

TABLE OF CONTENTS

INVITATION FOR BIDS.....	1
INSTRUCTIONS TO BIDDERS	3
A. GENERAL	4
IB.1 Scope of Bid	4
IB.2 Source of Funds	4
IB.3 Eligible Bidders.....	4
IB.4 One Bid per Bidder.....	5
IB.5 Cost of Bidding	5
IB.6 Site Visit	5
B. BIDDING DOCUMENTS.....	5
IB.7 Contents of Bidding Documents.....	5
IB.8 Clarification of Bidding Documents	6
IB.9 Amendment of Bidding Documents.....	6
C. PREPARATION OF BIDS	6
IB.10 Language of Bid	6
IB.11 Documents Comprising the Bid.....	6
IB.12 Bid Prices	8
IB.13 Currencies of Bid and Payment	8
IB.14 Bid Validity.....	8
IB.15 Bid Security	9
IB.16 Alternate Proposals by Bidder.....	9
IB.17 Pre-Bid Meeting.....	9
IB.18 Format and Signing of Bid.....	10
D. SUBMISSION OF BIDS FOR SINGLE STAGE TWO ENVELOPE BIDDING PROCEDURE.....	10
IB.19 Sealing and Marking of Bids	10
IB.20 Deadline for Submission of Bids	11
IB.21 Late Bids	11
IB.22 Modification, Substitution and Withdrawal of Bids	12
E. BID OPENING AND EVALUATION FOR SINGLE STAGE TWO ENVELOPE BIDDING PROCEDUR	12
IB.23 Bid Opening.....	12
IB.24 Process to be Confidential	14
IB.25 Clarification of Bids.....	14
IB.26 Examination of Bids and Determination of Responsiveness	14
IB.27 Correction of Errors	15
IB.28 Evaluation and Comparison of Bids	15
F. AWARD OF CONTRACT	16
IB.29 Award	16
IB.30 Employer's Right to Accept any Bid and to Reject any or all Bids	16
IB.31 Notification of Award	16
IB.32 Performance Security.....	17
IB.33 Signing of Contract Agreement.....	17

IB.34	General Performance of the Bidders.....	17
IB.35	Integrity Pact	17
IB.36	Instructions not Part of Contract.....	17
IB.37	PPRA Act, 2009 and PPR-14 will have over-riding effect.....	18
BID DATA SHEET		19
LETTERS OF TECHNICAL BID / FINANCIAL BID, AND APPENDICES TO BID.....		23
Letter of Technical Bid.....		24
Letter of Financial Bid		25
Appendix-A to Bid	Special Stipulations	27
Appendix-B to Bid	Foreign Currency Requirements	28
Appendix-C to Bid	Price Adjustment Under Clause 70 of Conditions of Contract	29
Appendix-D to Bid	Schedule of Rates and Prices	30
Appendix-E to Bid	Proposed Construction Schedule.....	32
Appendix-F to Bid	Method of Performing the Work.....	33
Appendix-G to Bid	List of Major Equipment – Related Items.....	34
Appendix-H to Bid	Construction Camp and Housing Facilities	36
Appendix-I to Bid	List of Subcontractors	37
Appendix-J to Bid	Estimated Progress Payments.....	38
Appendix-K to Bid	Organization Chart for The Supervisory Staff and Labour	39
Appendix-L to Bid	Integrity Pact.....	41
Appendix-M to Bid	Financial Competence and Access to Financial Resources.....	42
Appendix-N to Bid	Past Performance, Current Commitment, Qualification and Experience ...	43
FORMS.....		53
BID SECURITY		54
FORM OF PERFORMANCE SECURITY.....		56
FORM OF CONTRACT AGREEMENT		58
MOBILIZATION ADVANCE GUARANTEE		60
Not Applicable		62
CONDITIONS OF CONTRACT.....		63
PART I: GENERAL CONDITIONS		63
PART II: PARTICULAR CONDITIONS OF CONTRACT		64
EMPLOYER’S REQUIREMENTS -.....		72

INVITATION FOR BIDS

INVITATION FOR BIDS

1. The Punjab Wildlife and Parks Department, Punjab, Pakistan (the "Employer") has applied for an **ADP scheme** towards the cost of Implementation of Master Plan of Safari Zoo Lahore and it is intended that the **ADP scheme** will be applied to eligible payments under the Contract for the Development of Aquarium For Implementation of Lahore Safari Master Plan under EPC Mode. Bidding is open to all eligible Bidders.

Works include design, supply, installation of Aquarium Works including installation of equipment and lighting for Safari Zoo Lahore and details described in the bidding documents.

2. The Employer invites sealed bids, under Single Stage-Two Envelope bidding procedure, from eligible firms or persons as specified in the Bidding Documents. A foreign bidder is entitled to bid only in a joint venture with a Pakistani constructor in accordance with the relevant provisions of PEC bye-laws.
3. Eligible Bidders may obtain further information, inspect and acquire the Bidding Documents from the Office of the Employer, at *Safari Zoo Lahore, Raiwind Road Lahore*.
4. A complete set of Bidding Documents may be purchased by an interested bidder on submission of a written application to the above office and upon payment of a non-refundable fee of Rs. 5000/-.
5. The Bidding document shall be made available to the interested firms/prospecting Bidders, immediately after the tender is published. The Bidding documents may be downloaded from the PPRA website: <https://ppra.punjab.gov.pk>.
6. All bids (Technical) must be accompanied by a Bid Security amounting of **PKR** 1,960,000 in the format of bank guarantee on bid security form provided or in the form of deposit at call or from a foreign bank duly counter guaranteed by a Scheduled Bank in Pakistan in favor of Employer and must be delivered to below mentioned address.
at or before 10:00 AM, on 20-01-2024. Bids will be opened at 11:30 AM on the same day, in the presence of bidder's representatives who choose to attend at the same address.
7. All bidders must fill in check list before submission of bid in their own interest as per section G of Instructions to Bidders, if specified, which a mandatory requirement is.

*Project Director
Implementation of Master Plan of Safari Zoo Lahore
Wildlife And Parks Department, Punjab, Pakistan
Address: Safari Zoo Lahore, Raiwind Road Lahore
Telephone: + 92 3066342762
Office hours: 0900 hours – 1700 hours PST
Electronic mail address: impszl572@gmail.com*

INSTRUCTIONS TO BIDDERS

INSTRUCTIONS TO BIDDERS

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

A. GENERAL

IB.1 Scope of Bid

- 1.1 The Employer as defined in the Bid data sheet hereinafter called “the Employer” wishes to receive bids for the construction and completion of works and remedying any defects therein as described in these Bidding Documents, and summarized in the Bid data sheet hereinafter referred to as the “Works”.
- 1.2 The successful bidder will be expected to complete the Works within the time specified in Appendix-A to Bid.

