take place within the time prescribed in the bidding documents. Provided that the procuring agency may reduce the maximum time limit for signing of contract, as and when required, and shall be mentioned in the bidding documents.

Stamp Duty.

The formal Agreement between the Procuring Agency and the successful bidder shall be duly stamped at rate of 0.35%* of bid price (updated from time to time) stated in Letter of Acceptance

IB.34 General Performance of the Bidders

Procuring agency may in case of consistent poor performance of the contractor and his failure to remedy the underperforming contract may take such action as may be deemed appropriate under the circumstances of the case including the rescinding the contract and/or black listing of such contractor and debarring him from participation in future bidding process.

IB.35 Integrity Pact (SPP Rule 89)

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

IB.36 Instructions not Part of Contract

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

Note: See Bidding Data

IB.37 Arbitration (SPP Rule 34)

Any dispute that is not amicably resolved shall be finally settled, unless otherwise specified in the Contract, under the Arbitration Act 1940 updated from time to time and would be held anywhere in the Province of Sindh at the discretion of procuring agency.



BIDDING DATA



BIDDING DATA

1.1 Name and Address of the Procuring Agency:

***Planning, Development, Monitoring & Implementation Cell,
Culture, Tourism, Antiquities & Archives Department,
Government of Sindh Behind Rumi Graveyard, near Grid Station
at Northern Bypass, Karachi.***

Name of the Project

CONSTRUCTION OF LIBRARY AND AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

Scope of work is provided in the Bill of Quantities, Specifications and Drawings.

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

*The Work is financed by Culture, Tourism, Antiquities & Archives
Department Government of Sindh.*

2.1 Amount and type of financing: 975.000 (M)

8.1 Time limit for clarification:

*Bidders may seek clarification in writing at least five (05) days before Pre
bid meeting.*

10.1 Bid language:

English

11.1 (a) Prequalification Information to be updated:

*Updated information shall be submitted in accordance with the Appendices to
the Tender along with current contractual and financial commitments.*

13.1 Bidders to quote entirely in Pak. Rupees only.

14.1 Period of Bid Validity:

90 days after the date of Bid opening

Amount of Bid Security:

*5% Bid Security (Rs. 48.750 Million) of total estimated amount in the form
of Deposit at Call/Banker's Cheque or a Bank Guarantee issued by a
Scheduled Bank in Pakistan in favor of the Procuring Agency.*

17.1 Venue of the pre-Bid meeting:

Venue: Planning, Development, Monitoring & Implementation Cell, Culture,
Tourism, Antiquities & Archives Department Government of Sindh. Behind
Rumi Graveyard near Grid Station at Northern By-Pass, Karachi

18.4 Number of copies of the Bid to be uploaded on SPPRA "EPAD System":

One copy attached with Technical & Financial proposals including relevant required documents complete in all respect.

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

Each bidder shall submit his bid as under through SPPRA website of "EPAD system"

**19.2(b) Name and Number of the Contact person for any query:
EXECUTIVE ENGINEER-0331-3263107**

20.1(a) Deadline for submission of bids:

As notified in Notice Inviting Tenders NIT

23.1 Venue, time, and date of Bid opening:

Venue: Office of The Executive Engineer, Planning, Development, Monitoring & Implementation Cell, Culture, Tourism, Antiquities & Archives Department Government of Sindh. Behind Rumi Graveyard near Grid Station at Northern By-Pass, Karachi (Bids will be opened online on SPPRA EPADS using computer screen as per SPPRA Rules).

Date: as notified in NIT

Time for opening of bids: *As notified in NIT*

26. Examination of Bids and Determination of Responsiveness:

The bids shall be prepared and submitted as per "Single Stage Two Envelope" bidding process. However, it is essential that each bidder shall submit all required data / information as per Appendices to demonstrate responsiveness. All the blanks in tender/bidding documents should be filled and each page should be signed & stamped by the contractor/bidder.

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

Performance Security shall be equal to 5% of Contract Amount stated in the Letter of Acceptance. Such Security shall be in the form of unconditional on demand bank guarantee from a Schedule bank in Pakistan.

32.3 Validity of Performance Security:

Performance Security shall be valid up to completion of Defects Liability Period.



33.3 Signing of Contract Agreement:

Within fourteen (14) days from the date of furnishing acceptable Performance security, the successful bidder shall bring Contract Agreement (as per format given in Tender documents) on stamp paper of the value as per stamp duty Act latest version.

32.3 Stamp duty

Stamp duty on contract agreement or other papers shall be paid by the successful bidder/contractor as per percentage given in stamp duty Act latest version.



**TERMS & CONDITIONS /
MANDATARY CRITERIA/
QUALIFICATION CRITERIA /
EVALUATION CRITERIA**



TERMS AND CONDITIONS:

1. Bid Validity period is Ninety (90) Days.
2. Bid Security / Earnest Money should be made from the Account of the Company / Firm of the participant valid for at least 28 days beyond the bid validity period and shall be verified from the issuing authority before award of contract.
3. Name, complete address, telephone number(s), WhatsApp number(s), and e-mail address of the firm/individual must be provided including ownership details, organizational structure, and year of establishment shall be clearly stated.
4. In case of a representative, an authority letter on official company letterhead, duly signed by the owner, must be submitted. The letter shall include complete details of the owner(s) along with CNIC copies.
5. Bid Security shall be released to unsuccessful bidders within **seven (07) days** once the contract has been signed with the successful bidder or upon expiry of the validity period, in accordance with **Rule-37(6) of SPP Rules-2010 (Amended till date)**.
6. Rates and amounts must be quoted in **both words and figures**, bids must be carefully and clearly filled. Each page of the bid must be **signed and stamped**. All corrections/over-writings shall be re-written clearly, initialed, and duly stamped by the bidder.
7. The bidder shall comply with all mandatory eligibility requirements, qualification criteria, bidding data and other material requirements specified in the bidding documents. Failure to meet any mandatory eligibility or qualification requirement, or submission of a material deviation, shall render the bid non-responsive. Bids shall be evaluated in accordance with the criteria and procedures expressly provided in the bidding documents and applicable SPPRA Rules and Regulations.
8. The financial bids shall be examined in accordance with the evaluation provisions of the bidding documents. Bids containing materially unbalanced, abnormally high, abnormally low or otherwise unrealistic rates shall be dealt with in accordance with the applicable SPPRA Rules and Regulations and the relevant provisions of the bidding documents. Any decision affecting the responsiveness or acceptability of a bid shall be supported by recorded reasons and the prescribed procedure.
9. Firms providing **unsustainable or incorrect information** are liable to disqualification and legal action. If any **fake document** is found, the tender shall be rejected/cancelled without compensation, and penalty shall be imposed as per rules.
10. Bids received without supporting documents as required under eligibility criteria shall be declared **non-responsive**. The Procuring Agency reserves the right to **cross-verify any information** provided in the bidding documents. Incomplete or conditional bids will not be accepted.
11. All original documents must be produced upon request of the Procurement Committee for verification. Canvassing in connection with tendering is strictly prohibited. Proposals submitted by contractors found involved in canvassing shall be liable to rejection.
12. All documents must be **scanned from originals**; photocopy scans or blurred documents are rejected. The responsibility of providing clear, authentic, and verifiable scanned documents lies solely with the bidder.
13. The bidder must upload duly filled, signed, and company-stamped copies of each page of the Bidding Documents downloaded by the firm. All financial and technical documents must also be signed and stamped. Failure to comply will render the bid non-responsive and it shall not be considered for evaluation.

14. Any rebate / discount / below percentage shall be applied only on the BOQ / construction cost excluding SRB. SRB shall be calculated separately on the net construction cost after applying such rebate / discount. No discount, rebate, special reduction, or below percentage shall be applied on the after-tax amount / gross amount including SRB / SST. Conditional rebates, deferred rebates, or rebates proposed to be adjusted in future bills / installments shall not be considered for bid evaluation.
15. All affidavits, undertakings, Integrity Pact, declarations and authority letters required under the bidding documents shall be submitted on valid **E-Stamp Paper of Rs. 500/-**. Non-judicial stamp paper below the prescribed value, unverifiable stamp paper, manual stamp paper, or stamp paper not issued in the name of the bidder shall not be accepted.
16. In the event of a tie between two or more bidders, the matter shall be dealt with in accordance with the evaluation methodology and tie-breaking provisions expressly stated in the bidding documents and the applicable SPPRA Rules and Regulations. The Procuring Agency shall maintain a transparent record of the process and the reasons for its decision.
17. Amount must be quoted in whole rupees only, any amount quoted in paisa / decimals shall be rounded to the nearest rupee, and no bidder shall gain advantage merely on the basis of paisa / decimal difference. In case of discrepancy between words and figures, the amount written in words shall prevail, subject to arithmetic correction.
18. Clarification may be sought only in respect of documents already submitted and shall not permit alteration, substitution, improvement or supplementation of the bid.
19. The Procuring Agency may reject all or any bids/tenders at any time prior to acceptance, subject to **Rule-25(i) of SPP Rules-2010 (Amended till date)**.



ELIGIBLE CRITERIA (MANDATORY REQUIREMENT)

(BASED ON YES/NO)

The bidder must fulfil all mandatory eligibility and qualification requirements specified below and submit complete, legible and verifiable documentary evidence in support of each requirement. The bidder shall upload a document index/checklist indicating the relevant EPADS file name and page reference against each requirement. Failure to fulfil any mandatory requirement shall render the bid non-responsive, subject to the applicable SPPRA Rules and Regulations and the provisions of the bidding documents.

SR. NO.	QUALIFICATION CRITERIA (MANDATORY REQUIREMENT)	YES	NO
01	A scanned copy of the Tender Fee of Rs. 3,000/- and 5% Bid Security (Rs. 48,750,000/-) must be uploaded with the Technical E-Bid on EPADS, while the original Pay Order/Bank Draft of the Bid Security must be submitted in a sealed envelope to the Planning, Development, Monitoring & Implementation Cell, Culture, Tourism, Antiquities & Archives Department, Government of Sindh, Behind Rumi Graveyard, near Grid Station, Northern Bypass, Karachi, before the opening of the Technical E-Bid.		
02	Valid copy of CNIC of Proprietor / Partners.		
03	PEC Registration Certificate valid up to June-2027 in Category "C-2 & above" along with the fields of specialization codes mentioned below: (CE-01, CE-02, CE-09, CE-10, CE-11, EE-01, EE-02, EE-04, EE-11, ME-02)		
04	Active Taxpayer status with Federal Board of Revenue (FBR) and Sindh Revenue Board (SRB). • Valid NTN Certificate (Must be Active) • Valid SRB Certificate (Must be Active)		
05	• Valid Electrical License		
06	Valid certification of ISO 9001:2015 (Quality Management System), ISO 14001:2015 (Environmental Management System) & ISO 45001:2018 (Occupational Health & Safety Management System).		
07	The bidder must be a PEC company/firm legally registered or incorporated for at least five (05) years prior to the bid submission deadline, supported by a valid registration/incorporation certificate and other relevant documentary evidence. The bidder shall also provide proof of execution of works of a similar nature and complexity during the last five (05) years, undertaken for Government, Semi-Government, Autonomous Bodies, Local Councils, Development Authorities, Public Sector Organizations, or Government-owned entities, supported by documentary evidence from PPMS/EPAD (PPMS/EPAD ID, Bid Evaluation Reports, Letter of Intent, Contract Agreement, Work Orders, Satisfactory Completion Certificates). Verification may be made from the SPPRA website in accordance with Regulations Clause 2.16 & 7.9(i) (Notification dated 10 th April, 2023). (Private Sector, Cooperative housing societies, builders, developers, private colonies, private industrial estates, private clients or self-executed works shall not be considered). • The bidder must have successfully completed at least three (03) works of similar nature during the last five (05) years, calculated from the bid submission deadline. Each work shall be supported by the relevant Work Order, Contract Agreement and Satisfactory Completion Certificate issued by the concerned client department or competent authority. Documentary evidence and project details shall be verifiable from the relevant procuring agency or official procurement record, where applicable. At least one of the completed works shall relate to the construction of an auditorium or a comparable public/institutional building. The required similarity and minimum value of the completed works shall be assessed strictly in accordance with the criteria specified in the bidding documents.		
08	The bidders shall have an Average Annual Financial Turnover of not less than Rs. 200,000 (M) during the last five (05) financial years, supported by Bank's Annual Turnover Certificate, Bank Statements, Annual Tax Returns, Audit Reports (last five years) issued by ICAP-registered Chartered Accountant firms only. 1) Bank's letter / certificate confirming annual turnover during last five years must be issued within the last 15 days prior to the bid submission date. Certificate issued earlier than 15 days before the bid submission deadline shall not be considered. 2) Bank's letter / certificate confirming account balance certificate must be issued within the last 15 days prior to the bid submission date. Certificate issued earlier than 15 days before the bid submission deadline shall not be considered.		
09	Bio-data of permanently employed technical staff, supported by CVs, Degrees, valid PEC Registration Cards, Salary Proof, Payroll records, and working history of the last three (03) years. PEC registration of professional engineers proposed by the bidder must be valid on the date of bid submission, Expired PEC registration shall not be considered.		
10	Details of equipment, machinery, and vehicles available with the contractor for the project, with location details. Bidder must submit ownership documents or valid rental / hiring agreements. Failure to submit documentary evidence of ownership or rental agreements will result in disqualification.		
11	Undertaking on Original E-Stamp Paper of Rs. 500/- must be issued by the bidder in favour of procuring agency (third party paper will not be accepted) Declaration covering: i. The firm has not been involved in litigation or rescinded works (attach list if any). ii. The firm is not blacklisted or de-listed (attach details if any). All information and documents submitted are correct and true.		

The bidders failing in Mandatory requirements will be disqualified technically.



**EVALUATION CRITERIA FOR TECHNICAL PROPOSALS
BASED ON PASS OR FAIL BY MARKS/SCORES**

The technical proposals shall be evaluated out of a maximum of 100 marks. A bidder must obtain at least 70% of the marks allocated to each individual evaluation category and an overall minimum score of 80 marks out of 100 to qualify. The bidder must also fulfil all mandatory eligibility and qualification requirements specified in the bidding documents. Failure to meet any mandatory requirement or the prescribed qualifying marks shall result in technical disqualification.

SR. NO.	CATEGORY	TOTAL MARKS
01	Company Profile	15
02	Professional Experience Record	25
03	Financial Soundness/Status	20
04	Personnel Capabilities	20
05	Equipment Capabilities	20
TOTAL		100

SR. NO.	DESCRIPTION	TOTAL MARKS
A	COMPANY PROFILE:	15 MARKS
I.	Period since Firm/Contractor is in construction business	10
i.	Number of years of company establishment from 05 to 10 Years of Establishment	3
i.	Number of years of company establishment more than 10 Years up-to 20 Years of Establishment	7
iii.	Number of years of company establishment More than 20 Years of Establishment	10
II.	Quality Assurance	4
i.	ISO 9001:2015, ISO 14001:2015, ISO 45001:2018.	4
III.	Office Facilities	1
i	Office in Sindh Province (Document Evidence)	1
TOTAL - A		15
B	PROFESSIONAL EXPERIENCE RECORD	25 MARKS
i.	At least three (03) works of similar nature completed in last Five years in Government Sector, with their Satisfactory completion certificate duly supported by documentary evidence (Work Orders/ Contract Agreements & Project Completion Certificate). (05 Marks for Each Project)	15
ii.	At least two work award of similar nature in Hand (05 Marks for Each Project)	10
TOTAL - B		25
C	FINANCIAL SOUNDNESS/STATUS	20 MARKS
I.	Working Capital in hand for this project/work (The bidder shall provide evidence of available working capital or financial resources through bank statements, a bank certificate)	10
i.	Above 30 Million up-to 40 Million	5
ii.	40 Million up-to 70 Million	8
iii.	Above 70 Million	10
SUB TOTAL - I		10
II.	Average Annual Financial Turn-over during last 5 years	10
i.	Above 200 Million up-to 500 Million	7
ii.	500 Million up-to 700 Million	8
iii.	Above 700 Million	10
SUB TOTAL - II		10
TOTAL - C		20

SR. NO.	DESCRIPTION	TOTAL MARKS
D	PERSONNEL CAPABILITIES REQUIRED FOR THIS PROJECT	20 MARKS
1	Project Manager must be B.E. (Civil) registered with PEC (02 Nos.)	6
i	05 to 10 Years of experience (1 mark for each)	2
ii	10 Years up-to 15 years of experience (2 marks for each)	4
iii	Above 15 years of experience (3 marks for each)	6
2	Structural Engineer must be B.E. (Civil) registered with PEC (01 No.)	3
i	05 Years of experience	1
ii	05 Years up-to 10 years of experience	2
iii	Above 10 years of experience	3
3	Electrical Engineer must be B.E. (Electrical) registered with PEC (01 No.)	2
i	05 Years up-to 10 years of experience	1
ii	Above 10 years of experience	2
4	Architect must be B.Arch/B.E (Architecture) registered with PEC/PCATP (01 No.)	3
i	05 Years of experience	1
ii	05 Years up-to 10 years of experience	2
iii	Above 10 years of experience	3
5	Quantity Surveyor with DAE (Civil) (01 No.)	2
i	05 Years up-to 10 years of experience	1
ii	Above 10 years of experience	2
6	Site Supervisor (Civil) with DAE (02 Nos.)	4
i	05 to 10 Years of experience (1 mark for each)	2
ii	10 Years up-to 15 years of experience (1.5 marks for each)	3
iii	Above 15 years of experience (2 marks for each)	4
TOTAL - D		20
E	EQUIPMENT CAPABILITIES	20 MARKS
1	Concrete Vibrator (04 Nos.)	2
2	Water Pump, Dewatering Pump & Submersible Pump (04 Nos.)	2
3	Mixture Machine with Tower Lift (04 Nos.)	2
4	Excavator (02 Nos.)	2
5	Roller Compactor (05 Tons) (02 Nos.)	2
6	Plate Compactor (04 Nos.)	1
7	Container for Site Office (02 Nos.) (40 Ft Each)	2
8	Dumper / Trucks (02 Nos.)	1
9	Tractor Trolley (02 Nos.)	1
10	Shuttering (30,000 Sft.) / Scaffolding (30,000 sq. ft.) (Formwork)	2
11	Generator 20 KVA (02 Nos.)	2
12	Power / Hand Tools-Safety Equipment-measuring & testing Equipment, Cutting & Drilling Machines (L.S)	1
TOTAL - E		20
GRAND TOTAL		100

Note:

- The bidder must upload duly filled, signed, and company-stamped copies of each page of the Standard Bidding Documents downloaded by the firm. All financial and technical documents must also be signed and stamped. Failure to comply will render the bid non-responsive and it shall not be considered for evaluation.
- The financial proposals of only technically qualified bidders shall be opened and evaluated in accordance with the procedure specified in the bidding documents and applicable SPPRA Rules. The financial evaluation shall be based on the quoted bid price, arithmetic corrections, applicable taxes and any other adjustments expressly provided for in the bidding documents. The method of comparison and determination of the lowest evaluated responsive bid shall be applied uniformly to all technically qualified bidders.

MASTER PLAN



**FORM OF BID
AND
APPENDICES TO BID**



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

1.	Amount of Performance Security	4.2	5% of Contract Price in the shape of Pay order/Cash deposit/Bank Guarantee
2.	Time for Furnishing Programme	8.3	The Contractor shall submit the detailed work programme within fourteen (14) days from the Commencement Date. The programme shall be prepared in the form specified in the Contract Data and shall indicate the sequence, duration and planned completion dates of the major activities of the Works. The programme shall be subject to review and approval by the Engineer in accordance with the Conditions of Contract
3.	Time for Commencement	8.1	Within 07 days from the date of receipt of Engineer's Notice to Commence, this shall be issued within 14 days after signing of Contract Agreement
4.	Time for Completion (works & sections)	8.2 & 10.2	The Time for Completion of the Works shall be twelve (12) calendar months from the date of receipt of the Engineer's Notice to Commence, subject to the Conditions of Contract.
5.	Amount of Liquidity Damages/Delay Damages/Penalties	8.7	In the event of delay in completion of the Works beyond the Time for Completion, the Contractor shall be liable to liquidated damages at the rate of 0.05% of the Contract Price per day of delay, subject to a maximum of 10% of the Contract Price, in accordance with the Conditions of Contract.
6.	Defects Liability Period	11.1	The Defects Liability Period shall be three hundred and sixty-five (365) days from the effective date of the Taking-Over Certificate, subject to the Conditions of Contract.
7.	Adjustment in Change of Cost	13.8	Not Applicable. The Contract shall be on a fixed-price basis, and no adjustment shall be made to the Contract Price on account of fluctuations in the prices of labour, materials, fuel, machinery or other inputs, except where expressly permitted under the Conditions of Contract and applicable law.
8.	Percentage of Retention Money	14.9	5% of the Amount of Interim/ Running Payment Certificate
9.	Limit of Retention Money	14.9	5% of the Contract price
10.	Time of Payment from delivery of Engineer's Interim/Running Payment Certificate to the Procuring agency.	14.7	30 days



FOREIGN CURRENCY REQUIREMENTS

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

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

NOT APPLICABLE



**PRICE ADJUSTMENT UNDER CLAUSE 70/13.8
OF CONDITIONS OF CONTRACT**

A. Weight ages or coefficients are used for price adjustment.

The source of indices and the weight ages or coefficients for use in the adjustment formula under Clause 13.8 shall be as follows:

(To be filled by the procuring agency)

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

Notes:

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

B. When Escalation is allowed on the materials only. Price adjustment on following items shall be allowed:

Cost Element	Description	Base price	Applicable index
1	2	3	4
(i)	Cement - in bags		Government of Pakistan (GoP) Federal Bureau of Statistics (FBS) Monthly Statistical Bulletin.
(ii)	Reinforcing Steel		" " "
(iii)	Bricks		" " "
(iv)	Bitumen		" " "
(v)	Wood (Composite item)		" " "
	Total five items.		

BILL OF QUANTITIES



BIDDING DOCUMENT (FINANCIAL)



GOVERNMENT OF SINDH

NAME OF PROCURING AGENCY

**PLANNING, DEVELOPMENT, MONITORING & IMPLEMENTATION CELL
CULTURE, TOURISM, ANTIQUITIES & ARCHIVES DEPARTMENT**



Name of Project/Scheme

**CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA
BUX BHUTTO**

CALL DEPOSIT NO.	:	
CALL DEPOSIT AMOUNT	:	
DATED	:	
BANK	:	

Document issued to

M/S _____

SUMMARY

NAME OF WORK:- CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

S #	NAME OF COMPONENTS	AMOUNT	
1	AUDITORIUM	Rs.	
2	LIBRARY	Rs.	
3	ART & CRAFT CENTER	Rs.	
4	RESTAURANT	Rs.	
5	FOOD PIAZZA	Rs.	
6	MUSEUM	Rs.	
7	CONFERENCE ROOM	Rs.	
8	ADMIN BLOCK	Rs.	
9	SHOPS	Rs.	
10	TOILET (02) UNIT	Rs.	
11	EXTERNAL DEVELOPMENT	Rs.	
12	BOUNDARY WALL	Rs.	
	SUB TOTAL	Rs.	
	ADD SRE 5%	Rs.	
	GRAND TOTAL	Rs.	



GENERAL ABSTRACT

NAME OF WORK:- CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

S #	NAME OF COMPONENTS	AMOUNT	
	01 - AUDITORIUM		
A	CIVIL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
B	ELECTRICAL WORK		
i	NON SCHEDULE ITEMS	Rs.	
C	PLUMBING WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
D	HVAC WORK		
I	NON-SCHEDULE ITEMS	Rs.	
E	FIRE SUPPRESSION SERVICES		
ii	NON-SCHEDULE ITEMS	Rs.	
	SUB-TOTAL	Rs.	



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
01 - AUDITORIUM					
CIVIL WORK (SCHEDULE ITEMS)					
01.	Clearing and grubbing the site by cutting, uprooting and removing all rubbish and shrubs including disposal to (outside limits) designated places. (HW/1 Pg. No. 211)	20,000.00	Sft	2.88	57,600.00
02.	Dismantling of cement concrete plain 1:2:4 etc Plain. (C-2/ 19(c) Pg. No. 20)	1,312.51	Cft	133.08	174,668.83
03.	Dismantling of cement concrete plain 1:2:4 etc Plain. (C-2/ 20 Pg. No. 20)	750.00	Cft	229.72	172,290.00
04.	Earth for slash or Daldal including dewatering. (C-1/16 Pg. No. 17)	100,000.00	Cft	9.51	951,000.00
07.	Excavation in foundation of Building Bridges and other structures including degbelling dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. (b) In Ordinary Soil Upto 5 ft. depth, within 50 ft. (C-1/18b & c Pg. No.17)	94,500.00	P.Cft	11.88	1,122,660.00
08.	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an over all pre construction treatment in slab type construction under the slab and along attached perches or entrances etc, complete as per directions of Engineer Incharge. (S.I 92A Pg. No. 84)	20,000.00	P.Sft	11.46	229,200.00
09.	Random, rubble masonry (uncoursed) foundation & Plinth. (i) Dry Masonry (S.I No. C-6/1(i) / P-35)	10,000.00	P.Cft	114.07	1,140,700.00
10.	Cement concrete plain including placing compacting,finishing and curing complete (including screening and washing at stone aggregate without shuttering CC 1:4:8 (S.I No. 5-1 / P-24)	7,636.24	P.Cft	348.83	2,663,749.60
12.	Placing, compacting, finishing and curing of concrete using ordinary Portland Cement/ Sulphate resistant cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, transportation by transit mixer, pouring with pump in the required portion to achieve a cylindrical strength in the field as per ACI 214, with the specified consistency i/c the cost of shuttering, compaction with compactor, excluding the cost of admixture, as approved and directed by the Engineer Incharge.				
iii)	Ratio 3000 PSI (C-18/ 98(iii) Pg.No.85)	98,993.55	P.Cft	805.57	79,746,234.07
iv)	Ratio 4000 PSI (C-18/ 98(iv) Pg.No.85)	15,547.00	P.Cft	900.31	13,997,119.57
13.	Fabrication of deformed steel reinforcement for cement concrete including cutting, bending.	5,194.49	P.Cwt	18,934.02	98,352,577.53
14.	Fabrication of heavy steel work with angles, tees, flat iron, round iron and sheet iron for making trusses, girders, tanks, M.S Stair Railing etc. including cutting, tanks etc. including cutting, drilling riveting, handling assembling and fixing but excluding erection in position.	1,257.71	P.Cwt	20,366.45	25,615,087.83
15.	Filling, watering and ramming earth in floors with surplus earth from foundation etc. lead up to one chain and lift up to 5 feet. (C-1 Item 21 Page 4)	56,700.00	P.Cft	6.50	368,550.00
16.	Erection and removal of centering for R.C.C or plain cement concrete works of Partial wood Vertical Floor. (S.I C-4/19(b) Pg #27)	2,412.50	P.Sft	220.36	531,618.50
17.	Cement concrete plain 1 : 3 : 6 i/c placing compacting, finishing and curing, complete including screening and washing at stone aggregate without shuttering. (S.I.No 5-h / P-24)	806.43	P.Cft	388.76	313,507.73
18.	Pacca brick work in ground floor in (including striking of joints),(c) Cement sand mortar. 1:4	42,384.86	P.Cft	397.85	16,862,816.55
19.	First Floor.	39,987.13	P.Cft	411.03	16,437,909.40
20.	Cement plaster 1:4 upto 12' height 3/4" thick. (S.I. No. 11(c)/52)	80,805.26	P.Sft	53.82	4,348,939.09
21.	Cement plaster 1:5 upto 12' height. Upto 20 ft (6.10 metre) height.(S.I 12 (c) 3/4" thick.	34,630.83	P.Sft	52.01	1,801,149.47
22.	Extra labour for external surface for distemper/paint/ whitewash/ colourwash/ weather coat above 20'-0 height using long ladder or jhoola (for every 10' -0 additional height).	6,400.00	P.Sft	36.63	234,432.00
23.	Providing and fixing in position doors, windows and ventilators of first class deodar wood frames, and 1-1/2" thick Teak wood ply shutters of second class deodar wood skeleton (Solid) styles and rails core of partial wood and commercial ply wood (3 ply) on both sides including hold fasts, hinges, iron tower bolts, handles and cleats with cord etc, complete. (Sample as approved by architect/engineer incharge) (S.I C-10/58 Pg. No. 61)	111.00	P.Sft	2,763.94	306,797.34
23.	Priming Coat of Chalk Distemper. (S.I C-9/23 Pg. No. 53)	6,400.00	P.Sft	3.59	22,976.00
24.	Preparing the surface for distemper with plaster of paris or any well known phutti, priming coat of chalk under distemper and then make 3 coat of distemper to finish. the job used only for roofs etc. complete as per directed by Engineer / Incharge. (S.I # 24 (c) P-53)	6,400.00	P.Sft	17.23	110,272.00
25.	Preparing the surface and painting with matt finish i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink /chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc: complete (newsurface three coat). (S.I. No. 36(a & b) P.No 54)	115,436.09	P.Sft	75.05	8,563,478.55
26.	2 coats of bitumen laid hot using 34 lbs (1.72Kg/Sq per P.S for roof and blinded with sand at 1 Cft per % Sf	49,684.00	P.Sft	47.84	2,376,882.56
27.	Filling, watering and ramming earth under floor, with new earth (Excavated from outside) lift upto 5 ft and lead upto 10 miles including cost of earth. (S.I. No. 22/17)	29,392.51	P.Cft	47.02	1,382,035.82
28.	Split tiles 5-1/4"x10-1/2"x3/8" 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.)	1,651.28	P.Sft	515.00	850,409.20
29.	Providing and fixing stainless steel nickle coated stair case railing of 3-1/2" consisting of horizontal 2-1/2"x2 1/2" at bottom and 1-1/2"x1-1/2" vertical tube 12" center to center and 3" steel tube with round ball as directed by engineer / incharge.	267.30	P.Rft	6,598.80	1,763,859.24
30.	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing bricks/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make. (S.I C-9/38 A Pg # 54)	2,073.00	P.Sft	39.38	81,634.74
31.	2nd & subsequent coat. (S.I C-9/38-B Pg # 54)	2,073.00	P.Sft	23.60	48,922.80
32.	Providing & Laying Afghan Ziarat white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (S.I C18/120 Pg. # 87)				
a)	3/4" thick marble	557.93	P.Sft	1,058.78	590,725.13
b)	1" thick marble	24,555.00	P.Sft	1,181.63	29,014,924.65
33.	Providing & Laying Full Body Porcelain Tiles in flooring or facing of approved design set in grey cement mortar 1:2 or 3/4" thickness i/c washing & joints with white cement slurry (using colour pigment for matching complete as per specification (Size, tiles thickness & colour sample as approved by Architect/engineer.) (S.I C-8/28 (vii)-xi Pg # 46. Size = 24"x48"	1,725.00	P.Sft	651.48	1,123,803.00



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
34.	Supply and installation of mineral fiber acoustic ceiling (non-directional) perforated pattern size 2'-0"x2'-0"x1/2" thick and imported Aluminum trussed section in natural anodized finish 10-12 microns coating comprising of main tee runner and edge trim. Suspension shall be made by mean of adjustable suspender of 8 SWG galvanized steel wire and cadmium plated spring clip supported at 4'-0" center to center, suspender shall be fixed to slab beam soffits with nylon anchor 1-1/2 No. 12 round headed steel screws and washer. (S.I.C-18/105 Pg. # 86)	11,986.00	P.Sft	318.69	3,819,818.34
b)	2" thick.	195.00	P.Sft	3,279.20	639,444.00
35.	Providing and fixing Gutka Brick facing 2 1/2"x 9" x2 1/4" size of approved design set in cement mortar 1:3 i/c filling the joints with white cement slurry colour pigment for matching i/c leveling smooth finishing, curing and scaffolding etc complete as per specification and directed by the Engineer / Incharge.	27,784.69	P.Sft	531.28	14,761,450.10
36.	Providing and laying 1" thick topping of cement concrete (1:2:4) including Surface finishing and dividing into panels: 3' THICK	17,456.95	P.Sft	145.00	2,531,257.75
SUB-TOTAL OF SCHEDULE ITEMS				=	333,210,501.42
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
CIVIL WORK (NON SCHEDULE ITEMS)					
1	Providing and Fixing first class Mahagny wood wrought joinery in doors etc, fixed in position i/c chowkats holdfasts, hinges, iron, lower bolts, chocks, handles and cords with hooks etc panelled and glazed or fully glazed and i/c the cost of wire gauze shutter.	624.00	P.Sft		
2	Providing and laying of Granite 3/4" (19 mm) thick, including cutting, dressing, rubbing, polishing, and fixing in position on floor, wall surfaces, stair treads, and risers with cement slurry and approved adhesive, complete in all respects as per drawings, specifications, and the instructions of the Engineer Incharge	332.00	P.Sft		
3	Providing, supplying, and installing gypsum board false ceiling comprising 24" x 24" grid layout with approved metal framing system, suspended from structural slab by hangers and supports, including GI channels, perimeter trims, suspension accessories, joint treatment, cutting, alignment, finishing, screw fixing, necessary supports, labor, tools, scaffolding, transportation, loading/unloading, and complete installation in accordance with approved architectural drawings and specifications, complete in all respects as approved by the Consultant/Architect.	1,182.00	Sft		
4	Providing & fixing wood beading complete as per drawings, details and Engineer Incharge.	320.00	Rft		
5	Providing and fixing uPVC (Unplasticized Polyvinyl Chloride) door of approved design comprising multi-chamber uPVC profile, factory fabricated panel shutter (approx. 35-40mm thick), complete with frame, hinges, handle, lock, and all necessary hardware, including installation, sealing and making good complete in all respects.	100.00	Sft		
6	Providing, supplying, and laying premium quality carpet flooring of approved brand, color, texture, and pile type (loop pile/cut pile/tiles as specified), over prepared and leveled surface, including underlay (if required), adhesive or double-sided tape fixing system, seam joining, edge trimming, skirting interface finishing, floor cleaning, protection, wastage, labor, tools, accessories, transportation, loading/unloading and complete installation in accordance with approved architectural drawings and specifications, complete in all respects as approved by the Consultant/Architect.	18,964.00	Sft		
7	Providing, supplying, and installing wood plank wall cladding with fabric texture finish on approved walls, including wooden planks of approved size, design, and finish, fixed over wood sub-frame with proper backing, and fabric/textile acoustic or decorative layer as specified, in accordance with approved architectural drawings and specifications, including framing, leveling, cutting, alignment, adhesive and mechanical fixing, edge trimming, joint finishing, polishing/lamination where required, accessories, labor, tools, scaffolding, transportation, loading/unloading and complete installation in all respects as approved by the Consultant/Architect.	4,050.00	Sft		
8	Providing, supplying, fabricating, and installing wooden jaffery (Jali / Decorative Lattice) of approved design, pattern, and size, manufactured from seasoned hardwood (as specified), CNC cut or hand crafted as per architectural drawings, including necessary wood internal framing for support, fixing over prepared surfaces/openings, proper alignment, edge finishing, sanding, polishing/veneer/laminated or lacquered finish as specified, including all joinery work, adhesives, screws, anchors, accessories, labor, tools, scaffolding, transportation, loading/unloading and complete installation in all respects as approved by the Consultant/Architect.	1,512.00	Sft		
9	Providing, supplying, fabricating, and installing Deodar wood jharoka of approved traditional design, size, and profile, manufactured from seasoned Deodar wood, including carved panels, decorative brackets, side frames, canopy, balustrades, shutters/screens, and ornamental detailing as per approved architectural drawings, fixed with necessary wooden/MS supports and framing, including sanding, polishing, lacquer/PU finish, hardware, joinery work, cutting, alignment, accessories, labor, tools, scaffolding, transportation, loading/unloading and complete installation in all respects as approved by the Consultant/Architect.	1,185.75	Sft		
10	Disposal of surplus material, excavated stuff, dismantled material, debris, building rubbish, including loading/unloading, transporting from site to dumping yards. (Lead 10 Miles)	5,000.00	Cft		
11	Providing, fabricating and fixing 12 mm tempered glass sliding door in powder coated AA-6063 aluminum frame, including top/bottom tracks, rollers, handles, locks, stoppers, gaskets, silicone sealant and all necessary fittings, complete in all respects as per drawings and Consultant/Engineer's instructions.	1,029.75	Sft		
12	Providing, supplying and fixing 50 mm thick solid-core acoustic timber door shutter with acoustic insulation, approved veneer/laminate finish, hardwood/Deodar frame, complete with acoustic perimeter seals, automatic drop seal, heavy-duty hinges, lock, handle, door closer and all necessary hardware, including fixing, installation and finishing, complete in all respects as per approved drawings and specifications.	330.00	Sft		



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
13	Providing, supplying and fixing 6" x 6" Terracotta Jali of approved design and pattern, made from good quality fired clay, including cutting, laying/fixing in cement sand mortar 1:4, jointing, alignment, curing, cleaning and all labour, materials and accessories, complete in all respects as per approved drawings and Engineer's instructions.	1,633.50	Sft		
14	Providing, supplying and fixing 1 1/2" x 1 1/2" handmade glazed Kashi tiles of approved traditional blue colour, shade, pattern and quality, including adhesive/mortar, jointing, grouting, cutting, wastage, fixing, cleaning and all labour and accessories, complete as per approved drawings and Engineer's instructions.	2,000.00	Sft		
15	Providing, supplying, installing, testing and commissioning of complete passenger lift system including lift car/cabin, automatic landing and car doors, gearless traction machine, controller with VVVF drive, guide rails, counterweights, safety gear, governor, buffers, suspension ropes/belts, COP, LOPs, indicators, ARD, emergency alarm/light, intercom, travelling cables, wiring, all necessary accessories, testing, commissioning and all allied works complete in all respects.	2.00	Job		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
ELECTRIC WORK					
(NON SCHEDULE ITEMS)					
	The Contractor is referred to the specifications and drawings for all details related to the works and he is to include for complying with all the requirements contained therein, whether or not they are specifically mentioned within the items. All Tender documents (Drawings, Bill of quantities, Specifications) are integrated documents and complete each other. Workshop drawings and frames for approval before supply and installation (as per approved sample).				
1	LV-Switchgear				
	SUB MAIN DISTRIBUTION BOARDS				
1.1	Supply, installation, testing and commissioning of following Wall/Flush mounted Sub Main Distribution Board (SMDB) (Form-2b, Type-2) with incoming and outgoing circuit breakers and other components as per SLD with cable terminations, made with 16 SWG sheet steel metal housing powder coated with approved color (as per specifications), dust protected, vermin proof housing having all the necessary switching & protections, including Pull Boxes, all mounting accessories etc., as per specifications and drawings, complete in all respect.				
a	SMDB-CONF	1.00	No.		
b	SMDB-AUDI	1.00	No.		
c	SMDB-MU	1.00	No.		
d	SMDB-LIB	1.00	No.		
e	SMDB-RESTAURANT-01	1.00	No.		
f	SMDB-RESTAURANT-02	1.00	No.		
g	SMDB-VOC	1.00	No.		
h	SMDB-SM	1.00	No.		
i	SMDB-SH	1.00	No.		
	DISTRIBUTION BOARDS				
1.2	Supply, installation, testing and commissioning of following Wall/Flush mounted Distribution Boards (DB) (Form-2a) with incoming and outgoing circuit breakers and other components as per SLD with cable terminations, made with 16 SWG sheet steel metal housing powder coated with approved color (as per specifications), dust protected, vermin proof housing having all the necessary switching & protections, including Pull Boxes, all mounting accessories etc., as per specifications and drawings, complete in all respect.				
a	DB-CONF	2.00	No.		
b	DB-TL-01	1.00	No.		
a	DB-AUD-Lighting	1.00	No.		
b	DB-AUD-Power	1.00	No.		
c	DB-MU	1.00	No.		
f	DB-ADM	1.00	No.		
g	DB-VOC-Lighting	1.00	No.		
h	DB-VOC-Power	1.00	No.		
i	DB-LIB	1.00	No.		
j	DB-TL-02	1.00	No.		
k	DB-RESTAURANT-01	1.00	No.		
l	DB-TL-03	1.00	No.		
m	DB-SM-Typical	23.00	No.		
n	DB-RESTAURANT-02	1.00	No.		
o	DB-SH-Typical	27.00	No.		
p	DB-TL-04	1.00	No.		
q	DB-Pump	1.00	No.		
c	FP-HVAC-AUD-IP54	1.00	No.		
s	FP-HVAC-CONF-IP54	1.00	No.		
t	FP-HVAC-Rest1-IP54	1.00	No.		
u	FP-HVAC-Rest2-IP54	1.00	No.		
v	FP-HVAC-VOC-IP54	1.00	No.		
w	FP-HVAC-LIB-IP54	1.00	No.		
x	FP-HVAC-MU-IP54	1.00	No.		
y	FP-HVAC-SM-IP54	1.00	No.		
z	FP-HVAC-SH-IP54	1.00	No.		
2	LV CABLES AND WIRES				



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
	Supply, laying, termination, tagging, testing and commissioning of following size copper conductor multi core, Cu/PVC/PVC-unarmoured, 0.6 kV/1 kV voltage grade copper cable in already laid conduit / cable tray / trench including all accessories, lugs, cable gland etc. as per drawings and specifications, complete in all respect. Note: Contractor is advised to confirm the actual running length before commencement of work.				
2.1	4 Core, Cu. PVC/PVC Cable (600/1000V)				
a	4C-185 Sq.mm Cu. PVC/PVC + 1C-95 Sq.mm Cu. PVC/YG E.C.C	11.00	Rm.		
2.2	From SMDB's to DB's				
a	4C-6 Sq.mm Cu/PVC/PVC + 1C-4 Sq.mm Cu. PVC/YG E.C.C	20.00	Rm.		
b	4C-10 Sq.mm Cu/PVC/PVC + 1C-6 Sq.mm Cu. PVC/YG E.C.C	24.00	Rm.		
c	4C-25 Sq.mm Cu/PVC/PVC + 1C-16 Sq.mm Cu. PVC/YG E.C.C	40.00	Rm.		
d	4C-35 Sq.mm Cu/PVC/PVC + 1C-16 Sq.mm Cu. PVC/YG E.C.C	80.00	Rm.		
e	4C-50 Sq.mm Cu/PVC/PVC + 1C-25 Sq.mm Cu. PVC/YG E.C.C	80.00	Rm.		
f	4C-70 Sq.mm Cu/PVC/PVC + 1C-35 Sq.mm Cu. PVC/YG E.C.C	35.00	Rm.		
g	4C-95 Sq.mm Cu/PVC/PVC + 1C-50 Sq.mm Cu. PVC/YG E.C.C	20.00	Rm.		
	Total Amount of Section LV Cables and Wires Equipments				
3	CABLE CONTAINMENT				
	CONDUITS & PIPES				
3.1	Supply and laying of following size (inner dia) FVC Conduit / uPVC Class-D/E Pipe / Flexible PVC Conduit / GI Pipe as raceways for Power & ELV cables, recessed / surface on wall / ceiling / column / under floor etc., including all accessories, as per drawings and specification etc., complete in all respect.				
a	150 mm dia uPVC Pipe (Class-D)	30.00	Rm.		
b	100 mm dia uPVC Pipe (Class-D)	40.00	Rm.		
c	50 mm dia uPVC Pipe (Class-D)	10.00	Rm.		
d	38 mm dia uPVC Pipe (Class-D)	20.00	Rm.		
	CABLE TRAYS				
3.2	Supply, fabricating, erecting, fixing and installing of following size of base perforated Powder coated (Black color) Cable Tray with cover for Power & ELV Cables, fabricated with 14/16 SWG MS Sheet Steel including all installation accessories (ensure 80um microns) such as appropriate sizes and lengths of MS Rod / Angle / Iron Supports and Rawl Bolts, including cutting, welding, jointing and necessary required hardware etc. Complete in all respect as shown in drawings and specification or as directed by the Engineer. Note: Contractor must provide cable tray base for roof cable trays, as per drawings and details.				
a	300 mm x 50 mm	10.00	Rm.		
b	150 mm x 50 mm	15.00	Rm.		
c	Earthing Bonded Wire, 6 Sq.mm Flexible Copper Wire with Lugs etc. for Upto 100mm Cable Tray, Earthing Bonded wire 16 Sq.mm Flexible Copper Wire with Lugs etc. for 150mm to 450mm Cable Tray, Complete in all respects.	1.00	Job		
	PULL BOXES				
3.3	Supply and installation of following size MS Powder coated Pull Boxes with all installation accessories, as per specifications, drawings and approved brands, complete in all respect.				
a	300 mm x 100 mm	3.00	No.		
b	200 mm x 100 mm	7.00	No.		
c	100 mm x 100 mm	7.00	No.		
d	100 mm x 50 mm	7.00	No.		
4	WIRING ACCESSORIES				
	SWITCHES & SOCKETS				
4.1	Supply, installation, testing and commissioning of following 10/13/15/20A, gang type switches, Dimmer Switches, Sockets (excluding back boxes), recessed in wall / column / ceiling / floor, finishes to be as per specifications and ID requirements, with all accessories, complete in all respects. Note: Approved brands for Switch & Socket are as follows: • Clipsal, Schneider Electric (Pano Series) • M.K (Wide Rocker Series) • BG (Evolve Series)				
a	Two Gang Switch 10A	13.00	No.		
b	Three Gang Switch 10A	27.00	No.		
c	Four Gang Switch 10A	90.00	No.		
a	Two Gang Switch 10A	4.00	No.		
b	Three Gang Switch 10A	4.00	No.		
f	Four Gang Switch 10A	5.00	No.		
g	13A, International / Universal Switch Socket Outlet	7.00	No.		
h	15A, 3-Pin Switch Socket Outlet	9.00	No.		
	Four Gang Switch 10A	3.00	No.		
	13A, International / Universal Switch Socket Outlet	10.00	No.		
	15A, 3-Pin Switch Socket Outlet	5.00	No.		
	16A, SP Industrial Socket	1.00	No.		
	32A, 3-Pin Industrial Socket	1.00	No.		
	20A DP AC Switch	1.00	No.		
	FLOOR BOXES				
4.2	Supply, installation, testing and commissioning of Floor Box (imported), 14 SWG Sheet Steel with all accessories, as per drawings, specifications and site requirements, complete in all respect. Note: Excluded of all Sockets and Face plates.	14.00	No.		
	ISOLATORS				
4.3	Supply, installation, testing and commissioning of following Isolators in 16 SWG sheet steel enclosure with neutral and earth terminal strips, including all mounting accessories as per specifications and drawings, complete in all respect.				



