



TWO VOLUMES
Volume-I: Instructions to Bidders
& Conditions of Contract
Volume-II: Financial Bid

STATE BANK OF PAKISTAN
SBP BANKING SERVICES CORPORATION
HEAD OFFICE KARACHI

VOLUME-I

(Technical Proposal)

Bidding documents

For

OVERHAULING OF AIR-HANDLING UNITS INSTALLED AT 1ST & 3RD FLOORS OF BSC HOUSE
BUILDING, SBP KARACHI

BIDDING AND CONTRACT DOCUMENT

INVITATION TO BID
INSTRUCTIONS TO BIDDERS
BIDDING DATA
FORM OF BID
QUALIFICATION CRITERIA
CONDITIONS OF CONTRACT
STANDARD FORM
DRAWINGS
SPECIFICATIONS

May-2022





SBP BANKING SERVICES CORPORATION
Engineering Department
Head Office Karachi

No. ED/Civil,E&M/65,66,67,68/028326/2022

INVITATION TO BIDS

1. Sealed Bids are invited from the contractors / firms registered with Income Tax and Sales Tax Department and who are on Active Taxpayers List of the Federal Board of Revenue for procurement as below:

S. No.	Tender No.	Description of Projects	Time of Technical Bid Opening
1.	65	Providing, Placing & Maintenance of Indoor Plants in Various Buildings of State Bank of Pakistan, Head office Karachi	03:00PM
2.	66	Overhauling of Cooling Tower # 05 installed at Central AC Plant of Main Air-Conditioning Plant of MBB & LRC Building, SBP Karachi	03:05PM
3.	67	Overhauling of Air-Handling Units installed at 1st & 3rd Floors of BSC House Building, SBP Karachi	03:10PM
4.	68	Continuous & Uninterrupted Management Services for Central Air conditioning Plant for Main Bank & LRC Building at State Bank of Pakistan, Head Office Karachi	03:15PM

2. Bidding documents, containing detailed terms and conditions, etc. are available at Office of the Executive Engineer (Phone # 021-32454168/(05)/(71), Engineering Department, State Bank of Pakistan SBP BSC, 1st floor SBP Bolton Market Building, M.A. Jinnah Road, Karachi. The firms are required to submit their application on letter head for issuance of bidding documents along with Cash or Pay order of Rs.500/- (Non-Refundable) for each work drawn in favor of State Bank of Pakistan Banking Service Corporation as Bidding Documents fee.

3. The bids along with bid security, prepared in accordance with the instructions in the bidding documents, must be dropped in the tender box kept in the Office of PA to Director Engineering, at the specified address mentioned above, on or before **09-Jun-22** till **02:30 PM**. Bids will be opened on the same day as per timing mentioned in the above schedule. In case bid opening date is falling on a public holiday, the bid will be opened on next working day at the same time and venue. This advertisement is also available on PPRA and SBP websites at www.ppra.org.pk and www.sbp.org.pk respectively.

Sd/-
Director Engineering



Sr. No.	DESCRIPTION
1.	Bidding Documents Section-1-Part-1- (Instructions to Bidders)
2.	Bidding Documents Section-1-Part-2 – (Bidding Data)
3.	Bidding Documents Section-1-Part-3 – (Form of Bid)
4.	Bidding Documents Section-1-Part-4- (Schedules to Bid)
5.	Bidding Documents Section-2-Part-1- (Conditions of Contract)
6.	Bidding Documents Section-2-Part-2- (Contract Data)
6.	Bidding Documents Section-3-Part-1- (Standard Forms)
7.	Specifications
8.	Drawings



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INSTRUCTIONS TO BIDDERS

A. GENERAL

IB.1 Scope of Bid and Source of Funds

1.1 Scope of Bid

State Bank of Pakistan Banking Services Corporation, having its principal place of business as defined in Bid Data Sheet, (hereinafter called "SBP BSC") invites Bids for the Services summarized in the Bid Data Sheet (hereinafter referred to as "the Services"), at the Buildings and other areas specified in the Bid Data Sheet (hereinafter referred to as Premises). Bidders must quote for the complete scope of Services. Any Bid covering partial scope of Services will be declared non-responsive.

IB.2 Eligible Bidders

- 2.1 Bidding shall be conducted using the National Competitive Bidding Procedure specified under Rule-36(b) of Public Procurement Regulatory Rules-2004 (PPR-2004). The bid shall comprise a single package containing two separate envelopes. Each envelope shall contain separately the financial proposal and the technical proposal. The envelopes shall be marked as "FINANCIAL PROPOSAL" and "TECHNICAL PROPOSAL" in bold and legible letters to avoid confusion. Initially, only the envelope marked "TECHNICAL PROPOSAL" shall be opened and the envelope marked as "FINANCIAL PROPOSAL" shall be retained in the custody of SBP BSC without being opened. SBP BSC will evaluate the technical proposal in a manner prescribed in advance, without reference to the price and reject any proposal which does not conform to the specified requirements. The financial proposals of bids shall be opened publicly at a time date and venue announced and communicated to the bidders in advance. The financial proposal of bids found technically nonresponsive shall be returned un-opened to the respective bidders.
- 2.2 This Invitation for Bids is open to all firms or companies dealing in similar works and not been blacklisted or in litigation with any government department, autonomous body or any other organization. Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices, as defined under Rule 2(1) (f) PPR-2004, issued by SBP BSC or any other organization. Firms/companies owned wholly or partly by persons having business interests with any official of the SBP BSC responsible for preparation of bidding documents, specifications and procurement of the works in whatsoever capacity cannot participate in the bidding process.
- 2.3 Bidders meeting the minimum mandatory requirements as per **Schedule-A to Bid** (Bid Evaluation Criteria) shall be considered qualified and their bids shall be declared responsive.

IB.3 Cost of Bidding

- 3.1 The bidder shall bear all costs associated with the preparation and submission of its bid and SBPBSC will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

B. BIDDING DOCUMENTS

IB.4 Contents of Bidding Documents

- 4.1 In addition to Invitation for Bids, the Bidding Documents are those stated below, and should be read in conjunction with any Addendum issued in accordance with Sub-Clause 6.1 of ITB.
- 4.1.1 Instructions to Bidders and Bid Data Sheet
- 4.1.2 Form of Bid and Schedules to Bid.
- 4.1.3 Schedules to Bid comprise the following:
- a. Schedule A: Post Qualification and Bid Evaluation Criteria
 - b. Schedule B: Schedule of Prices
 - c. Schedule C: Specific Services Data
 - d. Schedule D: Services to be performed by Subservice Providers
 - e. Schedule E: Proposed Methodology/ Program of Performing the Services
- 4.1.4 Form of Conditions of Contract
- 4.1.5 Standard Forms:
- a. Form of Bid Security
 - b. Form of Performance Guarantee
 - c. Form of Agreement
- 4.1.6 Drawings

IB.5 Clarification of Bidding Documents

- 5.1 Prospective bidders requiring any clarification regarding the bidding documents may send their queries to SBP BSC at the address give in Clause 15.1. Such queries must reach the office of SBP BSC at least Ten (10) days before the date fixed for submission of bids.
- 5.2 SBP BSC will respond to any request for clarification that is received not later than Ten (10) days prior to the deadline for the submission of Bids. Copies of the SBP BSC's response will be forwarded to all prospective bidders, who have received the Bidding Documents including a description of the enquiry but without identifying



its source.

IB.6 Amendment of Bidding Documents

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

C. PREPARATION OF BIDS

IB.7 Language of Bid

- 7.1 The bid prepared by the bidder and all correspondence and documents relating to the Bid, exchanged by the bidder and SBP BSC shall be written in the English or Urdu language, provided that any printed literature furnished by the bidder may be written in another language as long as accompanied by an English translation of its pertinent passages in which case, for purposes of interpretation of the Bid, the English translation shall govern the relation between the parties.

IB.8 Documents Comprising the Bid

- 8.1 The bid shall comprise of the following documents:
- 8.1.1 Covering Letter on company/firm letter head.
- 8.1.2 Schedules (A to F excluding Schedule-B) to Bid duly filled and initialed, in accordance with the instructions contained therein and in accordance with Sub-Clause 14.3 of ITB.
- 8.1.3 Form of Technical Bid duly filled, signed and sealed, in accordance with Sub-Clause 14.3 of ITB.
- 8.1.4 Bidder's 'Company Profile' including list of tools, equipment and other facilities owned by the Bidder.
- 8.1.5 Bidding Documents (in original) duly signed and stamped on each page/sheet. The number of copies shall be as stated elsewhere in these documents.
- 8.1.5 Power of Attorney in accordance with Sub-Clause 14.6 of ITB.
- 8.1.6 Documentary evidence in accordance with Clause 11 of ITB.
- 8.1.7 Documentary evidence in accordance with Clause 12 of ITB.
- 8.1.8 Bid Security furnished in accordance with Clause 13 of ITB.

IB.9 Sufficiency of Bid

- 9.1 Each bidder shall satisfy himself before Bidding as to the correctness and sufficiency of his Bid and of the rates and prices entered in the Schedule of Prices, which rates and prices shall except in so far as it is otherwise expressly provided in the Contract, cover all his obligations under the Contract and all matters and things necessary for the proper completion of the Services.
- 9.2 The bidder is advised to obtain for himself at his own cost and responsibility all information that may be necessary for preparing the bid and entering into a Contract for execution of the Services.
- 9.3 The Bidders, at their own responsibility, risk and cost, are encouraged to visit and examine the premises/ buildings and the surrounding areas and obtain all information that may be necessary for preparing the Bid and entering into a contract for the Services.

IB.10 Bid Prices, Currency of Bid and Payment

- 10.1 The bidder shall fill up the Schedule of Prices (Schedule B to Bid) indicating the unit rates and prices of the Services to be performed under the Contract. Prices in the Schedule of Prices shall be entered in Pak Rupees keeping in view the instructions contained in the Preamble to Schedule of Prices.
- 10.2 Unless otherwise stipulated in the Conditions of Contract, prices quoted by the bidder shall remain fixed during the bidder's performance of the Contract and not subject to variation on any account.
- 10.3 The unit rates and prices in the Schedule of Prices shall be quoted by the bidder in the currency as stipulated in Bid Data Sheet.

IB.11 Documents Establishing the Bidder's Eligibility and Qualifications

- 11.1 Pursuant to Clause-2 and 8, the bidder shall furnish, as part of its bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the services if its bid is accepted.
- 11.2 Bidders must possess and provide evidence of its capability and the experience as stipulated in Bid Evaluation Criteria (Schedule A to Bid).

IB.12 Documents Establishing Service's Conformity to Bidding Documents

- 12.1 The documentary evidence of the Service's conformity to the Bidding documents may be in the form of drawings and data, and the bidder shall furnish documentation as set out in the Bid Data Sheet.
- 12.2 The bidder shall note that standards for workmanship, material and equipment, and references to brand names catalogue numbers, if any, designated by the SBP BSC in the Technical Provisions are intended to be descriptive



only and not restrictive.

IB.13 Bid Security

- 13.1 Each bidder shall furnish, as part of his bid a Bid Security in the amount stipulated in the Bid Data Sheet in Pak. Rupees, in the form of a Bank draft / Pay order / Bank Guarantee, in favour of SBP BSC issued by a Scheduled Bank in Pakistan valid for a period up to twenty eight (28) days beyond the bid validity date.
- 13.2 Any bid not accompanied by an acceptable Bid Security shall be rejected by SBP BSC and declared non-responsive.
- 13.3 The bid securities of unsuccessful bidders will be returned upon award of contract to the successful bidder, or on the expiry of validity of Bid Security whichever is earlier.
- 13.4 The Bid Security of the successful bidder will be returned when the bidder has furnished the required Performance Guarantee, pursuant to Clause 20 of ITB and signed the Agreement, pursuant to Sub-Clauses 19.2 of ITB and 19.3 of ITB.
- 13.5 The Bid Security may be forfeited:
- 13.5.1 If a bidder withdraws his bid during the period of bid validity; or
- 13.5.2 If a bidder does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.6 of ITB hereof;
OR
- 13.5.3 In the case of a successful bidder, if he fails to:
- a. Furnish the required Performance Guarantee in accordance with Clause 20 of ITB,
OR
 - b. Sign the Agreement, in accordance with Sub-Clauses 19.2 of ITB and 19.3 of ITB.