IB.2 Source of Funds

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

IB.3 Eligible Bidders

- 3.1 This Invitation for Bids is open to all bidders meeting the following requirements:
 - a. Duly licensed by the Pakistan Engineering Council (PEC) as specified in Appendix-N.
 - b. Incorporated with Security and Exchange Commission of Pakistan or Registrar of Firms as the case may be. [NTN Verification along with requisite Affidavit of sole-proprietorship in case of Sole-Proprietor.]
 - c. Registered with active status from Tax Authorities
 - d. Not blacklisted by the Procuring Agency.
 - e. Foreign firm participating in the JV shall have the nationality of an eligible country. Foreign firm shall be deemed to have the nationality of a country if the foreign firm is a national of that country; or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country.
 - f. A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be non-responsive. A Bidder may be considered to have a conflict of interest with one or more parties in this Bidding process, if they:
 - (i) are associated or have been associated, directly or indirectly with a firm or any of its affiliates which have been engaged by the Procuring Agency to

provide consulting services for the preparation of the design and other documents to be used; or

- (ii) have controlling shareholders in common; or
- (iii) receive or have received any direct or indirect subsidy from any of them; or
- (iv) have the same legal representative for purposes of this Bid; or
- (v) have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Agency regarding this Bidding process;

IB.4 One Bid per Bidder

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

IB.5 Cost of Bidding

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

IB.6 Site Visit

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

B. BIDDING DOCUMENTS

IB.7 Contents of Bidding Documents

- 7.1 The Bidding Documents, in addition to invitation for bids, are those stated below and should be read in conjunction with any Addenda issued in accordance with Clause IB.9.
- 1. Instructions to Bidders.
 - 2. Bid data sheet.
 - 3. General Conditions of Contract, Part-I(GCC).
 - 4. Special/Particular Conditions of Contract, Part-II(SCC).
 - 5. Employer's Requirements.
 - 6. Form of Bid & Appendices to Bid, including a Certificate that the bidder is not currently blacklisted by the Procuring Agency.

7. Schedule of Rates and Prices (Appendix-D to Bid).
8. Form of Bid Security.
9. Form of Contract Agreement.
10. Forms of Performance Security, Mobilization Advance and Secured Advance.

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

IB.8 Clarification of Bidding Documents

8.1 Any prospective bidder requiring any clarification (s) in respect of the Bidding Documents may notify the Employer in writing at the Employer's address indicated in the Invitation for Bids. The Employer will respond to any request for clarification which he receives prior to the deadline for submission of bids. The exact number of days will be mentioned in the Bid Data Sheet keeping in view the time given for submission of bids.

Copies of the Employer's response will be forwarded to all purchasers of the Bidding Documents, including a description of the enquiry but without identifying its source.

IB.9 Amendment of Bidding Documents

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

9.2 Any addendum thus issued shall be part of the Bidding Documents pursuant to IB 7.1 hereof and shall be communicated in writing to all purchasers of the Bidding Documents, at least three (03) days prior to the closing date of submission of the bid. Prospective bidders shall acknowledge receipt of each addendum in writing to the Employer.

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

C. PREPARATION OF BIDS

IB.10 Language of Bid

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

IB.11 Documents Comprising the Bid

- 11.1 The Bid shall comprise two envelopes submitted simultaneously, one called the Technical Bid and the other the Financial Bid, containing the documents listed in Bid data sheet under the heading of IB 11.1 A & B respectively. Both envelopes to be enclosed together in an outer single envelope called the Bid. Each bidder shall furnish all the documents as specified in Bid data sheet 11.1 A & B.
- 11.2 Bids submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all partners. Alternatively, a Letter of Intent to execute a Joint Venture Agreement in the event of a successful bid shall be signed by all partners and submitted with the bid, together with a copy of the proposed agreement. The role to be played by each partner to be specified therein; and, the concerned partner should have the requisite qualification/ experience to successfully execute the assigned task. Bids submitted by a joint venture of two (2) or more firms shall also comply with the following requirements:
- (a) In case of a successful bid, the Form of JV Agreement shall be signed so as to be legally binding on all partners within 7 days of the receipt of letter of acceptance failing which the contract and the letter of acceptance shall stand void and redundant.
 - (b) One of the joint venture partners shall be nominated as being in charge/ lead partner; and this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the joint venture partners;
 - (c) The partner-in-charge/ lead partner shall always be duly authorized to deal with the Employer regarding all matters related with and/or incidental to the execution of Works as per the terms and Conditions of JV Agreement and in this regard to incur any and all liabilities, receive instructions, give binding undertakings and receive payments on behalf of the joint venture;
 - (d) All partners of the joint venture shall at all times and under all circumstances be liable jointly and severally for the execution of the Contract in accordance with the Contract terms; and, a statement to this effect shall be included in the authorization mentioned under Sub-Para (b) above as well as in the Form of Bid and in the Form of JV Agreement (in case of a successful bid); and
 - (e) A copy of JV agreement shall be submitted before signing of the Contract, stating the conditions under which JV will function, its period of duration, the persons authorized to represent and obligate it and which persons will be directly responsible for due performance of the Contract and can give valid receipts on behalf of the joint venture, the proportionate participation of the several firms forming the joint venture, and any other information necessary to permit a full appraisal of its functioning. The JV Agreement shall be made part of the contract. No amendments / modifications whatsoever in the joint venture agreement shall be agreed to between the joint venture partners without prior written consent of the Employer.
- 11.3 The Bidder shall furnish, as part of the Technical Bid, a Technical Proposal including a statement of work methods, equipment, personnel, schedule, qualification/ experience required to successfully execute the individually assigned tasks and any other information as stipulated in Bidding Forms, in sufficient detail to demonstrate the adequacy of the Bidders' proposal to meet the work requirements and the completion time referred to in Sub-Clause 1.2 hereof.