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SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
a	32A, TPN Weatherproof type Isolator	3.00	No.		
b	20A, SPN Weatherproof type Isolator	1.00	No.		
c	20A, TPN Weatherproof type Isolator	18.00	No.		
	Total Amount of Section: Wiring and Accessories				
5	LIGHT FIXTURES & FANS				
	LIGHT FIXTURES				
3.1	Supply, installation, testing and commissioning of following Light Fixtures complete with starters, Electronic ballast (mention otherwise), lamps, drivers, mounting accessories etc., complete in all respects. Lighting fixtures Sample must be submitted to consultant for approval. (For complete detail references of Light Fixtures, please refer to Light Fixture Schedules)				
a	Ceiling mounted LED Batten Light Fixture (IP-20) with Aluminum Housing and 40W LED lamp	93.00	No.		
b	Suspended mounted LED Batten Light Fixture (IP-20) with Aluminum Housing and 40W LED lamp	37.00	No.		
c	Wall mounted LED Batten Light Fixture (IP-20) with Aluminum Housing and 40W LED lamp	17.00	No.		
d	Ceiling Recessed mounted LED Panel Light Fixture (IP-20) with Aluminum Housing and 40W LED lamp	37.00	No.		
a	Ceiling Recessed mounted LED Downlight Fixture (IP-20) with Aluminum / Die Cast Housing, Glass cover and 14W LED lamp	10.00	No.		
b	Ceiling Recessed mounted LED Downlight Fixture (IP-20) with Aluminum / Die Cast Housing, Glass cover and 20W LED lamp	50.00	No.		
c	Ceiling Recessed mounted LED Downlight Fixture (IP-20) with Aluminum / Die Cast Housing, Glass cover and 30W LED lamp	75.00	No.		
d	Surface mounted LED Track Light Fixture (IP-20) with Aluminum Housing and 15W LED lamp	7.00	No.		
e	Surface mounted LED Mirror Light Fixture (IP-20) with Aluminum Housing and 15W LED lamp	2.00	No.		
f	Surface mounted LED Strip Light, 14.4 W/m (or 15W/m), 3000K Warm White, complete with aluminum profile & driver	160.00	Rm.		
n	Suspended Spot Light Fixture (IP-20) with Aluminum / Die Cast Housing, Glass cover, 30W LED lamp and suspension structure/truss mounting arrangement	10.00	No.		
o	Ceiling Fan, 56" sweep, complete with regulator and mounting accessories	55.00	No.		
p	10W Dual Head Emergency Light	3.00	No.		
g	6W Exit Light with direction sign as per drawing	3.00	No.		
r	6W Exit Light without direction	35.00	No.		
6	WIRING & CABLING FOR LIGHTS, FANS, SOCKETS & HVAC				
	LIGHT WIRING				
6.1	Supply, laying, tagging, testing and commissioning of Circuit wiring from DB to Switchboard including wiring between switch on the same circuit with 2x2.5 Sq.mm Cu/PVC + 1x2.5 Sq.mm Cu/PVC as ECC single core wires in 25mm dia PVC conduit surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawing and specification, complete in all respect.	50.00	No.		
6.2	Supply, laying, tagging, testing and commissioning of Point wiring for light/fan point from Switch Board to Light/fan Point with 3x1.5 Sq.mm Cu/PVC single core wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawing and specification, complete in all respect.	250.00	No.		
6.3	Supply, laying, tagging, testing and commissioning of Point wiring from Light/fan point to Light/fan point with 3x2.5 Sq.mm Cu/PVC single core wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawing and specification, complete in all respect.	300.00	No.		
	EMERGENCY / EXIT LIGHT WIRING				
6.4	Supply, laying, tagging, testing and commissioning of Circuit wiring for Emergency / Exit Lights from DB to 1st. light point with 2.5 Sq.mm Cu/PVC + 1.5 Sq.mm Cu/PVC as ECC single core wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawings and specifications, complete in all respect.	14.00	No.		
6.5	Supply, laying, tagging, testing and commissioning of Point wiring for Emergency / Exit Lights from Light Point to Light Point with 2.5 Sq.mm Cu/PVC single core wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawings and specifications, complete in all respect.	20.00	No.		
	POWER WIRING				
6.6	Supply, laying, tagging, testing and commissioning of wiring for 15A / 13A Socket outlet (near by to DB) with 2x4 Sq.mm Cu/PVC + 1x4 Sq.mm Cu/PVC as ECC single core wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling, under floor etc. including with all conduit accessories, as per drawing and specification, complete in all respect.				
a	DB to Socket outlet	60.00	No.		
b	Socket to Socket outlet	100.00	No.		
	HVAC CABLING				
6.7	Supply, laying, termination, tagging, testing and commissioning of following size copper conductor multi core, Cu/PVC/PVC-unarmoured, 0.6 kV/1 kV voltage grade copper cable in already laid conduit / cable tray / trench including all accessories, lugs, cable gland etc. as per drawings and specifications, complete in all respect. Note: Contractor is advised to confirm the actual running length before commencement of work.				
a	4C-35 Sq.mm Cu. PVC/PVC + 1C-16 Sq.mm Cu. PVC/YG E.C.C	60.00	Rm.		
b	4C-25 Sq.mm Cu. PVC/PVC + 1C-16 Sq.mm Cu. PVC/YG E.C.C	70.00	Rm.		
c	4C-16 Sq.mm Cu. PVC/PVC + 1C-10 Sq.mm Cu. PVC/YG E.C.C	40.00	Rm.		
d	4C-6 Sq.mm Cu. PVC/PVC + 1C-4 Sq.mm Cu. PVC/YG E.C.C	100.00	Rm.		
e	4C-4 Sq.mm Cu. PVC/PVC + 1C-2.5 Sq.mm Cu. PVC/YG E.C.C	120.00	Rm.		
7	UPS SYSTEM				



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SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
7.1	Supply, installation, testing and commissioning of True Online Double Conversion UPS rating 10 kVA, 400V input voltage, 3 Phase in, 3 Phase out, input power factor > 0.99 at full load and rated voltage, with 10 minutes battery backup, including batteries, related DC cables from UPS to batteries, external Bypass, lifting, placement and all accessories as per specifications and drawings, complete in all respect.	1.00	No.		
8	VOICE, DATA COMMUNICATION & CCTV CABLING SYSTEMS (Passive Equipment Only)				
	Supply, installation, testing and commissioning of following Data / Voice Items, as per the single line diagram and specification, complete in all respect.				
8.1	Supply, installation, testing and commissioning of following Data / Voice Cabinets for patch panel, Fiber panels, adapter, PDU's, Fans and space for active switches as it may require to accommodate complete the entire passive and active network as per the single line diagram drawing and specification, complete in all respect.				
a	42U IT Rack 800X600mm with 2 Nos. of PDU's and Exhaust Fans	2.00	No.		
8.2	Supply, laying, termination, testing and commissioning of CAT 6 - 4 pair cable for Data, Voice, Camera & Wifi in 25mm dia PVC conduit, concealed / surface, recessed in wall, column, ceiling, under floor etc. from each outlet to IT rack, including tagging and piping with all necessary accessories, complete in all respect.	150.00	No.		
8.3	Supply, installation, testing and commissioning of Single RJ-45, Cat-6 outlet for Voice with I/O - shutter type including tagging, as per drawing and specification, complete in all respect.	18.00	No.		
8.4	Supply, installation, testing and commissioning of Single RJ-45, Cat-6 outlet for Data with I/O - shutter type including tagging, as per drawing and specification, complete in all respect.	25.00	No.		
8.5	Supply, installation, testing and commissioning of Dual RJ-45, Cat-6 Outlet for Voice and Data with I/O - shutter type including tagging, as per drawing and specification, complete in all respect.	15.00	No.		
8.6	Supply, installation, testing and commissioning of 24 port shutter type Cat 6, RJ 45 UTP Patch Panel fully loaded with tool less jacks and rear cable manager, as per drawing and specification, complete in all respect.	8.00	No.		
8.7	Supply, installation, testing and commissioning of 24 port Single Mode Fiber Patch Panel fully loaded with patchails etc., and rear cable manager, as per drawing and specification, complete in all respect.	2.00	No.		
8.8	Supply, installation, testing and commissioning of 19" front/rear (as required) cable organizer between patch panels and active equipment to provide patch cable management including with all necessary accessories, as per drawing and specification, complete in all respect.	7.00	No.		
8.9	Supply, installation, testing and commissioning of CAT-6 UTP (RJ-45 to RJ-45) for the above Patch Panels including with all necessary accessories, as per drawing and specification, complete in all respect. (As per required quantity)				
a	CAT-6 (1m) Long Patch Cord	175.00	No.		
b	CAT-6 (3m) Long Patch Cord	30.00	No.		
8.10	Supply, installation, testing and commissioning of Fiber Optic Patch Cords certified of specified color at both ends for communication with SC/LC/APC connector. (As per requirement depends on active part)				
a	3m Long Patch Cord	8.00	No.		
8.11	Supply, laying, termination, testing and commissioning of 8C-9/125µm Single Mode Fiber Optic Incoming Cable to 42U Rack in already installed cable tray, as shown in drawings including termination and tagging at both ends, as per standard specifications with all termination accessories up to entire satisfaction of IT Engineer. Note: Contractor is advised to confirm the cable running length before commencement of work and termination as per site requirements.	1.00	No.		
8.12	Supply, laying, termination, testing and commissioning of 8C 9/125µm Multi Mode Fiber Optic Cable from 42U Rack to IT rack in IT room in already installed cable tray, as shown in drawings including termination and tagging at both ends, as per standard specifications with all termination accessories up to entire satisfaction of IT Engineer.	5.00	No.		
8.13	Programming, testing and commissioning by Manufacturer Authorized Agent / Dealer and handing over complete Voice & Data System to Owner with Providing Training, Fluke & OTDR Testing, as build drawing, Rack layouts and certification's Principal, complete equipment's Manual and Warranty Documents to Owners representative.	1.00	Job		
9	PUBLIC ADDRESS / VOICE EVACUATION SYSTEM				
	Supply, installation, testing and commissioning of following items for Public Address / Voice Evacuation & Background Music System, described below including all accessories, mounting brackets, installation accessories, wiring etc. as per drawings and specifications, complete in all respect.				
9.1	Supply, installation, testing and commissioning of following type Speakers of Architect Approved color, with all mounting and installation accessories, steel wire and holding arrangements, as per drawing and specification, complete in all respects.				
a	6W Ceiling mounted Speakers with fire dome and Tapping Transformers (1,1.5,3,4,5,6W), EN54 Compliant.	8.00	No.		
b	30W Wall Mounted Speakers with volume control/tapping transformer, Architect-Approved color, EN54 Compliant	5.00	No.		
10	VIDEO CONFERENCING SYSTEM				
	Supply, installation, testing and commissioning of following items for Audio Visual System, described below including all accessories. Complete with all installation accessories, wiring etc. as per drawings and specifications, complete in all respect. Note: System will be finalized as per Client's requirements and subject to the submittal approval.				
10.1	Supply, installation, tagging, testing and commissioning of IP based PTZ 18X 2MP Pendant Dome HD Camera with SDI, IP-65 housing. Complete with Joystick Box for Power Supply and hanging camera with bracket and all fixing accessories, as per specification and drawings. Complete in all respects.	1.00	No.		



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SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
10.2	Supply, installation, tagging, testing and commissioning of HDMI, Ethernet, 3G SDI and USB simultaneous output with AI Auto-Tracking Camera, all fixing accessories etc., as per specification and drawings. Complete in all respects.	1.00	No.		
10.3	Supply, installation, testing and commissioning of motorized Screen (13' x 7.6"), matt finish wall mounted or (100 inch Diagonal) including all required accessories, as per drawings and specifications, complete in all respect.	1.00	No.		
10.4	Supply, installation, testing and commissioning of Ceiling Mounted High Lumens Projector (specify lumens as per hall size and ambient light), suitable for 100" screen, including mounting bracket, as per drawing and specification, complete in all respects.	1.00	No.		
10.5	Testing and commissioning, Programming by Manufacturer Authorized Agent / Dealer and handing over complete AV System to Owner with providing training, SOP, complete equipment's manual and warranty documents to Owners representative.	1.00	Job		
11	CCTV SYSTEM				
	Supply, installation, tagging, testing and commissioning of following items for CCTV System complete with power cord, interconnecting cables, mounting brackets and other all fixing accessories, as per the single line diagram and specification, complete in all respect.				
11.1	Supply, installation, tagging, testing and commissioning of 2 MP IP based Dome camera (Professional Series) with 1/2.8" CMOS 3.3 to 12mm varifocal lens, power adapter, complete in all respect with fixing accessories, as per drawing and specifications, complete in all respect.	2.00	No.		
11.2	Supply, installation, tagging, testing and commissioning of 2 MP IP based Dome camera (Professional Series), Weatherproof (IP66), with 1/2.8" CMOS 3.3 to 12mm varifocal lens, power adapter, complete in all respect with fixing accessories, as per drawing and specifications, complete in all respect.	25.00	No.		
11.3	Supply, installation, tagging, testing and commissioning of 4 MP IP based PTZ camera (Professional Series) with 30x Zoom, Weatherproof (IP66), with 1/2.8" CMOS 3.3 to 12mm varifocal lens, power adapter, complete in all respect with fixing accessories, as per drawing and specifications, complete in all respect.	1.00	No.		
11.4	Supply, installation, tagging, testing and commissioning of 32 Channel NVR with RAID 1+0 configuration based, built-in VMS built-in 4TB HDD for 24/7 recording with integral access slots for HDD suspension bays required for 30 days storage capability, Server & client Licenses, as per drawing and specifications, complete in all respect.	1.00	No.		
11.5	Supply, installation, testing and commissioning of 55" LED Screen, including all mounting accessories etc., as per drawing and specifications, complete in all respect.	2.00	No.		
11.6	Supply, installation, testing and commissioning of Core i7 Work Station, 6/7th Generation, complete with Dual VGA Card & Licensed windows 10, as per drawing and specifications, complete in all respect.	1.00	No.		
11.7	Programming, testing and commissioning by Manufacturer Authorized Agent / Dealer and handing over complete CCTV System to Owner with providing training, SOP, complete equipment's manual and warranty documents to owners representative.	1.00	Job		
12	ADDRESSABLE FIRE ALARM SYSTEM				
	Supply, installation, testing and commissioning of following items for Addressable Fire Alarm System, described below including all accessories, as per the single line diagram and specification, complete in all respect.				
12.1	Supply, laying, termination, tagging, testing and commissioning of wiring for complete Fire Alarm System with 2C 1.5 Sq.mm shielded, twisted pair Fire Resistant Cable (2 hrs. rated) in 25mm dia PVC conduit, (M.S conduit for surface) etc., including any wiring between fire alarm control panel and other's systems control panel's etc. as per drawing and specification. Complete in all respect.	1,200.00	Rm.		
12.2	Supply, installation, testing and commissioning of Addressable Photoelectric Smoke Detector with base and back box, as per drawing and specification, complete in all respect.	16.00	No.		
12.3	Supply, installation, testing and commissioning of Addressable Heat Detector with base and back box, as per drawing and specification, complete in all respect.	1.00	No.		
12.4	Supply, installation, testing and commissioning of Addressable Manual Pull Station / Call Point with base and back box, as per drawing and specification, complete in all respect.	2.00	No.		
		SUB-TOTAL		=	
PLUMBING WORK					
(i) (SCHEDULE ITEMS)					
1	Providing, Laying Upvc pipes of Class'D' fixing in trench i/c cutting, fitting and jointing with solvent cement i/c. (S.I No 6 (b) & (h) / P.No 112).				
a	4" Dia UPVC	300.00	P.Rft	660.78	198,234.00
b	6" Dia UPVC	250.00	P.Rft	1,391.07	347,767.50
		SUB-TOTAL OF SCHEDULE ITEMS		=	546,001.50
		ADD ABOVE/BELOW ON SCHEDULE ITEMS			
		SUB-TOTAL WITH PREMIUM		=	
PLUMBING WORK (NON SCHEDULE ITEMS)					
1	Supplying & fixing earthen ware European commode set (porta/USA make) coupled with flush tank & seat cover complete with internal fittings, fixtures, clamps, necessary lead connection and making requisite No of holes in wall plinth or floor for pipe connection & making good in CC 1:2:4 as directed by the Engineer Incharge.	4.00	Each		
2	P/F white / coloured glazed earthen ware wash basin of 24" x 18" size (Porta / USA make) with pedestal in/c necessary lead connection C.P waste waste pipe in/c making requisite number of holes in wall plinth or floor for pipe connection & making good in CC 1:2:4 as per instruction of Engineer Incharge	5.00	Each		
3	P/F sanitary fitting chrome plated heavy gauge of approved quality (Porta or equivalent make) fitted with completed accessories as directed by the Engineer Incharge. Sink Basin Mixture	4.00	Each		
4	Supply and fixing CP or powder coated heavy gauge of approved quality fitted with complete accessories Basin Mixture of head 1/2" dia.	4.00	Each		



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SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
5	Providing / Fixing Sanitary Fixture chrome plated or powdered coated, heavy gauge with crystal head prime quality Master or equivalent make, fitted with complete accessories as directed by Engineer Incharge Stop Cock / Tee Cock	5.00	Each		
6	Supplying and fixing a Long Dib-Cock with crystal head and C.P. head, 1/2" dia, complete with all necessary connections and fittings, as per specifications and the directions of the Engineer Incharge.	5.00	Each		
7	S/F bath room accessories set (Sonex make) Superior material (7 pieces) i/c soap dish, looking mirror shelf tray, towel rail, paper holder etc complete	5.00	Each		
8	Supplying and fixing C.P. Muslim shower with crystal head, double bib cock, and ring pipe, including all necessary fittings and connections, complete in all respects as per specifications and the directions of the Engineer Incharge.	4.00	Each		
9	Supply and installation of floor waste (drain) made of high - quality material, complete with removable grating, trap, and necessary accessories for efficient drainage. Properly fixed in floor with slope for smooth water flow, sealed to prevent leakage, and in accordance with provided specifications.	8.00	Each		
10	Supplying and fixing a superior quality wash basin mixer with C.P. head, 1/2" dia, including all necessary connections and fittings, complete in all respects as per specifications and the directions of the Engineer Incharge.	5.00	Each		
11	Providing & fixing 24"x18" bevelled mirror of Belgium glass complete with 1/8" thick hard board and C.P. screws fixed to wooden plait. (a) Standard Pattern.	5.00	Each		
12	P/F Exhaust fan 10" plastic body/Metal body i/c imported GFC make or equivalent qty necessary electric connection etc complete	6.00	Each		
13	Supplying and fixing in position Bath Shower standard pattern complete in all respect C.P head 1/2" dia.	2.00	Each		
14	Providing and fixing nylon connections (Master Chrome tube or chain) of approved quality, complete in accordance with specifications and as directed by the Engineer Incharge.	18.00	Each		
15	Construction of Manhole i/c excavation, 1:4:8 block masonry 5" thick plastering outside inside i/c RCC manhole cover with angle iron framing size 1-1/2" x 1-1/2" x 1/4" GI sheet 12mm thick and Using steel solid bars 1/2" dia for supply 4" c/c and fixing curing and finishing etc complete	5.00	Each		
16	Providing & fixing P.P.R pipe dia i/c cutting making jointing with switch pest with special approved quality i/c all cost of labour etc complete.				
a	1/2" Dia PPR Pipe	200.00	P.Rft		
b	3/4" Dia PPR Pipe	150.00	P.Rft		
c	1" Dia PPR Pipe	250.00	P.Rft		
d	2" Dia PPR Pipe	250.00	P.Rft		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
HVAC WORK (NON SCHEDULE ITEMS)					
1	Supply and installation of SCH-40 pipes & fittings with 3/8" thick expanded rubber foam insulation, PVC tape wrapping for condensate drain including support & hangers, excavation, cutting, chiseling and making good complete in all respects ready to operate as per specification, drawings and as per instruction of consultant.				
	G.I make medium quality for external area				
i.	1" dia	2.00	Rft		
ii.	1.25" dia	75.00	Rft		
iii.	1.5" dia	2.00	Rft		
iv.	2" dia	2.00	Rft		
2	Supply and installation of uPVC make class D SCH-40 pipes & fittings for kitchen & toilet exhaust, including support hangers, excavation, cutting, chiseling and making good complete in all respects ready to operate as per specification, drawings and as per instruction of consultant.				
i.	6" Dia	40.00	Rft		
3	Supply, installation, testing and commissioning of ventilation fans as per mentioned in schedule, including supply & installation of vibration isolator, flexible duct connection / connector, support & hangers, power wiring from isolation box to unit (10' to 15' radius) etc, complete in all respects ready to operate as per drawings, specification and as per instruction of consultant.				
i.	GF EAF-01	3.00	Nos.		
4	Supply, installation, testing and commissioning of smoke extraction fans with control panels as per mentioned in schedule, including primary and fire rated secondary/emergency supply & installation of vibration isolator, flexible duct connection / connector, support & hangers, power wiring from isolation box to unit (10' to 15' radius) etc, complete in all respects ready to operate as per drawings, specification and as per instruction of consultant.				
i.	RF-EAF-05	3.00	Nos.		
ii.	RF-PAF-05	1.00	Nos.		
5	Supply, installation kitchen turbo hood complete in all respects, ready to operate with supply & fixing of all accessories, including supports, hangers, flexible rubber duct connection, power wiring from isolation box to unit (10' to 15' radius) etc, complete in all respects ready to operate as per schedule, specification, drawings and as per instruction of consultant.				
i.	KH-01	2.00	Nos.		
6	Supply, fabrication and installation of machine made G.I sheet metal duct (Z-275 galvanized) different sections supply, return, fresh & exhaust air including plenums, splitter dampers, guide vanes, flexible duct connector/connection, access door, transformation, plenums chambers, wooden frame, anchors supports & hangers complete in all respects ready to operate as per drawings, specification, instruction of consultant.	8,000.00	Sqft		
7	Supply & installation of 3/4" thick adhesive rubber foam (XLPE) insulation with aluminum foil facing over internal area duct, complete in all respects ready to operate as per specification, drawings and as per instruction of consultant.	4,000.00	Sqft		
8	Supply & installation of 2" thick Pre Formed Polyurethane insulation (Bituminous Kraft Paper Facing, 50 kg/m3 density for external area duct, complete in all respects ready to operate as per drawings, specification, instruction of consultant.	3,500.00	Sqft		



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
9	Supply, fabrication and installation of 26 SWG gauge G.I. cladding for external area ducting etc. complete in all respects ready to operate as per drawings, specification, instruction of consultant.	3,000.00	Sqft		
10	Supply & installation of acoustical duct sound liner rubberfoam adhesive 1/2" thick in supply air duct complete in all respects ready to operate as per specification, drawings and as per instruction of consultant.	1,000.00	Sqft		
11	Supply & installation of aluminum fabricated powder coated exhaust & fresh Air louvers including wooden frame, rain protection sheet bird mesh etc complete in all respects ready to operate as per specification, drawings and as per instruction of consultant.				
i.	Louvers	11,000.00	Sqin		
ii.	6" Dia	4.00	Nos.		
12	Supply, installation of Aluminum fabricated, powder coated Grills, Diffusers and Registers for supply air, return air, exhaust air & fresh air of different sizes (Grade A), wooden frame, supports and other accessories etc. complete in all respects ready to operate as per specification, drawings and as per instruction of Consultant.				
i.	S.S Mesh with G.I. Frame	8,000.00	Sqin		
ii.	Swirl Diffuser with Damper				
	20" dia	40.00	Nos.		
v.	Linear Bar Grill 4,000 Series				
	4" Width	160.00	Rft		
13	Supply & installation of Volume Control Damper in 16 SWG G.I. sheet metal with gas kits, nut bolts, complete in all respects ready to operate as per specification, drawings and as per instruction of Consultant.	800.00	Sqin		
14	Supply and installation of Back Draft Damper in MS Sheet with gas kits, nut bolts, complete in all respects ready to operate as per specification, drawings & as per instruction of Consultant.	1,200.00	Sqin		
15	Supply and installation of Fire Damper with linkage & fuse complete in all respects ready to operate as per specification, drawings & as per instruction of Consultant.	800.00	Sqin		
16	Supply & installation of Motorized Damper with gas kits, nut bolts, including pressure transmitter, controller, control wiring & power wiring, complete in all respects, ready to operate as per specification, drawings & as per instruction of Consultant.	4,000.00	Sqin		
17	Operations and Maintenance (O&M) services for a period of 12 months (after DLP period), including regular maintenance, inspections, troubleshooting, and repairs.	1.00	Job.		
18	Painting & Identification work on supports, hangers, platform of condensing units etc complete in all respects with one coat of ICI make Red lead oxide primer & two coats of ICI make enamel paint complete in all respects ready to operate as per drawings, specification, instruction and approval of Consultant.	1.00	Lot		
19	Testing, balancing and commissioning of air side of the system (from independent agency) complete in all respects including air measurement & balancing, temp. pressure & electrical data of related equipment etc. complete in all respects ready to operate as per specification, drawings and as per instruction of Consultant.	1.00	Job.		
20	Making of Shop drawings on Auto CAD latest version with section details, equipment foundation details and Making of As Built drawings, Documentation Technical / Operational Manual & LOG Book for each equipment complete in all respects ready to operate as per specification, drawings and as per instruction of Consultant.	1.00	Job.		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
FIRE SUPPRESSION SERVICES (NON SCHEDULE ITEMS)					
	Supply, installation, testing & commissioning of fire suppression services including all equipment, pipe works and accessories ready to operate as per specifications, drawings and instructions of Consultants.				
1	Fire hose cabinet double height 32" x 60" x 14", stainless steel front, powder coated back including 1" dia x 100 Rft. rubber hose reel, nozzle guide, lock shield valve, pressure regulating valve, automatic 180 deg. swing type, with 2-1/2" dia size landing valve, and 2-fire extinguishers as shown on drawing.				
i.	Type FHC-1V	4.00	Nos.		
2	MS Sch-40 seamless pipes including all specials M.I. & D.I. threaded & welded joint fittings UL listed FM approved, flexible pipe, flanges, coupling, masking plates, bends, tees, clamps, connector/ adaptor, supports and hangers, sleeves, masking plates chiseling, cutting holes, making good where required, painting and protection treatment etc. Complete in all respects.				
i.	Dia. 1" (Threaded fitting)	800.00	Rft.		
ii.	Dia. 1 1/4" (Threaded fitting)	250.00	Rft.		
iii.	Dia. 1-1/2" (Threaded fitting)	610.00	Rft.		
iv.	Dia. 2" (Threaded fitting)	290.00	Rft.		
v.	Dia. 2-1/2" (Welded joints fitting)	100.00	Rft.		
vi.	Dia. 3" (Welded joints fitting)	50.00	Rft.		
vii.	Dia. 4" (Welded joints fitting)	210.00	Rft.		
3	Polyethylene (HDPE) PN-16 (SDR-11) pipes with thrust block and molded fittings with butt fusion joint along with all type of tees, bends, elbows, sockets, flanges, clamps, connector/ adaptor, making holes, making good, excavation, dewatering bedding with sand, backfilling as required complete in all respect.				
i.	Dia OD 100 mm	30.00	Rft.		
4	Fire extinguishers with fixing accessories.				
i.	Type Class B&C FX-3 (5 Kg. CO2 Carbon Dioxide Gas)	7.00	Nos.		
ii.	Type Class A,B&C FX-4 (5 Kg. Dry Chemical Powder)	7.00	Nos.		
5	Sprinkler Heads				
i.	Sprinkler Pendant type Concealed with cover plate quick response K = 5.6 (Opening Temperature 57°C)	110.00	Nos.		
6	Supply & installation of seismic hanger & support including bolts, rods, clamps, Concrete fasteners etc. complete in all respects as per specification, drawings & as per instruction of Consultant.	1.00	Job.		



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

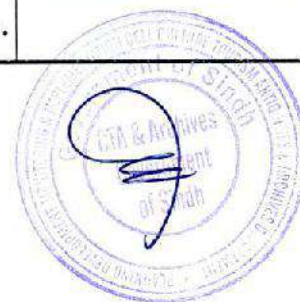
SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
7	Supply & installation of fire stop material (for passive fire fighting / smoke barrier) in all MEP openings and penetrations, either in slab or wall, complete in all respects, ready to operate as per fire stopper recommended material, and as per instruction of Consultant.	1.00	Job.		
8	Operations and Maintenance (O&M) services for a period of 12 months (after DLP period), including regular maintenance, inspections, troubleshooting, and repairs	1.00	Job.		
9	Painting, identification and tagging to the installations and equipments.	1.00	Job.		
10	Flushing of entire fire pipe work according to (NFPA-13).	1.00	Job.		
11	Testing, and commissioning of entire fire fighting installation as per Consultant's approval.	1.00	Job.		
12	Making of As-Built & Shop Drawings on latest with sectional details complete in all respects as per instructions of Consultant.	1.00	Job.		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
GRAND TOTAL				=	



GENERAL ABSTRACT

NAME OF WORK:- CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

S #	NAME OF COMPONENTS	AMOUNT	
	02 - LIBRARY		
A	CIVIL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
B	ELECTRICAL WORK		
i	NON-SCHEDULE ITEMS	Rs.	
D	FIRE SUPPRESSION SERVICES		
ii	NON-SCHEDULE ITEMS	Rs.	
	SUB-TOTAL	Rs.	



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
02 - LIBRARY					
CIVIL WORK (SCHEDULE ITEMS)					
01.	Clearing and grubbing the site by cutting, uprooting and removing all rubbish and shrubs including disposal to [outside limits] designated places. (HW/1 Pg. No. 211)	7,800.00	Sft	2.88	22,464.00
02.	Dismantling of cement concrete plain 1:2:4 etc Plain. (C-2/ 19(c) Pg. No. 20)	375.00	Cft	133.08	49,905.00
03.	Dismantling of cement concrete plain 1:2:4 etc Plain. (C-2/ 20 Pg. No. 20)	86.37	Cft	229.72	19,840.92
04.	Earth for slush or Daldal including dewatering. (C-1/15 Pg. No. 17)	15,600.00	Cft	9.51	148,356.00
05.	Excavation in foundation of Building Bridges and other structures including degbelling dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. (b) In Ordinary Soil Upto 5 ft. depth. within 50 ft. (C-1/18b & c Pg. No.17)	23,800.00	P.Cft	11.88	282,744.00
06.	Filling watering and ramming earth under floor with new earth (Excavated from outside) lead upto one chain and lift upto 5feet C-1/22 Pg. No. 17.	11,700.00	P.Cft	47.02	550,134.00
07.	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an over all pre construction treatment in slab type construction under the slab and along attached perches or entrances etc. complete as per directions of Engineer Incharge. (S.I 92A Pg. No. 84)	5,825.00	P.Sft	11.46	66,754.50
08.	Random, rubble masonry (uncoursed) foundation & Plinth. (i) Dry Masonry (S.I No. C-6/1(i) / P-35)	7,015.00	P.Cft	114.07	800,201.05
09.	Cement concrete plain including placing compacting,finishing and curing complete (including screening and washing at stone aggregate without shuttering CC 1:4:8 (S.I No. 5-I / P-24)	1,966.70	P.Cft	348.83	686,043.96
10.	Placing, compacting, finishing and curing of concrete using ordinary Portland Cement/ Sulphate resistant cement / Slag cement as may be required: including screening, washing of aggregates and mixing of constituents using batching plant, transportation by transit mixer, pouring with pump in the required portion to achieve a cylindrical strength in the field as per ACI 214, with the specified consistency i/c the cost of shuttering, compaction with compactor, excluding the cost of admixture, as approved and directed by the Engineer Incharge.				
iii)	Ratio 3000 PSI (C-18/ 98(iii) Pg.No.85)	16,306.94	P.Cft	805.57	13,136,381.66
iv)	Ratio 4000 PSI (C-18/ 98(iv) Pg.No.85)	1,649.52	P.Cft	900.31	1,485,079.35
11.	Fabrication of deformed steel reinforcement for cement concrete including cutting, bending.	1,061.81	P.Cwt	18,934.02	20,104,331.78
12.	Fabrication of heavy steel work with angles, tees, flat iron, round iron and sheet iron for making trusses, girders, tanks, M.S Stair Railing etc. including cutting, tanks etc. including cutting, drilling riveting, handling assembling and fixing but excluding erection in position.	88.58	P.Cwt	20,366.45	1,804,060.14
13.	Filling, watering and ramming earth in floors with surplus earth from foundation etc. lead up to one chain and lift up to 5 feet. (C.1 Item 21 Page 4)	11,700.00	P.Cft	6.50	76,050.00
14.	Erection and removal of centering for R.C.C or plain cement concrete works of Partial wood Vertical Floor. (S.I C-4/19(b) Pg.#27	4,370.68	P.Sft	220.36	963,123.04
15.	Cement concrete plain 1:3:6 i/c placing compacting, finishing and curing, complete including screening and washing at stone aggregate without shuttering. (S.I.No 5-h / P-24)	2,089.25	P.Cft	388.76	812,216.83
16.	Faccia brick work in ground floor in (including striking of joints)(c) Cement sand mortar. 1:4	5,972.88	P.Cft	397.85	2,376,310.31
17.	First Floor.	3,053.66	P.Cft	411.08	1,255,298.55
18.	Cement plaster 1:4 upto 12' height 3/4" thick. (S.I. No. 11(c)/52)	13,779.47	P.Sft	53.82	741,611.08
19.	Cement plaster 1:5 upto 12' height. Upto 20 ft (6.10 metre) height.(S.I 12 (c) 3/8" thick.	13,779.47	P.Sft	52.01	716,670.23
20.	Extra labour for external surface for distemper/paint/ whitewash/ colourwash/weather coat above 20'-0 height using long ladder or jhoola (for every 10' -0 additional height).	6,452.24	P.Sft	36.63	236,345.55
21.	Providing and fixing in position doors, windows and ventilators of first class deodar wood frames, and 1-1/2" thick Teak wood ply shutters of second class deodar wood skeleton (Solid) styles and rails core of partial wood and commercial ply wood (3 ply) on both sides including hold fasts, hinges, iron tower bolts, handles and cleats with cord etc, complete. (Sample as approved by architect/engineer incharge) (S.I C-10/58 Pg. No. 61)	692.00	P.Sft	2,763.94	1,912,646.48
22.	Providing and fixing G.I frames / Choukhats 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 i/c all carriage , tools and plants used in making and fixing. (S.I No 28/Page # 76)	189.00	P.Rft	908.25	171,659.25
23.	Priming Coat of Chalk Distemper. (S.I C-9/23 Pg. No. 53)	5,161.79	P.Sft	3.59	18,530.83