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

- 14.1 Bids shall remain valid for the period stipulated in the Bid Data Sheet after the date of bid opening.
- 14.2 All Schedules to Bid are to be properly completed and signed.
- 14.3 No alteration is to be made in the Form of Bid except in filling up the blanks as directed. If any alteration is made in the Form of Bid or any other part of Bidding Documents, or if these instructions be not fully complied with, the bid may be rejected.
- 14.4 In accordance with Clause IB-8, Bids shall be sealed in an envelope addressed to SBP BSC at the address provided in the Bid Data Sheet, with description of the contract and a warning regarding not to open before the specified date and time. Name and address of the bidder must also be marked on the envelope at the appropriate place.
- 14.5 Each bidder shall prepare an Original and number of copies specified in the Bid Data Sheet of the documents comprising the bid as described in Clause 8 and clearly mark them "ORIGINAL" and "COPY" as appropriate. In the event of discrepancy between them, the original shall prevail.
- 14.6 The original and all copies of the bid shall be typed or written in permanent ink and shall be signed by a person or persons duly authorized to sign (in the case of copies, Photostats are also acceptable). This shall be indicated by submitting a written Power of Attorney authorizing the signatory of the bidder to act for and on behalf of the bidder. All pages of the bid shall be initialed, and an official seal shall be affixed by the person or persons signing the bid.
- 14.7 The Bid shall be delivered in person or sent by registered mail at the address of SBP BSC as given in the Bid Data Sheet.

D. SUBMISSION OF BIDS

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

- 15.1 Bids must be received by SBP BSC at the address/provided in the Bid Data Sheet not later than the time and date stipulated therein.
- 15.2 Bids submitted through telegraph, telex, fax or e-mail shall not be considered.
- 15.3 Any bid received by the SBP BSC after the deadline for submission prescribed in the Bid Data Sheet will be returned unopened to such bidder.
- 15.4 Any bidder may modify or withdraw his bid after bid submission provided that the modification or written notice of withdrawal is received by the SBP BSC prior to the deadline for submission of bids.
- 15.5 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security pursuant to Sub-Clause 13.5.1 of ITB.

E. BID OPENING AND EVALUATION

IB.16 Bid Opening, Post-Qualification, Clarification and Evaluation

- 16.1 SBP BSC will open the Bids in the presence of all the bidders' representatives who may choose to attend at the time, date and location stipulated in the Bid Data Sheet.
- 16.2 SBP BSC will conduct post-qualification of the bidders in line with the stipulations of Schedule-A to Bid (Bid Evaluation Criteria) on the basis of documents provided in accordance with Clause 8 of ITB and 11 of ITB. Any bid not meeting the requirements of Schedule-A shall be subject to rejection and will not be considered. The Bidders should submit detailed technical data regarding the services and brochures of the offered equipment and materials etc.



- 16.3 The bidder's name, Bid Prices, any discount, the presence or absence of Bid Security, and such other details as SBP BSC at its discretion may consider appropriate, will be announced by SBP BSC at the bid opening. SBP BSC will record the minutes of the bid opening. The representatives of the bidders, who choose to attend, shall sign the attendance sheet.
Any Bid Price or discount which is not read out and recorded at bid opening will not be taken into account in the evaluation of bid.
- 16.4 To assist in the examination, evaluation and comparison of Bids, SBP BSC may, at its discretion, ask the bidder for a clarification of its Bid. The request for clarification and the response shall be in writing, and no change in the price or substance of the Bid shall be sought, offered or permitted.
- 16.5 During tender evaluation no amendment in the bid shall be allowed.
- 16.6 Arithmetical errors will be rectified on the following basis:
- If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected.
 - If there is a discrepancy between the words and figures the amount in words shall prevail. If there is a discrepancy between the Total Bid price entered in Form of Bid and the total shown in Schedule of Prices-Summary, the amount stated in the Form of Bid will be corrected by SBP BSC in accordance with the Corrected Schedule of Prices.
 - If the bidder does not accept the corrected amount of Bid, his Bid will be rejected and his Bid Security forfeited.
- 16.7 Any minor informality, non-conformity or irregularity in a Bid which does not constitute a material deviation may be waived by SBP BSC, provided such waiver does not prejudice or affect the relative ranking of any other bidders.
- 16.8 SBP BSC will evaluate and compare only the bids previously determined to be substantially responsive and qualified pursuant to Sub-Clauses 16.2 of ITB to 16.4 of ITB as per requirements given hereunder. Bids will be evaluated for complete scope of services. The prices will be compared on the basis of the Evaluated Bid Price and during evaluation of the bid's price, SBP BSC will determine for each bid in addition to the Bid Price, the following factors (adjustments) in the manner and to the extent indicated below to determine the Evaluated Bid Price:
- Making any correction for arithmetic errors pursuant to Sub-Clause 16.6 of ITB hereof.
 - Making an appropriate price adjustment for any other acceptable variation or deviation.
 - Discount, if any, offered by the bidders as also read out and recorded at the time of bid opening.
- 16.9 Bid shall cover complete scope of services. Any Bid covering partial scope of services will be declared non-responsive.
- IB.17 Process to be Confidential**
- 17.1 Information relating to evaluation of bids and recommendations concerning to award of the contract shall not be disclosed by SBP BSC to the bidders or to any other person who is not officially concerned with the process, until the announcement of the result of evaluation.
- 17.2 The Bidder shall not disclose or attempt to make public any information relating to the bidding documents, bidding process and award of the contract to any person or entity without SBP BSC's prior written consent.
- 17.3 In case of any disclosure related to the bidding process and contractual obligations at any stage by any bidder and/or contractor, SBP BSC may reject its bid and/or terminate the contract.

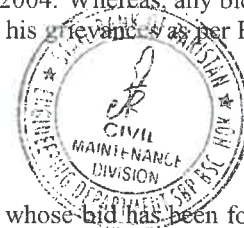
IB.18 Contacting SBP BSC

- 18.1 Subject to Sub-Clause 16.4 of ITB heretofore, no bidder shall contact SBP BSC on any matter relating to its Bid from the time of the Bid opening to the time the bid evaluation results are announced by SBP BSC. The evaluation results shall be announced as under:
- Technical Evaluation Report would be posted for seven days on SBP's website and on Notice Board at its office
 - Financial / Final Evaluation Report would be posted for fifteen days on PPRA and SBP websites and on Notice Board of office
- 18.2. Any effort by a bidder to influence SBP BSC in the Bid evaluation, Bid comparison or Contract Award decisions may result in the rejection of his Bid and lead to blacklisting as per Rule 19 of PPR-2004. Whereas, any bidder feeling aggrieved by any act of SBP BSC may lodge a written complaint concerning his grievance as per Rule 48 of PPR-2004.

F. AWARD OF CONTRACT

IB.19 Award Criteria

- 19.1 Subject to Sub-Clause 19.2 of ITB, SBP BSC will award the Contract to the bidder whose bid has been found most advantageous bid i.e. the bid which has been determined to be substantially responsive to the eligibility criteria and other terms of Bidding Documents and which is the lowest evaluated Bid Price.
- 19.2 Notwithstanding Sub-Clause 19.1 of ITB, SBP BSC reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to acceptance of a bid or proposal, without thereby incurring



any liability to the affected bidders or any obligation to inform the affected bidders of the grounds for SBP BSC's action. The grounds for its rejection of all bids shall upon request be communicated, to any bidder who submitted a bid, but will not be liable to provide any justification for the grounds of rejection. Notice of the rejection of all the bids shall be given promptly to all the bidders.

IB.20 Notification of Award and Signing of Agreement

- 20.1 Prior to expiration of the period of bid validity prescribed by SBP BSC, SBP BSC will notify the successful bidder in writing ("Letter of Acceptance") that his bid has been accepted.
- 20.2 Within fifteen (15) days from the date of furnishing of acceptable Performance Guarantee under the Conditions of Contract, SBP BSC will send the successful bidder the Form of Agreement provided in the Bidding Documents, incorporating all agreements between the parties.
- 20.3 The formal Agreement between SBP BSC and the successful bidder shall be executed within seven (07) days of the receipt of Form of Agreement by the successful bidder from SBP BSC.

IB.21 Performance Guarantee

- 21.1 The successful bidder shall furnish to SBP BSC a Performance Guarantee in the form and the amount stipulated in the Bid Data Sheet within a period of 15 days after the receipt of Letter of Acceptance.
- 21.2 Failure of the successful bidder to comply with the requirements of Sub-Clauses 20.2 of ITB and 20.3 of ITB or 21.1 of ITB or Clause 22 of ITB shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.

IB.22 Integrity Pact

- 22.1 If contracts amount exceeds Rupees ten (10) million, execution of Integrity Pact is applicable as per Schedule F to the Bid Documents.

IB.23 Rates inclusive of all taxes

- 23.1 The quoted rates should be inclusive of all applicable taxes, duties, liabilities including overheads, transportation charges etc. The exemption in Taxes will only be allowed against an Exemption Certificate issued by the Income Tax Department.

IB.24 Code of Conduct

- 24.1 It is SBP BSC's policy that Bidders to observe the highest standards of ethics during the procurement and execution of contracts. In pursuance of this policy, SBP BSC follows, inter alia, the instructions contained in PPR-2004 which provides as under:

"2(1)(b*) blacklisted" means a bidder that is declared by the Authority untrustworthy after establishing the fact that the bidder was found involved in any corrupt and fraudulent practice or practices; or if the bidder is declared incapable by the Authority due to its established performance failure during the execution of the contract; or if the bidder deviates from its prior commitment or declaration made regarding the bid or proposal submitted by the bidder.

"2(1)(f) corrupt and fraudulent practices" in respect of procurement process, shall be either one or any combination of the practices including,-

- (i) "coercive practices" which 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 practices" which means any arrangement between two or more parties to the procurement process designed to stifle open competition for any wrongful gain, and to establish prices at artificial, non-competitive levels;
- (iii) "corrupt practices" which means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;
- (iv) "fraudulent practices" which 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; and
- (v) "obstructive practices" which means harming or threatening to harm, directly or indirectly, persons to influence their participation in a procurement process, or affect the execution of a contract;

- 24.2 Under Rule 19 of PPR-2004, "SBP BSC can inter alia blacklist bidders that are found to be indulging in corrupt or fraudulent practices. Such barring action will be duly publicized and communicated to the PPRA.

- 24.3 Such matters would be referred to SBP BSC Blacklisting Committee which is empowered to take action accordingly per Rule 19 of PPR-2004. However such barring action shall be undertaken only after the bidder, who is to be barred and blacklisted, is accorded adequate opportunity of being heard. Decision of *SBP BSC Blacklisting Committee* will be final and conclusive.



- 24.4 The receipt for any money paid by the bidders will not be considered as any acknowledgement of payment to the bidder unless such receipt is signed by a duly authorized officer of SBP BSC and bidder shall be solely responsible for ensuring that a proper receipt is provided.
- 24.5 Attention of bidders is drawn to Rule-32 of PPR-2004 whereby they are required to identify any discriminatory and difficult condition, introduced by SBP BSC which discriminates between bidders or that is considered to be met with difficulty. In ascertaining the discriminatory or difficult nature of any condition, reference shall be made to the ordinary practices of that trade, manufacturing, construction business or service to which this particular procurement is related. However in certain conditions SBP BSC may describe exceptions or preferences consistent with Rule-4 of PPR-2004.
- 24.6 SBP BSC's policy requires that selected bidder provide professional, objective, and impartial advice and services and at all times hold the SBP BSC's interests paramount, strictly avoid conflicts with other assignments or their own corporate interests, and act without any consideration for future work. Bidders have an obligation to disclose any situation of actual or potential conflict that impacts their capacity to serve the best interest of SBP BSC, or that may reasonably be perceived as having this effect. Failure to disclose said situations may lead to the disqualification of the bidder or termination of the contract arising out of this procurement
- 24.7 Without limitation on the generality of the foregoing, bidders and any of their affiliates, shall be considered to have a conflict of interest in the following circumstances:
- 24.7.1 A bidder who has been engaged by SBP BSC to provide goods, works or services other than consulting services for a project, and any of its affiliates, shall be disqualified from providing consulting services related to those goods, works or services. Conversely, a bidder hired to provide consulting services for the preparation or implementation of a project, and any of its affiliates, shall be disqualified from subsequently providing goods or works or services other than consulting services resulting from or directly related to the firm's consulting services for such preparation or implementation.
- 24.7.2 A bidder (including its Personnel or any of its affiliates) shall not be hired for any assignment that, by its nature, may be in conflict with another assignment of the bidder to be executed for the same or for another client.
- 24.7.3 A bidder (including its Personnel) that has a business or family relationship with a member of SBP BSC's staff who is directly or indirectly involved in any part of (a) the preparation of the specifications of the goods, (b) the selection process for such assignment, or (c) supervision of the Contract, may not be awarded a Contract, unless the conflict stemming from this relationship has been resolved in a manner acceptable to the appropriate authority within SBP BSC.
- 24.8.4 Bidders shall not recruit or hire any agency or current employees of SBP BSC. Recruiting former employees of SBP BSC or other civil servants to work for the bidders is acceptable provided no conflict of interest exists. When the bidder nominates any government employee as Personnel in their bid, such Personnel must have written certification from their government or employer confirming that they are on leave without pay from their official position and allowed to work full-time outside of their previous official position. Such certification shall be provided to SBP BSC by the bidder as part of its bid.