IB.12 Bid Prices

- 12.1 Bidder shall quote for the entire Works on a “single responsibility” basis such that the lump sum Bid Price in accordance with the Contract, covers all the Contractor’s obligations, risks and liabilities under the Contract. The Works shall include any work which is necessary to satisfy the Employer’s Requirements, or is implied by the Contract, and all works which (although not mentioned in the Contract) are necessary for stability or for the completion, or safe and proper operation, of the Works.
- 12.2 Bidder shall give a breakdown of the prices in the manner and detail called for in the Schedule of Rates and Prices (if any) included in the Bidding Documents. These will not in any way limit the Bidder’s “single responsibility” as stated above. The price of any items that the Bidder may have omitted is deemed to be included in the total lump sum Bid price and will not be paid for separately by the Employer.
- 12.3 All duties, taxes and other levies payable by the Contractor under the Contract, or for any other cause, as on the date **of opening of the bids** shall be included in the rates and prices and the total Bid Price submitted by a bidder. Additional / reduced duties, taxes and levies due to subsequent additions or changes in legislation shall be reimbursed / deducted as per Sub-Clause 70.2 of the General Conditions of Contract Part-I.
- 12.4 The rates and prices quoted by the bidders are subject to adjustment during the performance of the Contract in accordance with the provisions of Clause 70 of the Conditions of Contract. The bidders shall furnish the prescribed information for the price adjustment formulae in Appendix C to Bid and shall submit with the bids such other supporting information as required under the said clause.

IB.13 Currencies of Bid and Payment

- 13.1 The unit rates and the prices shall be quoted by the bidder entirely in Pak rupees. A bidder expecting to incur expenditures in other currencies for inputs to the Works supplied from outside the Employer’s country (referred to as the “Foreign Currency Requirements”) shall indicate the same in Appendix-B to Bid. However, subject to GCC clause 71.1, payments in foreign currency are not permissible.
- 13.2 The rates of exchange to be used by the bidder for currency conversion shall be the TT & OD Selling Rates published or authorized by the State Bank of Pakistan prevailing on the date **of opening of the bids**. For the purpose of payments, the exchange rates used in bid preparation **shall apply for the duration of the Contract**. **Rule 32(2) of PPR-14 shall be applicable for rate of exchange of foreign currencies.**

IB.14 Bid Validity

- 14.1 Bids shall remain valid for the period stipulated in the Bid data sheet after the Date of Bid Opening specified in Clause IB.23.
- 14.2 In exceptional circumstances, prior to expiry of the original bid validity period, the Employer may request that the bidders extend the period of validity for a specified additional period which shall in no case be more than the original bid validity period or 180 days whichever is more. The request and the responses thereto shall be made in writing. A bidder may refuse the request without forfeiting his Bid Security. A bidder agreeing to the request will not be required or permitted to modify his bid, but will be required to extend the validity of his Bid Security for the period of the

extension, and in compliance with Clause IB.15 in all respects. Rule 28 of PPR-14 shall be applicable for Bid Validity period.

IB.15 Bid Security

- 15.1 Each bidder shall furnish, as part of his bid, a Bid Security in the amount stipulated in the Bid data sheet in Pak Rupees or an equivalent amount in a freely convertible currency.
- 15.2 The Bid Security shall be, at the option of the bidder, in the form of Deposit at Call or a Bank Guarantee issued by a Scheduled Bank in Pakistan or from a foreign bank duly counter guaranteed by a Scheduled Bank in Pakistan in favor of the Employer valid for a period 30 days beyond the Bid Validity date.
- 15.3 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Employer as non-responsive.
- 15.4 The bid securities of unsuccessful bidders will be returned as promptly as possible, after expiry of grievance period or disposal of complaint if any, complying with the relevant provisions of PPR-14.
- 15.5 The Bid Security of the successful bidder will be returned when the bidder has furnished the required Performance Security and signed the Contract Agreement.
- 15.6 The Bid Security may be forfeited:
 - (a) If the bidder withdraws his bid except as provided in IB 22.1;
 - (b) If the bidder does not accept the correction of his Bid Price pursuant to IB 27.2 hereof; or
 - (c) In the case of successful bidder, if he fails within the specified time limit to:
 - (i) Furnish the required Performance Security;
 - (ii) Sign the Contract Agreement, or
 - (iii) Furnish the required JV agreement within 7 days of the receipt of letter of acceptance.

IB.16 Alternate Proposals by Bidder

- 16.1 No alternate proposals are allowed in single stage two envelope method.

IB.17 Pre-Bid Meeting

- 17.1 The Employer may, on his own motion or at the request of any prospective bidder(s), hold a pre-bid meeting to clarify issues and to answer any questions on matters related to the Bidding Documents. The date, time and venue of pre-bid meeting, if convened, is as stipulated in the Bid data sheet. All prospective bidders or their authorized representatives shall be invited to attend such a pre-bid meeting.
- 17.2 The bidders are requested to submit questions, if any, in writing so as to reach the Employer not later than seven (7) days before the proposed pre-bid meeting.
- 17.3 Minutes of the pre-bid meeting, including the text of the questions raised and the replies given, will be transmitted without delay to all purchasers of the Bidding Documents. Any modification of the Bidding Documents listed in IB 7.1 hereof, which may become necessary as a result of the pre-bid meeting shall be made by

the Employer exclusively through the issue of an Addendum pursuant to Clause IB.9 and not through the minutes of the pre-bid meeting.

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

IB.18 Format and Signing of Bid

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

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

18.3 No alteration is to be made in the Financial Bids and Technical Bids nor in the Appendices thereto except in filling up the blanks as directed. If any such alterations be made or if these instructions be not fully complied with, the bid may be rejected.

18.4 The Bidder shall prepare one original of the Technical Bid and one original of the Financial Bid comprising the Bid as described in Bid data sheet against IB 11 and clearly mark it "ORIGINAL - TECHNICAL BID" and "ORIGINAL - FINANCIAL BID". In addition, the Bidder shall submit two (2) copies of the Bid and clearly mark each of them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.

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

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

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

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

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

IB.19 Sealing and Marking of Bids

19.1 Each bidder shall submit his bid as under:

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

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

- (c) The technical bid should comprise of documents listed in IB11.1 (A) & the Financial Bid should comprise of documents listed in IB 11.1 (B) which shall be placed in separate envelopes in accordance with IB 11.1.

19.2 The inner and outer envelopes shall:

- (a) Be addressed to the Employer at the address provided in the Bid data sheet;
- (b) Bear the name and identification number of the contract as defined in the Bid data sheet; and
- (c) Provide a warning not to open before the time and date for bid opening, as specified in the Bid data sheet.