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
24.	Preparing the surface for distemper with plaster of paris or any well known phutty, priming coat of chalk under distemper and then make 3 coat of distemper to finish the job used only for roofs etc. complete as per directed by Engineer / Incharge. (S.I # 24 (c) P-53)	5,161.79	P.Sft	17.23	88,937.64
25.	Preparing the surface and painting with matt finish i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink /chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc: complete (newsurface three coat). (S.I. No. 36(a & b) P.No 54)	12,468.08	P.Sft	75.05	935,729.40
26.	2 coats of bitumen laid hot using 34 lbs (1.72Kg/Sq per P.S ft over roof and blinded with sand at 1 Cft per % Sf	7,130.00	P.Sft	47.84	341,099.20
27.	Providing and laying 1" thick topping of cement concrete (1:2:4) including Surface finishing and dividing into panels. 3" THICK	7,130.00	P.Sft	145.00	1,033,850.00
27.	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing bricks/sand paer, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make. (S.I C-9/38-A Pg # 54)	1,311.39	P.Sft	39.38	51,642.54
28.	2nd & subsequent coat. (S.I C-9/38-B Pg # 54)	1,311.39	P.Sft	23.60	30,948.80
29.	Providing & Laying Afghan Ziarat white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (S.I C18/120 Pg. # 87)	0.00			-
a)	1/2" thick marble	621.68	P.Sft	590.82	367,297.87
b)	1" thick marble	6,811.42	P.Sft	1,181.63	8,048,578.21
30.	First Class deodar wood wrought joinery in doors and windows etc. panelled or panelled or glazed or fully glazed fixed in position including chowkhat, holdfast, hinges, tower bolt rubber stop cleats/G I clamp,handles and chord with hooks etc. complete (excluding sliding bolts or lock). S.I C-10/7i Pg. # 55)				-
b)	2" thick.	312.00	P.Sft	3,279.20	1,023,110.40
31.	Providing and fixing Gutka Brick facing 2 1/2"x 9" x2 1/4" size of approved design set in cement mortar 1:3 i/c filling the joints with white cement slurry colour pigment for matching i/c leveling smooth finishing, curing and scaffolding etc complete as per specification and directed by the Engineer / Incharge.	9,483.95	Sft	531.28	5,038,632.96
SUB-TOTAL OF SCHEDULE ITEMS				=	65,396,585.53
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
CIVIL WORK (NON SCHEDULE ITEMS)					
01.	Providing, supplying, and applying terracotta tile wall finish of approved size, pattern, texture, and color, fixed on 3/4" thick cement sand mortar (1:2) backing over prepared wall surface, in accordance with approved architectural drawings and specifications, including adhesive, grout, edge trims, backing preparation, cutting, alignment, joint finishing, necessary accessories, labor, tools, scaffolding, and complete installation in all respects as approved by the Consultant/Architect.	304.00	Sft		
02.	Providing, supplying, and laying 24" x 24" terracotta flooring tile of approved color, texture, pattern, and size, over 3/4" thick cement sand mortar (1:2) bedding on prepared floor surface, in accordance with approved architectural drawings and specifications, including adhesive, grouting, cutting, alignment, joint finishing, edge trimming, curing, wastage, labor, tools, equipment, transportation, loading/unloading, and all necessary accessories, complete in all respects as approved by the Consultant/Architect for Karachi market conditions.	11.55	Sft		
03.	Providing, supplying, and constructing 4" thick perforated brick wall 1st class using approved quality exposed bricks laid in 3/4" thick cement sand mortar (1:2), in accordance with approved architectural drawings and specifications, including proper bending, alignment, raking/finishing of joints, curing, scaffolding, labor, tools, transportation, loading/unloading and complete installation in all respects as approved by the Consultant/Architect.	555.00	Cft		
04.	Disposal of surplus material, excavated stuff, dismantled material, debris, building rubbish, including loading unloading, transporting from site to dumping yards. (Lead 10 Miles)	1,000.00	Cft		
05.	Providing, supplying and fixing 1 1/2" x 1 1/2" handmade glazed Kashi tiles of approved traditional blue colour, shade, pattern and quality, including adhesive/mortar, jointing, grouting, cutting, wastage, fixing, cleaning and all labour and accessories, complete as per approved drawings and Engineers instructions.	500.00	Sft		



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
06.	Providing, supplying, fabricating, and installing Deodar wood jharoka of approved traditional design, size, and profile, manufactured from seasoned Deodar wood, including carved panels, decorative brackets, side frames, canopy, balustrades, shutters/screens, and ornamental detailing as per approved architectural drawings, fixed with necessary wooden/MS supports and framing, including sanding, polishing, lacquer/PU finish, hardware, joinery work, cutting, alignment, accessories, labor, tools, scaffolding, transportation, loading/unloading and complete installation in all respects as approved by the Consultant/Architect.	317.75	Sft		
07.	Providing, fabricating and fixing 12 mm tempered glass sliding door in powder-coated AA-6063 aluminum frame, including top/bottom tracks, rollers, handles, locks, stoppers, gaskets, silicone sealant and all necessary fittings, complete in all respects as per drawings and Consultant/Engineer's instructions.	215.25	Sft		
08.	Providing and Fixing first class Mahagany wood wrought joinery in doors etc. fixed in position i/c chowkats holdfasts, hinges, iron, tower bolts, chocks, handles and cords with hooks etc panelled and glazed or fully glazed and i/c the cost of wire gauze shutter.	150.00	P.Sft		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
ELECTRIC WORK					
(i) (SCHEDULE ITEMS)					
	The Contractor is referred to the specifications and drawings for all details related to the works and he is to include for complying with all the requirements contained therein, whether or not they are specifically mentioned within the items. All Tender documents (Drawings, Bill of quantities, Specifications) are integrated documents and complete each other. Workshop drawings and frames for approval before supply and installation (as per approved sample).				
1	LV-Switchgear				
	SUB MAIN DISTRIBUTION BOARDS				
1.1	Supply, installation, testing and commissioning of following Wall/Flush mounted Sub Main Distribution Board (SMDB) (Form-2b, Type-2) with incoming and outgoing circuit breakers and other components as per SLD with cable terminations, made with 16 SWG sheet steel metal housing powder coated with approved color (as per specifications), dust protected, vermin proof housing having all the necessary switching & protections, including Pull Boxes, all mounting accessories etc., as per specifications and drawings, complete in all respect.				
a	SMDB-LIB	1.00	No.		
	DISTRIBUTION BOARDS				
1.2	Supply, installation, testing and commissioning of following Wall/Flush mounted Distribution Boards (DB) (Form-2a) with incoming and outgoing circuit breakers and other components as per SLD with cable terminations, made with 16 SWG sheet steel metal housing powder coated with approved color (as per specifications), dust protected, vermin proof housing having all the necessary switching & protections, including Pull Boxes, all mounting accessories etc., as per specifications and drawings, complete in all respect.				
a	DB-LIB	1.00	No.		
b	FP-HVAC-LIB-IP54	1.00	No.		
2	LV CABLES AND WIRES				
	LV CABLES				
	Supply, laying, termination, tagging, testing and commissioning of following size copper conductor multi core, Cu/PVC/PVC-unarmoured, 0.6 kV/1 kV voltage grade copper cable in already laid conduit / cable tray / trench including all accessories, lugs, cable gland etc. as per drawings and specifications, complete in all respect. Note: Contractor is advised to confirm the actual running length before commencement of work.				
2.1	4 Core, Cu. PVC/PVC Cable (600/1000V)				
a	4C-35 Sq.mm Cu. PVC/PVC + 1C-16 Sq.mm Cu. PVC/YG E.C.C	40.00	Rm.		
b	4C-95 Sq.mm Cu. PVC/PVC + 1C-50 Sq.mm Cu. PVC/YG E.C.C	40.00	Rm.		
2.2	From SMDB's to DB's				
d	4C-35 Sq.mm Cu/PVC/PVC + 1C-16 Sq.mm Cu. PVC/YG E.C.C	20.00	Rm.		
e	4C-50 Sq.mm Cu/PVC/PVC + 1C-25 Sq.mm Cu. PVC/YG E.C.C	22.00	Rm.		
	Total Amount of Section LV Cables and Wires Equipments				
3	CABLE CONTAINMENT				
	CONDUITS & PIPES				



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
3.1	Supply and laying of following size (inner dia) PVC Conduit / uPVC Class-D/E Pipe / Flexible PVC Conduit / GI Pipe as raceways for Power & ELV cables, recessed / surface on wall / ceiling / column / under floor etc., including all accessories, as per drawings and specification etc., complete in all respect.				
a	150 mm dia uPVC Pipe (Class-D)	8.00	Rm.		
b	100 mm dia uPVC Pipe (Class-D)	11.00	Rm.		
c	50 mm dia uPVC Pipe (Class-D)	9.00	Rm.		
d	38 mm dia uPVC Pipe (Class-D)	12.00	Rm.		
	CABLE TRAYS				
3.2	Supply, fabricating, erecting, fixing and installing of following size of base perforated Powder coated (Black color) Cable Tray with cover for Power & ELV Cables, fabricated with 14/16 SWG MS Sheet Steel including all installation accessories (ensure 80um microns) such as appropriate sizes and lengths of MS Rod / Angle Iron Supports and Rawl Bolts, including cutting, welding, jointing and necessary required hardware etc. Complete in all respect as shown in drawings and specification or as directed by the Engineer. Note: Contractor must provide cable tray base for roof cable trays, as per drawings and details.				
a	300 mm x 50 mm	8.00	Rm.		
b	150 mm x 50 mm	11.00	Rm.		
	PULL BOXES				
3.3	Supply and installation of following size MS Powder coated Pull Boxes with all installation accessories, as per specifications, drawings and approved brands, complete in all respect.				
a	300 mm x 100 mm	1.00	No.		
b	200 mm x 100 mm	1.00	No.		
c	100 mm x 100 mm	1.00	No.		
d	100 mm x 50 mm	1.00	No.		
	Total Amount of Section Cable Containment				
4	WIRING ACCESSORIES				
	SWITCHES & SOCKETS				
4.1	Supply, installation, testing and commissioning of following 10/13/15/20A, gang type switches, Dimmer Switches, Sockets (excluding back boxes), recessed in wall / column / ceiling / floor, finishes to be as per specifications and ID requirements, with all accessories, complete in all respects. Note: Approved brands for Switch & Socket are as follows: * Clipsal, Schneider Electric (Pieno Series) * M.K (Wide Rocker Series) * BG (Evolve Series)				
a	Two Gang Switch 10A	10.00	No.		
b	Three Gang Switch 10A	10.00	No.		
c	Four Gang Switch 10A	7.00	No.		
d	13A, International / Universal Switch Socket Outlet	8.00	No.		
e	15A, 3-Pin Switch Socket Outlet	8.00	No.		
f	16A, SP Industrial Socket	1.00	No.		
g	32A, 3-Pin Industrial Socket	2.00	No.		
h	20A DP AC Switch	1.00	No.		
	FLOOR BOXES				
4.2	Supply, installation, testing and commissioning of Floor Box (imported), 14 SWG Sheet Steel with all accessories, as per drawings, specifications and site requirements, complete in all respect. Note: Excluded of all Sockets and Face plates.	1.00	No.		
	ISOLATORS				
4.3	Supply, installation, testing and commissioning of following Isolators in 16 SWG sheet steel enclosure with neutral and earth terminal strips, including all mounting accessories as per specifications and drawings, complete in all respect.				
a	32A, TPN Weatherproof type Isolator	2.00	No.		
b	20A, SPN Weatherproof type Isolator	1.00	No.		
c	20A, TPN Weatherproof type Isolator	1.00	No.		
	Total Amount of Section Wiring and Accessories				
5	LIGHT FIXTURES & FANS				
	LIGHT FIXTURES				
5.1	Supply, installation, testing and commissioning of following Light Fixtures complete with starters, Electronic ballast (mention otherwise), lamps, drivers, mounting accessories etc., complete in all respects. Lighting fixtures Sample must be submitted to consultant for approval, (For complete detail references of Light Fixtures, please refer to Light Fixture Schedules)				



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
a	Ceiling mounted LED Batten Light Fixture (IP-20) with Aluminum Housing and 40W LED lamp	30.00	No.		
b	Suspended mounted LED Batten Light Fixture (IP-20) with Aluminum Housing and 40W LED lamp	12.00	No.		
c	Wall mounted LED Batten Light Fixture (IP-20) with Aluminum Housing and 40W LED lamp	6.00	No.		
d	Ceiling Recessed mounted LED Panel Light Fixture (IP-20) with Aluminum Housing and 40W LED lamp	5.00	No.		
e	Ceiling Recessed mounted LED Downlight Fixture (IP-20) with Aluminum / Die Cast Housing, Glass cover and 30W LED lamp	4.00	No.		
f	6W Exit Light with direction sign as per drawing	1.00	No.		
6	WIRING & CABLING FOR LIGHTS, FANS, SOCKETS & HVAC				
	LIGHT WIRING				
6.1	Supply, laying, tagging, testing and commissioning of Circuit wiring from DB to Switchboard including wiring between switch on the same circuit with 2x2.5 Sq.mm Cu/PVC + 1x2.5 Sq.mm Cu/PVC as ECC single core wires in 25mm dia PVC conduit surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawing and specification, complete in all respect.	24.00	No.		
6.2	Supply, laying, tagging, testing and commissioning of Point wiring for light/fan point from Switch Board to Light/fan Point with 3x1.5 Sq.mm Cu/PVC single core wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawing and specification, complete in all respect.	24.00	No.		
6.3	Supply, laying, tagging, testing and commissioning of Point wiring from Light/fan point to Light/fan point with 3x2.5 Sq.mm Cu/PVC single core wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawing and specification, complete in all respect.	50.00	No.		
	EMERGENCY / EXIT LIGHT WIRING				
6.4	Supply, laying, tagging, testing and commissioning of Circuit wiring for Emergency / Exit Lights from DB to 1st. light point with 2.5 Sq.mm Cu/PVC + 1.5 Sq.mm Cu/PVC as ECC single core wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawings and specifications, complete in all respect.	1.00	No.		
6.5	Supply, laying, tagging, testing and commissioning of Point wiring for Emergency / Exit Lights from Light Point to Light Point with 2.5 Sq.mm Cu/PVC single core wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawings and specifications, complete in all respect.	1.00	No.		
	POWER WIRING				
6.6	Supply, laying, tagging, testing and commissioning of wiring for 15A / 13A Socket outlet (near by to DB) with 2x4 Sq.mm Cu/PVC + 1x4 Sq.mm Cu/PVC as ECC single core wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling, under floor etc. including with all conduit accessories, as per drawing and specification, complete in all respect.				
a	DB to Socket outlet	8.00	No.		
b	Socket to Socket outlet	12.00	No.		
	HVAC CABLING				
6.7	Supply, laying, termination, tagging, testing and commissioning of following size copper conductor multi core, Cu/PVC/PVC-unarmoured, 0.6 kV/1 kV voltage grade copper cable in already laid conduit / cable tray / trench including all accessories, lugs, cable gland etc. as per drawings and specifications, complete in all respect. Note: Contractor is advised to confirm the actual running length before commencement of work.				
a	4C-50 Sq.mm Cu. PVC/PVC + 1C-25 Sq.mm Cu. PVC/YG E.C.C	20.00	Rm.		
b	4C-35 Sq.mm Cu. PVC/PVC + 1C-16 Sq.mm Cu. PVC/YG E.C.C	20.00	Rm.		
c	4C-25 Sq.mm Cu. PVC/PVC + 1C-16 Sq.mm Cu. PVC/YG E.C.C	10.00	Rm.		
7	VOICE, DATA COMMUNICATION & CCTV CABLING SYSTEMS (Passive Equipment Only)				
	Supply, installation, testing and commissioning of following Data / Voice items, as per the single line diagram and specification, complete in all respect.				
7.1	Supply, installation, testing and commissioning of following Data / Voice Cabinets for patch panel, Fiber panels, adapter, PDU's, Fans and space for active switches as it may require to accommodate complete the entire passive and active network as per the single line diagram drawing and specification, complete in all respect.				
a	42U IT Rack 800X600mm with 2 Nos. of PDU's and Exhaust Fans	1.00	No.		



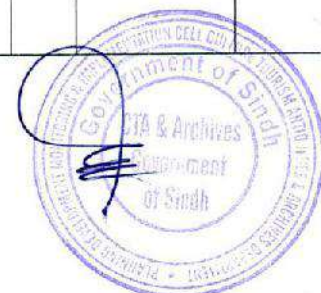
CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
7.2	Supply, laying, termination, testing and commissioning of CAT 6 - 4 pair cable for Data, Voice, Camera & Wifi in 25mm dia PVC conduit, concealed / surface, recessed in wall, column, ceiling, under floor etc. from each outlet to IT rack, including tagging and piping with all necessary accessories, complete in all respect.	12.00	No.		
7.3	Supply, installation, testing and commissioning of Single RJ-45, Cat-6 outlet for Voice with I/O - shutter type including tagging, as per drawing and specification, complete in all respect.	7.00	No.		
7.4	Supply, installation, testing and commissioning of Single RJ-45, Cat-6 outlet for Data with I/O - shutter type including tagging, as per drawing and specification, complete in all respect.	7.00	No.		
7.5	Supply, installation, testing and commissioning of Dual RJ-45, Cat-6 Outlet for Voice and Data with I/O - shutter type including tagging, as per drawing and specification, complete in all respect.	4.00	No.		
7.6	Supply, installation, testing and commissioning of 24 port shutter type Cat 6, RJ 45 UTP Patch Panel fully loaded with tool less jacks and rear cable manager, as per drawing and specification, complete in all respect.	2.00	No.		
7.7	Supply, installation, testing and commissioning of 24 port Single Mode Fiber Patch Panel fully loaded with pigtails etc., and rear cable manager, as per drawing and specification, complete in all respect.	1.00	No.		
7.8	Supply, installation, testing and commissioning of 19" front/rear (as required) cable organizer between patch panels and active equipment to provide patch cable management including with all necessary accessories, as per drawing and specification, complete in all respect.	4.00	No.		
7.9	Supply, installation, testing and commissioning of CAT-6 UTP (RJ-45 to RJ-45) for the above Patch Panels including with all necessary accessories, as per drawing and specification, complete in all respect. (As per required quantity)				
a	CAT-6 (1m) Long Patch Cord	70.00	No.		
b	CAT-6 (3m) Long Patch Cord	11.00	No.		
7.10	Supply, installation, testing and commissioning of Fiber Optic Patch Cords certified of specified color at both ends for communication with SC/LC/APC connector. (As per requirement depends on active part)				
a	3m Long Patch Cord	7.00	No.		
7.11	Supply, laying, termination, testing and commissioning of 8C-9/125µm Single Mode Fiber Optic Incoming Cable to 42U Rack in already installed cable tray, as shown in drawings including termination and tagging at both ends, as per standard specifications with all termination accessories up to entire satisfaction of IT Engineer. Note: Contractor is advised to confirm the cable running length before commencement of work and termination as per site requirements.	1.00	No.		
7.12	Supply, laying, termination, testing and commissioning of 8C-9/125µm Multi Mode Fiber Optic Cable from 42U Rack to IT rack in IT room in already installed cable tray, as shown in drawings including termination and tagging at both ends, as per standard specifications with all termination accessories up to entire satisfaction of IT Engineer.	1.00	No.		
7.13	Programming, testing and commissioning by Manufacturer Authorized Agent / Dealer and handing over complete Voice & Data System to Owner with Providing Training, fluke & OTDR Testing, as build drawing, Rack layouts and certification's Principal, complete equipment's Manual and Warranty Documents to Owners representative.	1.00	Job		
8	CCTV SYSTEM				
	Supply, installation, tagging, testing and commissioning of following items for CCTV System complete with power cord, interconnecting cables, mounting brackets and other all fixing accessories, as per the single line diagram and specification, complete in all respect.				
8.1	Supply, installation, tagging, testing and commissioning of 2 MP IP based Dome camera (Professional Series) with 1/2.8" CMOS 3.3 to 12mm varifocal lens, power adapter, complete in all respect with fixing accessories, as per drawing and specifications, complete in all respect.	1.00	No.		
8.2	Supply, installation, tagging, testing and commissioning of 2 MP IP based Dome camera (Professional Series), Weatherproof (IP66), with 1/2.8" CMOS 3.3 to 12mm varifocal lens, power adapter, complete in all respect with fixing accessories, as per drawing and specifications, complete in all respect.	1.00	No.		
8.3	Supply, installation, tagging, testing and commissioning of 8 Channel NVR with RAID 1+0 configuration based, built-in VMS built-in 4TB HDD for 24/7 recording with integral access slots for HDD suspension bays required for 30 days storage capability, Server & client Licenses, as per drawing and specifications, complete in all respect.	1.00	No.		



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
8.5	Supply, installation, testing and commissioning of 55" LED Screen, including all mounting accessories etc., as per drawing and specifications, complete in all respect.	1.00	No.		
8.6	Supply, installation, testing and commissioning of Core i7 Work Station, 6/7th Generation, complete with Dual VGA Card & Licensed windows 10, as per drawing and specifications, complete in all respect.	1.00	No.		
8.7	Programming, testing and commissioning by Manufacturer Authorized Agent / Dealer and handing over complete CCTV System to Owner with providing training, SOP, complete equipment's manual and warranty documents to owners representative.	1.00	Job		
9	ADDRESSABLE FIRE ALARM SYSTEM				
	Supply, installation, testing and commissioning of following items for Addressable Fire Alarm System, described below including all accessories, as per the single line diagram and specification, complete in all respect.				
9.1	Supply, laying, termination, tagging, testing and commissioning of wiring for complete Fire Alarm System with 2C-1.5 Sq.mm shielded, twisted pair Fire Resistant Cable (2 hrs. rated) in 25mm dia PVC conduit, (M.S conduit for surface) etc., including any wiring between fire alarm control panel and other's systems control panel's etc. as per drawing and specification. Complete in all respect.	220.00	Rm.		
9.2	Supply, installation, testing and commissioning of Addressable Photoelectric Smoke Detector with base and back box, as per drawing and specification, complete in all respect.	20.00	No.		
9.3	Supply, installation, testing and commissioning of Addressable Heat Detector with base and back box, as per drawing and specification, complete in all respect.	2.00	No.		
9.4	Supply, installation, testing and commissioning of Addressable Manual Pull Station / Call Point with base and back box, as per drawing and specification, complete in all respect.	3.00	No.		
9.5	Supply, installation, testing and commissioning of Addressable Manual Pull Station / Call Point (Weatherproof) with base and back box, as per drawing and specification, complete in all respect.	3.00	No.		
9.6	Supply, installation, testing and commissioning of Addressable Sounder with flasher / Strobe and base and back box, as per drawing and specification, complete in all respect.	2.00	No.		
9.7	Supply, installation, testing and commissioning of Addressable Sounder (Weatherproof) with flasher / Strobe, base and back box, as per drawing and specification, complete in all respect.	3.00	No.		
9.8	Supply, installation, testing and commissioning of Addressable Input / Output Interface unit, as per drawing and specification, complete in all respect.	2.00	No.		
9.9	Supply, installation, testing and commissioning of 02 Loop Addressable Fire Alarm Control Panel including all necessary accessories, BACnet Card for Interfacing of Panels, identification tagging etc. and 3Hrs battery back up. PACP as per drawing and specification, complete in all respect.	2.00	No.		
9.10	Supply, installation, testing and commissioning of Repeater Fire Alarm Control Panel including all necessary accessories, identification tagging etc. and 3Hrs battery back up. PACP as per drawing and specification, complete in all respect.	1.00	No.		
9.10	Testing and commissioning, Software, Programming by Manufacturer Authorized Agent / Dealer and handing over complete Fire Alarm system to owner with providing training, SOP, complete equipment's manual and warranty documents to Owner's Representative.	1.00	Job		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
FIRE SUPPRESSION SERVICES (NON SCHEDULE ITEMS)					
	Supply, installation, testing & commissioning of fire suppression services including all equipment, pipe works and accessories ready to operate as per specifications, drawings and instructions of Consultants.				
1	Fire hose cabinet double height 32" x 60" x 14", stainless steel front, powder coated back including 1" dia x 100 Rft. rubber hose reel, nozzle guide, lock shield valve, pressure regulating valve, automatic 180 deg. swing type, with 2-1/2" dia size landing valve, and 2-fire extinguishers as shown on drawing.				
i.	Type FHC-LV	1	Nos.		
2	2-1/2" dia Landing valves.	1	Nos.		
3	MS Sch-40 seamless pipes including all specials M.I & D.I threaded & welded joint fittings UL listed FM approved, flexible pipe, flanges, coupling, masking plates, bends, tees, clamps, connector/ adaptor, supports and hangers, sleeves, masking plates chiseling, cutting holes, making good where required, painting and protection treatment etc. Complete in all respects.				



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
i.	Dia. 1" (Threaded fitting)	500	Rft.		
ii.	Dia. 1-1/4" (Threaded fitting)	80	Rft.		
iii.	Dia. 1-1/2" (Threaded fitting)	70	Rft.		
iv.	Dia. 2" (Threaded fitting)	100	Rft.		
v.	Dia. 2-1/2" (Welded joints fitting)	180	Rft.		
vi.	Dia. 3" (Welded joints fitting)	40	Rft.		
vii.	Dia. 4" (Welded joints fitting)	30	Rft.		
4	Fire extinguishers with fixing accessories.				
i.	Type Class B&C FX-3 (5 Kg. CO2 Carbon Dioxide Gas)	2	Nos.		
ii.	Type Class A,B&C FX-4 (6 Kg. Dry Chemical Powder)	2	Nos.		
5	Sprinkler Heads				
i.	Sprinkler Pendent type Concealed with cover plate quick response K = 5.6 (Opening Temperature 57°C)	66	Nos.		
ii.	Sprinkler Side wall type quick response K = 5.6 (Opening Temperature 57°C)	4	Nos.		
6	Zone Control Valve assembly 4" dia UL Listed/FM Approved complete with following.	1	Nos.		
i.	UL Listed Pressure reducing valve (PRV) 4" dia				
ii.	OS & Y Gate valve 4" size with tamper switch				
iii.	Check valve 4" size				
iv.	Pressure Gauge				
v.	Water flow switch 4" dia				
vi.	2" dia test valve with sight glass & sectional drain valve.				
7	Zone Control Valve assembly 2-1/2" dia UL Listed/FM Approved complete with following.	1	Nos.		
i.	UL Listed Pressure reducing valve (PRV) 2-1/2" dia				
ii.	OS & Y Gate valve 2-1/2" size with tamper switch				
iii.	Check valve 2-1/2" size				
iv.	Pressure Gauge				
v.	Water flow switch 2-1/2" dia				
vi.	1 1/4" dia test valve with sight glass & sectional drain valve.				
8	Supply & installation of seismic hanger & support including bolts, rods, clamps, Concrete fasteners etc. complete in all respects as per specification, drawings & as per instruction of Consultant.	1	Job.		
9	Supply & installation of fire stop material (for passive fire fighting / smoke barrier) in all MEP openings and penetrations, either in slab or wall, complete in all respects, ready to operate as per fire stopper recommended material, and as per instruction of Consultant.	1	Job.		
10	Operations and Maintenance (O&M) services for a period of 12 months (after DLP period), including regular maintenance, inspections, troubleshooting, and repairs.	1	Job.		
11	Painting, identification and tagging to the installations and equipments.	1	Job.		
12	Flushing of entire fire pipe work according to (NFPA-13).	1	Job.		
13	Testing, and commissioning of entire fire fighting installation as per Consultant's approval.	1	Job.		
14	Making of As-Built & Shop Drawings on latest with sectional details complete in all respects as per instructions of Consultant.	1	Job.		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
GRAND TOTAL					



GENERAL ABSTRACT

**NAME OF WORK:- CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI
KHUDA BUX BHUTTO**

S #	NAME OF COMPONENTS	AMOUNT	
	03 - ART & CRAFT CENTER		
A	CIVIL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
B	ELECTRICAL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
	SUB-TOTAL	Rs.	



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
03 - ART & CRAFT CENTER					
CIVIL WORK (SCHEDULE ITEMS)					
01.	Clearing and grubbing the site by cutting, uprooting and removing all rubbish and shrubs including disposal to (outside limits) designated places. (HW/1 Pg. No. 211)	1,800.00	Sft	2.88	5,184.00
02.	Earth for shush or Daldal including dewatering. (C-1/16 Pg. No. 17)	2,700.00	Cft	9.51	25,677.00
03.	Excavation in foundation of Building Bridges and other structures including degbelling dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. (b) In Ordinary Soil Upto 5 ft. depth. within 50 ft. (C-1/18b & c Pg. No.17)	8,625.00	P.Cft	11.88	102,465.00
04.	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an over all pre construction treatment in slab type construction under the slab and along attached perches or entrances etc, complete as per directions of Engineer Incharge. (S.I 92A Pg. No. 84)	3,135.69	P.Sft	11.46	35,935.01
05.	Random, rubble masonry (uncoursed foundation & Plinth. (i) Dry Masonry (S.I No. C-6/1(i) / P-35)	1,567.84	P.Cft	114.07	178,843.51
06.	Cement concrete plain including placing compacting,finishing and curing complete (including screening and washing at stone aggregate without shuttering CC 1:4:8 (S.I No. 5-1 / P-24)	1,034.78	P.Cft	348.83	360,962.31
07.	Placing, compacting, finishing and curing of concrete using ordinary Portland Cement/ Sulphate resistant cement / Slag cement asmay be required: including screening, washing of aggregates and mixing of constituents using batching plant, transportation by transit mixer, pouring with pump in the required portion to achive a cylindrical strength in the field as per ACI 214, with the specified consistency i/c the cost of shuttering, compaction with compactor, excluding the cost of admixture, as approved and directed by the Engineer Incharge.				
iii)	Ratio 3000 PSI (C-18/ 98(iii) Pg.No.85)	5,491.94	P.Cft	805.57	4,424,142.11
iv)	Ratio 4000 PSI (C-18/ 98(iv) Pg.No.85)	598.69	P.Cft	900.31	539,006.59
08.	Fabrication of deformed steel reinforcement for cement concrete including cutting, bending	235.48	P.Cwt	18,934.02	4,458,583.03
09.	Filling, watering and ramming earth in floors with surplus earth from foundation etc. lead up to one chain and lift up to 5 feet. (C-1 Item 21 Page 4)	5,750.00	P.Cft	6.50	37,375.00
10.	Erection and removal of centering for R.C.C or plain cement concrete works of Partial wood Vertical Floor. (S.I C-4/19(b) Pg.#27	1,219.99	P.Sft	220.36	268,837.00
11.	Cement concrete plain 1 : 3 : 6 i/c placing compacting, finishing and curing, complete including screening and washing at stone aggregate without shuttering. (S.I.No 5-h / P-24)	1,219.99	P.Cft	388.76	474,283.31
12.	Pacca brick work in ground floor in (including striking of joints).(c) Cement sand mortar. 1:4	5,495.32	P.Cft	397.85	2,186,313.06
13.	Cement plaster 1:4 upto 12' height 3/4" thick. (S.I. No. 11(c)/52)	9,587.15	P.Sft	53.82	515,980.41
14.	Cement plaster 1:5 upto 12' height. Upto 20 ft (6.10 metre) height.(S.I 12 (c) 3/8" thick	4,793.57	P.Sft	52.01	249,313.58
15.	Providing and fixing in position doors, windows and ventilators of first class deodar wood frames, and 1-1/2" thick Teak wood ply shutters of second class deodar wood skeleton (Solid) styles and rails core of partial wood and commercial ply wood (3 ply) onboth sides including hold fasts, hinges, iron tower bolts, handles and cleats with cord etc, complete. (Sample as approved by architect/engineer incharge) (S.I C-10/58 Pg. No. 61)	427.00	P.Sft	2,763.94	1,180,202.38
16.	Providing and fixing G.I frames / Choukhats 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 ratio1:6 and repairing the jambs.The cost also i/c all carriage , tools and plants used in making and fixing. (S.I No 28/Page # 76)	2,015.50	P.Rft	908.25	1,830,577.88
17.	Preparing the surface and painting with matt finish i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink /chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc: complete .(newsurface three coat). (S.I. No. 36(a & b) P.No 54)	5,564.65	P.Sft	75.05	417,626.98
18.	2 coats of bitumen laidhot using34 lbs (1.72Kg/Sq per P.S ftover roof and blinded with sand at 1 Cft per % Sf	2,776.97	P.Sft	47.84	132,850.24
19.	Providing and laying 1" thick topping of cement concrete (1:2:4) including Surface finishing and dividing into panels: 3" THICK	1,388.48	P.Sft	145.00	201,329.60
19.	Filling, watering and ramming earth under floor. with new earth (Excavated from outside) lift upto 5 ft and lead upto 10 miles including cost of earth. (S.I. No. 22/17)	12,476.25	P.Cft	47.02	586,633.28



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
20.	Split tiles 5-1/4"x10-1/2"x3/8" 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.)	426.35	P.Sft	515.00	219,570.25
21.	Preparing the surface and painting with weather coat 1/c rubbing the surface with rubbing bricks/sand paer, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make. (S.I C-9/38-A Pg # 54)	1,209.25	P.Sft	39.38	47,620.27
22.	2nd & subsequent coat. (S.I C-9/38-B Pg # 54)	604.63	P.Sft	23.60	14,269.27
23.	Providing & Laying Afghan Ziarat white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (S.I C18/120 Pg. # 87)				-
a)	3/4" thick marble	106.74	P.Sft	1,058.78	113,014.18
b)	1" thick marble	1,408.38	P.Sft	1,181.63	1,664,184.06
24.	First Class deodar wood wrought joinery in doors and windows etc. panelled or panelled or glazed or fully glazed fixed in position including chowkhat, holdfast, hinges, tower bolt rubber stop cleats/G 1 clamp, handles and chord with hooks etc. complete (excluding sliding bolts or lock). (S.I C-10/71 Pg. # 56)				-
b)	2" thick.	156.00	P.Sft	3,279.20	511,555.20
25.	Providing and fixing Gutka Brick facing 2 1/2"x 9"x2 1/4" size of approved design set in cement mortar 1:3 i/c filling the joints with white cement slurry colour pigment for matching i/c leveling smooth finishing, curing and scaffolding etc complete as per specification and directed by the Engineer / Incharge.	3,266.00	Sft	531.28	1,735,160.48
SUB-TOTAL OF SCHEDULE ITEMS				=	22,517,494.97
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
CIVIL WORK (NON SCHEDULE ITEMS)					
01.	Providing, supplying, and applying terracotta tile wall finish of approved size, pattern, texture, and color, fixed on 3/4" thick cement sand mortar (1:2) backing over prepared wall surface, in accordance with approved architectural drawings and specifications, including adhesive, grout, edge trims, backing preparation, cutting, alignment, joint finishing, necessary accessories, labor, tools, scaffolding, and complete installation in all respects as approved by the Consultant/Architect.	506.91	Sft		
02.	Providing, supplying, and laying 24" x 24" terracotta flooring tile of approved color, texture, pattern, and size, over 3/4" thick cement sand mortar (1:2) bedding on prepared floor surface, in accordance with approved architectural drawings and specifications, including adhesive, grouting, cutting, alignment, joint finishing, edge trimming, curing, wastage, labor, tools, equipment, transportation, loading/unloading, and all necessary accessories, complete in all respects as approved by the Consultant/Architect for Karachi market conditions.	193.13	Sft		
03.	Providing, supplying, and fixing 4" high terracotta tile wall skirting of approved color, texture, pattern, and size, fixed over prepared surface with cement sand mortar (1:2) and adhesive, in accordance with approved architectural drawings and specifications, including cutting, edge finishing, grouting, alignment, curing, wastage, labor, tools, transportation, loading/unloading, and all necessary accessories, complete in all respects as approved by the Consultant/Architect.	7.16	Sft		
04.	Providing, supplying, and installing gypsum board false ceiling comprising 24" x 24" grid layout with approved metal framing system, suspended from structural slab by hangers and supports, including GI channels, perimeter trims, suspension accessories, joint treatment, cutting, alignment, finishing, screw fixing, necessary supports, labor, tools, scaffolding, transportation, loading/unloading, and complete installation in accordance with approved architectural drawings and specifications, complete in all respects as approved by the Consultant/Architect.	250.00	Sft		
05.	Providing, supplying, and laying Stone Plastic Composite 6mm thick (SPC) flooring of approved brand, color, texture, and design, over prepared and leveled surface with underlay (as required), including click-lock/adhesive installation system, skirting interface finishing, cutting, alignment, edge trims, transition strips, leveling compound (if required), labor, tools, accessories, wastage, transportation, loading/unloading and complete installation in accordance with approved architectural drawings and specifications, complete in all respects as approved by the Consultant/Architect.	100.00	Sft		



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
06.	Providing and fixing uPVC (Unplasticized Polyvinyl Chloride) door of approved design comprising multi-chamber uPVC profile, factory fabricated panel shutter (approx. 35-40mm thick), complete with frame, hinges, handle, lock, and all necessary hardware, including installation, sealing and making good complete in all respects.	35.00	Sft		
07.	Disposal of surplus material, excavated stuff, dismantled material, debris, building rubbish, including loading unloading, transporting from site to dumping yards. (Lead 10 Miles)	1,000.00	Cft		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
ELECTRIC WORK (SCHEDULE ITEMS)					
01.	Wiring for light or fan point with 3/.029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required. (S.I # 102, P.No 236)	60.00	Each	6,573.50	394,410.00
02.	Providing & Laying (Main or Sub Main) PVC insulated with size 2-7/.029 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (S.I # 10, P.No 229)	1,000.00	P.Rft	400.92	400,920.00
03.	Providing and laying (Main or Sub Main) PVC insulated with size 2-7/.036 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (S.I # 11, P.No 229)	500.00	P.Rft	506.75	253,375.00
03.	Wiring for call bell point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit on surface as required. (S.I # 109, P.No 236)	20.00	Each	6,331.76	126,635.20
SUB-TOTAL OF SCHEDULE ITEMS				=	1,175,340.20
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
ELECTRICAL WORK (NON SCHEDULE ITEMS)					
01.	Supply /Providing and fixing of Electric Main Panel including copper bus bar, brakars, wiring, volt meter lights, volt meter, main switch complete in all respects	1.00	Each		
02.	P/F flush type 2 Pin plug socket 10 amps Aqua Company Made in Germany or equivalent with fancy type board and sheet i/c necessary connection	15.00	Each		
03.	Providing & fixing 10 Amps Polycarbonate flame retardant S.P switch with fancy required gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.(E31-36/1/2A Clipsal make)				
a)	2 - Gang. (1-way)	8.00	Each		
b)	3 - Gang. (1-way)	8.00	Each		
c)	6 - Gang. (1-way)	5.00	Each		
d)	8 - Gang. (1-way)	5.00	Each		
04.	Providing and laying (MAIN or SUB MAIN) PVC insulated and PVC sheathed with 4 core unarmoured copper conductor in 600/1000 volts size 16mm2.	300.00	P.Rft		
05.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with 4 core copper conductor 600/1000 volts size 35mm2.	200.00	P.Rft		
06.	Providing & Fixing Brass Ceiling Fan 36" Inches (Good Quality).	10.00	Each		
07.	Providing & fixing A.C Electric Wall Bracket fan 18" (good quality)	3.00	Each		
08.	Providing and fixing three pin 10/15 amp plug & socket flush type.	20.00	Each		
09.	Providing and laying (Main or Sub Main) PVC insulated with size 2-7/.036 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required.	1,500.00	P.Rft		
10.	Supply & Fixing of LED Lights 18 / 25 watts round or square shape complete in all respect as per instruction of engineer incharge.	110.00	Each		
11.	Providing & Fixing 20watts 4ft-long LED tube light, complete in all respect.	10.00	Each		
12.	Providing & Fixing Bakelite ceiling rose with two terminals.	90.00	Each		
13.	Providing & fixing A.c ceiling fan regulator on metal board recessed in the walls column and covered with plastic sheet.	10.00	Each		
14.	Supply and fixing of PVC conduit pipe for cable i/c excavation, labor complete in all respect.	414.00	P.Rft		
15.	Providing and fixing mirror light fancy type with removable lamps 3 no foreign made i/c its necessary electric connection suitable for false ceiling etc complete	5.00	Each		
16.	Providing, Installation & Commissioning of 1 HP Suction Pump with Single Phase Motor (Copper Winding), including making of 1:3:6 CC Platform, Complete in all respect.	1.00	Each		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
GRAND TOTAL					



GENERAL ABSTRACT

NAME OF WORK:- CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

S #	NAME OF COMPONENTS	AMOUNT	
	04 - RESTAURANT		
A	CIVIL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
B	ELECTRICAL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
C	PLUMBING WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
	SUB-TOTAL	Rs.	