IB.25 Overriding Effect

- 25.1 The PPR-2004 shall have an overriding effect over all these documents.

IB.26 One Bid per Bidder

- 26.1 Each bidder shall submit only one bid. A bidder who submits or participates in more than one bid will be disqualified.



*(Bidding Documents, Section-1, Part-2)***BIDDING DATA**

The following Bidding Data shall be deemed to form and be read and constructed as part of the Bid, including Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.

IB Clause No.	Description	Explanation/ Clarification
1.1	The Employer	State Bank of Pakistan, Banking Service Corporation (Bank)
1.1	Works	Overhauling of Air-Handling Units installed at 1st & 3rd Floors of BSC House Building, SBP Karachi
5.1	SBP BSC's Address	Director, Engineering Department, State Bank of Pakistan, SBP-BSC, 1st floor, Bolton Market Building, M.A. Jinnah Road, Karachi. Phone: 021-99212320 Fax: (021) 99217237
10.3	Currency of Bid	Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.
13.1	Amount of Bid Security	Each bidder shall furnish, as part of his bid a Bid Security of Rs.50,000/- in the shape of Pay Order / Demand Draft /Deposit at call in favor of <u>SBP-Banking Service Corporation</u> valid for a period 28 days beyond the Bid Validity date.
14.1	Bid Validity	Bid Validity period is 180 days from the date fixed for opening of Technical Bids.
14.4	No. of Copies of Bid	Nil (Only original Bid to be submitted)
14.6 & 15.1	Address for Bid Submission	As mentioned in Invitation to Bid
15.3	Deadline for Bid Submission	As mentioned in Invitation to Bid
16.1	Bid opening	As mentioned in Invitation to Bid
17.2	Address of Grievances Committee	Chairperson Grievances Committee, Human Resource Management Department, 1 st Floor, SBP Banking Service Corporation, Head Office, BSC House, I. I Chundrigar Road, Karachi
21.1	Performance Security	<p>a. If the cost of works is less than Rs. 4 Million, the Bid Security of the most advantageous bidder would be retained as Performance Security, otherwise:</p> <p>b. 10% of the Contract Price stated in Letter of Acceptance / Award in any forms in shape of Pay Order/Demand Draft/Deposit at Call/Bank Guarantee from any Schedule Bank registered in Pakistan.</p> <p>c. The Performance Security would remain valid 60 days beyond completion of Defect Liability Period and would be released after successful completion of defect liability period.</p>

(Bidding Documents, Section-1, Part-3)

FORM OF BID
(LETTER OF OFFER)

Bid Reference No. _____

**OVERHAULING OF AIR-HANDLING UNITS INSTALLED AT 1ST & 3RD FLOORS OF BSC HOUSE BUILDING,
SBP KARACHI**

To: Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, Schedule of Prices and Addenda Nos. _____ for the execution of the above-named Works, we, the undersigned, being a company doing business under the name of and address _____ and being duly incorporated under the laws of Pakistan hereby offer to execute the subject works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price as stated in Volume-II: Schedule of Prices or such other sum as may be ascertained in accordance with the said Documents.
2. We understand that all the Schedules attached hereto form part of this Bid.
3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security as specified in bidding documents **IB.13 "Bid Security"**
4. We undertake, if we qualify and our Bid is accepted, to commence the whole Works comprised in the Contract within stipulated time for completion as mentioned in the bidding documents.
5. We agree to abide by this Bid for the period of **180** days from the date fixed for opening the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
7. We undertake, if our Bid is accepted, to provide the Performance Security referred to in Conditions of Contract for the due performance of the Contract.
8. We understand that you are not bound to accept the most advantageous bid or any bid you may receive.
9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.
10. We do hereby declare that all the terms & conditions mentioned in the Bidding Documents are acceptable to us and we have no objection about any clause/sub-clause of the Conditions of Contract and other parts of the Bidding Documents.

Dated this _____ day of _____, 2022

Signature _____ in the capacity of _____ duly authorized to sign bid for and on behalf of the
(name of Bidder)

(Name of Bidder in Block Capitals)

(Seal)

Address

Witness:

(Signature) _____

Name: _____

Address: _____



(Bidding Documents, Section-1, Part-4)

SCHEDULES TO BID INCLUDE THE FOLLOWING

1. Schedule A to Bid: Schedule of Prices
2. Schedule B to Bid: Qualification Information and Bid Evaluation Criteria
3. Schedule C to Bid: Specific Works Data
4. Schedule D to Bid: Works to be Performed by Subcontractors
5. Schedule E to Bid: Proposed Methodology/ Work Program of the Bidder
6. Schedule F: to Bid Integrity Pact



SCHEDULE OF PRICES
(Financial Bid)

----- REFER TO VOLUME-II OF THE BIDDING DOCUMENTS -----



SCHEDULE-B TO BID

TECHNICAL BID EVALUATION CRITERIA**1. Qualification Criteria****1.1. General**

Post-qualification will be based on all the criteria given in succeeding para 1.2. Employer reserves the right to waive minor deviations, if these don't materially affect the capability of an applicant to perform the contract. Joint Venture or consortium is not allowed.

The Employer reserves the right to seek further information and / or verify the information furnished by the applicants. The Employer may reject any application for any misrepresentation knowingly made by any applicant in, or pursuant to, their application or for any statement furnished in connection therewith, and intended to be relied upon by the Employer, which is incorrect in any respect.

1.2. Parameters of Bid Evaluation & Qualification

S. No.	Category	Document/Evidence Required
1.	Bid is unconditional. Conditional, alternate or optional bids will be rejected.	Duly filled and signed Form of Bid
2.	Duly filled and signed Form of Bid.	Bid is unconditional
3.	Bid Security is required as per clause IB-13. Bid Security in Original is to be attached with Technical Proposal.	Bid security original
4.	i. Name of Company ii. Company Legal Status: (Tick Anyone and provide relevant documents) 1. In case of Individual / Sole Proprietor a) Copy of CNIC, b) Affidavit that firm is individual / Sole proprietor 2. In case of Associated of Persons (AOP) a) Partnership Deed, b) No. of Partners along CNIC 3. In case of (Pvt.) limited a) Copy of Article of Association / Memorandum b) Form 29, Form A and Nos of Directors iii. Contact details, a) Telephone, Mobile No. , Fax numbers(if any), email address (if any)Postal Address	Evidence of registration of company/firm
5.	Affidavit on non-judicial stamp paper for not being blacklisted, declared in-eligible or debarred by any organization/ department for corrupt or fraudulent practices, or no failure to perform with SBP BSC in past. If the Bidder has worked with SBP BSC on any project, the Bidder shall provide satisfactory completion certificate issued from the SBP BSC.	Affidavit on non-judicial stamp paper.
6.	Bidder shall be held non-responsive if Bidder's name is found in Schedule-IV (https://nacta.gov.pk/proscribed-persons-2/) and list of organizations / Splinter Outfits https://nacta.gov.pk/proscribed-organizations/ notified by National Counter Terrorism Authority NACTA Pakistan.	Online verification from NACTA website
7.	Registration with income tax department and Bidder must be active tax payer as per Federal Board of Revenue (FBR's) revenue Data base i-e Active Tax Payer List.	Valid Registration Certificate and Bidder name appearing in online active taxpayer list
8.	Bidder should also be registered with relevant / concerned Revenue Authority.	Valid Registration Certificate. If not provided/registered, then 100% tax shall be deducted at source as per applicable law and credited to relevant account.



9.	Available Financial Capability/ Liquid Assets of Rs.400,000/- Bank statement produced between date of publication of tender notice and bid submission date be submitted as evidence showing required balance at any one instant in the statement of last three months or Bank Credit Line facility available during same period	Bank Statement of three months
10.	Bidder must have executed of at least 02 jobs of Cooling Tower/ Air-Handling Unit/ Evaporator Coils/ Absorption or Vapor Compression Based Chillers/ Overhauling/ Supply of Parts for Air-Handling Unit/ HVAC Works of reputed/multinational organizations during last 05 years each work must be of value Rs.1,000,000/- or more.	Work orders/ Completion certificates/ contract agreements etc.
11.	Acceptance of the Proposed Work Program as given in Schedule-E to Bid or submission of Work Program proposed by the bidder with overall project duration as mentioned in the contract data.	
12.	The bidder shall submit Manual/ booklet(s)/ Technical Specification Sheet(s) duly stamped and signed by the bidder along with the bid complying with technical specification/ requirements mentioned in the bidding documents	



SPECIFIC WORKS DATA

1. Location of Site:

“State Bank of Pakistan, Main Bank Building, I.I Chundrigar Road, Karachi”



SCHEDULE-D TO BID

WORKS TO BE PERFORMED BY SUBCONTRACTORS

..... Sub-Contracting Not Allowed



SCHEDULE - E TO BID

Proposed Methodology/ Work Program

Bidder shall provide a program in a bar-chart showing the sequence of work items by which he proposes to complete the Works of the entire Contract. The program should indicate the sequence of work items and the period of time during which he proposes to complete the Works including the activities like designing, schedule of submittal of drawings, ordering and procurement of materials, manufacturing, delivering, construction of civil works, erection, testing and commissioning of Works to be supplied under the Contract. The proposed sequence of execution of various sections of the project shall be according to the given Key Performance Indicators (KPIs) as following;

Sr. No.	Description of Activity	Total Days	Start Date	Finish Date	Execution Schedule			
					0-20	21-40	41-60	61-75
1.	Supply at PVC fills	30			██████████			
2.	Dismantling & Repair of Cooling Tower	10				██████		
3.	Metal Works	20					██████████	
4.	Testing, Commissioning & Startup of CTs	10						██████
5.	Punch List Items	5						██████

The above Key Performance Indicators should be taken into consideration by the bidder in order to execute the works.

Signatures:

Stamp:

If the above KPI is not acceptable to any bidder, the bidder will prepare its own Work Program along with detailed justification for its change. Bids without above given Work Program or bidder's own proposed Work Program without justification shall not be considered responsive.



SCHEDULE - F TO BID

(INTEGRITY PACT)

(On non-judicial stamp paper worth Rupees 100)

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

Contract No. _____

Dated:- _____

Contract Value: _____

Contract Title: _____

_____(name of Bidder) _____ hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from State Bank of Pakistan -BSC(SBP-BSC) or State Bank of Pakistan and its Subsidiaries through any corrupt business practice.

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

_____(name of Bidder) _____ certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with SBP-BSC and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

_____(name of Bidder) _____ accepts full responsibilities 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 SBP-BSC under any law, contract or other instrument, be void ab initio at the option of the SBP-BSC.

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

Name of Buyer: _____(SBP-BSC) _____

Signature: _____

(Seal)

Name of Supplier/Bidder: _____

Signature: _____

(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 Employer'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 Employer's drawings of the Works as attached herewith, and any Variation to such drawings.

Persons

- 1.1.4 "Employer" 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 Letter of Acceptance and the legal successors in title to this person, but not (except with the consent of the Employer) any assignee.
- 1.1.6 "Party" means either the Employer or the Contractor.

Dates, Times and Periods

- 1.1.7 "Commencement Date" means the date within fourteen (14) days after the date the Contract comes into effect or any other date named in the Letter of Award.
- 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

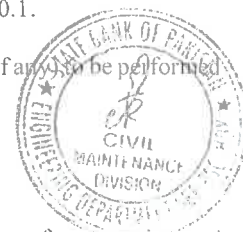
- 1.1.10 "Cost" means all expenditure properly incurred (or to be incurred) by the Contractor, whether on or off the Site, including overheads and similar charges but does not include any allowance for profit.