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

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

IB.20 Deadline for Submission of Bids

20.1 (a) Bids must be received by the Employer at the address specified no later than the time and date stipulated in the Bid data sheet.

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

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

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

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

IB.21 Late Bids

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

(b) Delays in the mail, delays of person in transit, or delivery of a bid to the wrong office shall not be accepted as an excuse for failure to deliver a bid at the proper place and time. It shall be the bidder's responsibility to determine the manner in which timely delivery of his bid will be accomplished either in person, by messenger or by mail.

IB.22 Modification, Substitution and Withdrawal of Bids

- 22.1 Any bidder may modify, substitute or withdraw his bid after bid submission provided that the modification, substitution or written notice of withdrawal is received by the Employer prior to the deadline for submission of bids.
- 22.2 The modification, substitution, or notice for withdrawal of any bid shall be prepared, sealed, marked and delivered in accordance with the provisions of Clause IB.19 with the outer and inner envelopes additionally marked "MODIFICATION", "SUBSTITUTION" or "WITHDRAWAL" as appropriate.
- 22.3 No bid may be modified by a bidder after the deadline for submission of bids except in accordance with IB 22.1 and 27.2.
- 22.4 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security in pursuance to Clause IB.15.

E. BID OPENING AND EVALUATION FOR SINGLE STAGE TWO ENVELOPE BIDDING PROCEDUR

IB.23 Bid Opening

- 23.1 The Employer will open the Technical Bids in public at the address, date and time specified in the Bid data sheet in the presence of Bidders' designated representatives and anyone who choose to attend. The Financial Bids will remain unopened and will be held in custody of the Employer until the specified time of their opening.
- 23.2 First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding bid shall not be opened, but returned to the Bidder. No bid withdrawal shall be permitted unless the corresponding Withdrawal Notice contains a valid authorization to request the withdrawal and is read out at bid opening.
- 23.3 Second, outer envelopes marked "SUBSTITUTION" shall be opened. The inner envelopes containing the Substitution Technical Bid and/or Substitution Financial Bid shall be exchanged for the corresponding envelopes being substituted, which are to be returned to the Bidder unopened. Only the Substitution Technical Bid, if any, shall be opened, read out, and recorded. Substitution Financial Bid will remain unopened in accordance with IB 23.1. No envelope shall be substituted unless the corresponding Substitution Notice contains a valid authorization to request the substitution and is read out and recorded at bid opening.
- 23.4 Next, outer envelopes marked "MODIFICATION" shall be opened. No Technical Bid and/or Financial Bid shall be modified unless the corresponding Modification Notice contains a valid authorization to request the modification and is read out and recorded at the opening of Technical Bids. Only the Technical Bids, both Original as well as Modification, are to be opened, read out, and recorded at the opening. Financial Bids, both Original and Modification, will remain unopened in accordance with IB 23.1. The Bidders' representatives who are present shall be requested to sign the record. The omission of a Bidder's signature on the record shall not invalidate the

contents and effect of the record. A copy of the record shall be distributed to all Bidders.

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

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

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

Preliminary Examination of Technical Bids

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

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

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

23.8 At the end of the evaluation of the Technical Bids, the Employer will invite only those bidders who have submitted substantially responsive Technical Bids and who have been determined as being qualified for award to attend the opening of the Financial Bids.

The date, time, and location of the opening of Financial Bids will be advised in writing by the Employer. Bidders shall be given reasonable notice for the opening of Financial Bids.

23.9 The Employer will notify Bidders in writing who have been rejected on the grounds of their Technical Bids being substantially non-responsive to the requirements of the Bidding Document and return their Financial Bids unopened as per rule 38(2)(a)(vii) of PPR-14.

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

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

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

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

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

IB.24 Process to be Confidential

- 24.1 Information relating to the examination, clarification, evaluation and comparison of bid and recommendations for the award of a contract shall not be disclosed to bidders or any other person not officially concerned with such process before the announcement of final bid evaluation report which shall be done at least 10 days prior to the award of Contract. The announcement to all Bidders will include table(s) comprising read out prices, discounted prices, price adjustments made (if applicable), final evaluated prices and recommendations against all the bids evaluated. Any effort by a bidder to influence the Employer's processing of bids or award decisions may result in the rejection of such bidder's bid. Whereas any bidder feeling aggrieved may lodge a written complaint not later than ten 10 days after the announcement of Technical and Financial Bids. No bidder will be allowed to file grievance petition w.r.t. Technical Evaluation after announcement/ uploading of Financial Evaluation Report. However mere fact of lodging a complaint shall not warrant suspension of the procurement process.

IB.25 Clarification of Bids

- 25.1 To assist in the examination, evaluation and comparison of bids, the Employer may, at his discretion, ask any bidder for clarification of his bid, including breakdowns of unit rates. The request for clarification and the response shall be in writing but no change in the price or substance of the bid shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the bids in accordance with Clause IB.28.
- 25.2 If a Bidder does not provide clarifications of its Bid by the date and time set in the Employer's request for clarification, its bid may be rejected. Rule 33 of PPR-14 shall be applicable for clarifications.

IB.26 Examination of Bids and Determination of Responsiveness

- 26.1 Prior to the detailed evaluation of bids, the Employer will determine whether each bid is substantially responsive to the requirements of the Bidding Documents.
- 26.2 A substantially responsive bid is one which (i) meets the eligibility criteria; (ii) has been properly signed; (iii) is accompanied by the required Bid Security; (iv) Includes signed Integrity Pact where required as per clause IB.35; and (v) conforms to all the terms, conditions and specifications of the Bidding Documents, without material

deviation or reservation (vi) meets the qualification criteria as specified in Appendix-M & N. A material deviation or reservation is one (i) which affect in any substantial way the scope, quality or performance of the Works; (ii) which limits in any substantial way, inconsistent with the Bidding Documents, the Employer's rights or the bidder's obligations under the Contract; (iii) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids. Only substantially responsive bid shall be considered for further evaluation.

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

IB.27 Correction of Errors

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

- (a) Where there is a discrepancy between the amounts in figures and in words, the amount in words will govern; and
- (b) Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern, unless in the opinion of the Employer there is an obviously gross misplacement of the decimal point in the unit rate, in which case the line item total as quoted will govern and the unit rate will be corrected.

- 27.2 The amount stated in the Letter of Financial Bid will be adjusted by the Employer in accordance with the above procedure for the correction of errors and with the concurrence of the bidder, shall be considered as binding upon the bidder. If the bidder does not accept the corrected Bid Price, his Bid will be rejected, and the Bid Security shall be forfeited in accordance with IB.15.6 (b) hereof.