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
04 - RESTAURANT					
CIVIL WORK (SCHEDULE ITEMS)					
01.	Clearing and grubbing the site by cutting, uprooting and removing all rubbish and shrubs including disposal to (outside limits) designated places. (IIW/1 Pg. No. 211)	1,000.00	Sft	2.88	2,880.00
02.	Earth for slush or Daidal including dewatering. (C-1/16 Pg. No. 17)	2,136.85	Cft	9.51	20,321.44
03.	Excavation in foundation of Building Bridges and other structures including degbelling dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. (b) In Ordinary Soil Upto 5 ft. depth. within 50 ft. (C-1/18b & c Pg. No.17)	5,342.12	P.Cft	11.88	63,464.39
04.	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an over all pre construction treatment in slab type construction under the slab and along attached perches or entrances etc, complete as per directions of Engineer Incharge. (S.I 92A Pg. No. 84)	1,889.05	P.Sft	11.46	21,648.51
05.	Random, rubble masonry (uncoursed foundation & Plinth. (i) Dry Masonry (S.I No. C-6/1(i) / P-35)	944.53	P.Cft	114.07	107,742.54
06.	Cement concrete plain including placing compacting,finishing and curing complete (including screening and washing at stone aggregate without shuttering CC 1:4:8 (S.I No. 5-I / P-24)	623.39	P.Cft	348.83	217,457.13
07.	Placing, compacting, finishing and curing of concrete using ordinary Portland Cement/ Sulphate resistant cement / Slag cement asmay be required: including screening, washing of aggregates and mixing of constituents using batching plant, transportation by transit mixer, pouring with pump in the required portion to achive a cylindrical strenth in the field as per ACI 214, with the specified consistency i/c the cost of shuttering, compaction with copmactor, excluding the cost of admixture, as approved and directed by the Engineer Incharge.				
iii)	Ratio 3000 PSI (C-18/ 98(iii) Pg.No.85)	1,772.43	P.Cft	805.57	1,427,816.44
iv)	Ratio 4000 PSI (C-18/ 98(iv) Pg.No.85)	324.00	P.Cft	900.31	291,700.44
08.	Fabrication of deformed steel reinforcement for cement concrete including cutting, bending.	132.14	P.Cwt	18,934.02	2,501,941.40
09.	Filling, watering and ramming earth in floors with surplus earth from foundation etc. lead up to one chain and lift up to 5 feet. (C-1 Item 21 Page 4)	3,561.42	P.Cft	6.50	23,149.23
10.	Erection and removal of centering for R.C.C or plain cement concrete works of Partial wood Vertical Floor. (S.I C-4/19(b) Pg.#27	1,016.31	P.Sft	220.36	223,954.07
11.	Cement concrete plain 1 : 3 : 6 i/c placing compacting, finishing and curing, complete including screening and washing at stone aggregate without shuttering. (S.I.No 5-h / P-24)	562.07	P.Cft	388.76	218,510.33
12.	Pacca brick work in ground floor in (including striking of joints).(c) Cement sand mortar. 1:4	992.70	P.Cft	397.85	394,945.70
13.	First Floor.	56.85	P.Cft	411.08	23,369.90
14.	Cement plaster 1:4 upto 12' height 3/4" thick. (S.I. No. 11(c)/52)	2,440.23	P.Sft	53.82	131,333.18
15.	Cement plaster1:5 upto 12' height. Upto 20 ft (6.10 metre) height.(S.I 12 (c) 3/4" thick.	976.09	P.Sft	52.01	50,766.44



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
16.	Providing and fixing in position doors, windows and ventilators of first class deodar wood frames, and 1-1/2" thick Teak wood ply shutters of second class deodar wood skeleton (Solid) styles and rails core of partial wood and commercial ply wood (3 ply) on both sides including hold fasts, hinges, iron tower bolts, handles and cleats with cord etc, complete. (Sample as approved by architect/engineer incharge) (S.I C-10/58 Pg. No. 61)	38.40	P.Sft	2,763.94	106,135.30
17.	Providing and fixing G.I frames / Choukhats 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 i/c all carriage, tools and plants used in making and fixing. (S.I No 28/Page # 76)	23.20	P.Rft	908.25	21,071.40
18.	Preparing the surface and painting with matt finish i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink /chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc: complete. (newsurface three coat). (S.I. No. 36(a & b) P.No 54)	795.00	P.Sft	75.05	59,664.75
19.	2 coats of bitumen laid hot using 34 lbs (1.72Kg/Sq per P.S ftover roof and blinded with sand at 1 Cft per % Sf	815.42	P.Sft	47.84	39,009.69
20.	Providing and laying 1" thick topping of cement concrete (1:2:4) including Surface finishing and dividing into panels: 3" THICK	326.16	P.Sft	145.00	47,293.20
20.	Filling, watering and ramming earth under floor. with new earth (Excavated from outside) lift upto 5 ft and lead upto 10 miles including cost of earth. (S.I. No. 22/17)	5,342.13	P.Cft	47.02	251,186.95
21.	Split tiles 5-1/4"x10-1/2"x3/8" 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.)	89.60	P.Sft	515.00	46,144.00
22.	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing bricks/sand paer, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make. (S.I C-9/38-A Pg # 54)	210.93	P.Sft	39.38	8,306.42
23.	2nd & subsequent coat. (S.I C-9/38-B Pg # 54)	84.37	P.Sft	23.60	1,991.13
24.	Providing & Laying Afghan Ziarat white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (S.I C18/120 Pg. # 87)				
a)	3/4" thick marble	23.44	P.Sft	1,058.78	24,817.80
b)	1" thick marble	488.00	P.Sft	1,181.63	576,635.44
25.	First Class deodar wood wrought joinery in doors and windows etc. panelled or panelled or glazed or fully glazed fixed in position including chowkhat, holdfast, hinges, tower bolt rubber stop cleats/G I clamp, handles and chord with hooks etc. complete (excluding sliding bolts or lock). S.I C-10/71 Pg. # 56)				
b)	2" thick.	62.40	P.Sft	3,279.20	204,622.08
25.	Providing and fixing Gutka Brick facing 2 1/2"x 9"x2 1/4" size of approved design set in cement mortar 1:3 i/c filling the joints with white cement slurry colour pigment for matching i/c leveling smooth finishing, curing and scaffolding etc complete as per specification and directed by the Engineer / Incharge.	1,600.00	Sft	531.28	850,048.00
SUB-TOTAL OF SCHEDULE ITEMS					7,957,927.31
ADD ABOVE/BELOW ON SCHEDULE ITEMS					



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
SUB-TOTAL WITH PREMIUM				=	
CIVIL WORK (NON SCHEDULE ITEMS)					
01.	Providing and laying of Granite 3/4" (19 mm) thick, including cutting, dressing, rubbing, polishing, and fixing in position on floor, wall surfaces, stair treads, and risers with cement slurry and approved adhesive, complete in all respects as per drawings, specifications, and the instructions of the Engineer Incharge	48.00	P.Sft		
02.	Providing and Fixing 600mm x 150mm x 20mm thick Porcelain Tile Skirting (Sample as approved by the Architects) to be fixed with 6mm thick tile adhesive including grouting, levelling, finishing, curing etc. Complete in all respects as per drawings details and Engineer Incharge.(Size ,tiles thickness & colour sample as approved by Architect/ engineer.)	27.07	Sft		
03.	Disposal of surplus material, excavated stuff, dismantled material, debris, building rubbish, including loading unloading, transporting from site to dumping yards. (Lead 10 Miles)	800.00	Cft		
04.	Providing and Fixing first class Mahagny wood wrought joinery in doors etc. fixed in position i/c chowkats holdfasts, hinges, iron, tower bolts, chocks, handles and cords with hooks etc panell and glazed or fully glazed and i/c the cost of wire gauze shutter.	86.40	P.Sft		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
ELECTRIC WORK					
(i) (SCHEDULE ITEMS)					
01.	Wiring for light or fan point with 3/.029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required. (S.I # 102, P.No 236)	40.00	Each	6,573.50	262,940.00
02.	Providing & Laying (Main or Sub Main) PVC insulated with size 2-7/.029 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (S.I # 10, P.No 229)	1,000.00	P.Rft	400.92	400,920.00
03.	Providing and laying (Main or Sub Main) PVC insulated with size 2-7/.036 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (S.I # 11, P.No 229)	300.00	P.Rft	506.75	152,025.00
03.	Wiring for call bell point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit on surface as required. (S.I # 109, P.No 236)	20.00	Each	6,331.76	126,635.20
SUB-TOTAL OF SCHEDULE ITEMS				=	942,520.20
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
ELECTRICAL WORK (NON SCHEDULE ITEMS)					
01.	Supply /Providing and fixing of Electric Main Panel including copper bus bar, brakers, wiring, volt meter lights, volt meter, main switch complete in all respects	1.00	Each		
02.	P/F flush type 2 Pin plug socket 10 amps Aqua Company Made in Germany or equivalent with fancy type board and sheet i/c necessary connection	10.00	Each		
03.	Providing & fixing 10 Amps Polycarbonate flame retardant S.P switch with fancy required gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.(E31-36/1/2A Clipsal make)				
a)	2 - Gang. (1-way)	5.00	Each		
b)	3 - Gang. (1-way)	5.00	Each		
c)	6 - Gang. (1-way)	4.00	Each		
d)	8 - Gang. (1-way)	4.00	Each		



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
04.	Providing and laying (MAIN or SUB MAIN) PVC insulated and PVC sheathed with 4 core unarmoured copper conductor in 600/1000 volts size 16mm ² .	500.00	P.Rft		
05.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with 4 core copper conductor 600/1000 volts size 35mm ² .	300.00	P.Rft		
06.	Providing & Fixing Brass Ceiling Fan 56" Inches (Good Quality).	6.00	Each		
07.	Providing & fixing A.C Electric Wall Bracket fan 18" (good quality)	6.00	Each		
08.	Providing and fixing three pin 10/15 amp plug & socket flush type.	10.00	Each		
09.	Providing and laying (Main or Sub Main) PVC insulated with size 2-7/.036 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required.	200.00	P.Rft		
10.	Supply & Fixing of LED Lights 18 / 25 watts round or square shape complete in all respect as per instruction of engineer incharge.	20.00	Each		
11.	Providing & Fixing 20watts 4ft-long LED tube light, complete in all respect.	5.00	Each		
12.	Providing & Fixing Bakelite ceiling rose with two terminals.	6.00	Each		
13.	Providing & fixing A.c ceiling fan regulator on metal board recessed in the walls column and covered with plastic sheet.	6.00	Each		
14.	Supply and fixing of PVC conduit pipe for cable i/c excavation, labor complete in all respect.	414.00	P.Rft		
15.	Providing and fixing mirror light fancy type with removable lamps 3 no foreign made i/c its necessary electric connection suitable for false ceiling etc complete	1.00	Each		
16.	Providing, Installation & Commissioning of 1 HP Suction Pump with Single Phase Motor (Copper Winding), including making of 1:3:6 CC Platform, Complete in all respect.	1.00	Each		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
PLUMBING WORK					
(i) (SCHEDULE ITEMS)					
01.	Providing, Laying Upvc pipes of Class'D' fixing in trench i/c cutting, fitting and jointing with solvent cement i/c. (S.I No 6 (f) & (h) / P.No 112).				-
a)	4" Dia UPVC	721.50	P.Rft	660.78	476,752.77
b)	6" Dia UPVC	326.00	P.Rft	1,391.07	453,488.82
SUB-TOTAL OF SCHEDULE ITEMS				=	930,241.59
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
PLUMBING WORK (NON SCHEDULE ITEMS)					
01.	P/F white / coloured glazed earthen ware wash basin of 24" x 18" size (Porta / USA make) with pedestal in/c necessary lead connection C.P waste waste pipe in/c making requisite number of holes in wall plinth or floor for pipe connection & making good in CC 1:2:4 as per instruction of Engineer Incharge	1.00	Each		
02.	S/F bath room accessories set (Sonex make) Superior material (7 pieces) in/c soap dish, looking mirror shelf tray, towel rail, paper holder etc complete	1.00	Each		
03.	Supplying and fixing a superior quality sink mixer cock with C.P. head, including all necessary connections and fittings, complete in all respects as per specifications and the directions of the Engineer Incharge.	1.00	Each		
04.	Providing & fixing 24"x18" bavelled mirror of Belgium glass complete with 1/8" thick hard board and C.P screws fixed to wooden pleat. (a) Standard Pattern.	1.00	Each		
05.	P/F Exhaust fan 10" plastic body/Metal body i/c imported GFC make or equivalent qty necessary electric connection etc complete	1.00	Each		



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
06.	Providing and fixing nylon connections (Master Chrome tube or chain) of approved quality, complete in accordance with specifications and as directed by the Engineer Incharge.	2.00	Each		
07.	Construction of Manhole i/c excavation, 1:4:8 block masonry 5" thick plastering outside inside i/c RCC manhole cover with angle iron framing size 1-1/2" x 1-1/2" x 1/4" GI sheet 12mm thick and Using steel solid bars 1/2" dia for supply 4' c/c and fixing curing and finishing etc complete	5.00	Each		
08.	Providing & fixing P.P.R pipe dia i/c cutting making jointing with switch pest with special approved quality i/c all cost of labour etc complete.				
a)	1/2" Dia PPR Pipe	100.00	P.Rft		
b)	3/4" Dia PPR Pipe	200.00	P.Rft		
c)	1" Dia PPR Pipe	300.00	P.Rft		
d)	2" Dia PPR Pipe	400.00	P.Rft		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
GRAND TOTAL				=	



GENERAL ABSTRACT

NAME OF WORK:- CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

S #	NAME OF COMPONENTS	AMOUNT	
	05 - FOOD PIAZZA		
A	CIVIL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
B	ELECTRICAL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
C	PLUMBING WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
	SUB-TOTAL	Rs.	



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
05 - FOOD PIAZZA					
CIVIL WORK (SCHEDULE ITEMS)					
01.	Clearing and grubbing the site by cutting, uprooting and removing all rubbish and shrubs including disposal to (outside limits) designated places. (HW/1 Pg. No. 211)	1,250.00	Sft	2.88	3,600.00
02.	Earth for slush or Daldal including dewatering. (C-1/16 Pg. No. 17)	3,677.34	Cft	9.51	34,971.50
03.	Excavation in foundation of Building Bridges and other structures including degubbing dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. (b) In Ordinary Soil Upto 5 ft. depth. within 50 ft. (C-1/18b & c Pg. No.17)	7,354.69	P.Cft	11.88	87,373.72
04.	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an ever all pre construction treatment in slab type construction under the slab and along attached perches or entrances etc, complete as per directions of Engineer Incharge. (S.I 92A Pg. No. 84)	2,536.75	P.Sft	11.46	29,071.16
05.	Random rubble masonry (uncoursed foundation & Plinth. (i) Dry Masonry (S.I No. C-6/1(i) / P-35)	1,268.38	P.Cft	114.07	144,584.11
06.	Cement concrete plain including placing compacting,finishing and curing complete (including screening and washing at stone aggregate without shuttering CC 1:4:8 (S.I No. 5-1 / P-24)	837.13	P.Cft	348.83	292,016.06
07.	Placing, compacting, finishing and curing of concrete using ordinary Portland Cement/ Sulphate resistant cement / Slag cement asmay be required: including screening, washing of aggregates and mixing of constituents using batching plant, transportation by transit mixer, pouring with pump in the required portion to achieve a cylindrical strength in the field as per ACI 214, with the specified consistency i/c the cost of shuttering, compaction with compactor, excluding the cost of admixture, as approved and directed by the Engineer Incharge.				
iii)	Ratio 3000 PSI (C-18/ 98(iii) Pg.No.85)	3,463.25	P.Cft	805.57	2,789,890.30
iv)	Ratio 4000 PSI (C-18/ 98(iv) Pg.No.85)	1,011.22	P.Cft	900.31	910,411.48
08.	Fabrication of deformed steel reinforcement for cement concrete including cutting, bending.	331.94	P.Cwt	18,934.02	6,284,958.60
09.	Filling, watering and ramming earth in floors with surplus earth from foundation etc. lead up to one chain and lift up to 5 feet.(C-1 Item 21 Page 4)	4,903.13	P.Cft	6.50	31,870.35
10.	Erection and removal of centering for R.C.C or plain cement concrete works of Partial wood Vertical Floor. (S.I C-4/19(b) Pg.#27	1,192.00	P.Sft	220.36	262,669.12
11.	Cement concrete plain 1 : 3 : 6 i/c placing compacting, finishing and curing, complete including screening and washing at stone aggregate without shuttering. (S.I No 5-h / P-24)	986.25	P.Cft	388.76	383,414.55
12.	Pacca brick work in ground floor in (including striking of joints). (c) Cement sand mortar. 1:4	2,201.71	P.Cft	397.85	875,950.32
13.	First Floor.	1,433.33	P.Cft	411.08	589,213.30
14.	Cement plaster 1:4 upto 12' height. 3/4" thick. (S.I. No. 11(c)/52)	6,514.39	P.Sft	53.82	350,604.47
15.	Cement plaster 1:5 upto 12' height. Upto 20 ft (6.10 metre) height.(S.I 12 (c) 3/8" thick.	3,257.19	P.Sft	52.01	169,406.45
16.	Providing and fixing in position doors, windows and ventilators of first class deodar wood frames, and 1-1/2" thick Teak wood ply shutters of second class deodar wood skeleton (Solid) styles and rails core of partial wood and commercial ply wood (3 ply) onboth sides including hold fasts, hinges, iron tower bolts, handles and cleats with cord etc, complete. (Sample as approved by architect/engineer incharge) (S.I C-10/58 Pg. No. 51)	326.75	P.Sft	2,763.94	903,117.40
17.	Providing and fixing G.I frames / Choukhats 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 i/c all carriage , tools and plants used in making and fixing. (S.I No 28/Page # 76)	81.69	P.Rft	908.25	74,194.94
18.	Preparing the surface and painting with matt finish i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink /chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc: complete .(newsurface three coat). (S.I. No. 36(a & b) P.No 54)	5,140.48	P.Sft	75.05	385,793.02
19.	2 coats of bitumen laidhot using34 lbs (1.72Kg/Sq per P.S fover roof and blinded with sand at 1 Cft per % Sf	538.50	P.Sft	47.84	25,761.84
20.	Providing and laying 1" thick topping of cement concrete (1:2:4) including Surface finishing and dividing into panels: 3" THICK	269.25	P.Sft	145.00	39,041.25
20.	Filling, watering and ramming earth under floor, with new earth (Excavated from outside) lift upto 5 ft and lead upto 10 miles including cost of earth. (S.I. No. 22/17)	7,354.69	P.Cft	47.02	345,817.52
21.	Split tiles 5-1/4x10-1/2x3/8" 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.)	60.00	P.Sft	515.00	30,900.00
22.	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing bricks/sand puer, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make. (S.I C-9/38-A Pg # 54)	263.67	P.Sft	39.38	10,383.32
23.	2nd & subsequent coat. (S.I C-9/38-B Pg # 54)	131.83	P.Sft	23.60	3,111.19
24.	Providing & Laying Afghan Ziarat white marble flooring fine dressedon the surface without winding set in fine mortar 1:2 including rubbing and polishing of the joints. (S.I C18/120 Pg. # 87)				
a)	3/4" thick marble	29.30	P.Sft	1,058.78	31,022.25



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
b)	1" thick marble	1,240.25	P.Sft	1,181.63	1,465,516.61
25.	First Class deodar wood wrought joinery in doors and windows etc. paneled or paneled or glazed or fully glazed fixed in position including chowkhat, holdfast, hinges, tower bolt rubber stop cleats/G 1 clamp, handles and chord with hooks etc. complete (excluding sliding bolts or lock). S.I C-10/71 Pg. # 56)				-
b)	2" thick.	78.00	P.Sft	3,279.20	255,777.60
26.	Providing and fixing Gutka Brick facing 2 1/2"x9"x2 1/4" size of approved design set in cement mortar 1:3 i/c filling the joints with white cement slurry colour pigment for matching i/c leveling smooth finishing, curing and scaffolding etc complete as per specification and directed by the Engineer / Incharge.	3,087.50	Sft	531.28	1,640,327.00
27.	Fabrication of heavy steel work with angles, tees, flat iron, round iron and sheet iron for making trusses, girders, tands, M.S Stair Railing etc. including cutting, tanks etc. including cutting, drilling rivetting, handling assembling and fixing but excluding erection in position.	44.29	P.Cwt	20,366.45	902,030.07
SUB-TOTAL OF SCHEDULE ITEMS				=	19,352,899.50
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
CIVIL WORK (NON SCHEDULE ITEMS)					
01.	Providing and laying of Granite 3/4" (19 mm) thick, including cutting, dressing, rubbing, polishing, and fixing in position on floor, wall surfaces, stair treads, and risers with cement slurry and approved adhesive, complete in all respects as per drawings, specifications, and the instructions of the Engineer Incharge	191.25	P.Sft		
02.	Providing, supplying, and constructing 4" thick perforated brick wall 1st class using approved quality exposed bricks laid in 3/4" thick cement sand mortar (1:2), in accordance with approved architectural drawings and specifications, including proper bonding, alignment, raking/finishing of joints, curing, scaffolding, labor, tools, transportation, loading/unloading and complete installation in all respects as approved by the Consultant/Architect.	54.38	Cft		
03.	Disposal of surplus material, excavated stuff, dismantled material, debris, building rubbish, including loading unloading, transporting from site to dumping yards. (Lead 10 Miles)	1,000.00	Cft		
04.	Providing and Fixing first class Mahagny wood wrought joinery in doors etc. fixed in position i/c chowkats holdfasts, hinges, iron, tower bolts, chocks, handles and cords with hooks etc paneled and glazed or fully glazed and i/c the cost of wire gauze shutter.	108.00	P.Sft		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
ELECTRIC WORK					
(i) (SCHEDULE ITEMS)					
01.	Wiring for light or fan point with 3/.029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required. (S.I # 102, P.No 236)	85.00	Each	6,573.50	558,747.50
02.	Providing & Laying (Main or Sub Main) PVC insulated with size 2-7/.029 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (S.I # 10, P.No 229)	3,500.00	P.Rft	400.92	1,403,220.00
03.	Providing and laying (Main or Sub Main) PVC insulated with size 2-7/.036 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (S.I # 11, P.No 229)	800.00	P.Rft	506.75	405,400.00
03.	Wiring for call bell point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit on surface as required. (S.I # 109, P.No 236)	20.00	Each	6,331.76	126,635.20
SUB-TOTAL OF SCHEDULE ITEMS				=	2,494,002.70
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
ELECTRICAL WORK (NON SCHEDULE ITEMS)					
01.	Supply /Providing and fixing of Electric Main Panel including copper bus bar, brakers, wiring, volt meter lights, volt meter, main switch complete in all respects	1.00	Each		
02.	P/F flush type 2 Pin plug socket 10 amps Aqua Company Made in Germany or equivalent with fancy type board and sheet i/c necessary connection	20.00	Each		
03.	Providing & fixing 10 Amps Polycarbonate flame retardant S.P switch with fancy required gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.(E31-36/1/2A Clipsal make)				
a)	2 - Gang, (1-way)	5.00	Each		
b)	3 - Gang, (1-way)	5.00	Each		
c)	6 - Gang, (1-way)	10.00	Each		
d)	8 - Gang, (1-way)	10.00	Each		
04.	Providing and laying (MAIN or SUB MAIN) PVC insulated and PVC sheathed with 4 core unarmoured copper conductor in 500/1000 volts size 16mm2.	800.00	P.Rft		
05.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with 4 core copper conductor 600/1000 volts size 35mm2.	300.00	P.Rft		
06.	Providing & Fixing Brass Ceiling Fan 56" inches (Good Quality).	10.00	Each		
07.	Providing & fixing A.C Electric Wall Bracket fan 18" (good quality)	3.00	Each		
08.	Providing and fixing three pin 10/15 amp plug & socket flush type.	10.00	Each		
09.	Providing and laying (Main or Sub Main) PVC insulated with size 2-7/.036 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required.	500.00	P.Rft		



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
10.	Supply & Fixing of LED Lights 18 / 25 watts round or square shape complete in all respect as per instruction of engineer incharge.	90.00	Each		
11.	Providing & Fixing 20watts 4ft-long LED tube light, complete in all respect.	10.00	Each		
12.	Providing & Fixing Bakelite ceiling rose with two terminals.	100.00	Each		
13.	Providing & fixing A/c ceiling fan regulator on metal board recessed in the walls column and covered with plastic sheet.	10.00	Each		
14.	Supply and fixing of PVC conduit pipe for cable i/c excavation, labor complete in all respect.	414.00	P.Rft		
15.	Providing and fixing mirror light fancy type with removable lamps 3 no foreign made i/c its necessary electric connection suitable for false ceiling complete	5.00	Each		
16.	Providing, Installation & Commissioning of 1 HP Suction Pump with Single Phase Motor (Copper Winding), including making of 1:3-6 CC Platform, Complete in all respect.	2.00	Each		
17.	Providing, Installation & Commissioning of 2 HP Suction Pump with Single Phase Motor (Copper Winding), including making of 1:3-6 CC Platform, Complete in all respect.	2.00	Each		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
PLUMBING WORK					
(i) (SCHEDULE ITEMS)					
01.	Providing, Laying Upvc pipes of Class D' fixing in trench i/c cutting, fitting and jointing with solvent cement i/c. (S.I No 6 (f) & (h) / P.No 112).				-
a)	4" Dia UPVC	150.00	P.Rft	660.78	99,117.00
b)	6" Dia UPVC	250.00	P.Rft	1,391.07	347,767.50
SUB-TOTAL OF SCHEDULE ITEMS				=	446,884.50
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
PLUMBING WORK (NON SCHEDULE ITEMS)					
01.	P/F white / coloured glazed earthen ware wash basin of 24" x 18" size (Porta / USA make) with pedestal i/c necessary lead connection C.P waste waste pipe i/c making requisite number of holes in wall plinth or floor for pipe connection & making good in CC 1:2:4 as per instruction of Engineer Incharge	4.00	Each		
02.	S/F bath room accessories set (Sonex make) Superior material (7 pieces) i/c soap dish, looking mirror shelf tray, towel rail, paper holder etc complete	4.00	Each		
02.	Supply and installation of floor waste (drain) made of high - quality material, complete with removable grating, trap, and necessary accessories for efficient drainage. Properly fixed in floor with slope for smooth water flow, sealed to prevent leakage, and in accordance with provided specifications.	4.00	Each		
03.	Supplying and fixing a superior quality sink mixer cock with C.P. head, including all necessary connections and fittings, complete in all respects as per specifications and the directions of the Engineer Incharge.	1.00	Each		
03.	Providing & fixing 24"x18" bevelled mirror of Belgium glass complete with 1/8" thick hard board and C.P screws fixed to wooden plait. (a) Standard Pattern.	4.00	Each		
04.	Providing and fixing nylon connections (Master Chrome tube or chain) of approved quality, complete in accordance with specifications and as directed by the Engineer Incharge.	8.00	Each		
04.	Construction of Manhole i/c excavation, 1:4:8 black masonry 5" thick plastering outside inside i/c RCC manhole cover with angle iron framing size 1-1/2" x 1-1/2" x 1/4" GI sheet 12mm thick and Using steel solid bars 1/2" dia for supply 4" c/c and fixing curing and finishing etc complete	5.00	Each		
05.	Providing & fixing P.P.R pipe dia i/c cutting making jointing with switch pest with special approved quality i/c all cost of labour etc complete.				
a)	1/2" Dia PPR Pipe	100.00	P.Rft		
b)	3/4" Dia PPR Pipe	200.00	P.Rft		
c)	1" Dia PPR Pipe	100.00	P.Rft		
d)	2" Dia PPR Pipe	200.00	P.Rft		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
GRAND TOTAL				=	



GENERAL ABSTRACT

**NAME OF WORK:- CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI
KHUDA BUX BHUTTO**

S #	NAME OF COMPONENTS	AMOUNT	
	06 - MUSEUM		
A	CIVIL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
B	ELECTRICAL WORK		
ii	NON-SCHEDULE ITEMS	Rs.	
C	HVAC WORK		
ii	NON-SCHEDULE ITEMS	Rs.	
D	FIRE SUPPRESSION SERVICES		
ii	NON-SCHEDULE ITEMS	Rs.	
	SUB-TOTAL	Rs.	



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
06 - MUSEUM					
CIVIL WORK (SCHEDULE ITEMS)					
01.	Clearing and grubbing the site by cutting, uprooting and removing all rubbish and shrubs including disposal to (outside limits) designated places. (HW/1 Pg. No. 211)	6,000.00	Sft	2.88	17,280.00
02.	Earth for sash or Daldal including dewatering. (C-1/16 Pg. No. 17)	18,495.00	Cft	9.51	175,887.45
03.	Excavation in foundation of Building Bridges and other structures including degubbing dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. (b) In Ordinary Soil Upto 5 ft. depth. within 50 ft. (C-1/18b & c Pg. No.17)	36,990.00	P.Cft	11.88	439,441.20
04.	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an over all pre construction treatment in slab type construction under the slab and along attached perches or entrances etc, complete as per directions of Engineer Incharge. (S.I 92A Pg. No. 84)	14,356.63	P.Sft	11.46	164,526.98
05.	Random, rubble masonry (uncoursed foundation & Plinth. (a) Dry Masonry (S.I No. C-6/16) / P-35)	7,178.31	P.Cft	114.07	818,829.82
06.	Cement concrete plain including placing compacting,finishing and curing complete (including screening and washing at stone aggregate without shuttering CC 1:4:8 (S.I No. 5-1 / P-24)	10,504.57	P.Cft	348.83	3,664,309.15
07.	Placing, compacting, finishing and curing of concrete using ordinary Portland Cement/ Sulphate resistant cement / Slag cement asmay be required; including screening, washing of aggregates and mixing of constituents using batching plant, transportation by transit mixer, pouring with pump in the required portion to achieve a cylindrical strength in the field as per ACI 214, with the specified consistency i/c the cost of shuttering, compaction with compactor, excluding the cost of admixture, as approved and directed by the Engineer Incharge.				
iii)	Ratio 3000 PSI (C-18/ 98iii) Pg.No.85]	13,742.63	P.Cft	805.57	11,070,650.45
iv)	Ratio 4000 PSI (C-18/ 98iv) Pg.No.85]	1,346.06	P.Cft	900.31	1,211,871.28
08.	Fabrication of deformed steel reinforcement for cement concrete including cutting, bending.	538.88	P.Cwt	18,934.02	10,203,164.70
09.	Fabrication of heavy steel work with angles, tees, flat iron, round iron and sheet iron for making trusses, girders, tanks, M.S Stair Railing etc. including cutting, tanks etc. including cutting, drilling riveting, handling assembling and fixing but excluding erection in position.	39.37	P.Cwt	20,366.45	801,827.14
10.	Filling, watering and ramming earth in floors with surplus earth from foundation etc. lead up to one chain and lift up to 5 feet. (C-1 Item 21 Page 4)	24,660.00	P.Cft	6.50	160,290.00
11.	Erection and removal of centering for R.C.C or plain cement concrete works of Partial wood Vertical Floor. (S.I C-4/19(b) Pg.#27	4,830.00	P.Sft	220.36	1,064,338.80
12.	Cement concrete plain 1 : 3 : 6 i/c placing compacting, finishing and curing, complete including screening and washing at stone aggregate without shuttering. (S.I.No 5-h / P-24)	2,415.00	P.Cft	388.76	938,855.40
13.	Pacca brick work in ground floor in (including striking of joints).(c) Cement sand mortar. 1:4	7,143.00	P.Cft	397.85	2,841,842.55
14.	First Floor.	3,400.32	P.Cft	411.08	1,397,803.55
15.	Cement plaster 1:4 upto 12' height 3/4" thick. (S.I. No. 11(c)/52)	12,695.33	P.Sft	53.82	683,262.66
16.	Cement plaster 1:5 upto 12' height. Upto 20 ft (6.10 metre) height.(S.I 12 (c) 3/8" thick.	12,695.33	P.Sft	52.01	660,284.11
17.	Providing and fixing in position doors, windows and ventilators of first class deodar wood frames, and 1-1/2" thick Teak wood ply shutters of second class deodar wood skeleton (Solid) styles and rails core of partial wood and commercial ply wood (3 ply) unboth sides including hold fasts, hinges, iron tower bolts, handles and cleats with cord etc, complete. (Sample as approved by architect/engineer incharge) (S.I C-10/58 Pg. No. 61)	500.00	P.Sft	2,763.94	1,381,970.00
18.	Providing and fixing G.I frames / Choukhats 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 i/c all carriage , tools and plants used in making and fixing.(S.I No 28/ Page # 76)	250.00	P.Rft	908.25	227,062.50
19.	Priming Coat of Chalk Distemper. (S.I C-9/23 Pg. No. 53)	5,747.35	P.Sft	3.59	20,632.99
20.	Preparing the surface and painting with matt finish i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink /chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc, complete .(newsurface three coat). (S.I. No. 36(a & b) P.No 54)	6,163.99	P.Sft	75.05	462,607.45
21.	2 coats of bitumen laidhot using34 lbs (1.72Kg/Sq per P.S ftover roof and blinded with sand at 1 Cft per % Sf	5,566.90	P.Sft	47.84	266,320.50
22.	Providing and laying 1" thick topping of cement concrete (1:2:4) including Surface finishing and dividing into panels: 3' THICK	5,566.90	P.Sft	145.00	807,200.50
23.	Filling, watering and ramming earth under floor with new earth (Excavated from outside) lift upto 5 ft and lead upto 10 miles including cost of earth. (S.I. No. 22/17)	26,094.84	P.Cft	47.02	1,226,979.38
24.	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing bricks/sand paer, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make. (S.I C-9/38-A Pg # 54)	1,516.24	P.Sft	39.38	59,709.53
25.	2nd & subsequent coat. (S.I C-9/38-B Pg # 54)	1,212.99	P.Sft	23.60	28,626.56
26.	Providing & Laying Afghan Ziarat white marble flooring fine dressedon the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (S.I C18/120 Pg. # 87)	-	-	-	-
a)	3/4" thick marble	242.76	P.Sft	1,058.78	257,029.43
b)	1" thick marble	4,581.29	P.Sft	1,181.63	5,413,389.70
27.	First Class deodar wood wrought joinery in doors and windows etc, panelled or panelled or glazed or fully glazed fixed in position including chewkhat, holdfast, hinges, tower bolt rubber stop cleats/G I clamp,handles and chord with hooks etc, complete (excluding sliding bolts or lock). (S.I C-10/71 Pg. # 56)	-	-	-	-



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
b)	2" thick.	210.00	P.Sft	3,279.20	688,632.00
28.	Providing and fixing Gutka Brick facing 2 1/2" x 9" x 2 1/4" size of approved design set in cement mortar 1:3 i/c filling the joints with white cement slurry colour pigment for matching i/c leveling smooth finishing, curing and scaffolding etc complete as per specification and directed by the Engineer / Incharge.	5,726.61	Sft	531.28	3,042,433.36
SUB-TOTAL OF SCHEDULE ITEMS				=	50,197,059.14
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
CIVIL WORK (NON SCHEDULE ITEMS)					
01.	Providing, supplying, fabricating, and installing Deodar wood jharoka of approved traditional design, size, and profile, manufactured from seasoned Deodar wood, including carved panels, decorative brackets, side frames, canopy, balustrades, shutters/screens, and ornamental detailing as per approved architectural drawings, fixed with necessary wooden/MS supports and framing, including sanding, polishing, lacquer/PU finish, hardware, joinery work, cutting, alignment, accessories, labor, tools, scaffolding, transportation, loading/unloading and complete installation in all respects as approved by the Consultant/Architect.	254.20	Sft		
02.	Disposal of surplus material, excavated stuff, dismantled material, debris, building rubbish, including loading/unloading, transporting from site to dumping yards. (Lead 10 Miles)	2,242.00	Cft		
03.	Providing, fabricating, supplying and installing complete Showcase as per approved drawings and specifications, comprising powder-coated aluminium frame, 12mm laminated toughened low-iron safety glass with UV filter, display plinth/base, lockable rear glass doors, LED linear lighting with driver and wiring, complete with all required channels, gaskets, sealants, hardware, fixing accessories, MS supports, transportation, fabrication, installation, testing, cleaning and all allied works complete in all respects as approved by Architect/Consultant.	3,158.40	Sft		
04.	Providing and fixing 8mm thick clear tempered glass shelf, cut to required size and shape, including all necessary SS/glass shelf supports, brackets, channels, edge polishing, fixing accessories, silicone sealant and installation complete in all respects as per drawings and approved by Engineer/Architect.	1,034.43	Sft		
05.	Providing, supplying and fixing 1 1/2" x 1 1/2" handmade glazed Kashi tiles of approved traditional blue colour, shade, pattern and quality, including adhesive/mortar, joining, grouting, cutting, wastage, fixing, cleaning and all labour and accessories, complete as per approved drawings and Engineer's instructions.	1,200.00	Sft		
06.	Providing, fabricating and fixing 12 mm tempered glass sliding door in powder-coated AA-6063 aluminium frame, including top/bottom tracks, rollers, handles, locks, stoppers, gaskets, silicone sealant and all necessary fittings, complete in all respects as per drawings and Consultant/Engineer's instructions.	516.60	Sft		
07.	Providing and fixing first class Mahagany wood wrought joinery in doors etc. fixed in position i/c chowkats holdfasts, hinges, iron, tower bolts, chocks, handles and cords with hooks etc panelled and glazed or fully glazed and i/c the cost of wire gauze shutter.	120.00	P.Sft		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
ELECTRICAL WORK (NON SCHEDULE ITEMS)					
	The Contractor is referred to the specifications and drawings for all details related to the works and he is to include for complying with all the requirements contained therein, whether or not they are specifically mentioned within the items. All Tender documents (Drawings, Bill of quantities, Specifications) are integrated documents and complete each other. Workshop drawings and frames for approval before supply and installation (as per approved sample).				
1	LV-Switchgear				
	SUB MAIN DISTRIBUTION BOARDS				
1.1	Supply, installation, testing and commissioning of following Wall/Flush mounted Sub Main Distribution Board (SMDB) (Form-2b, Type-2) with incoming and outgoing circuit breakers and other components as per SLD with cable terminations, made with 16 SWG sheet steel metal housing powder coated with approved color (as per specifications), dust protected, vermin proof housing having all the necessary switching & protections, including Pull Boxes, all mounting accessories etc., as per specifications and drawings, complete in all respect.				
a	SMDB-MU	1.00	No.		
	DISTRIBUTION BOARDS				
1.2	Supply, installation, testing and commissioning of following Wall/Flush mounted Distribution Boards (DB) (Form-2a) with incoming and outgoing circuit breakers and other components as per SLD with cable terminations, made with 16 SWG sheet steel metal housing powder coated with approved color (as per specifications), dust protected, vermin proof housing having all the necessary switching & protections, including Pull Boxes, all mounting accessories etc., as per specifications and drawings, complete in all respect.				
a	DB-MU	1.00	No.		
b	FP-HVAC-MU-IP64	1.00	No.		
2	LV CABLES AND WIRES				
	LV CABLES				
	Supply, laying, termination, tagging, testing and commissioning of following size copper conductor multi core, Cu/PVC/PVC unarmoured, 0.6 kV/1 kV voltage grade copper cable in already laid conduit / cable tray / trench including all accessories, lugs, cable gland etc. as per drawings and specifications, complete in all respect. Note: Contractor is advised to confirm the actual running length before commencement of work.				
2.2	From SMDB's to DB's				
a	4C-35 Sq.mm Cu/PVC/PVC + 1C-16 Sq.mm Cu, PVC/YG E.C.C	42.00	Rm.		