Other Definitions

- 1.1.11 "Contractor's Equipment" 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 "Country" means the Islamic Republic of Pakistan.
- 1.1.13 "Employer's Risks" means those matters listed in Sub-Clause 6.1.
- 1.1.14 "Force Majeure" 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 "Materials" means things of all kinds (other than Plant) to be supplied and incorporated in the Works by the Contractor.
- 1.1.16 "Plant" means the machinery and apparatus intended to form or forming part of the Works.
- 1.1.17 "Site" means the places provided by the Employer where the Works are to be executed, and any other places specified in the Contract as forming part of the Site.
- 1.1.18 "Variation" means a change which is instructed by the Engineer/Employer under Sub-Clause 10.1.
- 1.1.19 "Works" 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 "Engineer" means the Engineer in-charge to be nominated in Letter of Acceptance.
- 1.1.21 Letter of Acceptance means the formal acceptance of the Bid by the Employer
- 1.1.22 Contract Price means the sum stated in the Letter of Acceptance as payable to the Contractor for execution and completion of the Works.

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.

1.5 **Communications**

All Communications related to the Contract shall be in English/ Urdu language. A notice shall be effective only when it is delivered to the concerned party.

1.6 **Statutory Obligations**

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

2. **THE EMPLOYER**

2.1 **Provision of Site**

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

2.2 **Permits etc.**

The Employer shall, if required under law/ rules and requested by the Contractor, shall cooperate with the Contractor in applying and obtaining permits, licences or approvals etc. in context of the Contract.

2.3 **Engineer's/Employer's Instructions**

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

2.4 **Approvals**

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

3. **ENGINEER'S/EMPLOYER'S REPRESENTATIVES**

The Employer shall appoint a duly authorized person (The Engineer In-charge), to act for him and on his behalf for the purpose of this Contract. This authorised person shall be fully authorised with respect to the Works except the authority to approve the variations, issuance of suspension and termination notices and sanctioning of the payments to be made to the Contractor under the Contract.

4. **THE CONTRACTOR**

4.1 **General Obligations**

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

4.2 **Contractor's Representative**

The Contractor shall appoint a qualified 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 Employer for such appointment which consent shall not be unreasonable withheld by the Employer. 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 Employer as aforesaid.

4.3 **Subcontracting**

The Contractor shall not subcontract the whole of the Works. The Contractor shall not subcontract any part of the Works without the consent of the Employer.

4.4 **Performance Security**

The Contractor shall furnish to the Employer within fourteen (14) days after receipt of Letter of Acceptance a Performance Security at the option of the bidder, in the form of Bank Draft or Bank Guarantee or an insurance company having at least AA rating from PACRA/JCR for the amount and validity specified in Contract Data.

4.5 **Contractor's Equipment**

The Contractor shall have to bring at site of works and maintain the minimum construction equipment required for execution of works at site. Proper record of all such equipment shall be maintained by the Contractor and made available to the Employer as and when asked to do so. Prior approval of the Employer will be required for demobilization/shifting of any tool and plant from the site of works under this Contract.



4.6 Employer's Approvals

Contractor shall get approval of all the materials, fixtures and method statements well before the time from the Employer. The absence of supervisory staff or approvals or consent or comments from the Employer shall not affect the Contractor's obligations under the Contract.

4.7 Observance of Law

Contractor shall strictly follow the applicable labour laws, industrial relations acts, standing orders, ordinances, social security acts, employees' old age benefits acts; workmen's compensation acts etc. in their letter and spirit and indemnify the Employer against any claim, compensation or penalty in this regard. This is an independent contract and no employment relation exists between the contractor and the Employer.

5. Employer's Rights

Without prejudice to any other rights under the Contract and / or applicable law, Employer shall have following rights:

- i. The Employer reserves the right to change the scope of works during the executions of the Works; quantities of certain item(s) can be increased, decreased or absolutely deleted or substituted with some alternative item for which new rates shall be decided as per Clause-10.2.
- ii. The Employer reserves the right to reject a part or whole of the Works and hold any amount claimed by the Contractor against the items or Works for which, the prior approval of the samples was required by the Employer but was not obtained by the Contractor.
- iii. The Employer reserves the right to recover any amount from the payable amounts to the Contractor against any losses or damages incurred to the property, data, or persons of the Employer due to the Contractor or his workers negligence.
- iv. The Employer reserves the right to expel out any employee of the Contractor if found involved in a crime or illegal or unethical activities within or outside the Site.

The Contractor agrees that he shall have no right to claim any direct and / or indirect losses resultant of the above acts by the Employer.

6. EMPLOYER'S RISKS

6.1 The Employer's Risks

The Employer's Risks are:-

- a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies, within the Country;
- b) rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war, within the Country;
- c) riot, commotion or disorder by persons other than the Contractor's personnel and other employees including the personnel and employees of Sub-Contractors, affecting the Site and/or the Works;
- d) ionising radiations, or contamination by radio-activity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radio-active toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear component of such an assembly, except to the extent to which the Contractor/Sub-Contractors may be responsible for the use of any radio-active material;
- e) Pressure waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds;
- f) use or occupation by the Employer 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 Employer's personnel or by others for whom the Employer is responsible;
- h) a suspension under Sub-Clause 2.3 unless it is attributable to the Contractor's failure; and
- i) physical obstructions or physical conditions other than climatic conditions, encountered on the Site during the performance of the Works, for which the Contractor immediately notified to the Employer and accepted by the Employer.

7. TIME FOR COMPLETION

7.1 Execution of the Works

The Contractor shall commence the Works on the Commencement Date as specified in the work order issued by the Employer and shall proceed expeditiously and without delay and shall complete the works within the time stipulated Contract Data observing all the time lines/target dates provided in the approved Work Program.

7.2 Work Program

The Contractor will have to prepare work program on the basis of Key Performance Indicators (KPIs) given in the Schedule-E to Bid or will submit work program its own assumption along with detailed justifications. Once the proposed Work Program has been approved by the Employer, it will have to be followed in letter & spirit.



Failure to perform according to the approved Work Program shall be considered as the Contractor's default and Employer reserves the right to invoke all or any remedy available in clause 12.

7.3 Extension of Time

The Contractor shall, within such time as may be reasonable under the circumstances, notify the Employer of any event(s) falling within the scope of Employer's Risks, or Early Warnings, or adverse ground conditions, force majeure not leading to Contract termination, or any instruction of the Employer to slow down the progress of works or change in the scope of Works by the Employer requiring additional time for completion of the Works as per the revised scope of Works, may request the Employer to extend the Completion Time reasonably. The Contractor must have to provide complete record of the circumstances on account of which extension of time is being applied along with an up-dated program/schedule in bar chart form for completion of the balance works. The Employer may evaluate the request lodged by the Contractor and extend the Completion Time. The decision of the Director/Head Engineering will be final & binding upon the Contractor.

It is being understood and agreed by the Contractor that the sole remedy for delay shall be extension in the time for performance of the Contractor's work, which extension shall not be subject to any valuation.

7.4 Late Completion

If the Contractor fails to complete the Works within the Time for Completion, the Employer without prejudice to any other rights under the Contract and / or applicable law shall deduct liquidated damages at rate as mentioned in the Contract Data.

8. TAKING-OVER

8.1 Completion

The Contractor shall notify to the Employer along with As-built Drawings and Inventory List to issue the Provisional Completion Certificate and take over the Works when he considers that the Works are completed.

8.2 Taking-Over Notice

Within 15 days after receipt of notice, the Employer shall issue a Provisional Completion Certificate to the Contractor and take over the Works if the Works are substantially complete as per the Contract and to the entire satisfaction of the Employer.

If the Works are not completed to the entire satisfaction of the Employer, the Employer will issue a detailed account of the balance or defective works to the Contractor within fifteen (15) days after receipt of notice from the Contractor to take over the whole or a part of the Works. In case of minor defects/ outstanding Works, the Employer at its sole discretion, may take over the Works and issue the Provisional Completion Certificate after obtaining a written undertaking from the Contractor to rectify the punch list items/ outstanding Works during the Defects Liability period.

9. REMEDYING DEFECTS

9.1 Remedying Defects

The Contractor shall for a period stated in the Contract Data from the date of issue of the Provisional Completion Certificate carry out, at no cost to the Employer, 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 Employer/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 Employer/Engineer shall issue a Final Completion Certificate

Failure to remedy any such defects or complete outstanding work within a reasonable time shall entitle the Employer to carry out all necessary works at the Contractor's cost.

9.2 Uncovering and Testing

The Contractor shall give not less than five days' notice in writing to the Engineer-in-charge of work before covering up or otherwise placing beyond the reach of measurement any work in order that same may be measured, and correct dimensions thereof be taken before same is covered or placed beyond the reach of measurement.

The Engineer-in-Charge shall check the Contractor's Work and notify the Contractor of any Defects if found. Such checking shall not affect the Contractor's responsibilities. The Employer may instruct the Contractor to search for a defect and to uncover/ or testing any work that he considers may have a Defect

9.3 Failure to remedying Defects

Failure to remedy any defect(s) or complete the outstanding Works except the defects not attributable to the Contractor, to the entire satisfaction of the Employer within a notified time shall entitle the Employer to extend the defect liability period and / or carry out all necessary works at the Contractor's risk to cost in accordance with clause 12.

10. VARIATIONS AND CLAIMS

10.1 Right to Vary



The Employer/Engineer may issue Variation Order(s) in writing. Where for any reason it has not been possible for the Employer/Engineer to issue such Variations Order(s), the Contractor may confirm any verbal orders given by the Employer/Engineer in writing and if the same are not refuted/denied by the Employer/Engineer within seven (7) days of the receipt of such confirmation the same shall be deemed to be a Variation Orders for the purposes of this Sub-Clause.

10.2 Valuation of Variations

Variations shall be valued as follows:

- a) at a lump sum price agreed between the Parties, or
- b) where appropriate, at rates in the Contract, or
- c) rates notified by the Government Departments/agencies, or
- d) in the absence of appropriate rates, the rates in the Contract shall be used as the basis for valuation, or failing which
- e) at appropriate new rates, as may be agreed or which the Engineer/Employer considers appropriate,

or

Contractor's profit & overheads shall be up to 15% of the cost of labour & materials, cartage, etc. Taxes shall be considered as per actual rate while analyzing rates for any extra items. For valuation of variations and approval of rates for non-BOQ/extra items, the decision of the Director Engineering will be final & binding upon the parties.

10.3 Early Warning

The Contractor shall notify the Engineer/Employer in writing as soon as he is aware of any circumstance which may delay or disrupt the Works, or which may give rise for Extension in time.

To the extent of the Contractor's failure to notify, which results to the Engineer/Employer being unable to keep all relevant records or not taking steps to minimize any delay, disruption, the Contractor's entitlement to extension of the Time for Completion may be reduced/rejected.

10.4 Variation Procedure

The Contractor shall submit to the Engineer/Employer an itemized make-up of the value of variations within twenty eight (28) days of the instruction. The Engineer/Employer shall check and if possible agree the value. In the absence of agreement, the Employer shall determine the value.

11. CONTRACT PRICE AND PAYMENT

11.1 (a) Terms of Payments

The Employer shall verify these bills and payments shall be released to the Contractor within **thirty (30)** days after joint verification of the bill by the Employer & the Contractor and after deduction of retention money, applicable taxes or any such other sum determined by the Employer.

(b) Imbalanced Bid

In case of imbalanced bid (abnormally high/low rates than market/ Employer's Engineer's estimate) duly justified by the contractor, the payments against such running bills will be made by the employer up to 80% of the running bill after required deductions. The remaining amount will be settled at the time of final settlement upon completion of work to the satisfaction of the Employer.

11.2 Submission of Statements of Work Done/ Interim Bills

The Contractor shall submit the bills only after the payment against last or previously submitted bills has been made by the Employer.

11.3 Interim Payments

Within a period not exceeding seven (7) 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) days from the said date of submission by the Contractor, the Employer shall pay to the Contractor the sum verified by the Engineer less retention money at the rate stated in the Contract Data and all applicable taxes and duties.

11.4 Retention Money

Retention money shall be paid by the Employer to the Contractor after the expiry of defect liability period, the remedying of notified defects and the completion of outstanding work, all as referred to in Sub-Clause 9.1.