IB.28 Evaluation and Comparison of Bids

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

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

- (a) Making any correction for errors pursuant to Clause IB.27;
- (b) Excluding Provisional Sums and the provision, if any, for contingencies in the Summary Schedule of Rates and Prices, but including competitively priced Day work; and
- (c) Making an appropriate adjustment for any other acceptable variation or deviation.

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

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

F. AWARD OF CONTRACT

IB.29 Award

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

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

IB.30 Employer's Right to Accept any Bid and to Reject any or all Bids

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

IB.31 Notification of Award

- 31.1 Prior to expiration of the period of bid validity prescribed by the Employer, the Employer will notify the successful bidder in writing ("Letter of Acceptance") that his Bid has been accepted. This letter shall name the sum which the Employer will pay the Contractor in consideration of the execution and completion of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Conditions of Contract called the "Contract Price").
- 31.2 No Negotiation with the bidder having evaluated as lowest responsive or any other bidder shall be permitted. However, the lowest evaluated bidder may further reduce the Bid Price voluntarily without compromising the quality/ quantity.
- 31.3 The notification of award and its acceptance by the bidder will constitute the formation of the Contract, binding the Employer and the bidder till signing of the formal Contract Agreement.

- 31.4 Upon furnishing by the successful bidder of a Performance Security, the Employer will promptly notify the other bidders that their Bids have been unsuccessful and return their bid securities. No bid security can be returned without exhausting the grievance period or without finally disposing off the complaint of the non-responsive bidder. However, bid security may be returned earlier if any bidder submits affidavit that he is satisfied with the proceedings and hence his bid security may be returned.

IB.32 Performance Security

- 32.1 The successful bidder shall furnish to the Employer a Performance Security in the form and the amount stipulated in the Bid data sheet and the Conditions of Contract within a period of 14 days after the receipt of Letter of Acceptance. On submission of Performance Security, the bid security of the successful bidder may be returned.
- 32.2 Failure of the successful bidder to comply with the requirements of IB.32.1 or IB.33 or IB.35 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security. Rule 56 of PPR-14 shall be applicable for performance Security.

IB.33 Signing of Contract Agreement

- 33.1 Within 14 days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Employer will send the successful bidder the Contract Agreement in the form provided in the Bidding Documents, incorporating all agreements between the parties.
- 33.2 The formal Agreement between the Employer and the successful bidder shall be executed within 14 days of the receipt of the Contract Agreement by the successful bidder from the Employer.

IB.34 General Performance of the Bidders

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

IB.35 Integrity Pact

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

IB.36 Instructions not Part of Contract

Bids shall be prepared and submitted in accordance with these Instructions which are provided to assist bidders in preparing their bids, and do not constitute part of the Bid or the Contract Documents. Submission of Bids shall be construed as evidence that the bidder has admitted all provisions of the Instruction to the Bidders.

IB.37 PPRA Act, 2009 and PPR-14 will have over-riding effect

PPRA Act, 2009 and PPR-14 as amended upto date will supersede and will have an over-riding effect in case in case of any contradiction with these Instructions, the Contract or any other part of the Bidding Documents.

BID DATA SHEET

Bid Data Sheet

Instructions to Bidders

Clause Reference

1.1 Name and address of the Employer:

Project Director, Implementation of master plan of safari zoo Lahore, Wildlife & Parks, Punjab, Forestry, Wildlife & Fisheries Department, Government of the Punjab, Pakistan

Address: Safari Zoo Lahore, Raiwind Road Lahore

1.1 Name of the Project: Implementation of master plan of safari zoo Lahore

Summary of the Works: Development of Aquarium under EPC mode.

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

Source of Financing: Government of Punjab, Pakistan

2.1 Type of financing: Own Sources.

8.1 Time limit for clarification:

The time limit for any prospective bidder requiring any clarification (s) is at least 07 days prior to the date of submission of bids

10.1 Bid language:

English

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

- | | | |
|-----|----------------------------------------------------------------------------------|--------------|
| (a) | Letter of Technical Bid | |
| (b) | Bid Security | (IB.15) |
| (c) | Written confirmation authorizing the signatory of the Bid to commit the Bidder | (IB.18.5) |
| (d) | Pending litigation information | |
| (e) | Certificate that the bidder is not currently blacklisted by the Procuring Agency | |
| (f) | Special Stipulations | (Appendix-A) |
| (g) | Proposed Construction Schedule | (Appendix-E) |
| (h) | Method of Performing the Work | (Appendix-F) |
| (i) | Availability of Critical Equipment | (Appendix-G) |
| (j) | Construction Camp and Housing Facilities | (Appendix-H) |
| (k) | List of Sub-contractors | (Appendix-I) |

- | | | |
|-----|--------------------------------------------------------------------|--------------|
| (l) | Organization Chart for Supervisory Staff | (Appendix-K) |
| (m) | Integrity Pact | (Appendix-L) |
| (n) | Financial Competence and Access to financial Resources | (Appendix-M) |
| (o) | Past Performance, Current Commitment, Qualification and Experience | (Appendix-N) |

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

- | | | |
|-----|----------------------------------|--------------|
| (a) | Letter of Financial Bid | |
| (b) | Foreign Currency Requirements | (Appendix-B) |
| (c) | Price Adjustment under Clause 70 | (Appendix-C) |
| (d) | Schedule of Rates and Prices | (Appendix-D) |
| (e) | Estimated Progress Payments | (Appendix-J) |

11.2 Following sub-paragraph (f) is added:

Maximum number of joint venture/consortium partners shall be "three (03)". The lead partner of the joint venture/consortium (i.e., partner-in-charge) must have financial share of more than 50 % under the JV/ consortium Agreement.

13.1 Text under IB 13.1 is deleted in entirety and replaced with following:

The bid price shall be quoted by the bidder entirely in Pak rupees. All payments under the Contract shall be made in Pak rupees only.

14.1 Period of Bid Validity:

180 days after the Date of Technical Bid Opening

15.1 Amount of Bid Security:

As specified in Tender Notice.