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
b	4C-50 Sq.mm Cu/PVC/PVC + 1C-25 Sq.mm Cu. PVC/YG E.C.C	8.00	Rm.		
3	CABLE CONTAINMENT				
	CONDUITS & PIPES				
3.1	Supply and laying of following size (inner dia) PVC Conduit / uPVC Class-D/E Pipe / Flexible PVC Conduit / GI Pipe as raceways for Power & ELV cables, recessed / surface on wall / ceiling / column / under floor etc., including all accessories as per drawings and specification etc., complete in all respect				
a	38 mm dia uPVC Pipe (Class-D)	15.00	Rm.		
	CABLE TRAYS				
3.2	Supply, fabricating, erecting, fixing and installing of following size of base perforated Powder coated (Black color) Cable Tray with cover for Power & ELV Cables, fabricated with 14/16 SWG MS Sheet Steel including all installation accessories (ensure 80um microns) such as appropriate sizes and lengths of MS Rod / Angle Iron Supports and Rawl Bolts, including cutting, welding, jointing and necessary required hardware etc. Complete in all respect as shown in drawings and specification or as directed by the Engineer. Note: Contractor must provide cable tray base for roof cable trays, as per drawings and details.				
a	150 mm x 50 mm	15.00	Rm.		
	PULL BOXES				
3.3	Supply and installation of following size MS Powder coated Pull Boxes with all installation accessories, as per specifications, drawings and approved brands, complete in all respect.				
a	300 mm x 100 mm	1.00	No.		
b	200 mm x 100 mm	1.00	No.		
c	100 mm x 100 mm	2.00	No.		
d	100 mm x 50 mm	1.00	No.		
	Total Amount of Section Cable Containment				
4	WIRING ACCESSORIES				
	SWITCHES & SOCKETS				
4.1	Supply, installation, testing and commissioning of following 10/13/15/20A, gang type switches, Dimmer Switches, Sockets (excluding back boxes), recessed in wall / column / ceiling / floor, finishes to be as per specifications and ID requirements, with all accessories, complete in all respects. Note: Approved brands for Switch & Socket are as follows: * Clipsal, Schneider Electric (Pieno Series) * M.K (Wide Rocker Series) * BG (Evolve Series)				
a	Two Gang Switch 10A	5.00	No.		
b	Three Gang Switch 10A	4.00	No.		
c	Four Gang Switch 10A	3.00	No.		
d	13A, International / Universal Switch Socket Outlet	2.00	No.		
e	15A, 3-Pin Switch Socket Outlet	2.00	No.		
f	16A, SP Industrial Socket	1.00	No.		
g	32A, 3-Pin Industrial Socket	1.00	No.		
h	20A DP AC Switch	2.00	No.		
	FLOOR BOXES				
4.2	Supply, installation, testing and commissioning of Floor Box (imported), 14 SWG Sheet Steel with all accessories, as per drawings, specifications and site requirements, complete in all respect. Note: Excluded of all Sockets and Face plates.	3.00	No.		
	ISOLATORS				
4.3	Supply, installation, testing and commissioning of following Isolators in 16 SWG sheet steel enclosure with neutral and earth terminal strips, including all mounting accessories as per specifications and drawings, complete in all respect.				
a	32A, TPN Weatherproof type Isolator	1.00	No.		
b	20A, SPN Weatherproof type Isolator	1.00	No.		
c	20A, TPN Weatherproof type Isolator	2.00	No.		
5	LIGHT FIXTURES & FANS				
	LIGHT FIXTURES				
5.1	Supply, installation, testing and commissioning of following Light Fixtures complete with starters, Electronic ballast (mention otherwise), lamps, drivers, mounting accessories etc., complete in all respects. Lighting fixtures Sample must be submitted to consultant for approval. (For complete detail references of Light Fixtures, please refer to Light Fixture Schedules)				
a	Ceiling Recessed mounted LED Downlight Fixture (IP-20) with Aluminum / Die Cast Housing, Glass cover and 30W LED lamp	7.00	No.		
b	Suspended mounted LED Pendant Light Fixture (IP-20) with Aluminum Housing and 15W LED lamp	14.00	No.		
c	Surface mounted LED Strip Light, 14.4 W/m (or 15W/m), 3000K Warm White, complete with aluminum profile & driver	300.00	Rm.		
d	6W Exit Light with direction sign as per drawing	1.00	No.		
6	WIRING & CABLING FOR LIGHTS, FANS, SOCKETS & HVAC				
	LIGHT WIRING				



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
6.1	Supply, laying, tagging, testing and commissioning of Circuit wiring from DB to Switchboard including wiring between switch on the same circuit with 2x2.5 Sq.mm Cu/PVC + 1x2.5 Sq.mm Cu/PVC as ECC single core wires in 25mm dia PVC conduit surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawing and specification, complete in all respect.	3.00	No.		
6.2	Supply, laying, tagging, testing and commissioning of Point wiring for light/fan point from Switch Board to Light/fan Point with 3x1.5 Sq.mm Cu/PVC single core wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawing and specification, complete in all respect.	14.00	No.		
6.3	Supply, laying, tagging, testing and commissioning of Point wiring from Light/fan point to Light/fan point with 3x2.5 Sq.mm Cu/PVC single core wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawing and specification, complete in all respect.	20.00	No.		
	EMERGENCY / EXIT LIGHT WIRING				
6.4	Supply, laying, tagging, testing and commissioning of Circuit wiring for Emergency / Exit Lights from DB to 1st light point with 2.5 Sq.mm Cu/PVC + 1.5 Sq.mm Cu/PVC as ECC single core wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawings and specifications, complete in all respect.	1.00	No.		
6.5	Supply, laying, tagging, testing and commissioning of Point wiring for Emergency / Exit Lights from Light Point to Light Point with 2.5 Sq.mm Cu/PVC single core wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling etc., including with all conduit accessories, as per drawings and specifications, complete in all respect.	1.00	No.		
	POWER WIRING				
6.6	Supply, laying, tagging, testing and commissioning of wiring for 15A / 13A Socket outlet (near by to DB) with 2x4 Sq.mm Cu/PVC + 1x4 Sq.mm Cu/PVC as ECC single core wires in 25mm dia PVC conduit, surface / recessed in wall, column, ceiling, under floor etc. including with all conduit accessories, as per drawing and specification, complete in all respect.				
a	DB to Socket outlet	6.00	No.		
b	Socket to Socket outlet	10.00	No.		
	HVAC CABLING				
6.7	Supply, laying, termination, tagging, testing and commissioning of following size copper conductor multi core, Cu/PVC/PVC-unarmoured, 0.6 kV/1 kV voltage grade copper cable in already laid conduit / cable tray / trench including all accessories, lugs, cable gland etc. as per drawings and specifications, complete in all respect. Note: Contractor is advised to confirm the actual running length before commencement of work.				
a	4C-50 Sq.mm Cu. PVC/PVC + 1C-25 Sq.mm Cu. PVC/YG E.C.C.	10.00	Rm.		
b	4C-35 Sq.mm Cu. PVC/PVC + 1C-16 Sq.mm Cu. PVC/YG E.C.C.	45.00	Rm.		
7	UPS SYSTEM				
7.1	Supply, installation, testing and commissioning of True Online Double Conversion UPS rating 10 kVA, 400V input voltage, 3 Phase in, 3 Phase out, input power factor ≥ 0.99 at full load and rated voltage, with 10 minutes battery backup, including batteries, related DC cables from UPS to batteries, external By-pass, lifting, placement and all accessories as per specifications and drawings, complete in all respect.	1.00	No.		
8	VOICE, DATA COMMUNICATION & CCTV CABLING SYSTEMS (Passive Equipment Only)				
	Supply, installation, testing and commissioning of following Data / Voice items, as per the single line diagram and specification, complete in all respect.				
8.1	Supply, laying, termination, testing and commissioning of CAT 6 - 4 pair cable for Data, Voice, Camera & Wifi in 25mm dia PVC conduit, concealed / surface, recessed in wall, column, ceiling, under floor etc. from each outlet to IT rack, including tagging and piping with all necessary accessories, complete in all respect.	1.00	No.		
8.2	Supply, installation, testing and commissioning of Single RJ-45, Cat-6 outlet for Voice with I/O - shutter type including tagging, as per drawing and specification, complete in all respect.	2.00	No.		
8.3	Supply, installation, testing and commissioning of Single RJ-45, Cat-6 outlet for Data with I/O - shutter type including tagging, as per drawing and specification, complete in all respect.	2.00	No.		
8.4	Supply, installation, testing and commissioning of Dual RJ-45, Cat-6 Outlet for Voice and Data with I/O - shutter type including tagging, as per drawing and specification, complete in all respect.	1.00	No.		
8.5	Supply, installation, testing and commissioning of 24 port shutter type Cat 6, RJ 45 UTP Patch Panel fully loaded with tool less jacks and rear cable manager, as per drawing and specification, complete in all respect.	1.00	No.		
8.6	Supply, installation, testing and commissioning of CAT-6 UTP (RJ-45 to RJ-45) for the above Patch Panels including with all necessary accessories, as per drawing and specification, complete in all respect. (As per required quantity)				
a	CAT-6 (1m) Long Patch Cord	3.00	No.		
b	CAT-6 (3m) Long Patch Cord	3.00	No.		
8.7	Supply, installation, testing and commissioning of Fiber Optic Patch Cords certified of specified color at both ends for communication with SC/LC/APC connector. (As per requirement depends on active part)				
a	3m Long Patch Cord	1.00	No.		
	Total Amount of Section Voice, Data Communication & CCTV Cabling Systems				
9	PUBLIC ADDRESS / VOICE EVACUATION SYSTEM				



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SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
	Supply, installation, testing and commissioning of following items for Public Address / Voice Evacuation & Background Music System, described below including all accessories, mounting brackets, installation accessories, wiring etc. as per drawings and specifications, complete in all respect.				
9.1	Supply, laying, tagging, termination, testing and commissioning of wiring for complete PA / Voice Evacuation & Background Music System with 2C-2.5 Sq.mm PVC/PVC Flexible Cable in 25 mm dia PVC conduit, recessed / surface / ceiling, as per drawing and specification. Complete in all respect.	350.00	Rm.		
9.2	Supply, wiring and testing of PA Audio Microphone points with flexible Microphone Cable and Swiss Jacks in 25mm dia PVC Conduit, recessed / surface in wall / column and ceiling, as per drawing & specification, complete in all respects.	2.00	Job		
9.3	Supply, installation, testing and commissioning of PA / Voice Evacuation & Background Music System, comprising of the following equipment with complete connecting accessories, as per drawing and specification, complete in all respects.				
a	IP Based System Manager 5 Zone with built in Emergency Voice Alarm Modular type message manager, 8 Dry Contacts for Fire, EN-54 Comply etc. as per drawing and specification, complete in all respects.	1.00	No.		
b	Powser supply manager with RJ45 female connector for connecting the system and cascade connection with shielded twisted pair straight cable and with indications battery check, charging circuit failure, battery failure (EN54 compliant), as per drawing and specification, complete in all respects.	1.00	No.		
c	Multiple channel 300W, Power Amplifier with Microphone Inputs, as per drawing and specification, complete in all respects.	1.00	No.		
10	CCTV SYSTEM				
	Supply, installation, tagging, testing and commissioning of following items for CCTV System complete with power cord, interconnecting cables, mounting brackets and other all fixing accessories, as per the single line diagram and specification, complete in all respect.				
10.1	Supply, installation, tagging, testing and commissioning of 2 MP IP based Dome camera (Professional Series), Weatherproof (IP66), with 1/2.8" CMOS 3.3 to 12mm varifocal lens, power adapter, complete in all respect with fixing accessories, as per drawing and specifications, complete in all respect.	2.00	No.		
10.2	Supply, installation, tagging, testing and commissioning of 16 Channel NVR with RAID 1+0 configuration based, built-in VMS built-in 4TB HDD for 24/7 recording with integral access slots for HDD suspension bays required for 30 days storage capability, Server & client Licenses, as per drawing and specifications, complete in all respect.	1.00	No.		
11	ADDRESSABLE FIRE ALARM SYSTEM				
	Supply, installation, testing and commissioning of following items for Addressable Fire Alarm System, described below including all accessories, as per the single line diagram and specification, complete in all respect.				
11.1	Supply, laying, termination, tagging, testing and commissioning of wiring for complete Fire Alarm System with 2C 1.5 Sq.mm shielded, twisted pair Fire Resistant Cable (2 hrs. rated) in 25mm dia PVC conduit, (M.S conduit for surface.) etc., including any wiring between fire alarm control panel and other's systems control panel's etc. as per drawing and specification. Complete in all respect.	110.00	Rm.		
11.2	Supply, installation, testing and commissioning of Addressable Photoelectric Smoke Detector with base and back box, as per drawing and specification, complete in all respect.	3.00	No.		
11.3	Supply, installation, testing and commissioning of Addressable Heat Detector with base and back box, as per drawing and specification, complete in all respect.	2.00	No.		
11.4	Supply, installation, testing and commissioning of Addressable Manual Pull Station / Call Point with base and back box, as per drawing and specification, complete in all respect.	1.00	No.		
11.5	Supply, installation, testing and commissioning of Addressable Manual Pull Station / Call Point (Weatherproof) with base and back box, as per drawing and specification, complete in all respect.	1.00	No.		
11.6	Supply, installation, testing and commissioning of Addressable Sounder with flasher / Strobe and base and back box, as per drawing and specification, complete in all respect.	1.00	No.		
11.7	Supply, installation, testing and commissioning of C2 Loop Addressable Fire Alarm Control Panel including all necessary accessories, BACnet Card for interfacing of Panels, identification tagging etc. and 3Hrs battery back up. FACP as per drawing and specification, complete in all respect.	1.00	No.		
11.8	Supply, installation, testing and commissioning of Repeater Fire Alarm Control Panel including all necessary accessories, identification tagging etc. and 3Hrs battery back up. FACP as per drawing and specification, complete in all respect.	1.00	No.		
11.9	Testing and commissioning, Software, Programming by Manufacturer Authorized Agent / Dealer and handing over complete Fire Alarm system to owner with providing training, SOP, complete equipment's manual and warranty documents to Owner's Representative.	1.00	Job		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:					=
HVAC WORK (NON SCHEDULE ITEMS)					
1	Supply and installation of SCH-40 pipes & fittings with 3/8" thick expanded rubber foam insulation, PVC tape wrapping for condensate drain including support & hangers, excavation, cutting, chiseling and making good complete in all respects ready to operate as per specification, drawings and as per instruction of consultant.				
	G.I make medium quality for external area				
i.	1" dia	2.00	Rft		
ii.	1.25" dia	28.00	Rft		
iii.	1.5" dia	20.00	Rft		
iv.	2" dia	1.00	Rft		



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
2	Supply, installation, testing and commissioning of smoke extraction fans with control panels as per mentioned in schedule, including primary and fire rated secondary/emergency supply & installation of vibration isolator, flexible duct connection / connector, support & hangers, power wiring from isolation box to unit (10' to 15' radius) etc, complete in all respects ready to operate as per drawings, specification and as per instruction of consultant.				
i.	RF EAF-02	1.00	Nos.		
ii.	RF-FAF-02	1.00	Nos.		
3	Supply, fabrication and installation of machine made G.I sheet metal duct (Z-275 galvanized) different sections supply, return, fresh & exhaust air including plenums, splitter dampers, guide vanes, flexible duct connector/connection, access door, transformation, plenums chambers, wooden frame, anchors supports & hangers complete in all respects ready to operate as per drawings, specification, instruction of consultant.	1,600.00	Sqft		
4	Supply & installation of 3/4" thick adhesive rubber foam (XLPE) insulation with aluminum foil facing over internal area duct, complete in all respects ready to operate as per specification, drawings and as per instruction of consultant.	2,800.00	Sqft		
5	Supply & installation of 2" thick Pre Formed Polyurethane insulation (Bituminous Kraft Paper Facing, 50 kg/m3 density for external area duct, complete in all respects ready to operate as per drawings, specification, instruction of consultant.	2,000.00	Sqft		
6	Supply, fabrication and installation of 26 SWG gauge G.I. cladding for external area ducting etc. complete in all respects ready to operate as per drawings, specification, instruction of consultant.	2,000.00	Sqft		
7	Supply & installation of acoustical duct sound liner rubberfoam adhesive 1/2" thick in supply air duct complete in all respects ready to operate as per specification, drawings and as per instruction of consultant.	800.00	Sqft		
8	Supply & installation of aluminum fabricated powder coated exhaust & fresh Air louvers including wooden frame, rain protection sheet bird mesh etc complete in all respects ready to operate as per specification, drawings and as per instruction of consultant.				
i.	Louvers	7,200.00	Sqin		
9	Supply, installation of Aluminum fabricated, powder coated Grills, Diffusers and Registers for supply air, return air, exhaust air & fresh air of different sizes (Grade A), wooden frame, supports and other accessories etc. complete in all respects ready to operate as per specification, drawings and as per instruction of Consultant.				
i.	Supply & Return Air Register / Diffuser with Damper	6,800.00	Sqin		
ii.	Grills	800.00	Sqin		
iii.	S.S Mesh with G.I Frame	6,000.00	Sqin		
10	Supply & installation of Volume Control Damper in 16 SWG G.I sheet metal with gas kits, nut bolts, complete in all respects ready to operate as per specification, drawings and as per instruction of Consultant.	800.00	Sqin		
11	Supply and installation of Back Draft Damper in MS Sheet with gas kits, nut bolts, complete in all respects ready to operate as per specification, drawings & as per instruction of Consultant.	1,600.00	Sqin		
12	Supply and installation of Fire Damper with linkage & fuse complete in all respects ready to operate as per specification, drawings & as per instruction of Consultant.	800.00	Sqin		
13	Supply & installation of Motorized Damper with gas kits, nut bolts, including pressure transmitter, controller, control wiring & power wiring, complete in all respects, ready to operate as per specification, drawings & as per instruction of Consultant.	800.00	Sqin		
14	Operations and Maintenance (O&M) services for a period of 12 months (after DLP period), including regular maintenance, inspections, troubleshooting, and repairs.	1.00	Job.		
15	Painting & Identification work on supports, hangers, platform of condensing units etc complete in all respects with one coat of ICI make Red lead oxide primer & two coats of ICI make enamel paint complete in all respects ready to operate as per drawings, specification, instruction and approval of Consultant.	1.00	Lot		
16	Testing, balancing and commissioning of air side of the system (from independent agency) complete in all respects including air measurement & balancing, temp, pressure & electrical data of related equipment etc. complete in all respects ready to operate as per specification, drawings and as per instruction of Consultant.	1.00	Job.		
17	Making of Shop drawings on Auto CAD latest version with section details, equipment foundation details and Making of As Built drawings, Documentation Technical / Operational Manual & LOG Book for each equipment complete in all respects ready to operate as per specification, drawings and as per instruction of Consultant.	1.00	Job.		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:					=
FIRE SUPPRESSION SERVICES (NON SCHEDULE ITEMS)					
	Supply, installation, testing & commissioning of fire suppression services including all equipment, pipe works and accessories ready to operate as per specifications, drawings and instructions of Consultants.				
1	Fire hose cabinet double height 32" x 60" x 14", stainless steel front, powder coated back including 1" dia x 100 Rft. rubber hose reel, nozzle guide, lock shield valve, pressure regulating valve, automatic 180 deg. swing type, with 2-1/2" dia size landing valve, and 2-fire extinguishers as shown on drawing.				
i.	Type FHC-LV	1.00	Nos.		
2	2-1/2" dia Landing valves.	1.00	Nos.		
3	MS Sch-40 seamless pipes including all specials M.I & D.I threaded & welded joint fittings UL listed FM approved, flexible pipe, flanges, coupling, masking plates, bends, tees, clamps, connector/ adaptor, supports and hangers, sleeves, masking plates chiseling, cutting holes, making good where required, painting and protection treatment etc. Complete in all respects.				
i.	Dia. 1" (Threaded fitting)	320.00	Rft.		
ii.	Dia. 1 1/4" (Threaded fitting)	100.00	Rft.		



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
iii.	Dia. 1-1/2" (Threaded fitting)	20.00	Rft.		
iv.	Dia. 2" (Threaded fitting)	40.00	Rft.		
v.	Dia. 2-1/2" (Welded joints fitting)	50.00	Rft.		
vi.	Dia. 3" (Welded joints fitting)	70.00	Rft.		
4	Fire extinguishers with fixing accessories.				
i.	Type Class B&C FX 3 (5 Kg. CO2 Carbon Dioxide Gas)	1.00	Nos.		
ii.	Type Class A,B&C FX 4 (6 Kg. Dry Chemical Powder)	1.00	Nos.		
5	Sprinkler Heads				
i.	Sprinkler Pendant type Concealed with cover plate quick response K = 5.6 (Opening Temperature 57°C)	33.00	Nos.		
6	Zone Control Valve assembly 3" dia UL Listed/FM Approved complete with following.	1.00	Nos.		
i.	UL Listed Pressure reducing valve (PRV) 3" dia				
ii.	OS & Y Gate valve 3" size with tamper switch				
iii.	Check valve 3" size				
iv.	Pressure Gauge				
v.	Water flow switch 3" dia				
vi.	1-1/2" dia test valve with sight glass & sectional drain valve.				
7	Supply & installation of seismic hanger & support including bolts, rods, clamps, Concrete fasteners etc. complete in all respects as per specification, drawings & as per instruction of Consultant.	1.00	Job.		
8	Supply & installation of fire stop material (for passive fire fighting / smoke barrier) in all MEP openings and penetrations, either in slab or wall, complete in all respects, ready to operate as per fire stopper recommended material, and as per instruction of Consultant.	1.00	Job.		
9	Operations and Maintenance (O&M) services for a period of 12 months (after DLP period), including regular maintenance, inspections, troubleshooting, and repairs.	1.00	Job.		
10	Painting, identification and tagging to the installations and equipments.	1.00	Job.		
11	Flushing of entire fire pipe work according to (NFPA-13).	1.00	Job.		
12	Testing, and commissioning of entire fire fighting installation as per Consultant's approval.	1.00	Job.		
13	Making of As-Built & Shop Drawings on latest with sectional details complete in all respects as per instructions of Consultant.	1.00	Job.		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
GRAND TOTAL				=	



GENERAL ABSTRACT

**NAME OF WORK:- CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI
KHUDA BUX BHUTTO**

S #	NAME OF COMPONENTS	AMOUNT	
	07 - CONFERENCE ROOM		
A	CIVIL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
B	ELECTRICAL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
	SUB-TOTAL	Rs.	



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
07 - CONFERENCE ROOM					
CIVIL WORK (SCHEDULE ITEMS)					
01.	Clearing and grubbing the site by cutting, uprooting and removing all rubbish and shrubs including disposal to (outside limits) designated places. (HW/1 Pg. No. 211)	2,652.00	Sft	2.88	7,637.76
02.	Earth for slush or Daldal including dewatering. (C-1/16 Pg. No. 17)	3,315.00	Cft	9.51	31,525.65
03.	Excavation in foundation of Building Bridges and other structures including degbelling dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. (b) In Ordinary Soil Upto 5 ft. depth. within 50 ft. (C-1/18b & c Pg. No.17)	13,260.00	P.Cft	11.88	157,528.80
04.	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an over all pre construction treatment in slab type construction under the slab and along attached perches or entrances etc. complete as per directions of Engineer Incharge. (S.I 92A Pg. No. 84)	4,951.50	P.Sft	11.46	56,744.19
05.	Random, rubble masonry (uncoursed foundation & Plinth. (i) Dry Masonry (S.I No. C-6/1(i) / P-35)	2,299.50	P.Cft	114.07	262,303.97
06.	Cement concrete plain including placing compacting,finishing and curing complete (including screening and washing at stone aggregate without shuttering CC 1:4:8 (S.I No. 5-4 / P-24)	1,517.65	P.Cft	348.83	529,401.85
07.	Placing, compacting, finishing and curing of concrete using ordinary Portland Cement/ Sulphate resistant cement / Slag cement asmay be required: including screening, washing of aggregates and mixing of constituents using batching plant, transportation by transit mixer, pouring with pump in the required portion to achieve a cylindrical strenth in the field as per ACI 214, with the specified consistency i/c the cost of shuttering, compaction with compactor, excluding the cost of admixture, as approved and directed by the Engineer Incharge.				
iii)	Ratio 3000 PSI (C-18/ 98(iii) Pg.No.85)	3,205.00	P.Cft	805.57	2,581,851.85
iv)	Ratio 4000 PSI (C-18/ 98(iv) Pg.No.85)	620.62	P.Cft	900.31	558,750.39
08.	Fabrication of deformed steel reinforcement for cement concrete including cutting, bending.	170.79	P.Cwt	18,934.02	3,233,741.28
09.	Filling, watering and ramming earth in floors with surplus earth from foundation etc. lead up to one chain and lift up to 5 feet. (C-1 Item 21 Page 4)	8,840.00	P.Cft	6.50	57,460.00
10.	Erection and removal of centering for R.C.C or plain cement concrete works of Partial wood Vertical Floor. (S.I C-4/19(b) Pg.#27	2,025.00	P.Sft	220.36	446,229.00
11.	Cement concrete plain 1 : 3 : 6 i/c placing compacting, finishing and curing, complete including screening and washing at stone aggregate without shuttering. (S.I.No 5-b / P-24)	1,265.63	P.Cft	388.76	492,026.32
12.	Pacca brick work in ground floor in (including striding of joints)(c) Cement sand mortar. 1:4	1,365.00	P.Cft	397.85	543,065.25
13.	First Floor.	101.63	P.Cft	411.08	41,778.06
14.	Cement plaster 1:4 upto 12" height 3/4" thick. (S.I. No. 11(c)/52)	5,004.83	P.Sft	53.82	269,359.95
15.	Preparing the surface and painting with matt finish i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zinc /chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc: complete (newsurface three coat). (S.I. No. 36(a & b) P.No 84)	4,523.12	P.Sft	75.05	339,460.16
16.	2 coats of bitumen laidhot using34 lbs (1.72Kg/Sq per P.S fover roof and blinded with sand at 1 Cft per % Sf	2,437.50	P.Sft	47.84	116,610.00
17.	Providing and laying 1" thick topping of cement concrete (1:2:4) including Surface finishing and dividing into panels: 3" THICK	1,218.75	P.Sft	145.00	176,718.75
18.	Filling, watering and ramming earth under floor. with new earth (Excavated from outside) lift upto 5 ft and lead upto 10 miles including cost of earth. (S.I. No. 22/17)	11,920.00	P.Cft	47.02	560,478.40
19.	Providing & Laying Afghan Ziarat white marble flooring fine dressedon the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (S.I C18/120 Pg. # 87)				
a)	3/4" thick marble	132.00	P.Sft	1,050.00	138,600.00
b)	1" thick marble	4,097.50	P.Sft	1,181.63	4,841,728.93
20.	Providing & Laying Full Body Porcelain Tiles in flooring or facing of approved design set in grey cement motar 1:2 or 3/4" thickness i/c washing & joints with white cement slurry (using colour pigment for matching complete as per specification (Size ,tiles thickness & colour sample as approved by Architect/ engineer.) (S.I C-8/28 (vii)-xi Pg # 45 Size = 24"x48"	235.00	P.Sft	651.48	153,097.80
21.	First Class deodar wood wrought joinery in doors and windows etc. panelled or panelled or glazed or fully glazed fixed in position including chowkhat, holdfast, hinges, tower bolt rubber stop cleats/G I clamp,handles and chord with hooks etc. complete (excluding sliding bolts or lock). S.I C-10/7i Pg. # 56)				
b)	2" thick.	170.00	P.Sft	3,279.20	557,464.00



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
22.	Providing and fixing Gutka Brick facing 2 1/2"x 9"x2 1/4" size of approved design set in cement mortar 1:3 i/c filling the joints with white cement slurry colour pigment for matching i/c leveling smooth finishing, curing and scaffolding etc complete as per specification and directed by the Engineer / Incharge.	2,376.00	Sft	531.28	1,262,321.28
SUB-TOTAL OF SCHEDULE ITEMS				=	17,415,883.62
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
CIVIL WORK (NON SCHEDULE ITEMS)					
01.	Disposal of surplus material, excavated stuff, dismantled material, debris, building rubbish, including loading unloading, transporting from site to dumping yards. (Lead 10 Miles)	1,121.00	Cft		
02.	Providing and laying of Granite 3/4" (19 mm) thick, including cutting, dressing, rubbing, polishing, and fixing in position on floor, wall surfaces, stair treads, and risers with cement slurry and approved adhesive, complete in all respects as per drawings, specifications, and the instructions of the Engineer Incharge	156.38	P.Sft		
03.	Providing and Fixing first class Mahagany wood wrought joinery in doors etc. fixed in position i/c chowkats holdfasts, hinges, iron, tower bolts, checks, handles and cords with hooks etc paneled and glazed or fully glazed and i/c the cost of wire gauze shutter.	156.00	P.Sft		
04.	Providing, supplying, and laying premium quality carpet flooring of approved brand, color, texture, and pile type (loop pile/cut pile/tiles as specified), over prepared and leveled surface, including underlay (if required), adhesive or double-sided tape fixing system, seam joining, edge trimming, skirting interface finishing, floor cleaning, protection, wastage, labor, tools, accessories, transportation, loading/unloading and complete installation in accordance with approved architectural drawings and specifications, complete in all respects as approved by the Consultant/Architect.	1,955.13	Sft		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
ELECTRICAL WORK (SCHEDULE ITEMS)					
01.	Wiring for light or fan point with 3/.029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required. (S.I # 102, P.No 236)	90.00	Each	6,573.50	591,615.00
02.	Providing & Laying (Main or Sub Main) PVC insulated with size 2-7/.029 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (S.I # 10, P.No 229)	3,500.00	P.Rft	400.92	1,403,220.00
03.	Providing and laying (Main or Sub Main) PVC insulated with size 2-7/.036 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (S.I # 11, P.No 229)	1,530.00	P.Rft	506.75	775,327.50
03.	Wiring for call bell point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit on surface as required. (S.I # 109, P.No 236)	20.00	Each	6,331.76	126,635.20
SUB-TOTAL OF SCHEDULE ITEMS				=	2,896,797.70
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
ELECTRICAL WORK (NON SCHEDULE ITEMS)					
01.	Supply /Providing and fixing of Electric Main Panel including copper bus bar, brakers, wiring, volt meter lights, volt meter, main switch complete in all respects	1.00	Each		
02.	P/F flush type 2 Pin plug socket 10 amps Aqua Company Made in Germany or equivalent with fancy type board and sheet i/c necessary connection	30.00	Each		
03.	Providing & fixing 10 Amps Polycarbonate flame retardant S.P switch with fancy required gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required. (E31-36/1/2A Clipsal make)				
a)	2 - Gang. (1-way)	5.00	Each		
b)	3 - Gang. (1-way)	5.00	Each		
c)	6 - Gang. (1-way)	8.00	Each		
d)	8 - Gang. (1-way)	8.00	Each		
04.	Providing and laying (MAIN or SUB MAIN) PVC insulated and PVC sheathed with 4 core unarmoured copper conductor in 600/1000 volts size 16mm2.	500.00	P.Rft		
05.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheathed with 4 core copper conductor 600/1000 volts size 35mm2.	300.00	P.Rft		
06.	Providing & Fixing Brass Ceiling Fan 56" Inches (Good Quality).	15.00	Each		
07.	Providing & fixing A.C Electric Wall Bracket fan 18" (good quality)	3.00	Each		
08.	Providing and fixing three pin 10/15 amp plug & socket flush type.	20.00	Each		
09.	Providing and laying (Main or Sub Main) PVC insulated with size 2-7/.036 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required.	800.00	P.Rft		
10.	Supply & Fixing of LED Lights 18 / 25 watts round or square shape complete in all respect as per instruction of engineer incharge.	110.00	Each		
11.	Providing & Fixing 20watts 4ft-long LED tube light, complete in all respect.	10.00	Each		
12.	Providing & Fixing Bakelite ceiling rose with two terminals.	90.00	Each		



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
13.	Providing & fixing A.c ceiling fan regulator on metal board recessed in the walls column and covered with plastic sheet.	15.00	Each		
14.	Supply and fixing of PVC conduit pipe for cable i/c excavation, labor complete in all respect.	414.00	P.Rft		
15.	Providing and fixing mirror light fancy type with removable lamps 3 no foreign made i/c its necessary electric connection suitable for false ceilingetc complete	1.00	Each		
16.	Providing, Installation & Comissioning of 1 HP Suction Pump with Single Phase Motor (Copper Winding), including making of 1:3:6 CC Platform, Complete in all respect.	1.00	Each		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
GRAND TOTAL				=	



GENERAL ABSTRACT

NAME OF WORK:- CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

S #	NAME OF COMPONENTS	AMOUNT	
	08 - ADMIN BLOCK		
A	CIVIL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
B	ELECTRICAL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
C	PLUMBING WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
	SUB-TOTAL	Rs.	



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
08 - ADMIN BLOCK					
CIVIL WORK (SCHEDULE ITEMS)					
01.	Clearing and grubbing the site by cutting, uprooting and removing all rubbish and shrubs including disposal to (outside limits) designated places. (HW/1 Pg. No. 211)	500.00	Sft	2.88	1,440.00
02.	Earth for slush or Daldal including dewatering. (C-1/16 Pg. No. 17)	1,216.44	Cft	9.51	11,568.34
03.	Excavation in foundation of Building Bridges and other structures including dogbolting dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. (b) In Ordinary Soil Upto 5 ft. depth, within 50 ft. (C-1/18b & c Pg. No. 17)	3,228.75	P.Cft	11.88	38,357.55
04.	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an over all pre construction treatment in slab type construction under the slab and along attached porches or entrances etc, complete as per directions of Engineer Incharge. (S.I 92A Pg. No. 84)	1,089.50	P.Sft	11.46	12,485.67
05.	Random, rubble masonry (uncoursed) foundation & Plinth. (i) Dry Masonry (S.I No. C-6/1(i) / P-35)	544.75	P.Cft	114.07	62,139.63
06.	Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shuttering CC 1:4:8 (S.I No. 5-1 / P-24)	359.54	P.Cft	348.83	125,418.34
07.	Placing, compacting, finishing and curing of concrete using ordinary Portland Cement/ Sulphate resistant cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, transportation by transit mixer, pouring with pump in the required portion to achieve a cylindrical strength in the field as per ACI 214, with the specified consistency i/c the cost of shuttering, compaction with compactor, excluding the cost of admixture, as approved and directed by the Engineer Incharge.				-
iii)	Ratio 3000 PSI (C-18/ 98(iii) Pg.No.85)	819.52	P.Cft	805.57	660,180.73
iv)	Ratio 4000 PSI (C-18/ 98(iv) Pg.No.85)	253.13	P.Cft	900.31	227,895.47
08.	Fabrication of deformed steel reinforcement for cement concrete including cutting, bending.	40.70	P.Cwt	18,934.02	770,614.61
09.	Filling, watering and ramming earth in floors with surplus earth from foundation etc, lead up to one chain and lift up to 5 feet. (C-1 Item 21 Page 4)	2,152.50	P.Cft	6.50	13,991.25
10.	Erection and removal of centering for R.C.C or plain cement concrete works of Partial wood Vertical Floor. (S.I C-4/19(i) Pg.#27)	1,412.40	P.Sft	220.36	311,236.46
11.	Cement concrete plain 1 : 3 : 6 i/c placing compacting, finishing and curing, complete including screening and washing at stone aggregate without shuttering. (S.I.No 5-h / P-24)	684.34	P.Cft	388.76	266,044.02
12.	Pucca brick work in ground floor in (including striking of joints),(c) Cement sand mortar, 1:4	1,089.23	P.Cft	397.85	433,350.16
13.	Cement plaster 1:4 upto 12' height 3/4" thick. (S.I. No. 11(c)/52)	6,536.32	P.Sft	53.82	351,784.74
14.	Cement plaster 1:5 upto 12' height. Upto 20 ft (6.10 metre) height.(S.I 12 (c) 3/8" thick.	3,268.16	P.Sft	52.01	169,977.00
15.	Providing and fixing in position doors, windows and ventilators of first class deodar wood frames, and 1 1/2" thick Teak wood ply shutters of second class deodar wood skeleton (Solid) styles and rails core of partial wood and commercial ply wood (3 ply) on both sides including hold fasts, hinges, iron tower bolts, handles and cleats with cord etc, complete. (Sample as approved by architect/engineer incharge) (S.I C-10/58 Pg. No. 61)	151.50	P.Sft	2,763.94	418,736.91
16.	Providing and fixing G.I frames / Choukhats 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 i/c all carriage, tools and plants used in making and fixing. (S.I No 28/Page # 76)	37.88	P.Rft	908.25	34,404.51
17.	Preparing the surface and painting with matt finish i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink /chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc; complete (newsurface three coat). (S.I. No. 36(a & b) P.No 54)	1,387.50	P.Sft	75.05	104,131.88
18.	2 coats of bitumen laidhot using 34 lbs (1.72Kg/Sq per P.S Rover roof and blinded with sand at 1 Cft per % Sf	443.75	P.Sft	47.84	21,229.00
19.	Providing and laying 1" thick topping of cement concrete (1:2:4) including Surface finishing and dividing into panels: 3" THICK	221.87	P.Sft	145.00	32,171.15
19.	Filling, watering and ramming earth under floor, with new earth (Excavated from outside) lift upto 5 ft and lead upto 10 miles including cost of earth. (S.I. No. 22/17)	221.87	P.Cft	47.02	10,432.33
20.	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing bricks/sand paper, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make. (S.I C-9/38 A Pg # 54)	324.00	P.Sft	39.38	12,759.12
21.	2nd & subsequent coat. (S.I C-9/38-B Pg # 54)	162.00	P.Sft	23.60	3,823.20
22.	First Class deodar wood wrought joinery in doors and windows etc, panelled or panelled or glazed or fully glazed fixed in position including chowkhat, holdfast, hinges, tower bolt, rubber stop cleats/G I clamp, handles and chord with hooks etc, complete (excluding sliding bolts or lock). S.I C 10/71 Pg. # 56)				-
b)	2" thick.	110.40	P.Sft	3,279.20	362,023.68



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
23.	Providing and fixing Curbs Brick facing 2 1/2" x 9" x 2 1/4" size of approved design set in cement mortar 1:3 i/c filling the joints with white cement slurry colour pigment for matching i/c leveling smooth finishing, curing and scaffolding etc complete as per specification and directed by the Engineer / Incharge.	1,505.44	Sft	531.28	799,810.16
24.	Providing & Laying Afghan Ziarat white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (S.I C18/120 Pg. # 37)				-
a)	3/4" thick marble	13.87	P.Sft	1,050.00	14,560.55
b)	1" thick marble	110.94	P.Sft	1,181.63	131,087.08
	SUB-TOTAL OF SCHEDULE ITEMS			=	5,401,653.54
	ADD ABOVE/BELOW ON SCHEDULE ITEMS				
	SUB-TOTAL WITH PREMIUM			=	
CIVIL WORK (NON SCHEDULE ITEMS)					
01.	Providing and laying of Granite 3/4" (19 mm) thick, including cutting, dressing, rubbing, polishing, and fixing in position on floor, wall surfaces, stair treads, and risers with cement slurry and approved adhesive, complete in all respects as per drawings, specifications, and the instructions of the Engineer Incharge	60.00	P.Sft		
	SUB-TOTAL NON-SCHEDULE ITEMS Rs:			=	
ELECTRIC WORK					
(i) (SCHEDULE ITEMS)					
01.	Wiring for light or fan point with 3/.029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required. (S.I # 102, P.No 236)	50.00	Each	6,573.50	328,675.00
02.	Providing & Laying (Main or Sub Main) PVC insulated with size 2-7/.029 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (S.I # 10, P.No 229)	800.00	P.Rft	400.92	320,736.00
03.	Providing and laying (Main or Sub Main) PVC insulated with size 2-7/.036 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (S.I # 11, P.No 229)	500.00	P.Rft	506.75	253,375.00
04.	Wiring for call bell point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit on surface as required. (S.I # 109, P.No 236)	20.00	Each	6,331.76	126,635.20
	SUB-TOTAL OF SCHEDULE ITEMS			=	1,029,421.20
	ADD ABOVE/BELOW ON SCHEDULE ITEMS				
	SUB-TOTAL WITH PREMIUM			=	
ELECTRICAL WORK (NON SCHEDULE ITEMS)					
01.	Supply /Providing and fixing of Electric Main Panel including copper bus bar, breakers, wiring, volt meter lights, volt meter, main switch complete in all respects	1.00	Each		
02.	P/F flush type 2 Pin plug socket 10 amps Aqua Company Made in Germany or equivalent with fancy type board and sheet i/c necessary connection	30.00	Each		
03.	Providing & fixing 10 Amps Polycarbonate flame retardant S.P switch with fancy required gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required. (E31-36/1/2A Clipsal make)				
a)	2 - Gang, (1-way)	3.00	Each		
b)	3 - Gang, (1-way)	3.00	Each		
c)	6 - Gang, (1-way)	3.00	Each		
d)	8 - Gang, (1-way)	3.00	Each		
04.	Providing and laying (MAIN or SUB MAIN) PVC insulated and PVC sheathed with 4 core unarmoured copper conductor in 600/1000 volts size 16mm ² .	300.00	P.Rft		
05.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheathed with 4 core copper conductor 600/1000 volts size 35mm ² .	150.00	P.Rft		
06.	Providing & Fixing Brass Ceiling Fan 56" Inches (Good Quality)	4.00	Each		
07.	Providing & fixing A.C Electric Wall Bracket fan 18" (good quality)	2.00	Each		
08.	Providing and fixing three pin 10/15 amp plug & socket flush type.	15.00	Each		
09.	Providing and laying (Main or Sub Main) PVC insulated with size 2-7/.036 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required.	600.00	P.Rft		
10.	Supply & Fixing of LED Lights 18 / 25 watts round or square shape complete in all respect as per instruction of engineer incharge.	40.00	Each		
11.	Providing & Fixing 20watts 4ft-long LED tube light, complete in all respect.	8.00	Each		
12.	Providing & Fixing Bakelite ceiling rose with two terminals.	50.00	Each		
13.	Providing & fixing A.c ceiling fan regulator on metal board recessed in the walls column and covered with plastic sheet.	5.00	Each		
14.	Supply and fixing of PVC conduit pipe for cable i/c excavation, labor complete in all respect.	414.00	P.Rft		
15.	Providing and fixing mirror light fancy type with removable lamps 3 no foreign made i/c its necessary electric connection suitable for false ceiling etc complete	1.00	Each		
16.	Providing, Installation & Comissioning of 1 HP Suction Pump with Single Phase Motor (Copper Winding), including making of 1:3:6 CC Platform, Complete in all respect.	1.00	Each		
	SUB-TOTAL NON-SCHEDULE ITEMS Rs:			=	



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
PLUMBING WORK					
(i) (SCHEDULE ITEMS)					
01.	Providing, Laying Upvc pipes of Class'D' fixing in trench i/c cutting, fitting and jointing with solvent cement i/c. (S.I No 6 (g) & (h) / P.No 112).				-
a)	4" Dia UPVC	300.00	P.Rft	660.78	198,234.00
b)	6" Dia UPVC	250.00	P.Rft	1,391.07	347,767.50
SUB-TOTAL OF SCHEDULE ITEMS				=	546,001.50
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
PLUMBING WORK (NON SCHEDULE ITEMS)					
01.	Supplying & fixing earthen ware European commode set (porta/USA make) coupled with flush tank & seat cover complete with internal fittings, fixtures, clamps, necessary lead connection and making requisite No of holes in wall plinth or floor for pipe connection & making good in CC 1:2:4 as directed by the Engineer Incharge.	1.00	Each		
02.	F/F white / coloured glazed earthen ware wash basin of 24" x 18" size (Porta / USA make) with pedestal in/c necessary lead connection C.P waste waste pipe in/c making requisite number of holes in wall plinth or floor for pipe connection & making good in CC 1:2:4 as per instruction of Engineer Incharge	1.00	Each		
03.	F/F sanitary fitting chrome plated heavy gauge of approved quality (Porta or equivalent make) fitted with completed accessories as directed by the Engineer Incharge. Sink Basin Mixture	1.00	Each		
04.	Supply and fixing CP or powder coated heavy gauge of approved quality fitted with complete accessories Basin Mixture of head 1/2" dia.	1.00	Each		
05.	Providing / Fixing Sanitary Fixture chrome plated or powdered coated, heavy gauge with crystal head prime quality Master or equivalent make, fitted with complete accessories as directed by Engineer Incharge Stop Cock / Tee Cock	4.00	Each		
06.	Supplying and fixing a Long Bib-Cock with crystal head and C.P. head, 1/2" dia, complete with all necessary connections and fittings, as per specifications and the directions of the Engineer Incharge.	1.00	Each		
07.	S/F bath room accessories set (Sonex make) Superior material (7 pieces) in/c soap dish, looking mirror shelf tray, towel rail, paper holder etc complete	1.00	Each		
08.	Supplying and fixing C.P. Muslim shower with crystal head, double bib cock, and ring pipe, including all necessary fittings and connections, complete in all respects as per specifications and the directions of the Engineer Incharge.	1.00	Each		
09.	Supply and installation of floor waste (drain) made of high - quality material, complete with removable grating, trap, and necessary accessories for efficient drainage. Properly fixed in floor with slope for smooth water flow, sealed to prevent leakage, and in accordance with provided specifications.	1.00	Each		
10.	Supplying and fixing a superior quality wash basin mixer with C.P. head, 1/2" dia, including all necessary connections and fittings, complete in all respects as per specifications and the directions of the Engineer Incharge.	1.00	Each		
11.	Providing & fixing 24"x18" bavelled mirror of Belgium glass complete with 1/8" thick hard board and C.P screws fixed to wooden picat. (a) Standard Pattern.	1.00	Each		
12.	F/F Exhaust fan 10" plastic body/Metal body i/c imported GFC make or equivalent qty necessary electric connection etc complete	1.00	Each		
13.	Supplying and fixing in position Bath Shower standard pattern complete in all respect C.P head 1/2" dia.	1.00	Each		
14.	Providing and fixing nylon connections (Master Chrome tube or chain) of approved quality, complete in accordance with specifications and as directed by the Engineer Incharge.	4.00	Each		
15.	Construction of Manhole i/c excavation, 1:4:8 block masonry 5" thick plastering outside inside i/c RCC manhole cover with angle iron framing size 1-1/2" x 1-1/2" x 1/4" GI sheet 12mm thick and Using steel solid bars 1/2" dia for supply 4" c/c and fixing curing and finishing etc complete	5.00	Each		
16.	Providing & fixing P.P.R pipe dia i/c cutting making jointing with switch pest with special approved quality i/c all cost of labour etc complete.				
a)	1/2" Dia PPR Pipe	200.00	P.Rft		
b)	3/4" Dia PPR Pipe	150.00	P.Rft		
c)	1" Dia PPR Pipe	106.00	P.Rft		
d)	2" Dia PPR Pipe	150.00	P.Rft		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
GRAND TOTAL				=	



GENERAL ABSTRACT

NAME OF WORK:- CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

S #	NAME OF COMPONENTS	AMOUNT	
	09 - SHOPS		
A	CIVIL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
B	ELECTRICAL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
	SUB-TOTAL	Rs.	