If the Contractor fails to complete the Works and rectification of any defects as per the entire satisfaction of the Employer under Clause-09, this Retention Money and Performance Security will be withheld by the Employer and it shall be released after adjustment of any claims against the Contractor or cost of any defects corrected through other sources or Contractors at the risk to cost of the Contractor.

11.5 Final Payment



Upon issuance of Final Completion Certificate, the payments pertaining to the Works completed during Defects Liability Period and / or money as Retention Money shall be released as per sub-Clause-11.4 and the accounts for the contract shall be closed. The Employer shall release payments within sixty (60) days.

11.6 Currency

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

11.7 Mobilization Advance

If requested by the Contractor, an interest-free Mobilization Advance up to 15 % of the Contract Price stated in the Letter of Acceptance shall be paid by the Employer to the Contractor in two equal parts upon submission by the Contractor of a Mobilization Advance Guarantee for the full amount of the Advance in the specified form from a Scheduled Bank in Pakistan subject to approval of Director/Head Engineering Payments shall be made as per the following criteria;

- a) First part of the Mobilization Advance within twenty (20) days after verification of the approved/ legible Bank Guarantee from the issuing bank.
- b) Second part of the mobilization advance on arrival of required tools & plants and commencement of Works at site to the entire satisfaction of the Employer.

Mobilization Advance paid to the Contractor shall be recovered from the interim bills of the Contractor @ 15% of total amount of work done at site for the bill being processed till the time that whole of the amount of Mobilization Advance has been recovered.

11.8 Secured Advance

The Employer at his sole discretion may provide to Contractor Secured Advance against an indemnity bond acceptable to the Employer of such sum as the Engineer in charge may consider proper in respect of non-perishable materials brought at the Site but not yet incorporated in the permanent Works subject to approval of Director/Head of Engineering, provided that:

- (a) The materials are in accordance with the Specifications for the permanent works;
- (b) Such materials have been delivered to the Site and are properly stored and protected against loss or damage or deterioration to the satisfaction of the Engineer in charge but at the risk to cost of the Contractor;
- (c) The Contractor's records of the requirements, orders, receipts and use of materials are kept in a form approved by the Engineer in charge, and such records shall be available for inspection by the Engineer in charge;
- (d) 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 in charge for the purpose of valuation of materials and providing evidence of ownership and payment therefore;
- (e) Ownership of such materials shall be deemed to vest in the Employer and these materials shall not be removed from the Site or otherwise disposed of without written permission of the Employer.
- (f) 60% of the purchase price of the item/material or 50% of tender price of the item/material whichever is lesser, after measuring the quantity & verification of the quality of materials at site by the Employer may be paid

The amount of Secured Advance against any item(s)/materials shall be recovered from the next three (03) bill of the Contractor in the form of three equal installments. The Employer reserves the right to recover all outstanding amount of the Secured Advance from very 1st bill of the Contractor submitted after release of the Secured Advance.

11.9 Changes in Taxes and Duties

If, after the date of submission of Bids, there occur changes in the taxes and duties which cause additional or reduced cost to the Contractor in the execution of the Contract, such additional or reduced cost shall be added to or deducted from the Contract Price accordingly. Decision of the Director/Head Engineering will be final & conclusive in this regard.

11.10 Price Adjustment

Prices quoted by the Contractor shall remain fixed; no Price Adjustment shall be made for any variation in the market prices.

12. DEFAULT

12.1 Default, Termination of the Contract and Compensation to the Employer

(a) Default by the Contractor:

If the Contractor abandons the Works, delays abnormally, or misses the target dates mentioned in the approved Work Program or refuses or fails to comply with a valid instruction of the Employer, or if Contractor materially or consistently breaches the Contract, the Employer may give a notice under this sub-clause stating the default. If the Contractor has not taken practicable steps to remedy the default or cover up the backlog within fifteen (15) days after receipt of the Employer's notice, the Employer may by serving a second notice within twenty five (25) days, terminate the Contract asking the Contractor to demobilize from the Site leaving behind the



Equipment required for completion of the outstanding Works at risk & cost of the Contractor or the Employer may deploy extra resources to cover up the backlog at the risk & cost of the Contractor. The decision of the Director/Head Engineering will be final and conclusive in this regard.

(b) Default by the Employer:

If the Employer fails to pay in accordance with the Contract, or is, despite a written complaint, in breach of the Contract, the Contractor may give a notice under this sub-clause stating the default. If default is not remedied within fifteen (15) days by the Employer after receipt of the notice, the Contractor may suspend execution of all parts of the Works. If the default is not remedied within thirty (30) days after receipt of first notice, the Contractor may serve a second notice within thirty (30) days and terminate the Contract and demobilize from the Site.

(c) Employer's sole discretion:

The Employer shall be entitled to terminate the Contract, at any time for the Employer's convenience, by giving notice of such termination to the Contractor. The termination shall take effect within 15 days after the Contractor receives the notice.

(d) Insolvency:

If either part is declared (or is likely to be declared) insolvent under any applicable law, the other party may terminate the Contract by serving a notice immediately. The Contractor shall demobilize from the Site leaving behind the equipment required for completion of the outstanding Works in case of Contractor's insolvency.

(e) Criminal/ Offensive act by the Contractor or his employees:

If the Contractor or any of his employees commits a serious crime within the premises of the Employer which can result in police action under Penal Code Act of Pakistan, the Employer may terminate the Contract by serving a notice to the Contractor and the Contractor shall demobilize from the Site leaving behind the equipment required for completion of the outstanding Works at the risk & cost of the Contractor.

(f) Actions in case of failure of the Contractor:

If the Contractor fails to complete the Works even when the amount of Liquidated Damages has reached to the maximum fixed limit or the Contractor abandons or suspends the Works, or commits breach of the terms & conditions of the Contract, the Contractor or any of his employees commits a serious crime within the premises of the Employer which can result in police action under Penal Code Act of Pakistan or in any case in which the contractor shall have rendered himself liable to pay compensation/liquidated damages, the Director/Head Engineering whose decision shall be final & conclusive, without prejudice to any other right or remedies, shall have power to adopt all or any of the following courses as he may deem best suited to the interest of the Employer;

- i. To rescind the Contract (of which the rescission notice in writing to the Contractor under the hand of Director/Head Engineering shall be conclusive evidence) and in which case the retention money and Performance Security of the Contractor shall be forfeited and be absolutely at the disposal of the Bank;
- ii. To employ labour paid by the Employer and to supply materials to carry out the Works or any part of the Works, debiting the Contractor with the cost of all labour and the price of the materials (of the amount of which cost and price a certificate of the Director/Head Engineering shall be final & conclusive against the Contractor) and crediting him with the value of the work done in all respects in the same manner and at the same rates as if it had been carried out by the Contractor under the terms of this Contract; the certificate of the Director/Head Engineering as to the value of the work done shall be final and conclusive against the Contractor;
- iii. To measure up the works of the Contractor and to take such part thereof as shall be as shall be un-executed out of his hands and give it to another contractor to complete, in which case any expenses which may be incurred in excess of the sum which would have been paid to the original Contractor, if the whole had been executed by him (of the amount of which excess the certificate in writing of the Director/Head Engineering shall be final and conclusive) shall be borne and paid by the original Contractor and may be deducted from any money due to him by the Bank under the Contract or otherwise, or from his retention money or the proceeds of sale thereof or sufficient part thereof;
- iv. If any of the above courses being adopted by the Director/Head Engineering, the Contractor shall have no claim to compensation for any loss sustained by him by reasons or his having purchased or procured any materials, or entered in to any engagements or made any advances on account of, or with a view to the execution of the works or the performance of the Contract. And in case the Contract shall be rescinded under the provisions aforesaid, the Contractor shall not be entitled to recover or be paid any sum for any works theretofore actually performed under this Contract unless and until the Director/Head Engineering will have certified in writing the performance of such works and the value payable in respect thereof and he shall be only be entitled to be paid the value so certified.
- v. In case of Contractor's failure to perform in line with the agreed terms & conditions laid down in the contract, the Employer may blacklist the Contractor for future opportunities at the Employer as per clause 18.2 and decision of the Director/Head Engineering will be final & conclusive. As per Public Procurement Rule-19, the Contractor will be accorded adequate opportunity of being heard.

(g) Payments upon Termination

For Contractor



In case of termination by the Employer, the Contractor shall be entitled to payment of the unpaid balance of the value of the Works executed only after adjustment of any sums to which the Contractor is entitled and any sums to which the Employer is entitled including recovery of all recoverable advance payments. No payment shall be made against the leftover materials, machinery, plants etc. brought by the Contractor and against his demobilization. If the total amount already released by the Employer exceeds any payment due to the Contractor, the difference shall be recovered from the balance payable amounts or the Retention Money along with the performance Security.

13. Warranty

- 13.1 The Contractor warrants that the goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Contractor further warrants that all goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Procuring agency's specifications) or from any act or omission of the Contractor, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.
- 13.2 If the Contractor, having been notified, fails to remedy the defect(s) within a reasonable period, the Employer may proceed to take such remedial action as may be necessary, at the Contractor's risk and expense and without prejudice to any other rights which the Employer may have against the Contractor under the Contract.

14. RISKS AND RESPONSIBILITIES

14.1 Contractor's Care of the Works

From the Commencement Date until the completion of Works and issuance of Completion Certificate or Termination by the Employer, the risks of loss or damage to Works, personal injury, death, and loss of or damage to property of the Employer due to the negligence of the Contractor, his employees, associates, sub-contractor, assigns etc. all such risks are Contractor's risks. The Contractor shall have to make good all damages/losses to the Employer after receiving written notice from the Employer.

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

14.2 Force Majeure

If the Contract is frustrated by a force majeure, like the outbreak of war, civil commotion, and insurrection or by any other event entirely outside the control of either the Employer or the Contractor, the Employer shall certify that the Contract has been frustrated and is being terminated. If an event of force majeure continues for a period of sixty (60) days, the Contractor can also give a notice of termination. The Contractor shall stop work as quickly as possible after receiving contract frustration certificate from the Employer and shall be paid for all work carried out or services rendered before the frustration/ termination of the Contract and for any work carried out afterwards to which a commitment was made including the cost of materials and plants reasonably delivered to the Site, after adjustment of any sums to which the Contractor is entitled as per the Contract, and cost of his demobilization after recovery of all recoverable advance payments made by the Employer or the sums to which the Employer is entitled. If the reason ceases to exist, the Parties can recommence the performance of the Contract under the original terms & conditions if mutually agreed.

15. INSURANCE

- 15.1 The Contractor shall on joint name of employer and Contractor procure a contractor's all risks of physical loss or damage insurance policy, covering all risk to Works, third party, and all risks of physical loss to labour or damage caused to the Contractor's plants, equipment, materials and any other asset(s) belonging to the Contractor.

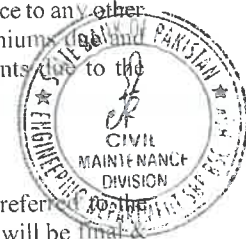
Insurance Policy shall cover the damages to the structure, stores if supplied by the Employer caused by fire, including lightening, riots, strikes, storm, cyclones, flood, earthquake, theft, etc.

15.2 Default

If the Contractor fails to effect or keep in force any of the insurances referred to in the previous Sub-Clause, or fails to provide satisfactory evidence, policies or receipts, the Employer 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 to the Contractor. The Contractor shall recover the same plus a sum in percentage given in Contractor Data from any other amounts due to the Contractor.

16. RESOLUTION OF DISPUTES

- 16.1 If any dispute arises between the parties (Contractor & the Employer), the matter shall be referred to the Director/Head Engineering who will examine the matter in detail and give the decision which will be final & binding upon the parties.
- 16.2 In case the Contractor believes that the decision of the Director/Head Engineering was not in line with the Contract or it is prejudiced, and he does not accept the same, he may give a notice of dissatisfaction under this



sub-clause within 15 days of the decision of the Director/Head Engineering. If no notice is given within this time, the decision of Director/Head Engineering shall be final and binding upon the Parties.