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

7 days after the invitation for bids (still be added)

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

One original and two hard copies

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

Same as address provided in the Invitation for Bids

19.2(b) Name and Number of the Contract:

- (1) "Development of Aquarium for Implementation of master plan of safari zoo Lahore under EPC Mode"

20.1(a) Deadline for submission of bids:

As stated in the Invitation for Bids

23.1 Venue, time, and date of Bid opening:

As stated in the Invitation for Bids

32.1 Text “28 days” stated in the first paragraph of IB 32.1 is deleted and replaced with “14 days”

32.1 Standard form and amount of Performance Security:

The Performance Security shall be equal to an amount of 10% of the Contract Price stated in the Letter of Acceptance in the favor of the Employer. Such Security shall be in the form acceptable to the Employer of either (a) unconditional, irrevocable Bank Guarantee from any Scheduled Bank of Pakistan acceptable to the Employer or (b) unconditional, irrevocable Bank Guarantee from a bank located outside Pakistan duly counter – guaranteed by a Scheduled Bank of Pakistan, or (c) CDR or Demand Draft from a scheduled Bank in Pakistan to the Employer valid for a period till 28 days after the date of issue of Defect Liability Certificate.

**LETTERS OF TECHNICAL BID / FINANCIAL BID,
AND
APPENDICES TO BID**

LTB-1

Letter of Technical Bid

Date:

Bid Reference No:
(Name of Contract/Works)

To:.....

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (IB). Complete bidding document is binding upon us and we fully understand that the PPRA Act, 2009 and the PPR-14 as amended upto date supercedes this bidding document, in case of any contradiction, and the same are also binding upon us;
- (b) We offer to execute and complete in conformity with the Bidding Documents the following Works:.....
- (c) Our Bid consisting of the Technical Bid and the Financial Bid shall be valid for a period of days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (d) As security for due performance of the under takings and obligations of our bid, we submit here with a Bid security, in the amount specified in Bid data sheet, which is valid (at least) 30 days beyond validity of Bid itself.
- (e) We are not participating, as a Bidder or as a subcontractor, in more than one bid in this bidding process.
- (f) We agree to permit Employer or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors. This permission is extended for verification of any information provided in our Technical Bid which comprises all documents enclosed herewith in accordance with IB.11.1 of the Bid data sheet.

Name

In the capacity of

Signed

.....

Duly authorized to sign the Bid for and on behalf of

Date

Address.....

Letter of Financial Bid

Date:

Bid Reference No:
(Name of Contract/Works)

To:.....

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (IB)9;
- (b) The total price of our Bid, excluding any discounts offered in item (c) below is:.....
- (c) The discounts offered and the methodology for their application are:.....
- (d) Our Bid shall be valid for a period of days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (e) If our Bid is accepted, we commit to obtain a performance security in accordance with the Bidding Documents;
- (f) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed and we do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other bidder for the Works.
- (g) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.
- (h) We agree to permit Employer or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors. This permission is extended for verification of any information provided in our Technical Bid which comprises all documents enclosed herewith in accordance with IB.11.1 of the Bid data sheet.
- (i) If awarded the contract, the person named below shall act as Contractor's Representative.

Name

In the capacity of

Signed

Duly authorized to sign the Bid for and on behalf of

Date

Address.....

Appendix-A to Bid
Special Stipulations

Not Applicable

**Appendix-B to Bid
Foreign Currency Requirements**

Not Applicable

Appendix-C to Bid
Price Adjustment Under Clause 70 of Conditions of Contract

Not Applicable

**Appendix-D to Bid
Schedule of Rates and Prices**

Sr. No.	Description	Amount (PKR)
1	Design, supply, installation and development of Aquarium facility including tanks, lighting and finishing & related civil works, complete in all respects under "single responsibility" basis covering all the Contractor's obligations, risks and liabilities under the Contract, satisfying the Employer's Requirements and as implied by the Contract, and include all other works which (although not mentioned in the Contract) are necessary for stability or for the completion, or safe and proper operation of the Works.	
Total Bid Price		

Priced Activity Schedule Table

Activity No.	Description of Activity	Activity Price (PKR)
1.	Design Services	
2.	Supply, Installation and Commissioning of Marine Tank(s) With Sump including lighting and finishing, complete in all respects	
3.	Supply, Installation and Commissioning of Freshwater Tank(s) With Sump including lighting and finishing, complete in all respects	
	Supply, Installation and Commissioning of Marine Reef Tank(s) With Sump including lighting and finishing, complete in all respects	
4.	Supply, Installation and Commissioning of Marine Tank(s) for Angels Fish With Sump including lighting and finishing, complete in all respects	
5.	Supply, Installation and Commissioning of Main Marine Shark Tank(s) With Sump including lighting and finishing, complete in all respects	
6.	Supply, Installation and Commissioning of JellyFish tank(s) including lighting and finishing, complete in all respects	
7.	Supply, Installation and Commissioning of Fish Quarantine Tank(s) including lighting and finishing, complete in all respects	
8.	Supply, Installation and Commissioning of Shark Quarantine Tank(s) including lighting and finishing, complete in all respects	
9.	Renovation & Finishing Works	
Total Bid Price		

Note:

Bidder shall quote for the entire Works on a “single responsibility” basis such that the lump sum Bid Price in accordance with the Contract, covers all the Contractor’s obligations, risks and liabilities under the Contract. The Works shall include any work which is necessary to satisfy the Employer’s Requirements, or is implied by the Contract, and all works which (although not mentioned in the Contract) are necessary for stability or for the completion, or safe and proper operation, of the Works.

Except otherwise expressly provided under the Conditions of Contract, the lump sum amounts/prices entered by the Bidder in the Schedule of Rates and Prices for all the items of the Works shall be deemed to have included all costs of whatsoever nature for execution and completion of the Works and remedying of the defects therein. The total Lump Sum Bid Price submitted by the bidder is for the full scope and all costs incurred by the Contractor in the performance of whole of the Works, the provision of services including but not limited to all costs of materials used for execution of Works, execution of Works, all costs of staff and labour, Contractor’s Equipment, tools and equipment, his overheads, other indirect costs, all duties, taxes, customs and other levies payable by the Contractor under the Contract, profit and costs of accepting the general risks, liabilities and obligations set forth or implied in the Contract.

Bidder shall give a breakdown of the prices of all the major activities of the Works in the manner and detail called for as above “Priced Activity Schedule Table” and shall provide further breakdown of each activity. These will not in any way limit the Bidder’s “single responsibility” as stated in IB 12.1. The price of any items that the Bidder may have omitted is deemed to be included in the total lump sum Bid price and will not be paid for separately by the Employer.

The “Priced Activity Schedule Table” only identifies major components of the Works and it does not restrict the responsibility of the Contractor to furnish all equipment, materials and services as deemed necessary by the Employer for making the Works complete and satisfactory as specified and/or implied in the Bidding Documents and subsequent revisions thereto.