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
09 - SHOPS					
CIVIL WORK (SCHEDULE ITEMS)					
01.	Clearing and grubbing the site by cutting, uprooting and removing all rubbish and shrubs including disposal to (outside limits) designated places. (HW/1 Pg. No. 211)	3,277.50	Sft	2.88	9,439.20
02.	Dismantling of cement concrete plain 1:2:4 etc Plain. (C-2/ 19(c) Pg. No. 20)	56.25	Cft	133.08	7,485.75
03.	Dismantling of cement concrete plain 1:2:4 etc Plain. (C-2/ 20 Pg. No. 20)	50.00	Cft	229.72	11,485.71
04.	Earth for slush or Daldal including dewatering. (C-1/16 Pg. No. 17)	6,066.00	Cft	9.51	57,687.66
05.	Excavation in foundation of Building Bridges and other structures including degbelling dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. (b) In Ordinary Soil Upto 5 ft. depth. within 50 ft. (C-1/18b & c Pg. No.17)	18,198.00	P.Cft	11.88	216,192.24
06.	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachiar 0.5% Emulsion as an over all pre construction treatment in slab type construction under the slab and along attached perches or entrances etc, complete as per directions of Engineer Incharge. (S.I 92A Pg. No. 84)	1,851.50	P.Sft	11.46	21,218.19
07.	Random, rubble masonry (uncoursed foundation & Plinth. (i) Dry Masonry (S.I No. C-6/1(i) / P-35)	2,625.25	P.Cft	114.07	299,462.27
08.	Cement concrete plain including placing compacting,finishing and curing complete (including screening and washing at stone aggregate without shuttering CC 1:4:8 (S.I No. 5-I / P-24)	1,962.50	P.Cft	348.83	684,579.31
09.	Placing, compacting, finishing and curing of concrete using ordinary Portland Cement/ Sulphate resistant cement / Slag cement asmay be required; including screening, washing of aggregates and mixing of constituents using batching plant, transportation by transit mixer, pouring with pump in the required portion to achieve a cylindrical strength in the field as per ACI 214, with the specified consistency i/c the cost of shuttering, compaction with compactor, excluding the cost of admixture, as approved and directed by the Engineer Incharge.	0.00			
iii)	Ratio 3000 PSI (C-18/ 98(iii) Pg.No.85)	3,776.63	P.Cft	805.57	3,042,335.80
iv)	Ratio 4000 PSI (C-18/ 98(iv) Pg.No.85)	1,295.00	P.Cft	900.31	1,165,901.45
10.	Fabrication of deformed steel reinforcement for cement concrete including cutting, bending	145,469	P.Cwt	18,934.02	2,754,312.96
11.	Filling, watering and ramming earth in floors with surplus earth from foundation etc. lead up to one chain and lift up to 5 feet. (C-1 Item 21 Page 4)	6,065.73	P.Cft	6.50	39,427.26
12.	Erection and removal of centering for R.C.C or plain cement concrete works of Partial wood Vertical Floor. (S.I C-4/19(b) Pg.#27	1,584.00	P.Sft	220.36	349,050.24
13.	Cement concrete plain 1 : 3 : 6 i/c placing compacting, finishing and curing, complete including screening and washing at stone aggregate without shuttering. (S.I.No 5-h / P-24)	1,962.50	P.Cft	388.76	762,941.99
14.	Pacca brick work in ground floor in (including striking of joints).(c) Cement sand mortar, 1:4	6,340.39	P.Cft	397.85	2,522,524.66
15.	Cement plaster 1:4 upto 12' height 3/4" thick. (S.I. No. 11(c)/52)	14,476.00	P.Sft	53.82	779,098.32
16.	Cement plaster1:5 upto 12' height. Upto 20 ft (6.10 metre) height.(S.I 12 (c) 3/4" thick.	7,238.00	P.Sft	52.01	376,448.38
17.	Providing & fixing G.I sheet rolling shutter using 24 gauge G.I sheet for shutter, side iron channel of 12 gauge for rolling on 2" dia C.I pipe i/c bracket of 20 gauge, springs of requisite size and rolling pulley, necessary hold fasts, nuts bolts, welding, greasing, all carriage, T&P required for making and fixing in masonry bor. (S.I C-17/33 Pg. # 77)	1,820.00	P.Sft	742.64	1,351,604.80
18.	2 coats of bitumen laidhot using34 lbs (1.72Kg/Sq per P.S ftover roof and blinded with sand at 1 Cft per % Sf	2,300.00	P.Sft	47.84	110,032.00
19.	Providing and laying 1" thick topping of cement concrete (1:2:4) including Surface finishing and dividling into panels: 3" THICK	1,150.00	P.Sft	145.00	166,750.00
20.	Filling, watering and ramming earth under floor. with new earth (Excavated from outside) lift upto 5 ft and lead upto 10 miles including cost of earth. (S.I. No. 22/17)	3,033.00	P.Cft	47.02	142,611.66
21.	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing bricks/sand paer, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make. (S.I C-9/38-A Pg # 54)	1,250.00	P.Sft	39.38	49,225.00
22.	2nd & subsequent coat. (S.I C-9/38-B Pg # 54)	625.00	P.Sft	23.60	14,750.00
23.	Providing & Laying Full Body Porcelain Tiles in flooring or facing of approved design set in grey cement motar 1:2 or 3/4" thickness i/c washing & joints with white cement slurry (using colour pigment for matching complete as per specification (Size ,tiles thickness & colour sample as approved by Architect/ engineer.) (S.I C-8/28 (vii)-xi Pg # 46 Size = 24"x18"	378.25	P.Sft	651.48	246,422.31



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
24.	Providing & Laying Afghan Ziarat white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. (S.I C18/120 Pg. # 87)	0.00			-
a)	3/4" thick marble	143.75	P.Sft	1,050.00	150,937.50
b)	1" thick marble	1,150.00	P.Sft	1,181.63	1,358,874.50
SUB-TOTAL OF SCHEDULE ITEMS				=	16,690,799.16
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
CIVIL WORK (NON SCHEDULE ITEMS)					
01.	Providing and laying of Granite 3/4" (19 mm) thick, including cutting, dressing, rubbing, polishing, and fixing in position on floor, wall surfaces, stair treads, and risers with cement slurry and approved adhesive, complete in all respects as per drawings, specifications, and the instructions of the Engineer Incharge	250.00	P.Sft		
02.	Providing and Fixing 600mm x 150mm x 20mm thick Porcelain Tile Skirting (Sample as approved by the Architects) to be fixed with 6mm thick tile adhesive including grouting, levelling, finishing, curing etc. Complete in all respects as per drawings details and Engineer Incharge.(Size ,tiles thickness & colour sample as approved by Architect/ engineer.)	51.15	Sft		
03.	Disposal of surplus material, excavated stuff, dismantled material, debris, building rubbish, including loading unloading, transporting from site to dumping yards. (Lead 10 Miles)	1,509.91	Cft		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
ELECTRIC WORK (SCHEDULE ITEMS)					
01.	Wiring for light or fan point with 3/.029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required. (S.I # 102, P.No 236)	280.00	Each	6,573.50	1,840,580.00
02.	Providing & Laying (Main or Sub Main) PVC insulated with size 2-7/.029 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (S.I # 10, P.No 229)	2,500.00	P.Rft	400.92	1,002,300.00
03.	Providing and laying (Main or Sub Main) PVC insulated with size 2-7/.036 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (S.I # 11, P.No 229)	1,000.00	P.Rft	506.75	506,750.00
03.	Wiring for call bell point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit on surface as required. (S.I # 109, P.No 236)	175.00	Each	6,331.76	1,108,058.00
SUB-TOTAL OF SCHEDULE ITEMS				=	4,457,688.00
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
ELECTRICAL WORK (NON SCHEDULE ITEMS)					
01.	Supply /Providing and fixing of Electric Main Panel including copper bus bar, breakers, wiring, volt meter lights, volt meter, main switch complete in all respects	2.00	Each		
02.	P/F flush type 2 Pin plug socket 10 amps Aqua Company Made in Germany or equivalent with fancy type board and sheet i/c necessary connection	35.00	Each		
03.	Providing & fixing 10 Amps Polycarbonate flame retardant S.P switch with fancy required gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.(E31-36/1/2A Clipsal make)				
a)	2 - Gang (1-way)	35.00	Each		
b)	3 - Gang (1-way)	35.00	Each		
c)	6 - Gang (1-way)	1.00	Each		
d)	8 - Gang (1-way)	1.00	Each		
04.	Providing and laying (MAIN or SUB MAIN) PVC insulated and PVC sheathed with 4 core unarmoured copper conductor in 600/1000 volts size 16mm ² .	400.00	P.Rft		
05.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheathed with 4 core copper conductor 600/1000 volts size 35mm ² .	200.00	P.Rft		
06.	Providing & Fixing Brass Ceiling Fan 56" Inches (Good Quality).	35.00	Each		
07.	Providing and fixing three pin 10/15 amp plug & socket flush type.	35.00	Each		
08.	Providing and laying (Main or Sub Main) PVC insulated with size 2-7/.036 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required.	800.00	P.Rft		
09.	Supply & Fixing of LED Lights 18 / 25 watts round or square shape complete in all respect as per instruction of engineer incharge.	175.00	Each		



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
10.	Providing & Fixing 20watts 4ft-long LED tube light, complete in all respect.	35.00	Each		
11.	Providing & Fixing Bakelite ceiling rose with two terminals.	35.00	Each		
12.	Providing & fixing A.c ceiling fan regulator on metal board recessed in the walls column and covered with plastic sheet.	35.00	Each		
13.	Supply and fixing of PVC conduit pipe for cable i/c excavation, labor complete in all respect.	414.00	P.RH		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
GRAND TOTAL				=	



GENERAL ABSTRACT

NAME OF WORK:- CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

S #	NAME OF COMPONENTS	AMOUNT	
	10 - TOLIET (02) UNIT		
A	CIVIL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
B	ELECTRICAL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
C	PLUMBING WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
	SUB-TOTAL	Rs.	



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
10 - TOLIET (02) UNIT					
CIVIL WORK (SCHEDULE ITEMS)					
01.	Clearing and grubbing the site by cutting, uprooting and removing all rubbish and shrubs including disposal to (outside limits) designated places. (HW/1 Pg. No. 211)	564.30	Sft	2.88	1,625.18
02.	Earth for slush or Daldal including dewatering. (C-1/16 Pg. No. 17)	139.74	Cft	9.51	1,328.93
03.	Excavation in foundation of Building Bridges and other structures including degbelling dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. (b) In Ordinary Soil Upto 5 ft. depth within 50 ft. (C-1/18b & c Pg. No. 17)	698.70	P.Cft	11.88	8,300.56
04.	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an over all pre construction treatment in slab type construction under the slab and along attached perches or entrances etc. complete as per directions of Engineer Incharge. (S.I 92A Pg. No. 84)	451.44	P.Sft	11.46	5,173.50
05.	Random, rubble masonry (uncoursed foundation & Plinth. (j) Dry Masonry (S.I No. C-6/1(g) / P-35)	120.30	P.Cft	114.07	13,722.62
06.	Cement concrete plain including placing compacting,finishing and curing complete (including screening and washing at stone aggregate without shuttering CC 1:4:8 (S.I No. 5-1 / P-24)	48.12	P.Cft	348.83	16,785.70
07.	Placing, compacting, finishing and curing of concrete using ordinary Portland Cement/ Sulphate resistant cement / Slag cement asmay be required; including screening, washing of aggregates and mixing of constituents using batching plant, transportation by transit mixer, pouring with pump in the required portion to achieve a cylindrical strength in the field as per ACI 214, with the specified consistency i/c the cost of shuttering, compaction with compactor, excluding the cost of admixture, as approved and directed by the Engineer Incharge.	0.00			
iii)	Ratio 3000 PSI (C-18/ 98(iii) Pg.No.85)	486.68	P.Cft	805.57	392,054.81
iv)	Ratio 4000 PSI (C-18/ 98(iv) Pg.No.85)	200.00	P.Cft	900.31	180,062.00
08.	Fabrication of deformed steel reinforcement for cement concrete including cutting, bending.	30.10	P.Cwt	18,934.02	569,914.00
09.	Filling, watering and ramming earth in floors with surplus earth from foundation etc. lead up to one chain and lift up to 5 feet. (C-1 Item 21 Page 4)	2,821.50	P.Cft	6.50	18,339.75
10.	Erection and removal of centering for R.C.C or plain cement concrete works of Partial wood Vertical Floor. (S.I C-4/19(b) Pg.#27	391.28	P.Sft	220.36	86,222.46
11.	Cement concrete plain 1 : 3 : 6 i/c placing compacting, finishing and curing, complete including screening and washing at stone aggregate without shuttering. (S.I.No 5-h / P-24)	195.64	P.Cft	388.76	76,057.01
12.	Pacca brick work in ground floor in (including striking of joints)(c) Cement sand mortar. 1:4	422.10	P.Cft	397.85	167,932.49
13.	Cement plaster 1:4 upto 12' height 3/4" thick. (S.I. No. 11(e)/52)	1,704.00	P.Sft	53.82	91,709.28
14.	Cement plaster 1:5 upto 12' height. Upto 20 ft (6.10 metre) height.(S.I 12 (c) 3/4" thick.	681.60	P.Sft	52.01	35,450.02
15.	Providing and fixing G.I frames / Choukhats 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 ratio1:6 and repairing the jambs.The cost also i/c all carriage, tools and plants used in making and fixing. (S.I No 28/Page # 76)	102.88	P.Rft	908.25	93,440.76
16.	Preparing the surface and painting with matt finish i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink /chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc. complete (newsurface three coat). (S.I. No. 36(a & b) P.No 54)	681.60	P.Sft	75.05	51,154.08
17.	2 coats of bitumen laidhot using34 lbs (1.72Kg/Sq per P.S ftover roof and blinded with sand at 1 Cft per % Sf	564.30	P.Sft	47.84	26,996.11
18.	Filling, watering and ramming earth under floor, with new earth (Excavated from outside) lift upto 5 ft and lead upto 10 miles including cost of earth. (S.I. No. 22/17)	1,128.60	P.Cft	47.02	53,066.77
19.	Split tiles 5-1/4"x10-1/2"x3/8" 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.)	1,513.20	P.Sft	515.00	779,298.00
20.	Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing bricks/sand paer, filling the voids with chalk/plaster of paris and then painting with weather coat of approved make. (S.I C-9/38-A Pg # 54)	568.80	P.Sft	39.38	22,399.34
21.	2nd & subsequent coat (S.I C-9/38 B Pg # 54)	227.52	P.Sft	23.60	5,369.47
22.	Providing & Laying Full Body Porcelain Tiles in flooring or facing of approved design set in grey cement mortar 1:2 or 3/4" thickness i/c washing & joints with white cement slurry (using colour pigment for matching complete as per specification (Size ,tiles thickness & colour sample as approved by Architect/ engineer.) (S.I C-8/28 (vii)-xi Pg # 46 Size = 24"x48"	1,076.98	P.Sft	651.48	701,630.93
SUB-TOTAL OF SCHEDULE ITEMS				=	3,398,033.77
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
CIVIL WORK (NON SCHEDULE ITEMS)					
01.	Providing and laying of Granite 3/4" (19 mm) thick, including cutting, dressing, rubbing, polishing, and fixing in position on floor, wall surfaces, stair treads, and risers with cement slurry and approved adhesive, complete in all respects as per drawings, specifications, and the instructions of the Engineer Incharge	66.96	P.Sft		
02.	Providing and Fixing 600mm x 150mm x 20mm thick Porcelain Tile Skirting (Sample as approved by the Architects) to be fixed with 6mm thick tile adhesive including grouting, levelling, finishing, curing etc. Complete in all respects as per drawings details and Engineer Incharge.(Size ,tiles thickness & colour sample as approved by Architect/ engineer.)	8.82	Sft		



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
03.	Providing, supplying, and installing gypsum board false ceiling comprising 24" x 24" grid layout with approved metal framing system, suspended from structural slab by hangers and supports, including GI channels, perimeter trims, suspension accessories, joint treatment, cutting, alignment, finishing, screw fixing, necessary supports, labor, tools, scaffolding, transportation, loading/unloading, and complete installation in accordance with approved architectural drawings and specifications, complete in all respects as approved by the Consultant/Architect.	317.40	Sft		
04.	Providing and fixing uPVC (Unplasticized Polyvinyl Chloride) door of approved design comprising multi-chamber uPVC profile, factory fabricated panel, shutter (approx. 35-40mm thick), complete with frame, hinges, handle, lock, and all necessary hardware, including installation, sealing and making good complete in all respects.	219.80	Sft		
05.	Disposal of surplus material, excavated stuff, dismantled material, debris, building rubbish, including loading unloading, transporting from site to dumping yards. (Lead 10 Miles)	207.02	Cft		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
ELECTRIC WORK					
(i) (SCHEDULE ITEMS)					
01.	Wiring for light or fan point with 3/.029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required. (S.I # 102, P.No 236)	20.00	Each	6,573.50	131,470.00
02.	Providing & Laying (Main or Sub Main) PVC insulated with size 2-7/.029 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (S.I # 10, P.No 229)	1,000.00	P.Rft	400.92	400,920.00
03.	Providing and laying (Main or Sub Main) PVC insulated with size 2-7/.036 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required. (S.I # 11, P.No 229)	300.00	P.Rft	506.75	152,025.00
03.	Wiring for call bell point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit on surface as required. (S.I # 109, P.No 236)	10.00	Each	6,331.76	63,317.60
SUB-TOTAL OF SCHEDULE ITEMS				=	747,732.60
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
ELECTRICAL WORK (NON SCHEDULE ITEMS)					
01.	Supply /Providing and fixing of Electric Main Panel including copper bus bar, breakers, wiring, volt meter lights, volt meter, main switch complete in all respects	1.00	Each		
02.	P/F flush type 2 Pin plug socket 10 amps Aqua Company Made in Germany or equivalent with fancy type board and sheet i/c necessary connection	20.00	Each		
03.	Providing & fixing 10 Amps Polycarbonate flame retardant S.P switch with fancy required gang plate fixed on die fabricated, powder coated metal board recessed in wall or column including connection as required.(E31-36/1/2A Clipsal make)				
a)	2 - Gang, (1-way)	5.00	Each		
b)	3 - Gang, (1-way)	5.00	Each		
c)	6 - Gang, (1-way)	2.00	Each		
d)	8 - Gang, (1-way)	2.00	Each		
04.	Providing and laying (MAIN or SUB MAIN) PVC insulated and PVC sheathed with 4 core unarmoured copper conductor in 600/1000 volts size 16mm ² .	500.00	P.Rft		
05.	Providing & fixing A.C Electric Wall Bracket fan 18" (good quality)	3.00	Each		
06.	Providing and fixing three pin 10/15 amp plug & socket flush type.	10.00	Each		
07.	Providing and laying (Main or Sub Main) PVC insulated with size 2-7/.036 copper conductor in 3/4" dia PVC conduit recessed in the wall or column as required.	500.00	P.Rft		
08.	Supply & Fixing of LED Lights 18 / 25 watts round or square shape complete in all respect as per instruction of engineer incharge.	20.00	Each		
09.	Providing & Fixing 20watts 4ft-long LED tube light, complete in all respect.	5.00	Each		
10.	Providing & Fixing Bakelite ceiling rose with two terminals.	30.00	Each		
11.	Supply and fixing of PVC conduit pipe for cable i/c excavation, labor complete in all respect.	200.00	P.Rft		
12.	Providing and fixing mirror light fancy type with removable lamps 3 no foreign made i/c its necessary electric connection suitable for false ceiling complete	10.00	Each		
13.	Providing, Installation & Commissioning of 1 HP Suction Pump with Single Phase Motor (Copper Winding), including making of 1:3:6 CC Platform, Complete in all respect.	1.00	Each		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
PLUMBING WORK					
(i) (SCHEDULE ITEMS)					
01.	Providing, Laying Upvc pipes of Class'D' fixing in trench i/c cutting, fitting and jointing with solvent cement i/c. (S.I No 6 (f) & (h) / P.No 112).				-
a)	4" Dia UPVC	721.50	P.Rft	660.78	476,752.77
b)	6" Dia UPVC	326.00	P.Rft	1,391.07	453,488.82
SUB-TOTAL OF SCHEDULE ITEMS				=	930,241.59
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
PLUMBING WORK (NON SCHEDULE ITEMS)					
01.	Supplying & fixing earthen ware European commode set (porta/USA make) coupled with flush tank & seat cover complete with internal fittings, fixtures, clamps, necessary lead connection and making requisite No of holes in wall plinth or floor for pipe connection & making good in CC 1:2:4 as directed by the Engineer incharge.	7.00	Each		
02.	P/F white / coloured glazed earthen ware wash basin of 24" x 18" size (Porta / USA make) with pedestal i/c necessary lead connection C.P waste waste pipe i/c making requisite number of holes in wall plinth or floor for pipe connection & making good in CC 1:2:4 as per instruction of Engineer incharge	7.00	Each		
03.	P/F sanitary fitting chrome plated heavy gauge of approved quality (Porta or equivalent make) fitted with completed accessories as directed by the Engineer incharge. Sink Basin Mixture	7.00	Each		



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
04.	Supply and fixing CP or powder coated heavy gauge of approved quality fitted with complete accessories Basin. Mixture of head 1/2" dia.	7.00	Each		
05.	Providing / Fixing Sanitary Fixture chrome plated or powdered coated, heavy gauge with crystal head prime quality Master or equivalent make, fitted with complete accessories as directed by Engineer Incharge Stop Cock / Tee Cock	7.00	Each		
06.	Supplying and fixing a Long Bib-Cock with crystal head and C.P. head, 1/2" dia, complete with all necessary connections and fittings, as per specifications and the directions of the Engineer Incharge.	14.00	Each		
07.	S/F bath room accessories set (Sonex make) Superior material (7 pieces) i/c soap dish, looking mirror shelf tray, towel rail, paper holder etc complete	7.00	Each		
08.	Supplying and fixing C.P. Muslim shower with crystal head, double bib cock, and ring pipe, including all necessary fittings and connections, complete in all respects as per specifications and the directions of the Engineer Incharge.	7.00	Each		
09.	Supply and installation of floor waste (drain) made of high - quality material, complete with removable grating, trap, and necessary accessories for efficient drainage. Properly fixed in floor with slope for smooth water flow, sealed to prevent leakage, and in accordance with provided specifications.	8.00	Each		
10.	Supplying and fixing a superior quality wash basin mixer with C.P. head, 1/2" dia, including all necessary connections and fittings, complete in all respects as per specifications and the directions of the Engineer Incharge.	7.00	Each		
11.	Providing & fixing 24"x18" bevelled mirror of Belgium glass complete with 1/8" thick hard board and C.P. screws fixed to wooden plate. (a) Standard Pattern.	7.00	Each		
12.	P/F Exhaust fan 10" plastic body/Metal body i/c imported GFC make or equivalent qty necessary electric connection etc complete	7.00	Each		
13.	Supplying and fixing in position Bath Shower standard pattern complete in all respect C.P head 1/2" dia.	2.00	Each		
14.	Providing and fixing nylon connections (Master Chrome tube or chain) of approved quality, complete in accordance with specifications and as directed by the Engineer Incharge.	14.00	Each		
15.	Construction of Manhole i/c excavation, 1:4:8 block masonry 5" thick plastering outside inside i/c RCC manhole cover with angle iron framing size 1-1/2" x 1-1/2" x 1/4" GI sheet 12mm thick and Using steel solid bars 1/2" dia for supply 4" c/c and fixing curing and finishing etc complete	10.00	Each		
16.	Providing & fixing P.P.R pipe dia i/c cutting making jointing with switch pest with special approved quality i/c all cost of labour etc complete.				
a)	1/2" Dia PPR Pipe	535.50	P.Rft		
b)	3/4" Dia PPR Pipe	533.00	P.Rft		
c)	1" Dia PPR Pipe	106.00	P.Rft		
d)	2" Dia PPR Pipe	194.00	P.Rft		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
GRAND TOTAL				=	



GENERAL ABSTRACT

NAME OF WORK:- CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

S #	NAME OF COMPONENTS	AMOUNT	
	11 - EXTERNAL DEVELOPMENT		
A	CIVIL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
B	ELECTRICAL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
	SUB-TOTAL	Rs.	



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
11 - EXTERNAL DEVELOPMENT					
CIVIL WORK (SCHEDULE ITEMS)					
01.	Clearing and grubbing the site by cutting, uprooting and removing all rubbish and shrubs including disposal to (outside limits) designated places. (HW/1 Pg. No. 211)	28,798.50	Sft	2.88	82,939.68
02.	Excavation in foundation of Building Bridges and other structures including degubbing dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. (b) In Ordinary Soil Upto 5 ft. depth, within 50 ft. (C 1/18b & c Pg. No.17)	28,798.50	P.Cft	11.88	342,126.18
03.	Random, rubble masonry (uncoursed) foundation & Plinth. (a) Dry Masonry (S.I No. C-6/1(a) / P-35)	14,399.25	P.Cft	114.07	1,642,522.45
04.	Cement concrete plain including placing compacting finishing and curing complete (including screening and washing at stone aggregate without shuttering CC 1:4:9 (S.I No. 5-1 / P-24)	5,702.10	P.Cft	348.83	1,989,064.59
03.	Filling, watering and ramming earth in floors with surplus earth from foundation etc. lead up to one chain and lift up to 5 feet. (C-1 Item 21 Page 4)	71,996.25	P.Cft	6.50	467,975.63
04.	Filling, watering and ramming earth under floor, with new earth (Excavated from outside) lift upto 5 ft and lead upto 10 miles including cost of earth. (S.I. No. 22/17)	35,998.13	P.Cft	47.02	1,692,631.84
05.	Providing & fixing cement paving blocks flooring having size of 197 x 97 x 80 (mm) of city /quddra /cobble shape with pigment, having strength b/w 5000 PSI to 8500 PSI i/c filling the joints with hill sand over a bed of 2" thick hill sand or stone dust and laying and compacting in specified manner/ pattern and design etc complete. (S.I C-8/69 Pg. # 50)	10,956.80	P.Sft	227.51	2,492,781.57
06.	Providing & fixing cement paving blocks flooring having size of 225 x 300 x 80 (mm) of city /quddra /cobble shape with natural colours, having strength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand over a bed of 2" thick hill sand or stone dust and laying and compacting in specified manner/ pattern and design etc complete. (PSI 5000 to 8500c / Tameer Works or Equivalent manufacturer) (S.I C-8/70 Pg # 50)	7,836.00	P.Sft	242.26	1,898,349.36
07.	Providing & fixing Precast Edge Block 3750 PSI Industrial Made Size 6 inches thick x 12 inches long x 18 inches high including the cost of Cartage, excavation, form Work for haunching, 1450 PSI lean concrete, 2250 PSI concrete for haunching, 1:4 cement sand mortar. (S.I HW 12/14 Pg. # 221)	729.50	Rft	678.38	494,878.21
08.	Providing, supplying and fixing 1 1/2" x 1 1/2" handmade glazed Kashi tiles of approved traditional blue colour, shade, pattern and quality, including adhesive/mortar, jointing, grouting, cutting, wastage, fixing, cleaning and all labour and accessories, complete as per approved drawings and Engineer's instructions.	250.00	Sft	950.00	237,500.00
09.	Construction of R.C.C 1:2:4 Under Ground Water Tank including Reinforcement work 60 grade steel including water proofing Upvc water 12" steeper including 24"X24" UPVC Cover Inlate and out late UPVC Pipe complete as per approved drawings and Engineer's instructions.	10,000.00	GL	260.00	2,600,000.00
10.	Construction of R.C.C 1:2:4 Over Head Water Tank including Reinforcement work 60 grade steel including water proofing Upvc water 12" steeper including 24"X24" UPVC Cover Inlate and out late UPVC Pipe complete as per approved drawings and Engineer's instructions.	2,000.00	GL	350.00	700,000.00
11.	Construction of R.C.C 1:2:4 Septic Tank including Reinforcement work 60 grade steel including water proofing Upvc water 12" steeper including 24"X24" UPVC Cover Inlate and out late UPVC Pipe complete as per approved drawings and Engineer's instructions.	6,000.00	GL	260.00	1,560,000.00
12.	Providing and fixing SOLARIZATION (25 KVA) including 550-650W Mono PERC Solar Panels (Grade-A Tier 1), 25 KVA Hybrid-Grid Inverter (IP65 Rated), 48V 100Ah Lithium Ion Battery, Balance of System (6-10KW Ground Mounted), Balance of System (Additional 15.07KW), C&M for 2 years (cleaning, maintenance), Complete Wiring & Installation, DC Combiner Box (4-6 String with SPDs), Lightning Arrestor (SPD Set) AC/DC Side, Cable Conduits & Management (PVC, trays) complete as per approved drawings and Engineer's instructions.	2.00	Each	11,583,431.00	23,166,862.00
SUB-TOTAL OF SCHEDULE ITEMS				=	39,367,631.50
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
CIVIL WORK (NON SCHEDULE ITEMS)					
01.	Providing, supplying, and laying 24" x 24" cement tiles of approved color, design, and finish over 38mm thick cement sand mortar bedding (1:3), or properly prepared and leveled floor surface, in accordance with approved architectural drawings and specifications, including cement slurry bonding, alignment, cutting, joint filling with approved grout, curing, edge finishing, skirting interface finishing, protection, wastage, labor, tools, accessories, scaffolding (if required), transportation, loading/unloading, taxes, contractor overheads, profit, and complete installation in all respects as approved by the Consultant/Architect for Karachi market conditions.	4,130.73	Sft		
02.	Supplying, Stacking and spreading of Sweet earth approved garden soil from outside sources including all leads and lifts i/c cost of spreading in required slopes etc complete as per drawings, details and Engineer Incharge.	6,580.50	Cft		
03.	Supplying, stacking and spreading cow dung manure / Slaughter House manure and mixing the same up to any depth in the already laid sweet earth including breaking clods, dressing fine for Trees in pits and sprinkling water, raking and rolling complete as per drawings details and Engineer Incharge.	1,096.75	Cft		
04.	Supplying and stacking live (Darca) grass in slabs with earth intact including all lead and lifts as per drawings, details & Engineer Incharge.	4,387.00	Sft		
05.	Providing, supplying, and planting approved varieties of plants and shrubs of specified height and spread, including excavation, good earth, manure/fertilizer, soil preparation, planting, watering, staking, trimming, replacement during maintenance period, labor, tools, transportation, loading/unloading and complete execution in accordance with approved landscape drawings and specifications, complete in all respects as approved by the Consultant/Architect.	1,200.00	Sft		



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
ELECTRIC WORK					
(i) (SCHEDULE ITEMS)					
01.	CONSTRUCTION OF RCC FOUNDATION AS PER FOLLOWING SPECIFICATION AND INSTRUCTION OF EI FOR 31/40 FT LONG tubular POLE 18"x6". EXCAVATION OF SOFT/HARD SOIL 3x3x5.5' STONE SOILING 3x3x6' MAKING LEAN IN THE RATIO 1:4:8 LENGTH OF MS BOLTS 6-1/2" (3/4"DIA) 4 Nos. & MAKING THREAD ON MS ROD TEMPLATE 16"x16"x1/4" DIA Rings 1/4" dia round bar 4 Nos. TO BE WELDED WITH MS ROD. RCC FOUNDATION RATIO 1:2:4 WITH APPROPRIATE SIZE 2"x2"x6.5'. (EWS.Ing. 117/P-13).	30.00	Each	46,369.16	1,391,074.80
02.	PROVIDING & FIXING OF MS TUBULAR POLE AS PER FOLLOWING SPECIFICATION TO BE FIXED ON PRECAST FOUNDATION WITH HELP OF HYDRAULIC CRANE AND MANUAL LABOUR 31FT LONG (20FT(6'DIA) +5.5FT (5'DIA) -5.5FT (4'DIA)), WALL THICKNESS 8 SWG BASE PLATE 18"x18"x3/4", HOLE 4 NOS. STIFFENERS 4 NOS. 9-1/2"x4- 1/2"x1/2", making window in the pole of required size with LN KEY PROVISION 2 COAT RED OXIDE AS RUST PREVENTIVE &2COATS OF OIL PAINT AS PER SITE REQUIREMENT &INSTRUCTION OF EI. (EW S.I NP110/P-11).	30.00	Each	117,699.89	3,530,996.70
SUB-TOTAL OF SCHEDULE ITEMS				=	4,922,071.50
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
ELECTRICAL WORK (NON SCHEDULE ITEMS)					
01.	PROVIDING AND INSTALLATION OF ALL-IN-ONE SOLAR PANEL 70W, CHIP: 90 PCS SMD 5050, BATTERY: LIFE PO4(85AH) DIE CAST ALUMINUM, LENS TEIJIN PC LAMP SIZE (1200 X 365 X 160 MM) PANEL 4V 80W (1100X350MM) CCT (6000-6500K) CHARGING TIME (EFFECTIVE SUNSHINE 46H) DISCHARGE TIME (3-5 RAINY & CLOUDY DAYS) WARRANTY 3 YEARS of REPUTABLE COMPANY, (RA ATTACHED) Complete as approved by Departmental Head / Engineer Incharge IEC / PSQC APPROVED.	30.00	Each		
02.	CCTV System 8 Cameras, 10 mega pixels 4 O/side 4 Inside With 1 # LED 52" Samsung/ Sony / TCL Or Equivalent With 90 Days Recording Backup System	4.00	Each		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
GRAND TOTAL				=	



GENERAL ABSTRACT

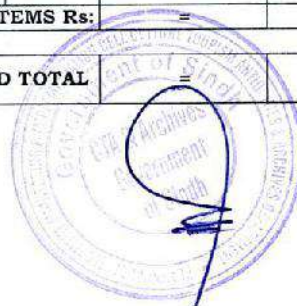
**NAME OF WORK:- CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI
KHUDA BUX BHUTTO**

S #	NAME OF COMPONENTS	AMOUNT	
	12 - BOUNDARY WALL		
A	CIVIL WORK		
i	SCHEDULE ITEMS	Rs.	
ii	NON-SCHEDULE ITEMS	Rs.	
	SUB-TOTAL	Rs.	



CONSTRUCTION OF LIBRARY & AUDITORIUM HALL AT GARHI KHUDA BUX BHUTTO

SR. NO.	ITEMS	QTY	UNIT	RATE	AMOUNT
12 - BOUNDARY WALL					
CIVIL WORK (SCHEDULE ITEMS)					
01.	Clearing and grubbing the site by cutting, uprooting and removing all rubbish and shrubs including disposal to (outside limits) designated places. (HW/1 Pg. No. 211)	5,281.25	Sft	2.88	15,210.00
02.	Earth for slush or Daldal including dewatering. (C-1/16 Pg. No. 17)	15,843.75	Cft	9.51	150,674.06
03.	Excavation in foundation of Building Bridges and other structures including degbelling dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft. (b) In Ordinary Soil Upto 5 ft. depth. within 50 ft. (C-1/18b & c Pg. No.17)	26,406.25	P.Cft	11.88	313,706.25
04.	Providing Anti-termite treatment by spraying / sprinkling / spreading Neptachlar 0.5% Emulsion as an over all pre construction treatment in slab type construction under the slab and along attached perches or entrances etc, complete as per directions of Engineer Incharge. (S.I 92A Pg. No. 84)	2,531.25	P.Sft	11.46	29,008.13
05.	Cement concrete plain including placing compacting,finishing and curing complete (including screening and washing at stone aggregate without shuttering CC 1:4:8 (S.I No. 5-I / P-24)	723.81	P.Cft	348.83	252,487.68
06.	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds, lifting, centering, shuttering and curing. (including screening and washing of shingle.)				-
(a-3)	R.C.C work in roof slab, beams, column, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects. Ratio 1:2:4 90Lbs of cement, 2 Cft sand and 4 Cft shingle 1/8" to 3/4" gauge. P-25	6,836.34	P.Cft	717.59	4,905,691.91
07.	Fabrication of deformed steel reinforcement for cement concrete including cutting, bending.	437.01	P.Cwt	18,934.02	8,274,315.83
08.	Cement plaster 1:4 upto 12" height 3/4" thick. (S.I. No. 11(c)/52)	10,155.00	P.Sft	53.82	546,542.10
09.	2 coats of bitumen laid hot using 34 lbs (1.72Kg/Sq per P.Sft over roof and blinded with sand at 1 Cft per % Sf	5,781.50	P.Sft	47.84	276,586.96
10.	Providing and fixing Gutka Brick facing 2 1/2" x 9" x 2 1/4" size of approved design set in cement mortar 1:3 i/c filling the joints with white cement slurry colour pigment for matching i/c leveling smooth finishing, curing and scaffolding etc complete as per specification and directed by the Engineer / Incharge. P-85	10,180.00	P.Sft	531.28	5,408,430.40
11.	Pacca brick work in ground floor in (including striking of joints).(c) Cement sand mortar. 1:4 complete in all.	1,968.75	P.Cft	397.85	783,267.19
12.	Erection and removal of centering for R.C.C or plain cement concrete works of Partial wood Vertical Floor. (S.I C-4/19(b) Pg.#27	656.25	P.Sft	220.36	144,611.25
13.	Supplying and fixing special heavy type steel doors for look- ups withn angle iron frame of 2- 1/2" to 2- 1/2" x 3/8" size and shutter of 2" x 2" x 3/8" with 1" diameter M.S bars placed @ 4" center to center with aseparate locking box having size of 12" x 12" of M. steel sheet embedded in masonry with proper locking arrangement as per approved design including cost of erection of steel gate and jfixing in masonry wall in cement concrete 1: 2: 4 etc, complete, as per instructions of Engineer Incharge.	320.00	P.Sft	4,300.68	1,376,217.60
SUB-TOTAL OF SCHEDULE ITEMS				=	22,476,749.35
ADD ABOVE/BELOW ON SCHEDULE ITEMS					
SUB-TOTAL WITH PREMIUM				=	
CIVIL WORK (NON SCHEDULE ITEMS)					
01.	Providing, fabricating, supplying, and fixing Mild Steel (MS) frame comprising 1" x 1" (25 x 25 mm) MS square bar, 2" x 8 mm (50 x 8 mm) MS flat, and MS flat embedded 2" in RCC column, including cutting, welding, grinding, drilling, anchoring, erection, alignment, colouring and all necessary fixtures and accessories, complete in all respects as per drawings and Engineer's instructions.	17,686.56	Kgs.		
SUB-TOTAL NON-SCHEDULE ITEMS Rs:				=	
GRAND TOTAL				=	



PROPOSED CONSTRUCTION SCHEDULE

Pursuant to Sub -Clause 8.2 of the General Conditions of Contract, the Works shall be completed on or before the date stated in Appendix-A to Bid. The Bidder shall provide as Appendix-E to Bid, the Construction Schedule in the bar chart (CPM, PERT or any other to be specified herein) at least in form of latest MS Project or approved, showing the sequence of work items and the period of time during which he proposes to complete each work item in such a manner that his proposed programme for completion of the whole of the Works and parts of the Works may meet Employer's overall completion targets in days noted below and counted from the date of receipt of Engineer's Notice to Commence. The bidders shall propose completion time for major milestones of the project to ensure effective monitoring:

<u>Description</u>	<u>Time for Completion</u>
a) Whole Works	Twelve (12) Calendar Months



METHOD OF PERFORMING THE WORK

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

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

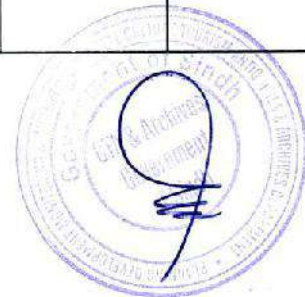


LIST OF MAJOR EQUIPMENT – RELATED ITEMS

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

LIST OF MAJOR EQUIPMENT
(to be filled in by bidder/contractor)

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



CONSTRUCTION CAMP AND HOUSING FACILITIES

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

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

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

1. Site Preparation (clearing, land preparation, etc.).
2. Provision of Services.
 - a) Power (expected power load, etc.).
 - b) Water (required amount and system proposed).
 - c) Sanitation (sewage disposal system, etc.).
3. Construction of Facilities
 - a) Contractor's Office. Workshop and Work Areas (areas required and proposed layout, type of construction of buildings, etc.).
 - b) Warehouses and Storage Areas (area required, type of construction and layout).
 - c) Housing and Staff Facilities (Plans for housing for proposed staff, layout, type of construction, etc.).
4. Construction Equipment Assembly and Preparation (detailed plans for carrying out this activity).
5. Other Items Proposed (Security services, etc.).