- 16.3 In case a dissatisfaction notice is given by the Contractor, the matter may be referred to a neutral Adjudicator appointed after mutual agreement within 15 days after the notice of dissatisfaction. Failing to agree upon Adjudicator name within the specified time will result in finality of the Director/Head Engineering's decision which will become binding upon the parties.
- 16.4 If required under any circumstances, the matter may be referred to arbitration under the Arbitration Act 1940 (Act No. X of 1940) and rules made there under and any statutory modifications thereto. Arbitration Proceedings shall be held at the place mentioned in the Contract Data.

17 INTEGRITY PACT

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 Employer shall be entitled to:

- (a) recover from the Contractor an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by the Contractor or any of his Sub-Contractors, agents or servants;
- (b) Terminate the Contract; and
- (c) Recover from the Contractor any loss or damage to the Employer as a result of such termination or of any other corrupt business practices of the Contractor or any of his 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 Employer instructs, in the termination notice, to be used for the completion of the Works at the risk and cost of the Contractor.

18. CODE OF CONDUCT

- 18.1 It is the Employer's policy to Contractors observes the highest standards of ethics during the procurement and execution of such contracts. In pursuit of this policy, the Employer follows, inter alia, the instructions contained in PPR-2004 which defines:

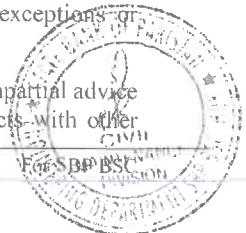
"corrupt and fraudulent practices" includes the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official or the supplier or Firm/Company in the procurement process or in contract execution to the detriment of the procuring agencies; or misrepresentation of facts in order to influence a procurement process or the execution of a contract, collusive practices among Consultant/ Service Providers (prior to or after Proposal submission) designed to establish bid Prices at artificial, non-competitive levels and to deprive the procuring agencies of the benefits of free and open competition and any request for, or solicitation of anything of value by any public official in the course of the exercise of his duty;"

- 18.2 Under Rule-19 of PPR-2004, "The Employer can inter alia blacklist bidders found to be indulging in corrupt or fraudulent practices. Such barring action will be duly publicized and communicated to the PPRA. Such matters would be referred to the Blacklisting Committee that is empowered to take action accordingly:

NATURE OF OFFENSE/ FAULT	MEANS OF VERIFICATION
Corruption	Actual instance verifiable as per law of land and applicable rules and regulations of SBP
Deviation from commitment	If the bidder deviates from its prior commitment or declaration made regarding the bid or proposal submitted by the bidder.
Fraud	Cross verification of documentary undertakings submitted by Contractor/ Bidder/Consultant/Supplier
Collusion	Results of Bid/Proposal analysis resulting in substantive evidence of collusion
Performance Deficiencies	Documented evidence in form of performance deficiencies not suitably responded or defended by Contractor/ Bidder/ Supplier /Consultant

However such barring action shall be undertaken only after Contractor who is to be barred and blacklisted shall be accorded adequate opportunity of being heard. Decision of Blacklisting Committee of SBP BSC will be final and conclusive.

- 18.3 The receipt for any money paid by the bidders will not be considered as any acknowledgement of payment to the Contractor unless such receipt is signed by a duly authorized officer of the Employer and Contractor shall be solely responsible for seeing that a proper receipt is provided.
- 18.4 Attention of bidders is drawn to Rule-32 of PPR-2004 whereby they are required to identify any discriminatory and difficult conditions, introduced by Employer which discriminates between bidders or that is considered to be met with difficulty. In ascertaining the discriminatory or difficult nature of any condition reference shall be made to the ordinary practices of that trade, manufacturing, construction business or service to which that particular procurement is related. However in certain conditions Employer may describe exceptions or preferences consistent with Rule-4 of PPR-2004.
- 18.5 Employer's policy requires that selected Contractor shall provide professional, objective, and impartial advice and services and at all times hold the Employer's interests paramount, strictly avoid conflicts with other



assignments or their own corporate interests and act without any consideration for future work. Bidders have an obligation to disclose any situation of actual or potential conflict that impacts their capacity to serve the best interest of the Bank, or that may reasonably be perceived as having this effect. Failure to disclose said situations may lead to the disqualification of the bidder and termination of contract arising out of this procurement

18.6 Without limitation on the generality of the foregoing, Contractors and any of their affiliates, shall be considered to have a conflict of interest and shall not be recruited, under any of the circumstances set forth below:

- a) A Contractor that has been engaged by the Employer to provide goods, works or services other than consulting services for a project, and any of its affiliates, shall be disqualified from providing consulting services related to those goods, works or services. Conversely, Contractor hired to provide consulting services for the preparation or implementation of a project, and any of its affiliates, shall be disqualified from subsequently providing goods or works or services other than consulting services resulting from or directly related to the firm's consulting services for such preparation or implementation.
- b) A Contractor (including its Personnel and Sub-Contractor(s) or any of its affiliates shall not be hired for any assignment that, by its nature, may be in conflict with another assignment of the Contractor to be executed for the same or for another client.
- c) A Contractor (including its Personnel and Sub-Contractor(s) that has a business or family relationship with a member of the Bank's staff who is directly or indirectly involved in any part of (i) the preparation of the specifications of the goods, (ii) the selection process for such assignment, or (iii) supervision of the Contract, may not be awarded a Contract, unless the conflict stemming from this relationship has been resolved in a manner acceptable to the appropriate authority of the Employer.
- d) Bidders shall not recruit or hire any agency or current employees of the Bank. Recruiting former employees of the Employer or other civil servants to work for the bidders is acceptable provided no conflict of interest exists. When the Contractor nominates any government employee as Personnel in their bid, such Personnel must have written certification from their government or employer confirming that they are on leave without pay from their official position and allowed to work full-time outside of their previous official position. Such certification shall be provided to the Employer by the Contractor as part of bid.

19. OVERRIDING EFFECT OF PPR-2004

Whenever in conflict with these documents the stipulations of PPR-2004 (Public Procurement Rules-2004) shall prevail.

20. SPECIFICATION EPILOGUES

- a. The Work(s) contemplated under the Contract, shall be constructed, completed and guaranteed, strictly conforming to and in accordance with the stipulated specifications for execution of such works, providing of materials/services and etc. as provided in the Contract Documents and or as directed by the Employer.
- b. In the event of missing / non-availability of particular specification (s) applicable to or to govern the execution of such item(s) of works/ contract hereof, having no effect or bearing upon the rate/price or valuation of the contract, all material, fabrication, execution and testing thereof shall conform to the applicable standards, codes/specifications contained in the following list to equivalent applicable standard and specifications established and/or as approved in the country of manufacture or supply:

ASTM	American Society of Testing Materials
AASHTO	American Association of State Highway and Transportation Officials
AWWA	American Water Works Association
ASME	American Society of Mechanical Engineers
AISC	American Institute of Steel Construction
ASA	American Standards Association
AWS	American Welding Society
BSS	British Standard Specifications & Materials)
PSI	Pakistan Standards Institute

- c. All quality control and related tests (if required) shall be carried out in accordance with applicable standards and codes. The cost in this regard shall be borne by the Contractor.

21. SILENCE OF SPECIFICATIONS

The apparent silence of the specifications, plans, or other contract documents as to any detail or the apparent omission from them of a detailed description concerning any point, shall be regarded as meaning that only the best generally accepted practice is to be used. All interpretations of the specifications will be made by the Engineer on this

22. REMOVAL OF UNACCEPTABLE AND UNAUTHORIZED WORK



All work which, as determined by the Engineer or Engineer in-charge, does not conform to the requirements of the Contract and results in an inferior or unsatisfactory product, will be considered unacceptable. Unacceptable Work, whether the result of poor workmanship, use of defective materials, damage through carelessness or any other cause, found to exist prior to the final acceptance of the Work, shall be removed or replaced at the Contractor's expense.

No work shall be done without lines and grades having been approved by the Engineer. Work done contrary to the instructions of the Engineer, Work done beyond the lines shown on the plans, or as given, except as herein specified, or any extra work done without authority, will be considered as unauthorized and will not be paid for under the provisions of the Contract. Work so done may be ordered removed or replaced at the Contractor's expense.

Upon failure on the part of the Contractor to comply forthwith with any order of the Engineer, made under the provisions of this article, the Engineer will have authority to cause unacceptable Work to be remedied or removed and replaced and unauthorized Work to be removed and to deduct the costs from any moneys due or to become due the Contractor

23. **The Contractor shall be liable & indemnify the Employer**

Contractor shall be exclusively liable for and shall indemnify and hold harmless the Employer, its agents and employees from:

- a. Making good all losses arising out of the Contractor's negligence or breach of the Contract. The Employer shall determine the amounts of such losses/ damages and the Contractor hereby expressly waives his all or any right to change or challenge the same. The Contractor shall have to make good all such losses/ damages within time frame specified in the Notice, to the entire satisfaction of the Employer after receiving written notice from the Employer.
- b. All losses arising from the automatic transfer of employment of Contractor's and its sub-contractor's employees to premises or any third party on the expiry or termination of the Contract including, in relation to the employees:
 - i. All liabilities in respect of their employment before or after the expiry or termination of the Contract and
 - ii. The costs of terminating their employment and any claims arising there from.
- c. Any tax, government duties, insurance contributions (employee and employer) and or social security contributions in respect of Contractor (in the case of an individual) or any employee or sub-contractor of Contractor together in each case with any interest, fines or penalties thereon.
- d. Save for the willful or deliberate breach of its obligations under the Contract or, as set out above, neither party shall be liable for any consequential or indirect loss or damage.
- e. All payments to his staff and other hired persons, sub-contractors or assigns during the currency of this Contract or after its expiry/ termination. The Employer shall have no relation, in whatsoever way, with such employees or persons recruited, hired or contracted by the Contractor and all these persons shall always be treated as the employees of the Contractor.
- f. Any claims of his own, of his employees or ex-employees, or associates, or their heirs whether against the Contractor, other contractors working within the same premises or any other person, regarding deals made at personal level by the staff or personal matters or deals carried out as a company, in whatsoever form, manner or capacity.
- g. Any Government Permits, Licenses, etc. that may be required for performing the Works contemplated under the Contract.
- h. All claims of compensation by an employee, his family or legal heirs or any other agency, autonomous body, any NGO or government department, arising from injury, disability, ill health or death of any of his employees during the currency or expiry of this Contract while performing any services under this Contract or any claim regarding the medical care or treatment expenses submitted by the employee or ex-employee of the Contractor or their legal heirs.
- i. In case any claim of compensation, expense in whatsoever form is to be paid by the Employer under any law of the land, the same amount shall be deducted from the Contractor's payable amounts/retention money.
- j. Full cost and responsibility for his employees/ staff, under no circumstances, whatsoever, shall the Contractor or its employees shall be regarded as the Employer's employees, and there would be no employer / employee relationship between them and the Employer.

24. **Confidentiality**

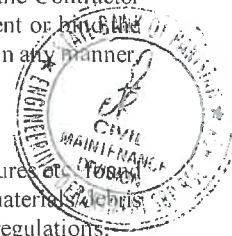
Except with the consent in writing of the Employer, Contractor shall keep strictly confidential and not make use of any confidential information supplied by the Employer other than to perform this Contract, and shall impose the same obligations on its employees and other third parties (including sub-contractors).

25. **Independent Contractor**

The Contractor including all his employees, sub-contractors, associates, assigns or his legal heirs shall at all times function and be regarded as independent contractor and not as an agent of the Employer and neither the Contractor nor its employees, sub-contractors, associates, assigns or his legal heirs shall have the right to represent or bind the Employer to any third person including any department or agency of Government or any other authority in any manner whatsoever.

26. **Materials Obtained/Discovered during excavation**

Materials obtained from excavation will be the property of the Employer. Serviceable materials & treasures shall have to be stacked/stored at the location designated by the Employer. All rubbish/un-wanted materials shall have to be disposed of by the contractor in line with the directions of the Employer & municipal regulations.



27. Site Clearance at completion

On completion of the project/works or at some earlier stage as desired by the Employer, the contractor shall remove all temporary structures, dumpsites, debris, surplus materials, etc. and fill up all trenches etc. made during the execution of the works. The contractor will have to secure a site clearance certificate from the Employer and attaché the same with his final bill. In case the contractor fails or refuses to do so, the Employer reserves the right to get it done through the other sources/contractors and deduct/recover the expenditure so occurred from the bills or retention money **along with the Performance Security submitted at the time of bid opening** of the contractor. In this regard, the decision of the Director/Head Engineering will be final & conclusive.