The price quoted shall be for the entire commercial, contractual, technical and all other obligations under this Bidding Document, without any material deviation, omission or reservation.

The Contractor shall provide all parts of the Works to be completed in every respect for commercial operation. Notwithstanding that any details, accessories, etc., required for the complete execution of the Work, are not specifically mentioned in the Schedule of Rates and Prices, Employer’s Requirements, such details shall be considered as included in the Bid Price. All charges for the supply of goods, materials, accessories or work not specifically mentioned herein but necessary for the completion and execution of the Works shall be deemed to have been included in the quoted Rates/Prices.

Appendix-E to Bid

Proposed Construction Schedule

The Bidder shall set out a work program for design and construction of the Works, including identification of major milestones and critical path. The proposed work program shall be developed based on the Employer's Requirements and shall include the:

- (a) design of the Works, including the submission of the design deliverables, review and approval of the design by the Employer;
- (b) processes and deliverables needed to commence the Works;
- (c) execution of the Works within the Time for Completion, highlighting activities imposing constraints on the construction sequence;
- (d) testing, commissioning and handing over of the completed Works;
- (e) Schedule in the bar chart.

Description

Time for Completion

- Whole Works

90 days

Sections:

- Design, Supply, installation of all tanks complete in all respects

90 days

Appendix-F to Bid

Method of Performing the Work

Design Methodology

The Bidder shall submit a design methodology which addresses as a minimum the following:

- (a) organizational arrangements for the design
- (b) Proposed design deliverables
- (c) design statement setting out how the Employer's Requirements will be achieved;
- (d) Any added value the Bidder will bring including examples of innovative aspects of the design; and
- (e) comments on the Employer's Requirements, including:
 - i. status of the information available and relevant design issues for the Works; and
 - ii. comments on any errors, defects or ambiguities noted in the Employer's Requirements.

The design methodology submission shall comprise no more than 05 sides of A4 text

Construction Methodology

The Bidder shall provide its method statements for addressing the risks and carrying out the construction activities. Each method statement shall describe the proposed approach, the level of staffing and experience, the safe system of work, and the equipment or materials to be used to manage risk or activity in accordance with the Employer's Requirements.

The Construction Methodology shall comprise no more than 05 sides of A4 text.

Appendix-G to Bid
List of Major Equipment – Related Items

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

LIST OF MAJOR EQUIPMENT

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

Appendix-G to Bid

Equipment:

The Bidder must demonstrate that it has the key equipment listed hereafter:

No.	PLANT/EQUIPMENT				
	Equipment Type and Characteristics	Total Nos. available	Under Utilization on other projects, if applicable	Nos. waiting to be shifted to new project(s)	Min. Number Required for this Project
1					
2					
3					
4					
5					
6					

Appendix-H to Bid
Construction Camp and Housing Facilities

The Contractor in accordance with Conditions of Contract shall provide description of his construction camp's facilities.

Appendix-I to Bid
List of Subcontractors

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

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

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

Appendix-J to Bid
Estimated Progress Payments

Bidder's estimate of the value of work which would be executed by him during each of the periods stated below, based on his Programme of the Works and the Schedule of Rates & Prices, expressed in thousands of Pakistani Rupees:

Quarter/ Year/ Period	Amounts (Million PKR.)
1	2
1st Month	
2nd Month	
3rd Month	
Bid Price	

Appendix-K to Bid
Organization Chart for The Supervisory Staff and Labour

The Bidder to provide details of the required key personnel specified in Appendix-N using the following forms:

Form PER – 1: Proposed Personnel

Bidder should provide the details of the proposed personnel and their experience record in the relevant Information Forms below for each candidate:

1.	Project Manager/ Site Engineer
	Name
2.	Designer (Aquarium)
	Name

Form PER – 2: Resume of Proposed Personnel

The Bidder shall provide all the information requested below. Use one form for each position.

Position		
Personnel information	Name	Date of birth
	Professional qualifications	
Present employment	Name of employer	
	Address of employer	
	Telephone	Contact (manager / personnel officer)
	Fax	E-mail
	Job title	Years with present employer

Summarize professional experience in reverse chronological order. Indicate particular technical and managerial experience relevant to the present project.

From	To	Company/Project/Position/Relevant Management Experience	Technical	and

**Appendix-L to Bid
Integrity Pact**

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

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

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

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

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

Name of Employer:

Name of Contractor:

Signature:

Signature:

[Seal]

[Seal]

Appendix-M to Bid

Financial Competence and Access to Financial Resources

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

1. SOUNDNESS AND ACCESS TO FINANCIAL RESOURCES:

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

[5 x working capital + General lines of credit– 40% of current contract commitments]
≥ **PKR 98 Million/-).**

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

**Any line of credit indicated for this (tendered) project needs to have been certified by the Bank and the said certificate is enclosed with this Appendix.*

2. AVERAGE ANNUAL CONSTRUCTION TURNOVER

Criteria	Bidders’ to list their certified yearly turnover for last three years
Minimum average annual turnover of Pak Rupees 98 Million Calculated as total certified payments received for contracts in progress or completed, within the last Three years.	

Note:- In case of JV, all Partners combined shall be evaluated against the criteria requirement of SOUNDNESS AND ACCESS TO FINANCIAL RESOURCES and AVERAGE ANNUAL CONSTRUCTION TURNOVER .

Appendix-N to Bid
Past Performance, Current Commitment, Qualification and Experience

(e) **Eligibility Criteria & Requirements:**

Sr. No	Criteria	Requirement	Compliance Requirement				Documentation Submission Requirements
			Single Entity	Joint Venture			
				All Members Combined	Each Member	One Member	
1	PEC Registration	Registration with Pakistan Engineering Council in Category C-4 or above with specialized codes in CE10	Must meet requirement	Must meet requirement	N/A	Lead Member must be registered with PEC in Category C-4 or above with specialized codes in CE10 In case of JV with foreign Firm, the local firm must meet the criteria requirement.	PEC Valid Registration License/Certificate
2	Non-Blacklisting	The bidder must not be blacklisted by the procuring agency	Must meet requirement	Must meet requirement	Must meet requirement	Must meet requirement	Affidavit on Non-Judicial Stamp Paper against non-blacklisting
3	Company/ Firm Registration	Incorporation with Security and Exchange Commission of Pakistan or Registrar of Firms as the case may be [NTN Verification along with requisite Affidavit of sole-proprietorship in case of Sole-Proprietor.]	Must meet requirement	Must meet requirement	Must meet requirement	Must meet requirement	Certificate from SECP/ Registrar of Firms/ NTN Verification along with requisite affidavit
4	Registration	Registration and active status	Must meet	Must meet	Must meet	Must meet requirement	Certificate and current