LIST OF SUBCONTRACTORS

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

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

Part of Works (Give Details)	Subcontractor (With Complete Address)
(1)	(2)



ESTIMATED PROGRESS PAYMENTS (SAMPLE)

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

Quarter/ Year/ Period	Amounts (in thousands)
1	2



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

(To be filled in by the bidder/contractor)

The Contractor shall deploy an appropriately qualified and experienced team for the execution of the Construction of Library and Auditorium Hall at Garhi Khuda Bux Bhutto. The team shall be led by a Project Manager holding a B.E. degree in Civil Engineering and valid PEC registration, with relevant experience in building construction.

The Contractor shall provide the required Civil, Structural and Electrical Engineering personnel, Architect, Quantity Surveyor and Site Supervisors in accordance with the personnel requirements specified in the bidding documents. The Contractor shall also provide competent technical and quality-control staff, including laboratory/testing personnel where required by the approved specifications and nature of the Works.

The qualifications, experience and number of personnel deployed shall comply with the requirements specified in the technical evaluation criteria and the approved project specifications. The Contractor shall obtain the Engineer's approval for the proposed key personnel and shall not replace approved key personnel without prior approval, except as permitted under the Contract.



(INTEGRITY PACT)

**DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC.
PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS CONTRACT**

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 time 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.

Name of Buyer:
Signature:
[Seal]

Name of Seller/Supplier:
Signature:
[Seal]



FORMS

PERFORMANCE SECURITY CONTRACT AGREEMENT MOBILIZATION ADVANCE GUARANTEE/BOND INDENTURE BOND FOR SECURED ADVANCE



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:

- A that the Bid Security shall remain valid for a period of twenty eight (28) days beyond the period of validity of the bid;
- B that in the event of;
 - 28.6 the Principal withdraws his Bid during the period of validity of Bid, or
 - 28.7 the Principal does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) of Instructions to Bidders, or
 - 28.8 failure of the successful bidder to
furnish the required Performance Security, in accordance with Sub-Clause IB 21.1 of Instructions to Bidders, or
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 fulfillment 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. _____

Name _____

Title _____

Corporate Secretary (Seal)

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 Employer]

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

Penal Sum of Security (express in words and figures) _____
 Letter of Acceptance No. _____ Dated _____

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

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

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Employer, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue till all requirements of Clause 11, Defects Liability, of Conditions of Contract are fulfilled.

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

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

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

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

Witness:

1. _____

Corporate Secretary (Seal)

2. _____

Name, Title & Address

Guarantor (Bank)

Signature _____

Name _____

Title _____

Corporate Guarantor (Seal)



FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the _____ day of _____ (month) 20____ between _____ (hereafter called the "Employer") of the one part and _____ (hereafter called the "Contractor") of the other part.

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

NOW this Agreement witnessed as follows:

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

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

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

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

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

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

Signature of the Contactor

(Seal)

Signature of Employer

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

(Name, Title and Address)

Witness:

(Name, Title and Address)



MOBILIZATION ADVANCE GUARANTEE

Guarantee No. _____ Date _____

WHEREAS _____ (hereinafter called the 'Employer') has entered into a Contract for

(Particulars of Contract)

with _____ (hereinafter called the "Contractor").

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

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

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

NOW, THEREFORE, the Guarantor hereby guarantees that the Contractor shall use the advance for the purpose of above mentioned Contract and if he fails and commits default in fulfillment of any of his obligations for which the advance payment is made, the Guarantor shall be liable to the Employer for payment not exceeding the aforementioned amount.

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

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

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

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

GUARANTOR

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

WITNESS

Corporate Secretary (Seal)

2. _____

(Name Title & Address)

Corporate Guarantor(Seal)



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 20..... 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 under taken 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 (B). 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..... (Rs.) so advanced by the Government to the Contractor as aforesaid and all or any further sum or sums which may be advanced as 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 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 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 greater 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 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 (then 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 the rates at which the amount of the advances made under these presents were calculated. At 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 of 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 the 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.

(7) 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 not, withstanding 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 there with 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 this 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 said 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/Executive District Officer/Officer one grade higher to officer signed the agreement Circle whose decision shall be final and the provisions of the Arbitration Act 1940 for the time being in force so far as they are applicable shall apply to any such reference.

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

WITNESS

1. _____
(Name Title & Address)

Corporate Secretary (Seal)

2. _____
(Name Title & Address)

Corporate Guarantor (Seal)

WITNESS

01 _____
(Name Title & Address)

Corporate Secretary (Seal)

02 _____
(Name Title & Address)

Corporate Guarantor (Seal)



CONDITIONS OF CONTRACT



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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 Contract means the Contract Agreement and the other documents listed in the Contract Data.

1.1.2 Specifications 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 Drawings 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 Agency 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 Contractor 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 Party means either the Procuring Agency or the Contractor.

Dates, Times and Periods

1.1.7 Commencement Date 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 Day means a calendar day

1.1.9 Time for Completion 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 Cost 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 Equipment¹ 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 Country¹ means the Islamic Republic of Pakistan.
- 1.1.13 Procuring Agency's Risks¹ means those matters listed in Sub-Clause 6.1.
- 1.1.14 Force Majeure¹ 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 Materials¹ means things of all kinds (other than Plant) to be supplied and incorporated in the Works by the Contractor.
- 1.1.16 Plant¹ means the machinery and apparatus intended to form or forming part of the Works.
- 1.1.17 Site¹ 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 Variation¹ means a change which is instructed by the Engineer/Procuring Agency under Sub-Clause 10.1.
- 1.1.19 Works¹ 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 Engineer¹ 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 organizations. 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.

Communications

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

1.5 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

B. 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.

C. Permits etc.

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

D. 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.

E. 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

D. Authorized 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.

E. 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

2. 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

3. 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. 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.

5. 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

1.3 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) ionizing 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
- (iii) 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

5.2 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.

5.3 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.



5.4 **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.

5.5 **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.

6. **TAKING-OVER.**

C. **Completion**

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

7.2 **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.

7. **REMEDYING DEFECTS**

7.3 **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.

7.4 **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.

8. VARIATIONS AND CLAIMS

9.4 **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:
at a lump sum price agreed between the Parties, or

where appropriate, at rates in the Contract, or
in the absence of appropriate rates, the rates in the Contract shall be used as the basis for valuation, or failing which
at appropriate new rates, as may be agreed or which the Engineer/Procuring Agency considers appropriate, or

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.**

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.

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.

If requested by the Engineer, the contractor shall provide the Engineer with a detailed cost breakdown of any rate in the Bill of Quantities.



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 minimize 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.

10.4 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.

11.2 Variation and Claim Procedure

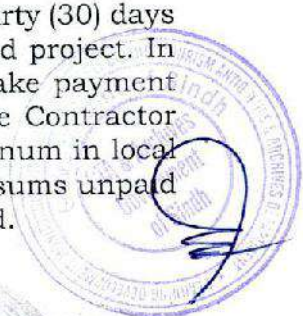
The Contractor shall submit to the Engineer/Procuring Agency an itemized detailed breakdown of the value of variations and claims within twenty eight (28) days of the instruction or of the event giving rise to the claim. The Engineer/Procuring Agency shall check and if possible agree the value. In the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

9. CONTRACT PRICE AND PAYMENT

(d) (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 60 days 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.



(f) **Valuation of the Works**

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

1 **Monthly Statements**

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

11.4 the value of the Works executed less to the cumulative amount paid previously; and

11.5 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.

12.2 **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.

12.3 **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.

12.4 **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.

12.5 **Currency**

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



10. DEFAULT

12.4 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.

12.5 Defaults by Procuring Agency

If the Procuring Agency fails to pay in accordance with the Contract, or is, despite a written complaint, in breach of the Contract, the Contractor may give notice referring to this Sub-Clause and stating the default. If the default is not remedied within fourteen (14) days after the Procuring Agency's receipt of this notice, the Contractor may suspend the execution of all or parts of the Works.

If the default is not remedied within twenty eight (28) days after the Procuring Agency's receipt of the Contractor's notice, the Contractor may by a second notice given within a further twenty one (21) days, terminate the Contract. The Contractor shall then demobilize from the Site.

12.6 Insolvency

If a Party is declared insolvent under any applicable law, the other Party may by notice terminate the Contract immediately. The Contractor shall then demobilize from the site leaving behind, in the case of the Contractor's insolvency, any Contractor's Equipment which the Procuring Agency instructs in the notice is to be used for the completion of the Works.

12.7 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:

any sums to which the Contractor is entitled under Sub-Clause 10.4,
any sums to which the Procuring Agency is entitled,

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 if the Contractor has terminated under Sub-Clause 12.2 or 12.3, the Contractor shall be entitled to the cost of his demobilization

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.

11. RISKS AND RESPONSIBILITIES

14.3 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.

15.5 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.

If the event continues for a period of eighty four (84) days, either Party may then give notice of termination which shall take effect twenty eight (28) days after the giving of the notice.

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:

any sums to which the Contractor is entitled under Sub-Clause 10.4, the cost of his demobilization, and less any sums to which the Procuring Agency is entitled.

The net balance due shall be paid or repaid within thirty five (35) days of the notice of termination.



12. INSURANCE

16.2 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.

16.3 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.

13. RESOLUTION OF DISPUTES

16.4 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.

16.5 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.

16.6 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

17.5 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:

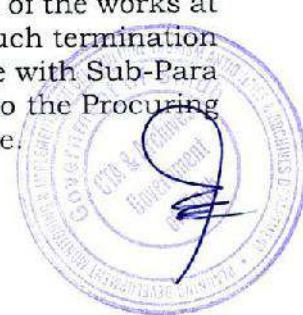
recover from the Contractor an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by the

Contractor or any of his Sub-Contractors, agents or servants;

terminate the Contract; and

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

- 18.5 Procuring Agency's Drawings, if any
(Attached)
- 18.6 **The Procuring Agency means**
Planning, Development, Monitoring & Implementation Cell, Culture, Tourism, Antiquities & Archives Department Government of Sindh
- 18.7 **The Contractor means**

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

* **Time for Completion** Twelve (12) calendar months from the date of receipt of the Engineer's Notice to Commence, subject to the Conditions of Contract

2 Documents forming the Contract listed in the order of priority:

- 19.5 The Contract Agreement
19.6 Letter of Acceptance
19.7 The completed Form of Bid
19.8 Contract Data
19.9 Conditions of Contract
19.10 The completed Schedules to Bid including Schedule of Prices
19.11 The Drawings, if any
19.12 The Specifications

- 20.3 **Provision of Site:** On the Commencement Date
21.2 **Authorized person:** *Executive Engineer of P.A*
21.3 **Name and address of P.A Representative**

Executive Engineer Planning, Development, Monitoring & Implementation Cell, Culture, Tourism, Antiquities & Archives Department Government of Sindh

22.2 Performance Security:

Amount: Five percent (5%) of the Contract Price.

Form: Bank Guarantee or another form expressly permitted under the bidding documents and applicable rules.

Validity: The Performance Security shall remain valid for the period required under the Conditions of Contract, including the applicable

Defects Liability Period. Where necessary, the Contractor shall extend the validity of the Performance Security to cover the required period. Validity till the completion of work (validity extended through the applicable defects liabilities/maintenance period).

7.2 Programme:

Time for submission: Within fourteen (14) days from the Commencement Date

Form of programme: Bar Chart, CPM, PERT or another programme format approved by the Engineer, as specified in the bidding documents

B Amount payable due to failure to complete. The Contractor shall pay liquidated damages at the rate of 0.05% of the Contract Price per day for delay beyond the Time for Completion, subject to a maximum of 10% of the Contract Price, in accordance with the Conditions of Contract.

C Early Completion

Not Applicable. No bonus shall be payable for completion of the Works before the stipulated Time for Completion.

F. Period for remedying defects

The period for remedying defects shall be three hundred and sixty-five (365) days from the effective date of the Taking-Over Certificate, in accordance with Clause 11.1 of the Conditions of Contract.

23.3 (e) Variation procedures:

Day work rates _____
_____ (details)

23.5 Terms of Payments

Mobilization Advance

25.2 Your existing Contract Data includes a mobilization advance provision. Do not retain it automatically. If a mobilization advance is approved for this project, ensure the amount, guarantee, interest, recovery mechanism and conditions are consistent with the applicable rules and approved contract terms. If it is not approved, mark the provision "Not Applicable" and remove any conflicting payment language.

OR

26.2 Secured Advance on Materials

26.3 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:

26.4 The materials are in accordance with the Specifications for the Permanent Works;

26.5 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;



26.6 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;

26.7 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;

26.8 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;

26.9 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;

(vi) Secured Advance should not be allowed unless & until the previous advance, if any, fully recovered;

(vii) Detailed account of advances must be kept in part II of running account bill; and

(viii) 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

(x) Recovery of Secured Advance:

(a) 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.

(b) As recoveries are made the outstanding accounts of the items concerned in Part II should be reduced by making deduction entries in the column; —deduct quantity utilized in work measured since previous bill, 1 equivalent to the quantities of materials used by the contractor on items of work shown as executed in part I of the bill.

(xi) 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.

(a) The value of work completed comprises the value of the quantities of the items in the Bill of Quantities completed.

(b) value of secured advance on the materials and valuation of variations (if any).

(c) 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



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).



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.

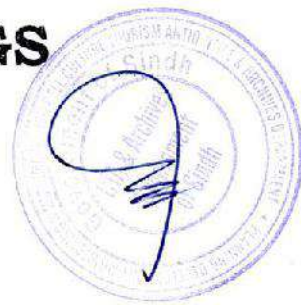
Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized international standards should be used as much as possible. The specifications shall consider all conditions but not limited to 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



GARHI KHUDABAKHSH
ARCHITECTURE DRAWINGS

**CULTURE COMPLEX
(TENDER DRAWINGS
NOT FOR CONSTRUCTION)**



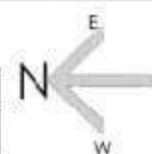
CLIENT:-

MINISTRY OF CULTURE
ANTIQUITIES & TOURISM
GOVERNMENT OF SINDH



LIST OF ARCH TECTURE DRAWING				
S.No.	Dwg.No.	DRAWINGS TITLE	Scale	Sheet Size in Inch
01	MPA-000	Cover Sheet	N.T.S.	30 x20
02	A-000	List Of Drawing	N.T.S.	30 x20
03	MPA-01	Master Plan (Basement)	N.T.S.	30 x20
04	MPA-02	Master Plan (Ground Floor)	N.T.S.	30 x20
05	MPA-03	Master Plan (First Floor)	As Shown	30 x20
06	MPA-04	Master Plan (Roof Floor)	As Shown	30 x20
07	AR-01	Elevations & Sections @ 1,2,3 & 4	As Shown	30 x20
08	AR-02	Elevation Plan (Museum Plan)	As Shown	30 x20
09	AR-03	Elevation Plan (Museum Sections)	As Shown	30 x20
10	AR-04	Elevation Plan (Library Plan)	As Shown	30 x20
11	AR-05	Elevation Plan (Library Sections)	As Shown	30 x20
12	AR-06	Elevation Plan (Restaurant - 01)	As Shown	30 x20
13	AR-07	Elevation Plan (Restaurant Sections)	As Shown	30 x20
14	AR-08	Elevation Plan (Restaurant - 02)	As Shown	30 x20
15	AR-09	Elevation Plan (Restaurant Sections)	As Shown	30 x20
16	AR-10	Elevation Plan (Art & Craft Display Center Plan)	As Shown	30 x20
17	AR-11	Elevation Plan (Art & Craft Display Center Sections)	As Shown	30 x20
18	AR-12	Elevation Plan (Market Plan)	As Shown	30 x20
19	AR-13	Elevation Plan (Market Sections)	As Shown	30 x20
20	AR-14	Admin Block Plan (Office)	As Shown	30 x20
21	AR-15	Trunk Block Plan (Office)	As Shown	30 x20
22	AR-16 A, E, C, D	Elevation Plan (Auditorium & Conference Plan)	As Shown	30 x20
23	AR-17	Elevation Plan (Auditorium & Conference & Section)	As Shown	30 x20
24	AR-18 A & B	Shops Plans & Sections	As Shown	30 x20
25	AR-19	Stair Case Details	As Shown	30 x20
26	AR-20a	Ext. Roofing / Water Body / Fountain Details	As Shown	30 x20
27	AR-20b	Int. Flooring Marble	As Shown	30 x20
28	AR-21a	Typical Flooring & Step Details Marble	As Shown	30 x20
29	AR-21b	Typical Flooring & Step Details Terracotta	As Shown	30 x20
30	AR-22	Water Spout Details	As Shown	30 x20
31	AR-23	Typical W.C. Stal Details	As Shown	30 x20
32	AR-24	Typical Trunk & KX Counter Details	As Shown	30 x20
33	AR-25	Typical Boundary Wall Details	As Shown	30 x20

LIST OF ARCHITECTURE DRAWING				
S.No.	Dwg.No.	DRAWINGS TITLE	Scale	Sheet Size in Inch
34	AR-26	Typical False Ceiling Details	As Shown	30 x20
35	AR-27 a, b	Typical Pavers & Light Pole Details 6 M, 12 M	As Shown	30 x20
36	AR-28	Typical Cabana Details	As Shown	30 x20
37	AR-29	Man Hole Details	As Shown	30 x20
38	AR-30	Finishes Schedule	As Shown	30 x20
39	AR-31	Iron Details	As Shown	30 x20
40	AR-32 a, b	Door Details (Arches)	As Shown	30 x20
41	AR-33	Windows Details / Sill	As Shown	30 x20
42	AR-34 a, b	Mashrabia Detail	As Shown	30 x20
43	AR-35	Parapet Wall Detail	As Shown	30 x20
44	AR-36	Jharoka Detail	As Shown	30 x20
45	AR-37	Parking Detail	As Shown	30 x20
46	AR-38	Auditorium Staircase	As Shown	30 x20
47	AR-39	Mask Gate Boundary Wall	As Shown	30 x20
48	AR-40	Niche @ 01 Detail	As Shown	30 x20
49	AR-41	Museum Display Showcase Detail	As Shown	30 x20
50	AR-42	Niche @ 02 Detail	As Shown	30 x20
51	AR-43	Niche @ 03 Detail	As Shown	30 x20
52	AR-44	Parapet Typical Detail	As Shown	30 x20
53	AR-45	Door	As Shown	30 x20
54	AR-46	Door Detail	As Shown	30 x20
VEIWS				
01	ARV-01	Veiw @ 01	N.T.S.	30 x20
02	ARV-02	Veiw @ 02	N.T.S.	30 x20
03	ARV-03	Veiw @ 03	N.T.S.	30 x20
04	ARV-04	Veiw @ 04	N.T.S.	30 x20
05	ARV-05	Veiw @ 05	N.T.S.	30 x20
06	ARV-06	Veiw @ 06	N.T.S.	30 x20
07	ARV-07	Veiw @ 07	N.T.S.	30 x20
08	ARV-08	Veiw @ 08	N.T.S.	30 x20
09	ARV-09	Veiw @ 09	N.T.S.	30 x20
10	ARV-10	Veiw @ 10	N.T.S.	30 x20



KEY PLAN:

NOTES:

- *The contractor shall check & verify all dimensions before starting work and report all errors & omission to the Architect (Engineer) Consultant.
- *The drawing shall not be use for construction purpose until signed by the consultant and issued for construction.
- * Vendor to Submit Detailed Shop Drawing for MS/Metal, Wooden, Fabrications Works, ETC. Approval by Architect/Consultants
- * Do not scale the drawing.

LEGENDS:

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MINISTRY OF CULTURE
ANTIQUITIES & TOURISM
GOVERNMENT OF SINDH

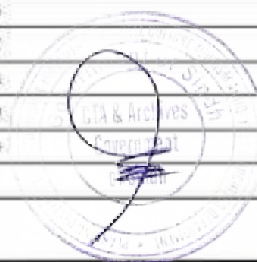
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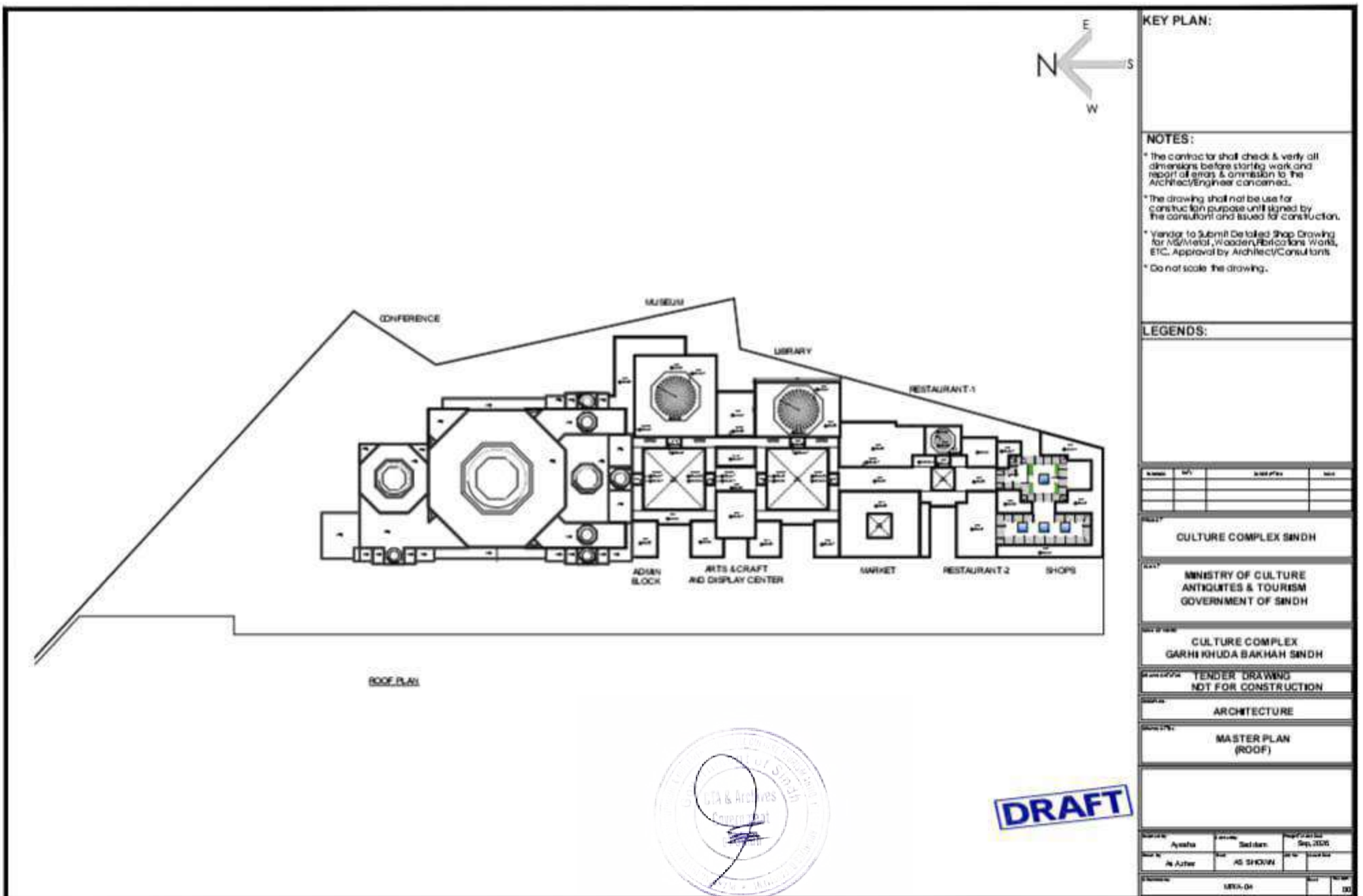
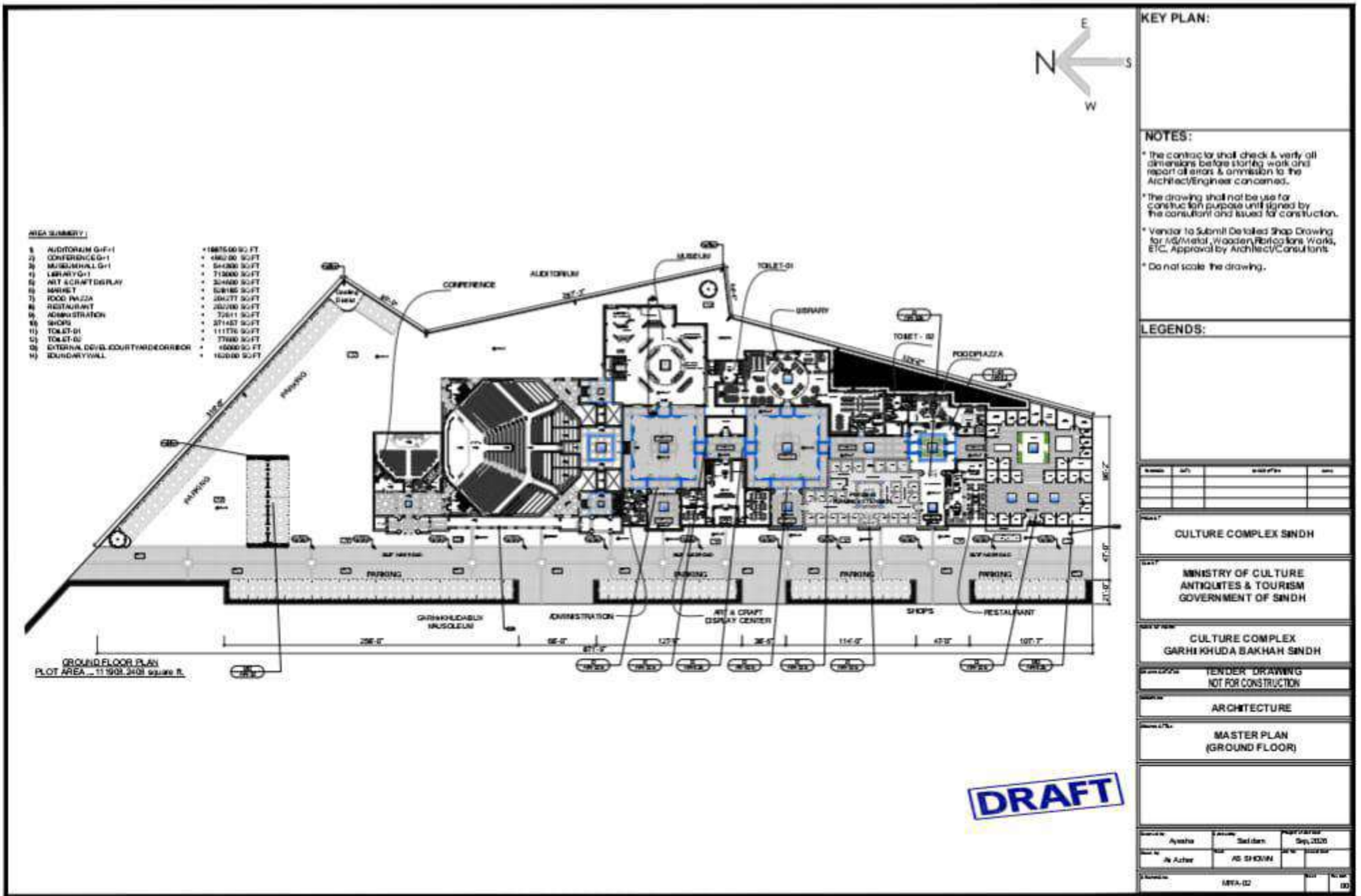
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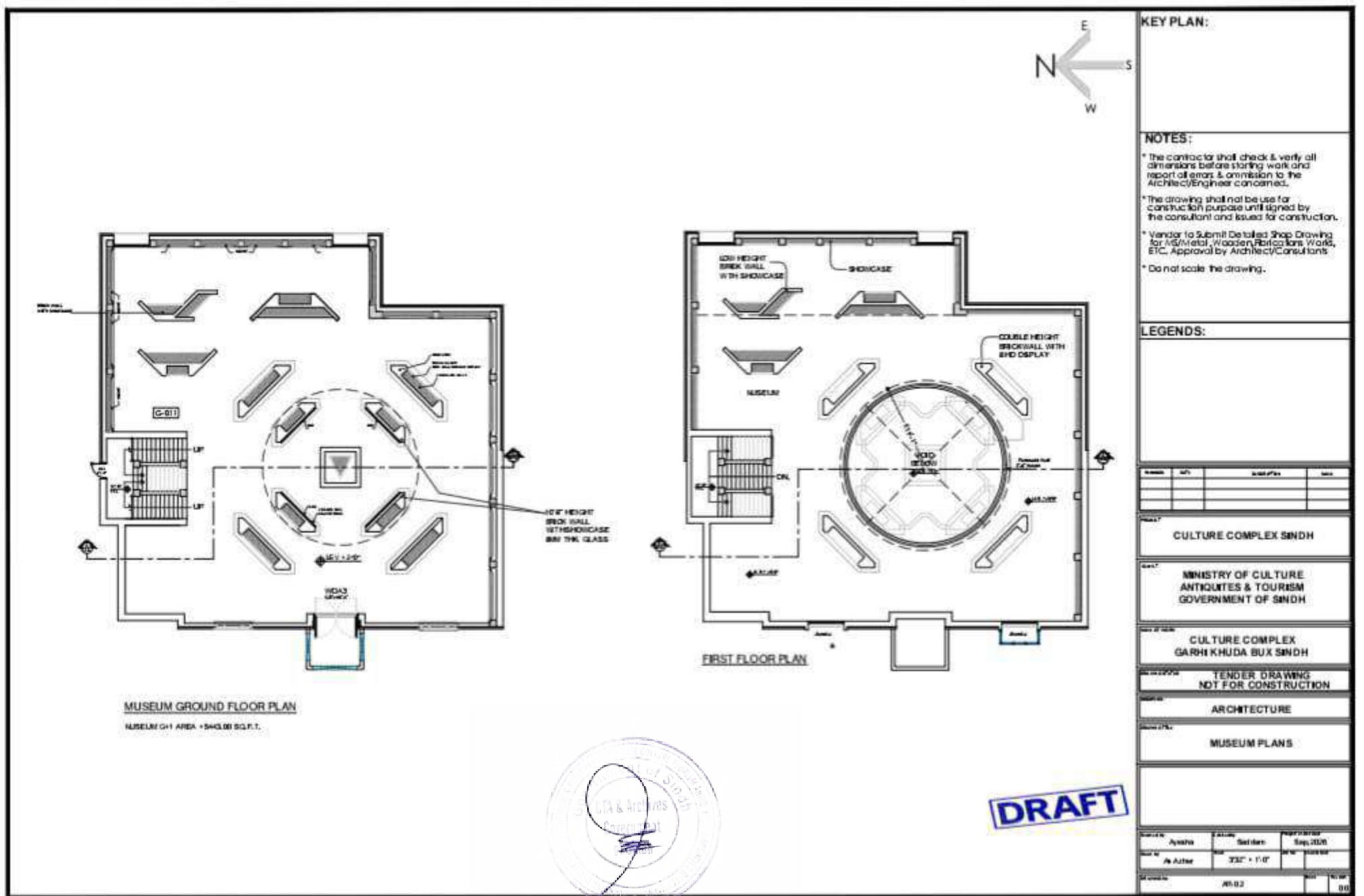
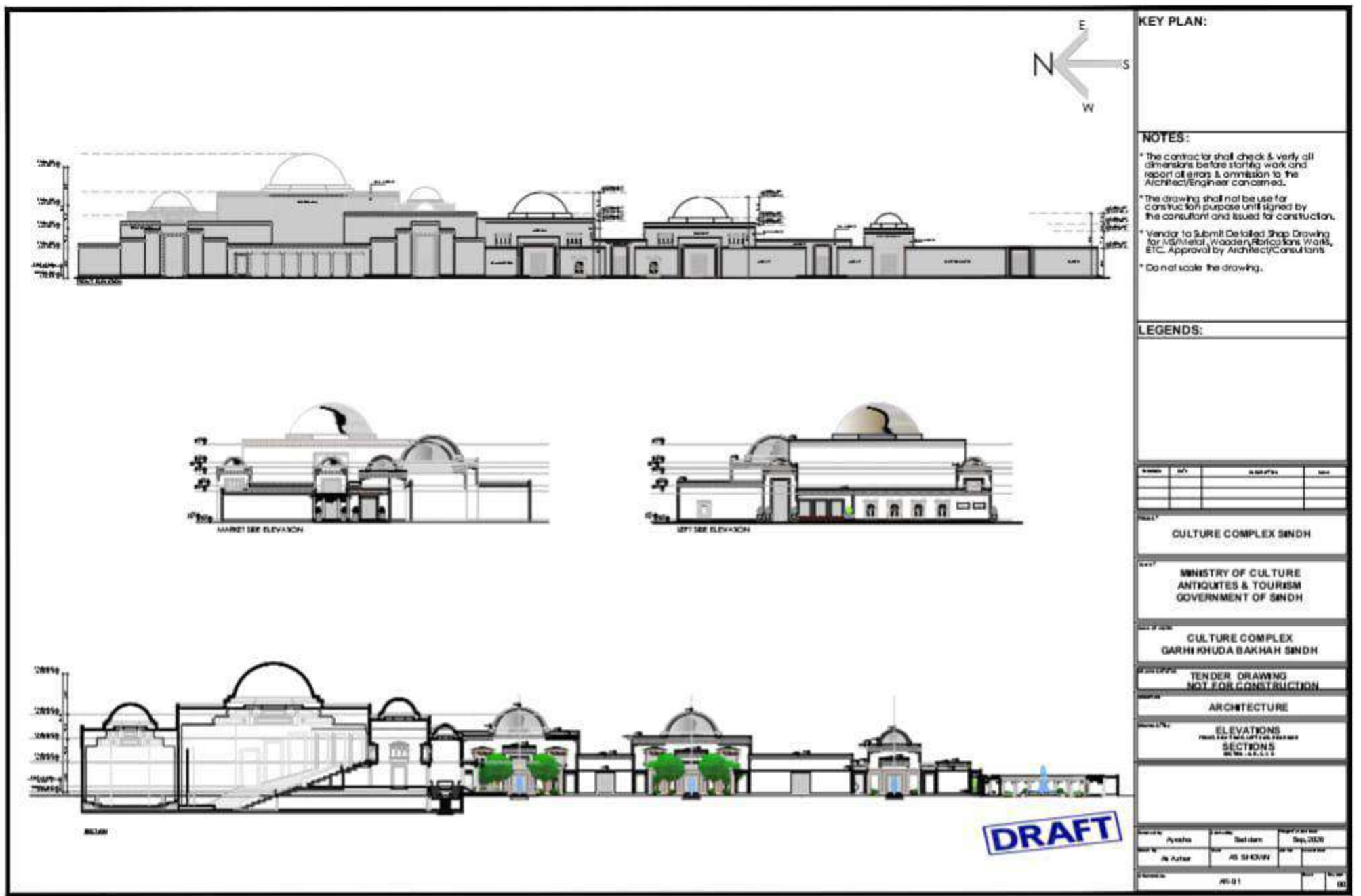
LIST OF DRAWINGS

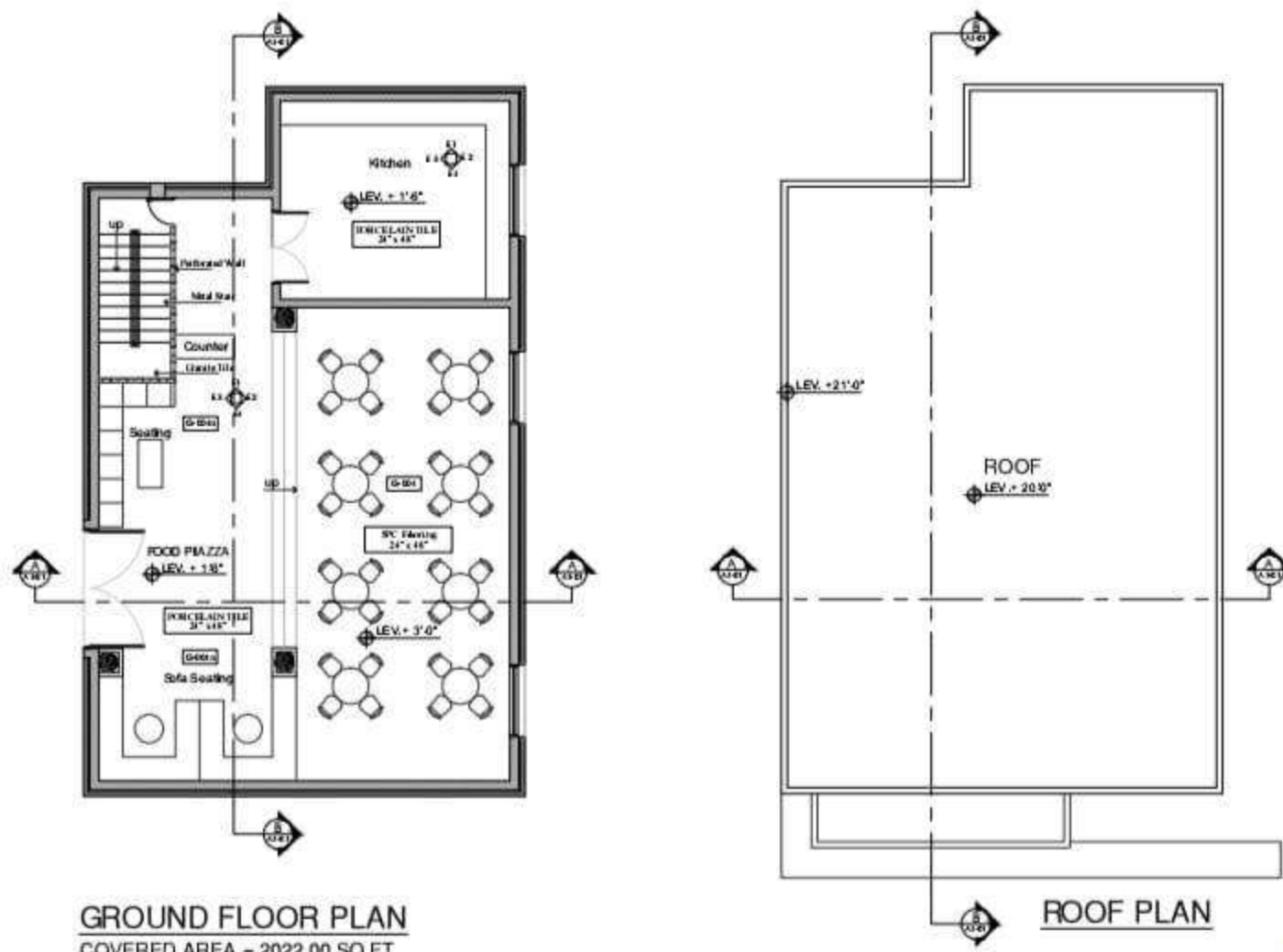
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Drawn by	Asst. Archt.	Checked by	Engineer	Approved by	Sep, 2025
Scale	As Shown	Scale	1/8" = 1'-0"	Scale	As Shown
Drawn by	A-000	Scale	As Shown	Scale	As Shown







GROUND FLOOR PLAN
COVERED AREA = 2022.00 SQ.FT.

ROOF PLAN

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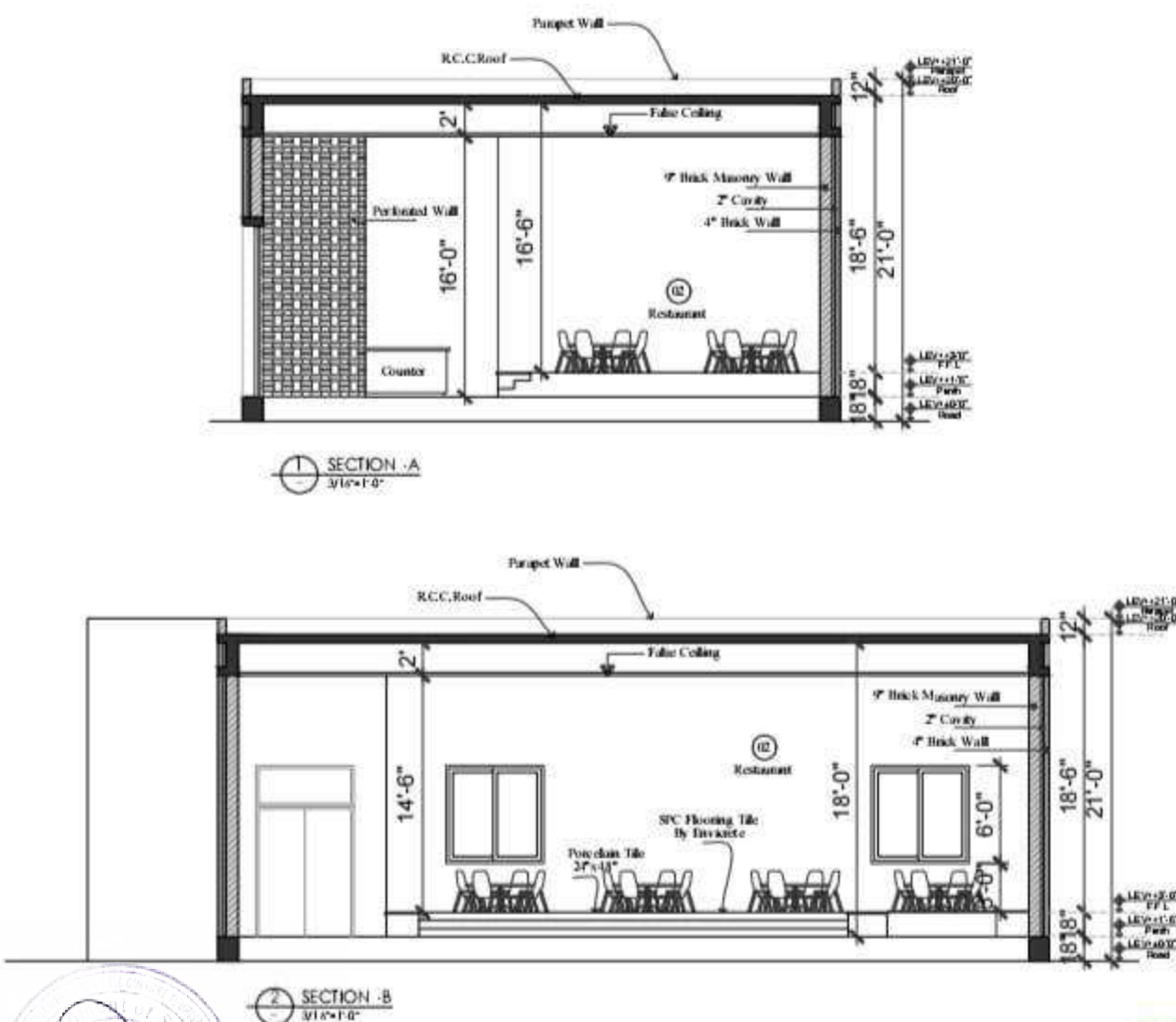
KEY PLAN:

NOTES:

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- * The drawing shall not be use for construction purpose until signed by the consultant and issued for construction.
- * Vendor to Submit Detailed Shop Drawing for MS/Metal, Wooden/Fabrications Works, ETC. Approval by Architect/Consultants
- * Do not scale the drawing.