28. Health, Safety, Environment and Security (HSE&S)

- a. The Contractor shall comply with all statutory and regulatory requirements related to Health, Safety, Environment & Security (HSE&S) as well as Employer's applicable rules, procedures or policies related thereto at no additional cost to the Employer. The costs of supplying and/or doing all such things required for the purpose shall be deemed to be included in the amounts payable under this Agreement to the Contractor.
- b. The Employer shall periodically audit the Contractor's compliance with its HSE&S policies and conduct safety inspections as and when it deems fit. The Contractor shall ensure that Employer's recommendations in this regard are implemented without any delay.
- c. The Contractor shall provide the Employer information about its working practices, materials and equipment and shall operate in a manner which does not compromise Employer's security or environment standards and the safety and health of its employees and other people. Contractor shall also provide the Employer with any information which it may have related to a potential or actual security threat to the Employer.
- d. The Contractor shall certify in writing that its personnel are fully trained to execute the Works safely and shall ensure that they understand all risks and hazards associated with the Works. The Contractor shall keep records of such trainings.
- e. The Employer reserves the right to terminate this Contract without notice to the Contractor in the event of violation of this Clause by the Contractor and related HSE&S requirements of the Employer communicated to the Contractor from time to time.
- f. The Contractor shall pay special attention to the following environmental protection measures;
 1. Use of clean fuels to minimize air polluting emissions.
 2. Control of other air pollutants.
 3. Recovery and recycling of usable materials.
 4. Control of vehicle noise.
 5. Control of noise from power facilities.
 6. Limitation of Vibrations.
 7. Preservation of natural land to the extent possible.
 8. Preservation of archaeological Sites.
 9. Careful handling, storage and utilization of hazardous radioactive materials, toxic chemicals etc.

29. Electric Power Supply, Water supply, Telephone etc.

Water for construction purposes will be provided by the Employer. Electricity will be provided by the Employer for all minor equipment & tools. Expense regarding the required cables/wires and sub-meters, switches etc. shall have to be borne by the Contractor. The Contractor shall make his own arrangement at his own expenses for the telephone & fax etc. at the Site of Works. If these facilities are to be provided by the Employer at the request of the Contractor, the Contractor shall have to pay the bills/ expenses as per mutually agreed terms & conditions at that time. Hutting/ tenting etc. for the workers or storage of the materials of the contractor shall be the responsibility of the contractor.

30. Attendance of Meetings

The Contractor shall attend all meetings along with his authorized representative(s) when called by the Employer to discuss the quality and progress of Works, site matters and other matters related to the Contract, without any compensation from the Employer. The Contractor may ask the Employer to call a joint meeting to review the pending issues and decisions or to discuss any other matters, factors or aspects in context of the Contract. The minutes of meetings may be recorded and circulated amongst the participants for compliance.

31. First Aid Facilities

The contractor shall provide his staff with free first-aid facilities and treatment at the premises and shall, for this purpose, keep a properly equipped first aid kit at the premises.

32. Utility Lines

The Contractor shall conduct his operations, make necessary arrangements, take suitable precautions and perform all required work incident to the protection of and avoidance of interference with power transmission, telegraph, telephone and natural gas lines, oil lines, water and sewerage mains and other utilities within the areas of his operations in connection with this Contract and the cost thereof shall be borne by the Contractor and the Contractor shall save harmless and indemnify the Employer in respect of all claims, demands, proceedings, costs, charges and expenses whatsoever arising out of or in relation to any such interference.

33. Other

- a. The terms and conditions and the Schedules thereto of this Contract represent the entire agreement and understanding between the Employer and the Contractor, in relation to the subject matter hereof and supersede all previous agreements and/or understandings between the parties in relation thereto.
- b. If any provision of the Contract is found by any court or competent authority to be invalid, unlawful or unenforceable, that provision shall be deemed not to be a part of the Contract and it shall not affect the enforceability of the rest of the Contract.
- c. Unless expressly provided, no term of this Contract is enforceable by any third party.
- d. This Contract is personal to Contractor and Contractor shall not assign or subcontract any of its rights or obligations under it without Employer's prior written consent. Any subcontracting shall be on terms consistent with these Conditions for the benefit of an enforceable by the Employer and Contractor shall remain liable for the subcontractor's acts and omissions and the Contract's complete performance.
- e. The Contract shall be governed by the laws of Pakistan and Contractor and the Employer agree to submit to the exclusive jurisdiction of the courts in Pakistan.



(Bidding Documents, Section-2, Part-2)

The following Contract Data shall be deemed to form and be read and constructed as part of the Contract, including Conditions of Contract.

CONTRACT DATA

Clause No.	Description	Explanation/ Clarification
1.1-(i)	The Employer	Means SBP-Banking Services Corporation Head Office Karachi
1.3	Priority of Documents	Documents forming the Contract listed in the order of priority: (a) The Contract Agreement (b) Letter of Acceptance (c) The completed Form of Bid (d) Contract Data (e) Conditions of Contract (f) The completed Schedules to Bid including Schedule of Prices (g) The Drawings, if any (h) The Specifications, if any
4.4	Amount of Performance Security	<p>a. 10% of the Contract Price stated in Letter of Acceptance / Award in any one of the below specified forms;</p> <p>i. In shape of Pay Order from any Schedule Bank registered in Pakistan. ii. In shape of Demand Draft from any Schedule Bank registered in Pakistan. iii. In shape of Deposit at Call from any Schedule Bank registered in Pakistan. iv. In shape of Bank Guarantee from any Schedule Bank registered in Pakistan. v. In shape of Insurance Guarantee from any insurance company with AA rating by PACRA / JCR.</p> <p>In case, the cost of the Works is less than four million : The Bid Security of the successful bidder shall be retained as Performance Security.</p> <p>b. The Performance Security would remain valid till successful completion of Defect Liability Period and would be released after successful completion of defect liability period.</p>
7.1	Completion Time	75 Days [Works will be Executed between 01 st Oct 2022 to 28 th Feb 2023]
7.4	Liquidated Damages	@ 0.1% of total work done/ day to a maximum of 10% of the total work done.
9.1	Defects Liability Period	365 calendar days
11.4	Retention Money	10% of the net payable amount for each bill of the Contractor
11.6	Currency	Payment shall be made in Pak Rupees.
14	Insurance	<p>a. The Works Amount of Cover: The sum stated in Letter of Acceptance plus fifteen percent 15%.</p> <p>b. Contractor's equipment Amount of Cover: Full replacement Cost</p> <p>c. Injury to Person and Damaged to Property including Third party Insurance Amount of Cover: I) As per workmen compensation act II) Contractor's all Risk including Third party III) damages to the Structure, stores if supplied by the Bank</p>
16.4	Place of Arbitration	Karachi



Standard Forms



Form No. 01: FORM OF CONTRACT AGREEMENT

(Stamp duty shall be borne by the contractor as per the prevailing rates)

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the _____ day of _____ 20____ between _____, acting through its _____ who is duly authorized in this behalf (hereinafter called the "Employer") and _____, acting through its _____ who is duly authorized in this behalf (hereinafter called the "Contractor").

WHEREAS:

- (A) The Contractor has offered to execute the works for [please insert relevant details] {"Works"} on the terms and conditions as set forth in this Contract; and
- (B) The Employer has agreed to engage the Contractor to carry out the Works on the terms and conditions contained in this Contract.

NOW this Agreement witnesses 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, and in case of any conflict the decision of Director Engineering shall be final and binding.
 - (a) The Letter of Acceptance;
 - (b) The completed Form of Bid along with Schedules to Bid;
 - (c) Contract Data
 - (d) Conditions of Contract ;
 - (e) The priced Schedule of Prices;
 - (f) The Specifications; and
 - (g) The Drawings, if any
 - (h) Addendum/Corrigendum, if any
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 within 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 Contract Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Name, Signature of the Contactor

Name, Signature of the Employer

(Seal)

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness No.1
(Name, Title and Address)

Witness No.1
(Name, Title and Address)

Witness No.2
(Name, Title and Address)

Witness No.2
(Name, Title and Address)



Form No. 02: FORM OF PERFORMANCE SECURITY
(Bank Guarantee/ Insurance Guarantee)

Guarantee No. _____
Executed on _____

(Letter by the Guarantor to the Employer)

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

Name of Principal (Contractor) with
Address: _____

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

Letter of Acceptance No. _____ Dated _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the _____ (hereinafter called the 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 the said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue till all requirements of Clause -09, Identification & Remedying of Defects, of Conditions of Contract are fulfilled.

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

We, _____ (the Guarantor), waiving all objections and defenses under the Contract, do hereby irrevocably and independently guarantee to pay to the 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, for 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 bounded Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.



For Contractor

For SBP BSC

Form No. 03: FORM OF BANK GUARANTEE FOR ADVANCE PAYMENT

Guarantee No. _____

Executed on _____

(Letter by the Guarantor to the Employer)

WHEREAS the _____ (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 Rs. _____ Rupees _____) 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 advance payment for the performance of his obligations under the said Contract.

AND WHEREAS _____ (Scheduled Bank) (hereinafter called the Guarantor) at the request of the Contractor and in consideration of the 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, as aforesaid, 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 come into force as soon as the advance payment has been credited to the account of the Contractor.

This Guarantee shall expire on _____. The guarantee shall remain valid up to the final adjustment of the advance made in case of expiry without adjustment of the advance the Guarantor shall automatically renew the guarantee till such time/times as the employer may deem fit. In case the guarantee is renewed on the request of the employer the Guarantor shall be bound to renew the guarantee without reference to the contractor or any other part, the payment of the charges may be made by the employer from the payments due to the contractor or its securities.

The claim of the employer will remain valid even if the guarantee has expired until the clearance is received in writing by the employer along with the original bank Guarantee.

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



For Contractor

For SBP BSC

**Form No. 04: INDEMNITY BOND FOR SECURE ADVANCE AGAINST
MATERIALS BROUGHT AT SITE**

(ON Rs. 500 non-judicial stamp paper)

This Deed of Indemnity is issued by M/s. _____ (name of the contractor) in favour of M/s. _____ (name of the employer).

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

1. _____ at Rs. _____ per _____ = Rs.
2. _____ at Rs. _____ per _____ = Rs.
3. _____ at Rs. _____ per _____ = Rs.

THEREFORE THIS DEED OF INDEMNITY WITNESSETH AS FOLLOWS:

I/We _____ of M/s. _____ do hereby indemnify M/s. _____ for all losses due to thefts, arson, pilferage, loss due to flood and inundation, shortage, deterioration and depreciation etc. through any act of Man or God or slump in the Market of any or all the materials financed or paid by the Employer on our request for financing payment against material.

I/We _____ shall indemnify _____ against any or all claims, action damages arising out of or resulting to the said material.

I/We _____ further declare that we will faithfully abide by the above declaration and solemnly affirm that we will not remove, sell, pilferage any of the materials against which M/s. _____ has paid us such a secured advance and will not pledge the same with any Bank, Finance Corporation, Firm, Company, Individual or the like agency or create any change whereon in any form what so ever.

I/We _____ do hereby also declare that in the event of my/our infringement of the declaration made above _____ will be entitled to forfeit all such material and also proceed against me/us according to the relevant clause pertaining to breach of contract and further invoke the power or seek any remedies secured of _____ under the contract Agreement signed with us or otherwise available under law.

Place _____ Dated _____

Contractor _____

Witness:

Signature _____

Name _____

Witness:

Signature _____

Name _____



SPECIFICATIONS



TECHINCAL SPECIFICATIONS / REQUIREMENTS**Features:****Standards Specs**

Coil for Air Handling Units			
S. No	Specifications	Required	Offered
1.	Make	Any	
2.	Dimension	As mentioned in Vol - II	
3.	Coil Face Area	As mentioned in Vol - II	
4.	Tube Material	Copper	
5.	Side Plates	GI	
6.	Compatible with AHU as installed	Required	

DETAILS OF AIR HANDLING UNITS FIRST FLOOR

<u>AIR HANDLING UNIT(1st Floor)</u>		
1	Type	Horizontal Draw Through Double Skin Air Handling Unit
2	Make	Sabro
3	Model No.	AHU-120 HDT-DS
4	Cooling Capacity	322597 Btu/hr
5	Fluid Type	Water
6	Air Flow Rate	7000 CFM
7	Chilled Water Flow Rate	78 GPM
8	Power Supply	380-415V 7.5KW 50Hz
9	Motor	7.5KW / 1440 RPM
10	Blower Rotational Speed	800 M

DETAILS OF AIR HANDLING UNITS THIRD FLOOR

<u>AIR HANDLING UNIT (3rd Floor)</u>		
1	Type	Horizontal Draw Through Double Skin Air Handling Unit
2	Make	Sabro
3	Model No.	AHU-124 HDT-DS
4	Cooling Capacity	546455 Btu/hr
5	Fluid Type	Water
6	Air Flow Rate	11700 CFM
7	Chilled Water Flow Rate	122 GPM
8	Power Supply	380-415V 15KW 50Hz
9	Motor	15KW / 1440 RPM
10	Blower Rotational Speed	850 RPM

1.2 Applications:

For normal operation of Air-Handling Unit. Bidder shall be responsible for operation testing of the Machine and adequate flow.