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SECTION - A
3/16" x 1'-0"

SECTION - B
3/16" x 1'-0"

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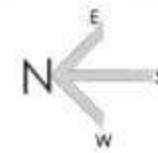
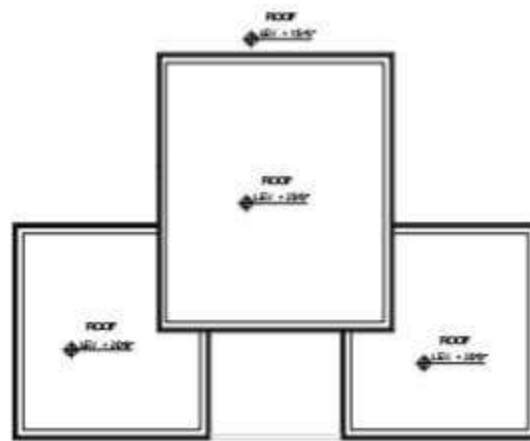
KEY PLAN:

NOTES:

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KEY PLAN:

NOTES:

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LEGENDS:

Symbol	Part	Description	Notes

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ANTIQUITIES & TOURISM
GOVERNMENT OF SINDH

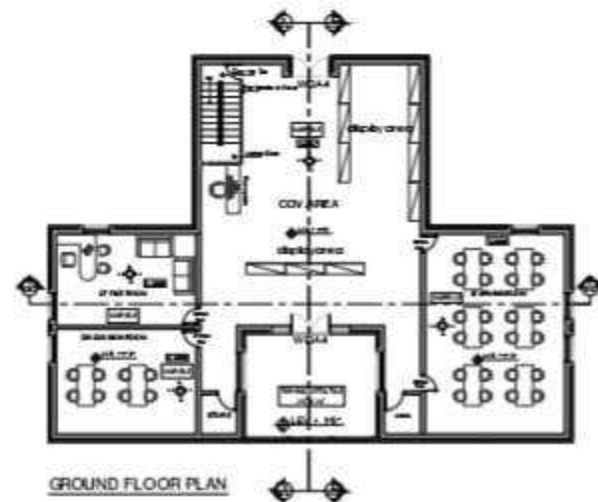
CULTURE COMPLEX
GARHI KHUDA BAKHAH SINDH

TENDER DRAWING
NOT FOR CONSTRUCTION

ARCHITECTURE

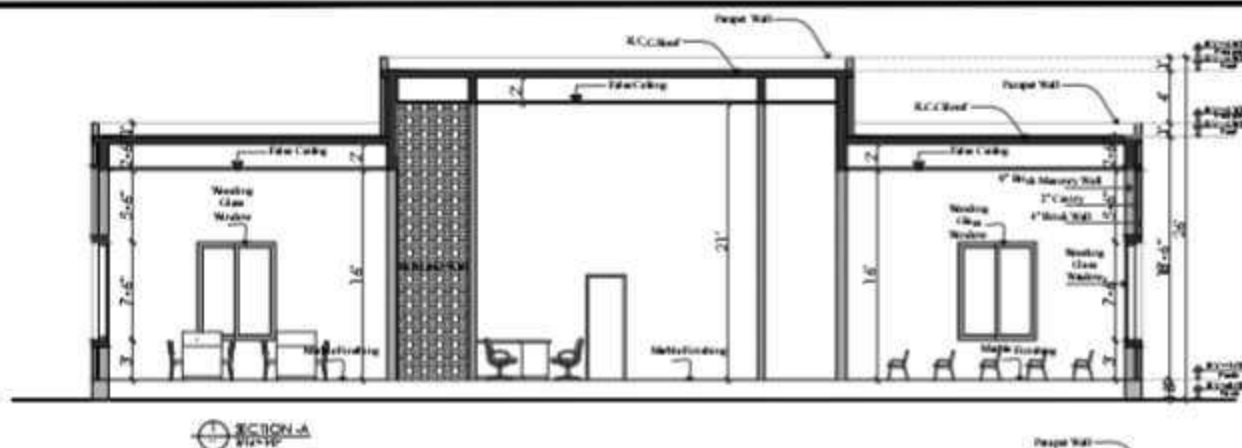
ART AND CRAFT DISPLAY
CENTER PLAN

Author	Checked	Scale	Date
Ar. Author	Ar. Checked	3/32" = 1'-0"	Sep. 2020
Ar. 1/2	Ar. 1/2		1/2

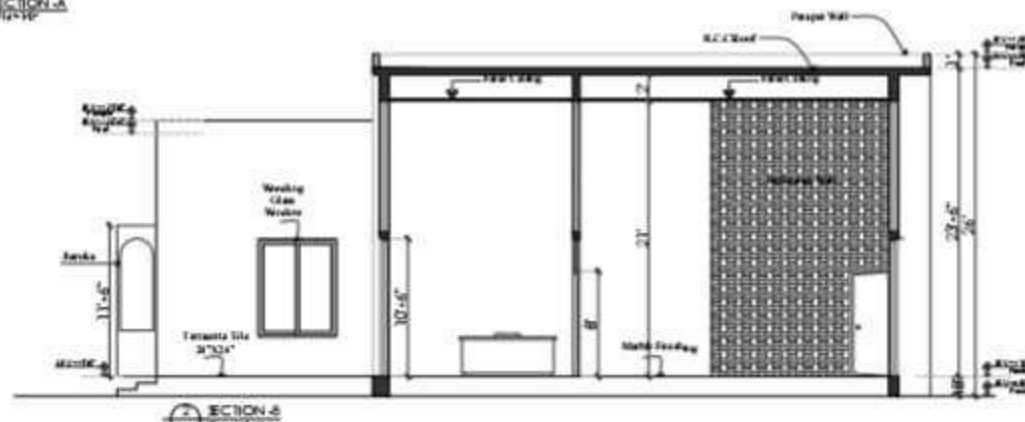


GROUND FLOOR PLAN

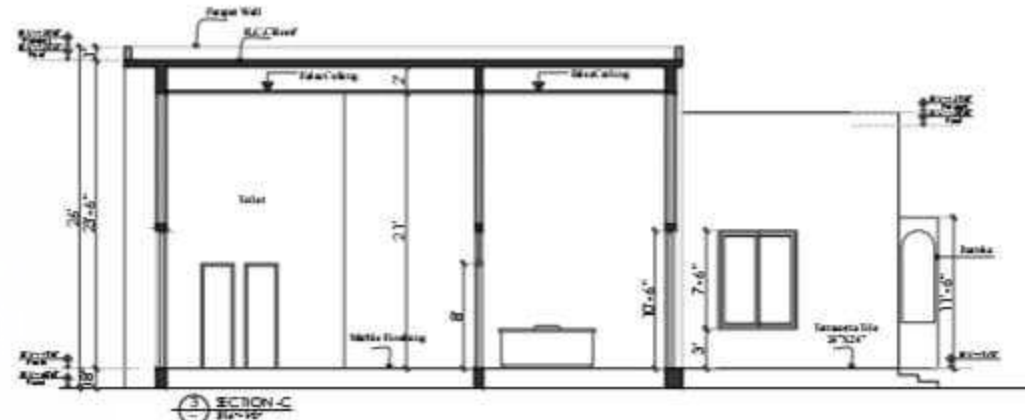
DRAFT



SECTION A
3/32" = 1'-0"



SECTION B
3/32" = 1'-0"



SECTION C
3/32" = 1'-0"



KEY PLAN:

NOTES:

- * The contractor shall check & verify all dimensions before starting work and report all errors & omission to the Architect/Engineer concerned.
- * The drawing shall not be used for construction purpose until signed by the consultant and issued for construction.
- * Vendor to Submit Detailed Shop Drawing for MS/Metal, Wooden Fabrications Works, ETC. Approval by Architect/Engineers.
- * Do not scale the drawing.

LEGENDS:

Symbol	Part	Description	Notes

CULTURE COMPLEX SINDH

MINISTRY OF CULTURE
ANTIQUITIES & TOURISM
GOVERNMENT OF SINDH

CULTURE COMPLEX
GARHI KHUDA BAKHAH SINDH

TENDER DRAWING
NOT FOR CONSTRUCTION

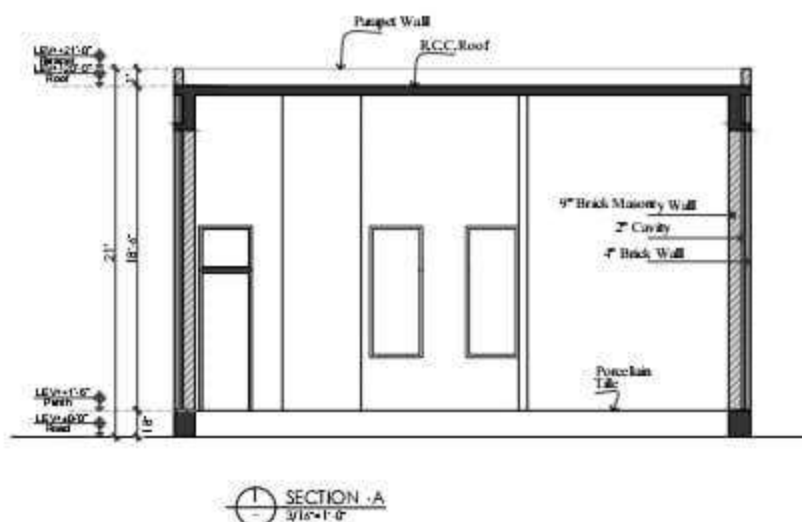
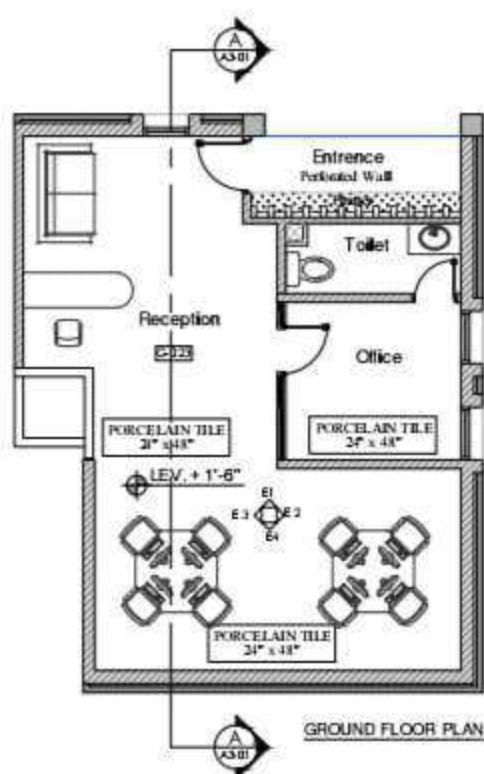
ARCHITECTURE

ART AND CRAFT DISPLAY
CENTER SECTIONS

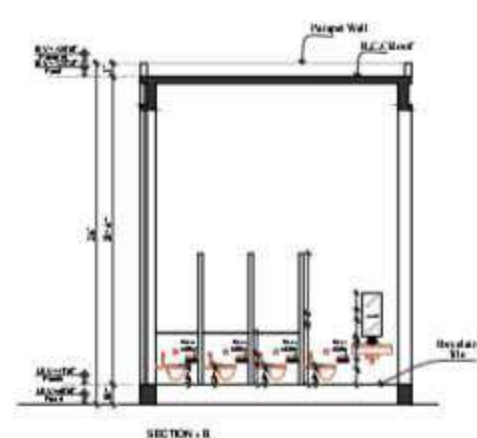
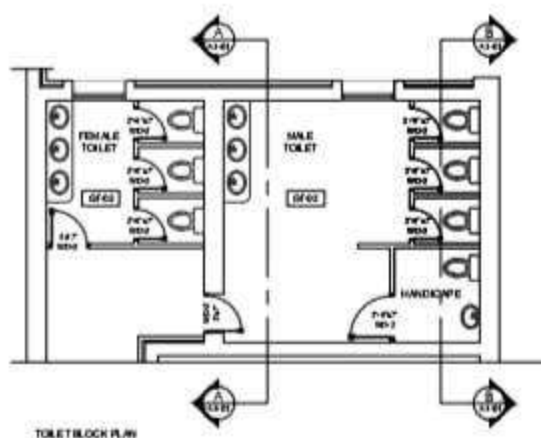
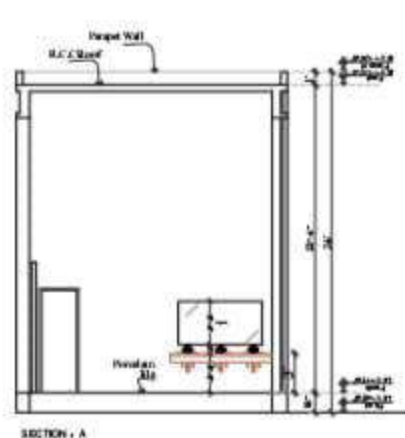
Author	Checked	Scale	Date
Ar. Author	Ar. Checked	3/32" = 1'-0"	Sep. 2020
Ar. 1/2	Ar. 1/2		1/2

DRAFT

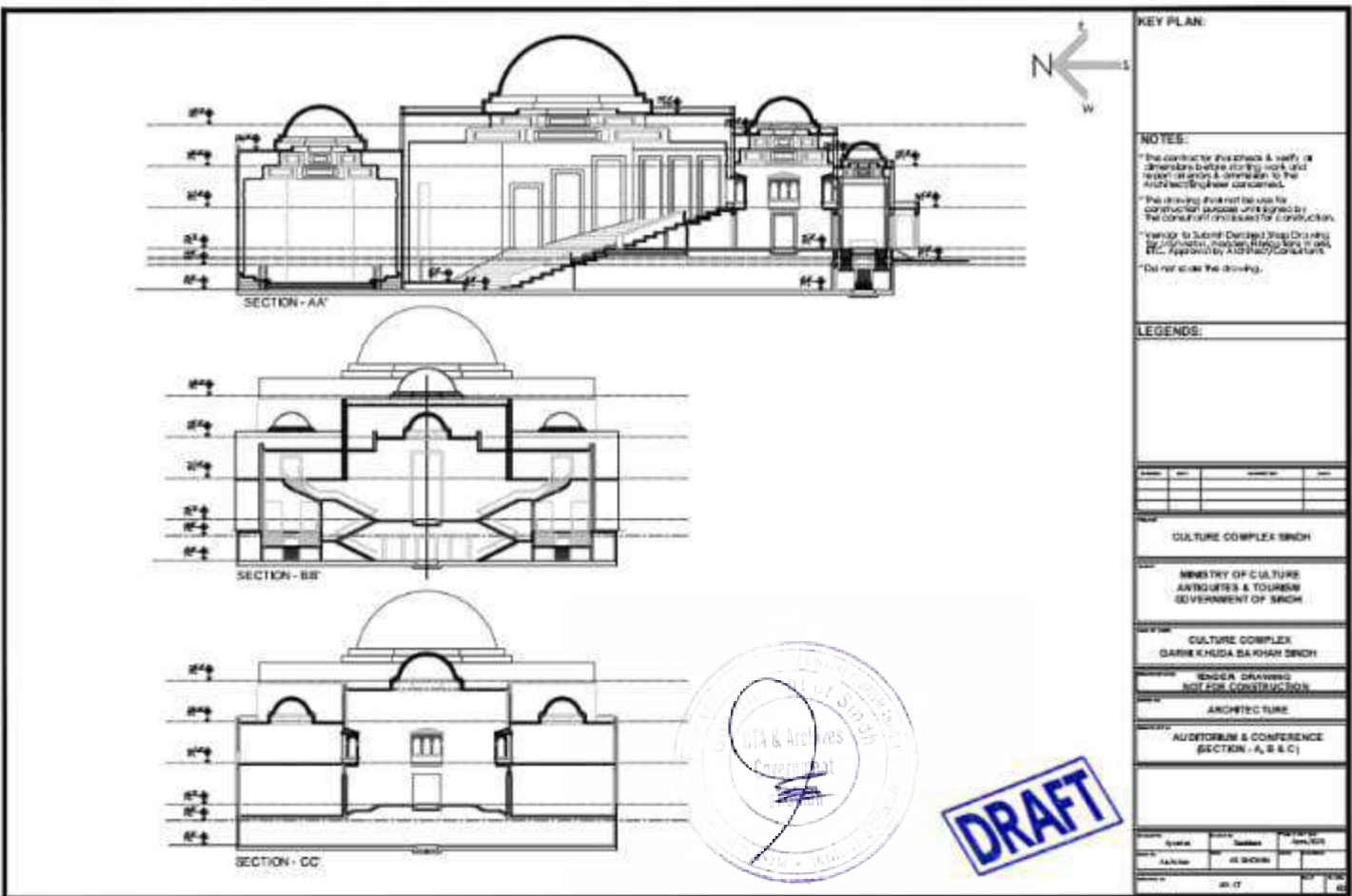
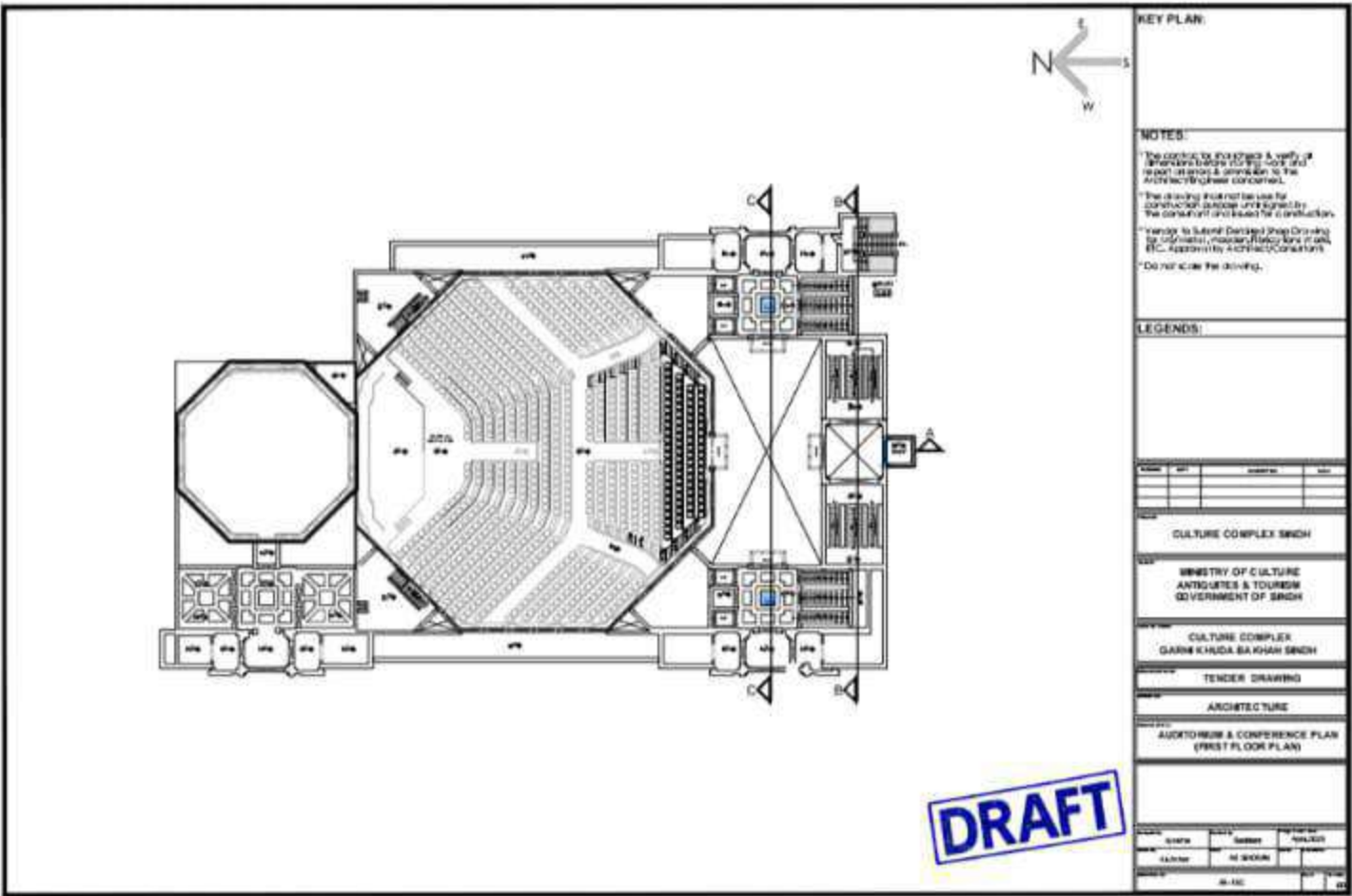
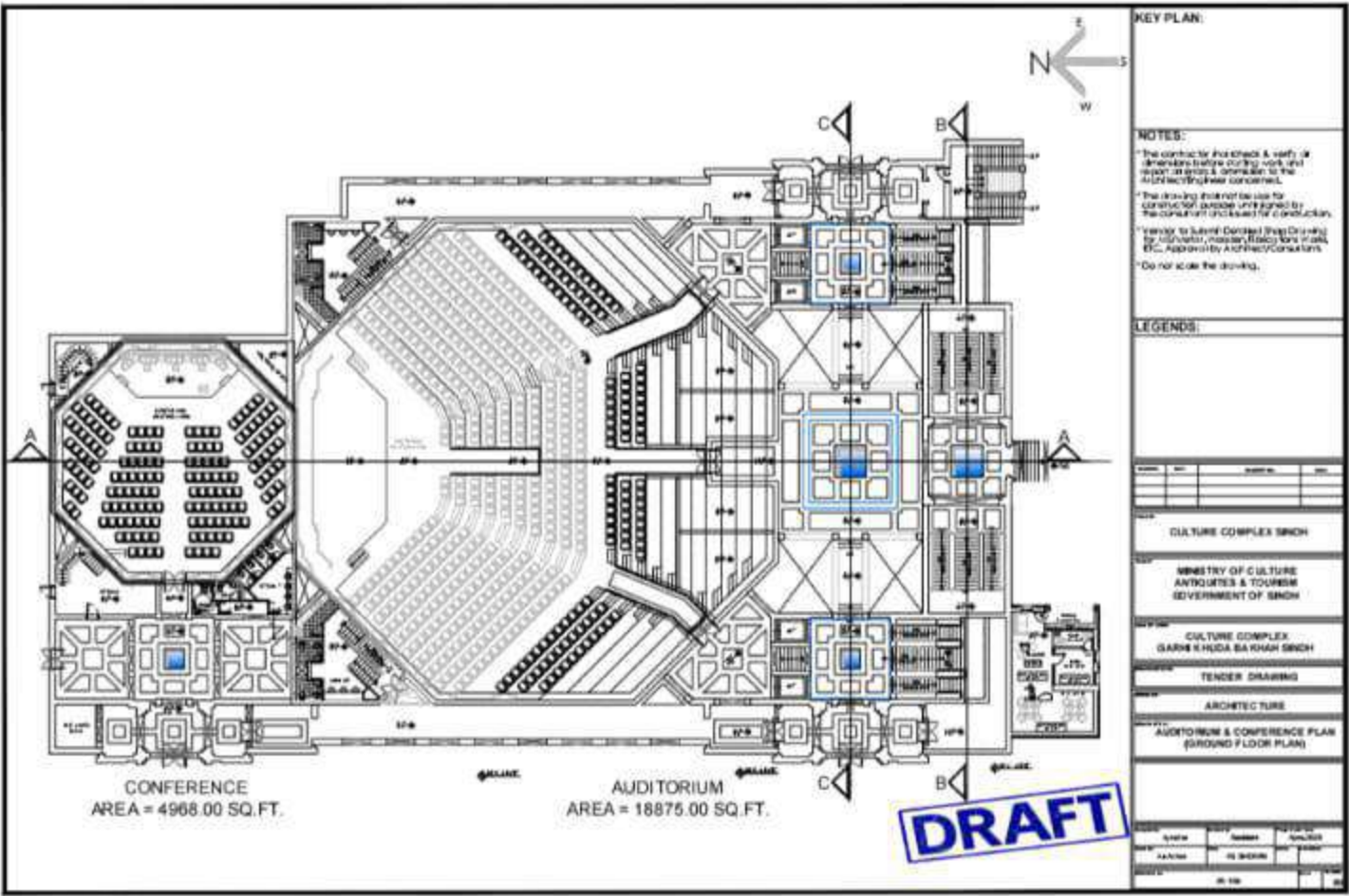




KEY PLAN:



KEY PLAN:





**GOVERNMENT OF SINDH
CULTURE, TOURISM, ANTIQUITIES
& ARCHIVES DEPARTMENT**

NOTIFICATION

No. SO(G)/CTA&AD/7-162/2024:- In pursuance of Rule 31 of Sindh Public Procurement Rules 2010 (Amended upto date); Complaint Redressal Committee (CRC) is hereby constituted comprising the following officers for scrutinizing the complaints of aggrieved bidders during the year 2026-27, in respect of Planning, Development, Monitoring & Implementation Cell, Culture, Tourism, Antiquities & Archives Department with immediate effect as under:-

- | | | |
|----|--|---------------------------|
| 1. | Mr. Abdul Fatah Shaikh
Resident Director (PDM&I Cell)
CTA&AD, Government of Sindh | Chairman |
| 2. | Mr. Altaf Ascom
Archaeologist | Independent Member |
| 3. | Mr. Zaheer Ahmed Shaikh
Deputy Director (E&E)
CTA&AD, Government of Sindh | Member / Secretary |
| 4. | Representative of AG Office/DAO
Office of the Accountant General Sindh, | Member |
| 5. | The Section Officer (Budget)
CTA&AD, Government of Sindh | Member |

Terms of Reference:

- As provided under Rule 31 of Sindh Public Procurement Rules 2010 (amended upto date) and to perform any other function ancillary and incidental related to complaints.

KHAIR MUHAMMAD KALWAR
Secretary to Govt. of Sindh

No. SO(G)/CTA&AD/7-162/2024 /9925

Karachi, dated the 15th September, 2026.

A copy is forwarded for information and necessary action to:-

- The Chairman, Planning & Development Board, Government of Sindh, Karachi.
- The Accountant General Sindh, Karachi, with request to nominate your representative for the above Complaint Redressal Committee.
- The Secretary, Finance Department, Government of Sindh, Karachi.
- The Managing Director, SPPRA, Government of Sindh, Karachi
- The Secretary, SGA&CD, Government of Sindh, Karachi
- The Director General (Culture), CTA&AD, Govt. of Sindh, Karachi
- The Director General (Antiquities & Archaeology), CTA&AD, Govt. of Sindh, Karachi.
- Member(s) of the Committee.
- PS to Minister for Culture, Tourism, Antiquities & Archives Sindh, Karachi.
- PS to Secretary, CTA&AD, Govt. of Sindh, Karachi.
- PA to Resident Director (PDM&I Cell), CTA&AD, Govt. of Sindh, Karachi.
- Notification File.

15/09/2026
(SECTION OFFICER - GEN)





**GOVERNMENT OF SINDH
CULTURE, TOURISM, ANTIQUITIES
& ARCHIVES DEPARTMENT**

NOTIFICATION

No. SO(G)/CTA&AD/7-162/2026: In supersession of all Pervious Notification of this Department, a Procurement Committee (Capital & Revenue Component) is hereby re-constituted Under the Rule 7 & 8 of the Sindh Public Procurement Rules, 2010 (Amended up to date), for the ADP Schemes, M&R, Non-ADP(Grant in Aid) Regular Budget & Revenue Budget for the year 2026-27 in respect of Planning, Development, Monitoring & Implementation Cell, Culture, Tourism, Antiquities & Archives Department, with immediate effect, as under:

- | | |
|---|-------------------------|
| 1. Mr. Akhtiar Ahmed Mangi
Executive Engineer,
Planning, Development, Monitoring & Implementation Cell,
Culture, Tourism, Antiquities & Archives Department | Chairman |
| 2. Mr. Abdul Wahab Abbasi
Accountant,
Planning, Development, Monitoring & Implementation Cell,
Culture, Tourism, Antiquities & Archives Department | Member/Secretary |
| 3. Mr. Wajahat Ahmed Patoli
Executive Engineer,
Works & Services Department, Government of Sindh | Member |

Terms of Reference:-

- i. Preparing of Bidding Documents.
- ii. Carrying out technical as well as financial evaluation of the bids
- iii. Making evaluation report as provided in SPP Rules 45.
- iv. Making recommendations for the award of contract to the Competent Authority.
- v. Perform any other function ancillary and incidental to the above.

KHAIR MUHAMMAD KALWAR
Secretary to Govt. of Sindh

No. SO(G)/CTA&AD/7-162/2026/9972 Karachi, dated the 22nd September, 2026

A copy is forwarded for information to:-

1. The Chairman, Planning & Development Board, Government of Sindh, Karachi.
2. The Accountant General Sindh, Karachi.
3. The Secretary, Finance Department, Government of Sindh, Karachi.
4. The Managing Director, SPPRA, Government of Sindh, Karachi
5. The Secretary, SGA&CD, Government of Sindh, Karachi
6. The Director General (A&A), CTA&AD, Government of Sindh, Karachi
7. Member(s) of the Committee.
8. PS to Minister for Culture, Tourism, Antiquities & Archives Sindh, Karachi.
9. PS to Secretary, Culture, Tourism, Antiquities & Archives Deptt: Govt. of Sindh, Karachi.
10. PA to Resident Director (PDM&I Cell) CTA&AD, Government of Sindh, Karachi.
11. Notification File.



22/09/2026.
(SECTION OFFICER - GEN)



NOTICE INVITING TENDER (N.I.T)

No. XEN/PDM&I-CELL/CTA&AD/NIT-GKB/2026-27/43

Dated: 23rd Sept, 2026

Planning, Development, Monitoring & Implementation Cell, Culture, Tourism, Antiquities & Archives Department, Government of Sindh, invites E-Bids through E-Pak Acquisition and Disposal System (EPADS) from eligible and interested Contractors/Firms/Companies registered with the relevant authorities where applicable, for the following work through Single Stage – Two Envelope Procedure under Rule 46(2) of the Sindh Public Procurement Rules, 2010, as amended up to date:

S.R. NO.	SCOPE OF WORK	COST (IN MILLION)	BID SECURITY (IN MILLION)	MANDATORY PEC CATEGORY	COMPLETION PERIOD
01.	Construction of Library and Auditorium Hall at Garhi Khuda Bux Bhutto	975.000	48.750	C-2 & Above	12 Months

Detailed mandatory eligibility and qualification requirements, evaluation criteria, terms and conditions, and other relevant provisions are contained in the bidding document, which is available on the EPADS/SPPRA portal.

1. Bidding/Tender Documents (Issuance, Opening & Submission):

- The bidding documents containing complete information regarding eligibility, qualification, technical requirements and evaluation criteria, specifications, condition of contract and other relevant information may be downloaded from the SPPRA/EPADS portal (<https://portalsindh.eprocure.gov.pk>) with effect from 25-09-2026.
- Interested bidders must be registered on EPADS. Bids, duly completed in all respects and signed by the authorized representative of the bidder, shall be submitted electronically through EPADS on or before **13-10-2026 at 10:30 A.M.**
- The Technical Proposals shall be opened on **13-10-2026 at 11:30 AM** at the office of the Executive Engineer, PDM&I Cell, Behind Rumi Graveyard, Near Grid Station at Northern By-Pass, Karachi. Manual bids and conditional bids shall not be accepted.
- The bidders are required to submit bid security in the form of Call deposit or pay order or demand draft or Bank Guarantee in favour of "DDO PDM&I Cell CTA&AD, Government of Sindh", (which should be debited from firm / bidder own Bank Account & duly mentioning the name & title of the firm). The copy of the bid security and tender fee instrument must be submitted online on the E-PAD system and original instrument of tender fee Rs.3,000/- and bid security as mentioned above must reach at the office of the Executive Engineer, PDM&I Cell, Behind Rumi Graveyard, Near Grid Station at Northern By-Pass, Karachi on or before the tender opening. The bid shall remain valid for 90 days from the date of opening of the Technical Proposals, and the Bid Security shall remain valid for 28 days beyond the Bid Validity period. Those bidders who failed to submit bid security and tender fee in original to the Procuring Agency prior to deadline of submission of bids shall be rejected.
- The procurement shall be conducted under the Single Stage-Two Envelope Procedure. The Technical Proposal shall be opened and evaluated independently of the Financial Proposal. The Financial Proposals of only those bidders who qualify technically shall be opened subsequently at a date, time and venue to be communicated to the technically qualified bidders in accordance with the SPPRA Rules.

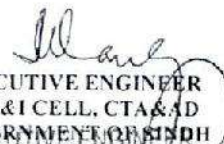
2. Terms & Conditions

- Bids shall be evaluated strictly in accordance with the eligibility, qualification, technical and financial evaluation criteria specified in the bidding documents. Failure to meet any requirement expressly identified as mandatory shall render the bid non-responsive.

23



- b. The bidder shall be solely responsible for the accuracy, completeness, and authenticity of all information, statements, certificates, and supporting documents submitted with the bid. Any material misrepresentation, concealment of facts, submission of incomplete or false information, or forged/fraudulent document may render the bid **non-responsive** and may result in rejection of the bid and/or such other action as may be permissible under the applicable procurement rules and law. The Procuring Agency reserves the right to verify and cross-check, from any reliable source, the authenticity and accuracy of any information or document submitted by the bidder.
- c. Bidders shall be solely responsible for regularly monitoring the **EPADS portal** and other prescribed procurement channels for any addendum, corrigendum, clarification, notification, amendment, or change relating to the procurement. No bidder shall be entitled to claim ignorance of any information duly communicated through the prescribed procurement channel.
- d. In the event that the scheduled date of bid submission or opening falls on a public holiday, or the office remains closed due to unforeseen circumstances, the bid submission/opening shall take place on the next working day at the same specified time, unless otherwise notified by the Procuring Agency through the prescribed procurement channel.
- e. As no PTCL landline facility is presently available, bidders requiring further information or assistance may contact the **Executive Engineer at Cell No. 0320-3184642 during official office hours.**


EXECUTIVE ENGINEER
PDM&I CELL, CT&AD
GOVERNMENT OF SINDH
Behind Kumi Graveyard, Near Grid Station
at Northern Bypass, Karachi
Culture, Tourism, & Antiquities Department
Government of Sindh



GOVERNMENT OF SINDH
CULTURE, TOURISM, ANTIQUITIES & ARCHIVES DEPARTMENT
PLANNING, DEVELOPMENT, MONITORING & IMPLEMENTATION CELL
PROCUREMENT PLAN (FY 2026-27)

Sr. No.	Description of Procurement	Qty.	Estimated Unit Cost (PKR)	Estimated Cost (PKR Million)	Budget Allocation (PKR Million)	Funding Source	Procurement Method	Time of Procurement				Remarks
								Q1	Q2	Q3	Q4	
1	2	3	4	5	6	7	8	9	10	11	12	13
1	WORKS (ADP)											
ON-GOING /NEW SCHEMES												
1	Preparation of Master Plan, Upgradation of Museum & Rest House, and Beautification of External Development at Mohenjo-Daro (UNESCO World Heritage Site)	N/A	N/A	330.000	1,500	ADP-69	Single Stage – Two Envelope Procedure	✓				
2	Preparation of Master Plan, Upgradation of Museum & Rest House, and Beautification of External Development at Mohenjo-Daro (UNESCO World Heritage Site) – Consultancy Services	N/A	N/A	150.000	1,500	ADP-69	Single Stage – Two Envelope Procedure	✓				
3	Construction of Library and Auditorium Hall at Garhi Khuda Bux Bhutto	N/A	N/A	1,170.000	1,170.000	ADP-88	Single Stage – Two Envelope Procedure	✓				
4	Construction of Library and Auditorium Hall at Garhi Khuda Bux Bhutto– Consultancy Services	N/A	N/A	23.547	23.547	ADP-88	Single Stage – Two Envelope Procedure	✓				
TOTAL				1,673.547	1,196.547							
2	GOODS / SERVICES (DEVELOPMENT BUDGET)											
1	Construction of Library and Auditorium Hall at Garhi Khuda Bux Bhutto	N/A	N/A	116.669	116.669	ADP-88	Single Stage – Two Envelope Procedure	✓				
TOTAL				116.669	116.669							




ASSISTANT DIRECTOR
 Planning Dev. Monitoring & Implementation Cell
 Culture, Tourism, Antiquities & Archives Department
 Government of Sindh



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PLANNING, DEVELOPMENT, MONITORING & IMPLEMENTATION CELL CULTURE, TOURISM, ANTIQUITIES & ARCHIVES DEPARTMENT, GOVERNMENT OF SINDH -BEHIND RUMI GRAVEYARD, NEAR GRID STATION AT NORTHERN BY-PASS, KARACHI

NOTICE INVITING TENDER (N.I.T)

No. XEN/PDM&I-CELL/CTA&AD/NIT-GKB/2026-27/43 Dated: 23rd Sept, 2026

Planning, Development, Monitoring & Implementation Cell, Culture, Tourism, Antiquities & Archives Department, Government of Sindh, invites E-Bids through E-Pak Acquisition and Disposal System (EPADS) from eligible and interested Contractors/Firms/Companies registered with the relevant authorities where applicable, for the following work through Single Stage – Two Envelope Procedure under Rule 46(2) of the Sindh Public Procurement Rules, 2010, as amended up to date:

Sr. No.	Scope of Work	Cost (in million)	Bid security (in million)	Mandatory PEC Category	Completion Period
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Detailed mandatory eligibility and qualification requirements, evaluation criteria, terms and conditions, and other relevant provisions are contained in the bidding document, which is available on the EPADS/SPPRA portal.

1. Bidding/Tender Documents (Issuance, Opening & Submission):

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- The bidders are required to submit bid security in the form of Call deposit or pay order or demand draft or Bank Guarantee in favour of "DDO PDM&I Cell CTA&AD, Government of Sindh", (which should be debited from firm / bidder own Bank Account & duly mentioning the name & title of the firm). The copy of the bid security and tender fee instrument must be submitted online on the E-PAD system and original instrument of tender fee Rs.3,000/- and bid security as mentioned above must reach at the office of the Executive Engineer, PDM&I Cell, Behind Rumi Graveyard, Near Grid Station at Northern By-Pass, Karachi on or before the tender opening. The bid shall remain valid for 90 days from the date of opening of the Technical Proposals, and the Bid Security shall remain valid for 28 days beyond the Bid Validity period. Those bidders who failed to submit bid security and tender fee in original to the Procuring Agency prior to deadline of submission of bids shall be rejected.
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2. Terms & Conditions

- Bids shall be evaluated strictly in accordance with the eligibility, qualification, technical, and financial evaluation criteria specified in the bidding documents. Failure to meet any requirement expressly identified as mandatory shall render the bid non-responsive.
- The bidder shall be solely responsible for the accuracy, completeness, and authenticity of all information, statements, certificates, and supporting documents submitted with the bid. Any material misrepresentation, concealment of facts, submission of incomplete or false information, or forged/fraudulent document may render the bid non-responsive and may result in rejection of the bid and/or such other action as may be permissible under the applicable procurement rules and law. The Procuring Agency reserves the right to verify and cross-check, from any reliable source, the authenticity and accuracy of any information or document submitted by the bidder.
- Bidders shall be solely responsible for regularly monitoring the EPADS portal and other prescribed procurement channels for any addendum, corrigendum, clarification, notification, amendment, or change relating to the procurement. No bidder shall be entitled to claim ignorance of any information duly communicated through the prescribed procurement channel.
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- As no PTCL landline facility is presently available, bidders requiring further information or assistance may contact the Executive Engineer at Cell No. 0320-3184642 during official office hours.

**EXECUTIVE ENGINEER
PDM&I CELL, CTA&AD
GOVERNMENT OF SINDH**
Behind Rumi Graveyard, Near Grid Station at Northern By-Pass, Karachi

WORK FOR SINDH



JOB PORTAL BY
INFORMATION DEPARTMENT

INF/KRY4247/2026



No. XEN/PDMA-I-CELL/CTAAAD/SHI-GKD/2026-27/43 Dated: 23rd Sept, 2026

تصنيفى معلوماتى گهرجون: بائى، جامعيات، شرط و ضابطا و سى، ناگواريل معلومات، باءك نسلونين و دوجود
مى، جوتلى SYPRAEPAIDS پورشل شى دستياب آفون

2. شروط و ضوابط:

INF/KRY-4247/2026