TWO VOLUMES

Volume-I: Instructions to Bidders &
Conditions of Contract

Volume-II: Financial Bid

**STATE BANK OF PAKISTAN
SBP BANKING SERVICES CORPORATION (BANK).**

(VOLUME-II)

FINANCIAL BID

BIDDING DOCUMENTS

FOR

**OVERHAULING OF AIR-HANDLING UNITS INSTALLED AT 1ST & 3RD FLOORS OF BSC HOUSE
BUILDING, SBP KARACHI**

May 2022



FINANCIAL BID/ SCHEDULE OF PRICES**1. PREAMBLE**

- i.** The items mentioned in Bill of Quantities consist of furnishing all plants, labour, equipment, machinery appliances, materials, fittings, fixtures and fabrication, erection, installation, lifting of materials required for completing the items/works and the work shall be done in accordance with Bill of Quantities, specifications and drawings complete in all respects.
- ii.** The quantities contained in the Bill of Quantities are approximate estimated quantities and liable to be changed (increased/decreased) or omitted when the work will be actually executed. The Employer is authorized to delete any item of work or vary quantities of any item(s) of Bill of Quantities. No claim for any adjustment in the unit rate set forth in the Bill of Quantities will be made because of any increase or any decrease in the quantities indicated herein.
- iii.** The prices and rates to be quoted in the Bill of Quantities are to be the full inclusive value of the works described under specified items including all cost of expenses which may be required in and for the construction of the works described and implied in all the documents referred to on which the tender is based.
- iv.** Rates quoted should be inclusive of all applicable taxes, duties, levies etc.
- v.** Unit rate is to be entered against each item in the Bill of Quantities whether quantities are entered or not. Items against which no price or rate is quoted in the Bill of Quantities shall be deemed to have been covered by rates or prices quoted in the other BOQ item.
- vi.** Sub-total/Total amounts shall also be referred in words.
- vii.** 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, and the line total will be corrected accordingly.
- viii.** Each cutting should be signed by the authorized person.



BILL OF QUANTITIES

S.#	Description	QTY	Unit Rate	Amount (Rs.)
<p>This BOQ covers works for two Air Handling Units (AHU) installed at BSC building.</p> <p>Contractor shall take full responsibility of the works mentioned below and completion/rectification of any other work disturbed due to the work of contractor in relations to work. Contractor shall be responsible to make AHU'S fully operational before handing over of the work. Contractor shall take every possible care to protect bank's assets and human resource. Contractor shall be provided with an electric connection, space for placement of project material, water supply, drinking water etc. However, contractor shall bring own cables, pipes and any other ancillary equipment to avail the above mentioned utilities.</p> <p>For tolerable variation in sizes/specifications in items, details of actual sample available at site shall supersede and decision of engineer in-charge shall be binding. Contractor shall be responsible for complete isolation of AHU's for project work. The contractor shall be responsible for transportation, shifting, cleaning of the project space and surroundings.</p>				
PART A – AIR HANDLING UNIT OF 1ST FLOOR BSC HOUSE BUILDING				
<u>Air Handling Unit Detail:</u>				
Type: Horizontal Draw Through Double Skin Air Handling Unit Make: Sabro Model No. AHU-120 HDT-DS Cooling Capacity: 322597 Btu/hr Fluid Type: Water Air Flow Rate: 7000 CFM Chilled Water Flow Rate: 78 GPM Power Supply: 380-415V 7.5KW 50Hz Motor: 7.5KW / 1440 RPM Blower Rotational Speed: 800 RPM				
A1	<p><u>New Evaporator Coil</u></p> <p>Supply at site of <u>Evaporator Cooling Coil</u> made of pure copper tubing and aluminum fins coated with anti-corrosion/anti rust coating [Blue Film or Equivalent] & Side plus Top Plates made GI with Powder Coating. The supply shall be complete including the side header. Specification and size of coil are as following:</p> <p><u>Specification and Size of Coil</u></p> <p>Coil Face Area \cong 16.1 Sq ft Number of Rows = 08 Aluminum Fin Sized 0.140 mm, Fins Per Inch 10 Coil Copper Tube Size: 3/8 inch Side Plates G.I 2 mm. Powder Coated.</p> <p>Complete in all respect with both sides & top plates & frame on bottom for support, with good finishing and high quality. Complete in all respects as directed by the engineer in charge.</p>	01	No.	
A2	<p>Dismantling of old & Installation, Testing, Commissioning of item at Serial # A1 including all accessories in a safe manner. To make the unit completely operational as per new. Complete in all respect as directed by Engineer In-charge.</p>	01	Job	



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S.#	Description	QTY	Unit Rate	Amount (Rs.)
A3	Supply of Drain Tray for AHU Material Stainless Steel as per original. Complete in all respect as directed by Engineer In-charge.	01 No.		
A4	Repairing of Air-Handling Unit Body including the installation & dismantling works. The work shall include repairing of Body, Rusted pieces, Motor, Bottom Plates of AHU Coil, Flexible connections, Replacement of Gaskets, Hinges, Locks, Dismantling of old & installation of new drain tray etc. Dismantling of serviceable items where required & reinstallation of same in same condition etc. complete Paint of Complete the Air-Handling Unit. The job shall include all accessories screws, nuts, bolts, studs, rivets etc. as required at the time of execution and condition of the unit. Complete in all respect to restore the unit in new condition and as directed by the Engineer In-charge.	01 Job		
A5	<u>New Motor</u> Supply of New 3 – Phase Induction Motor Capacity 7.5kW 1440 RPM, Duty Cycle S Insulation Class F Make Siemens or approved equivalent	01 No.		
PART B - AIR HANDLING UNIT (AHU) OF 3rd FLOOR BSC HOUSE BUILDING				
<u>Air Handling Unit Detail:</u>				
Type: Horizontal Draw Through Double Skin Air Handling Unit Make: Sabro Model No. AHU-124 HDT-DS Cooling Capacity: 546455 Btu/hr Fluid Type: Water Air Flow Rate: 11700 CFM Chilled Water Flow Rate: 122 GPM Power Supply: 380-415V 15KW 50Hz Motor: 15KW/ 1440 RPM Blower Rotational Speed: 850 RPM				
B1	<u>New Evaporator Coil</u> Supply at site of <u>Evaporator Cooling Coil</u> made of pure copper tubing and aluminum fins coated with anti-corrosion/anti rust coating [Blue Film or Equivalent] & Side-Top Plates GI with Powder Coating. The supply shall be complete including the side header. Specification and size of coil are as following: Specification and Size of Coil Coil Face Area \cong 22.7Sqft Number of Rows = 08 Aluminum fin Sized 0.140 mm, Fins Per Inch 10 Coil Copper Tube Size: 3/8 inch Side Plates G.I 2 mm. Powder Coated. Complete in all respect with both sides & top plates & frame on bottom for support, with good finishing and high quality. Complete in all respects as directed by the engineer in charge.	01 No,		



S.#	Description	QTY	Unit Rate	Amount (Rs.)
B2	Dismantling of old & Installation, Testing, Commissioning of item at Serial # B1 including all accessories in a safe manner. To make the unit completely operational as per new. Complete in all respect as directed by Engineer In-charge.	01 Job		
B3	Supply of Drain Tray for AHU Material Stainless Steel as per original. Complete in all respect as directed by Engineer In-charge.	01 No.		
B4	<p><u>New Blower</u></p> <p>Supply of New Belt-Driven forward curved single Inlet Centrifugal Blower with complete impeller, Casted Hub, Bearing Locks, bearings & complete accessories. [excluding Pulley & Shaft as existing shall be used]</p> <p>Material for Blower: Mild Steel Material for Hub: Cast Iron Dimensions: 23(Breadth) x 23(Diameter) inches Paint Type: Powder Coating Balancing of the Blower Required</p> <p>Complete in all respect as directed by Engineer In-charge.</p>	01 No.		
B5	<p>Dismantling, Installation, Alignment, Testing & Commissioning of AHU Blower. The job shall include</p> <ul style="list-style-type: none"> • Dismantling of Old Blower • Dismantling & Re-installation of AHU Body Parts for the Job • Machining/Surfacing/Repairing of Shaft • Dynamic Balancing of the New Blower • Installation of New Blower • Alignment of Blower-Motor Assembly • Replacement of Vibration Isolators for Both Blower & Motor • Replacement of Belts • Repair of Complete Base of Fan Motor Assembly • Complete Epoxy Paint of the Assembly <p>The Job is inclusive of all allied works & accessories including but not limited to nuts/bolts/screws cutting grinding works etc. to make the unit operational. Complete in all respect to restore the unit in new condition and as directed by the Engineer In-charge.</p>	01 Job		
B6	Supply of Gasket Roll sized 1mm for AHU as per existing. Complete in all respect as directed by Engineer In-charge.	04 No.		
B7	Supply of Hinges for AHU as per existing. Complete in all respect as directed by Engineer In-charge.	06 No.		
B8	Supply of Locks door locks for AHU as per existing. Complete in all respect as directed by Engineer In-charge.	04 No.		
B9	Supply of Aluminum Pre-Air Filters Sized Thickness = 48mm L= 21 mm W=20.5mm	12 No.		

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Sign & Stamp



S.#	Description	QTY	Unit Rate	Amount (Rs.)
	AHU Filters Face Area Dimensions are 69 x 56 inches. For sizing of individual filter, face area of the filter section shall supersede all other dimensions. Complete in all respect to restore the unit in new condition and as directed by the Engineer In-charge.			
B10	Repairing of Air-Handling Unit Body including the dismantling & installation works. The work shall include repairing of Body, Rusted pieces, Motor, Bottom Plates of AHU Coil, Flexible connections, Replacement of Gaskets, Hinges, Locks, Dismantling of old & installation of new drain tray etc. Dismantling of serviceable items where required & reinstallation of same in same condition etc. complete Paint of Complete the Air-Handling Unit. The job shall include all accessories screws, nuts, bolts, studs, rivets etc. as required at the time of execution and condition of the unit. Complete in all respect to restore the unit in new condition and as directed by the Engineer In-charge.	01 Job		
B11	Supply of Pressure Gauge Range 0-200 Psi (Make Weiss Instrument or approved equivalent) along with 1/4" Siphon & Ball Valve (Complete Set). Complete in all respect as directed by Engineer In-charge.	04 No.		
B12	Supply of Dual Scale Temperature Gauges Range 0-160 F Tilttable Make Weiss Instrument or approved equivalent. Complete in all respect as directed by Engineer In-charge.	04 No.		
Total Part (B)				
Part C – Buy Back of Old Items Dismantled from A & B				
Buy Back of Old Unserviceable Scrap Material mentioned at serial below:				
C1	Buy Back of 1 st Floor AHU Unserviceable Scrap Evaporator Coil. Complete in all respect as directed by Engineer In-charge.	01 No.		
C2	Buy Back of 3 rd Floor AHU Unserviceable Scrap Evaporator Coil. Complete in all respect as directed by Engineer In-charge.	01 No.		
C3	Buy Back of Unserviceable Scrap Blower of 3 rd Floor AHU. Complete in all respect as directed by Engineer In-charge.	01 No.		
C4	Buy Back of Unserviceable Scrap Parts including metal pieces, old filters, nuts bolts screws, rubber pieces etc. Complete in all respect as directed by Engineer In-charge.	01 Lot		
Total Part (C)				
Grand Total (A + B - C)				



Amount in Words _____

_____ only

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Note:

Rates quoted should be inclusive of all taxes, duties, salaries, social benefits, compensations, applicable taxes, EOBI contributions, employee's social security contributions, contractor's overheads, profits, consumables etc. under applicable laws.



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