Sr. No	Criteria	Requirement	Compliance Requirement				Documentation Submission Requirements
			Single Entity	Joint Venture			
				All Members Combined	Each Member	One Member	
	with Tax Authorities	with Tax Authorities in Pakistan	requirement	requirement	requirement		status from Tax Authorities
5	Conflict of Interest	No conflict of Interest as per Bidding Documents	Must meet requirement	Must meet requirement	Must meet requirement	Must meet requirement	Affidavit on Non-Judicial Stamp Paper/ firm letterhead against no conflict of interest
6	One Bidder per Bid	Each Bidder shall submit only one Bid either by himself, or as a partner in a joint venture.	Must meet requirement	Must meet requirement	Must meet requirement	Must meet requirement	
7	Eligible Country	Foreign firm participating in the JV shall have the nationality of an eligible country	N/A	N/A	N/A	Foreign firm participating in the JV must meet requirement	Completed attached Form for Bidder Information

The Bidder must meet the Eligibility Criteria & Requirement to be declared responsive.

Form for Bidder Information

All individual firms and each partner of a joint venture submitting the bids are required to complete the information in following form. Nationality information is also to be provided for foreign firms who are forming part of the Joint Ventures as required under the PEC Bye-Laws as a Joint Venture.

1	Name of Firm
2	Head Office Address

3	Telephone	Contact Person: Name: Title:
4	Fax	Telex
5	Place of incorporation/Registration	Year of incorporation/ registration

(f) Detailed Qualification Criteria & Requirements

The Bidders to be substantially responsive must score at least 65 marks overall and minimum 60 % score in each category as specified below:

Sr. No.	Category	Weightage/Marks	Minimum Required Score
1.	Contracts of Similar Nature and Complexity	40	24
2.	Contracts for supply of fish/ life related to aquarium/development of aquarium	10	06
3.	Personnel Capabilities	20	12
4.	Equipment Capabilities	10	06
5.	Approach & Methodology	20	12
Total:		100	65

Note: The qualifications of other firms such as the bidder's subsidiaries, parent entities, affiliates or subcontractors shall not be permitted

(g) Contracts of Similar Nature and Complexity (Total 40 Marks)

Credit Marks for working experience shall be awarded on the basis of following qualifications:

Sr. No.	Criteria	Requirement	Maximum Points	Documentation Submission Requirements
1	Contracts of Similar Nature and Complexity	<p>Successfully executed contracts, completed after January 01, 2010, each involving component of construction of aquarium facility or glass water retaining structures of 500 gallon capacity or above.</p> <p>Note: In case the bidder is a Joint Venture, the working experience of all Partners combined shall be evaluated.</p>	<p>20 marks for two successfully executed contracts</p> <p>12 marks for one successfully executed contract</p>	<p>Completed attached Form for Contracts of Similar Nature and Complexity.</p> <p>The bidder must submit Project Award Letter, Work Orders or Contract Agreement & Completion Certificates and other documents necessary for confirming scope of works.</p>
		<p>Completed design contracts, of successfully executed projects, completed after January 01, 2010 involving design component of ornamental fish Aquarium facility of 500 gallon capacity or above.</p> <p>Note:</p> <ul style="list-style-type: none"> • In case the bidder is a Joint Venture, the working experience of all Partners combined shall be evaluated. • The design is specialized work for which the Procuring Agency permit Specialized Subcontractor to be proposed by the Bidder. Therefore, this criteria requirement may be complied by a single Specialized Subcontractor. 	<p>20 marks for two successfully executed contracts</p> <p>12 marks for one successfully executed contract</p>	<p>The bidder must submit joint venture agreement in case of projects completed as a partner of joint venture clearly showing scope of works and percentage share of all partners of joint venture. To comply with the criteria, the share of bidder under the joint venture for similar works must be equal or exceeding the qualification criteria and requirement.</p>
Sub-total:			40 marks	

(h) Contracts for supply of fish (Total 10 Marks)

Sr. No.	Criteria	Requirement	Maximum Points	Documentation Submission Requirements
1	Contracts for supply of fish/life related to aquarium/ development of aquarium	Experience of successfully performed supply contracts of ornamental Fish/ life related to aquarium/ development of aquarium of aggregate value of PKR 25 Million with effect from January 01, 2010 . Note: For this Criteria requirement, the Procuring Agency permits Specialized Subcontractor, in case the Bidder does not have the relevant experience.	10 marks for single contract of value of PKR 25 Million 06 marks for two or more contracts with aggregate value of PKR 25 Million No marks for aggregate value less than PKR 25 Million	Completion Certificates from the Clients or other documentary evidence evidencing the supply
Sub-total:			10 marks	

(i) Personnel Capabilities (Total 20 Marks)

Sr. No.	Personnel	Required Number	Maximum Marks	Criteria for Evaluation	Documentation Submission Requirements
1	Project Manager/ Site Engineer <ul style="list-style-type: none"> • BSc Civil Engineering • registration with PEC as Professional Engineer • At least 05 years of construction experience 	01	10 marks	No marks will be awarded for personnel not fully meeting any of the corresponding	Details of each personnel to be provided on specified format under Appendix-K of the Bidding Documents

Sr. No.	Personnel	Required Number	Maximum Marks	Criteria for Evaluation	Documentation Submission Requirements
2	Designer (Aquarium) BSc Architecture or engineering or relevant <ul style="list-style-type: none"> at least two assignments for design of ornamental fish Aquarium of 500 gallon capacity 	01	10 marks	criteria requirement.	
Sub-total:			20 marks		
Note; <ul style="list-style-type: none"> In case the bidder is a Joint Venture, the personnel capabilities of all members combined shall be evaluated. 					

(j) **Equipment Capabilities (Total 10 Marks)**

Credit Marks shall be granted on the basis of the following criteria for various kinds of equipment relevant to the Contract.

Sr. No.	Equipment Type and Characteristics	Equipment Available	Maximum Marks	Criteria for Evaluation	Documentation Submission Requirements
1.	Concrete mixers	01	04	Marks for an equipment type shall be pro-rated	Details of each equipment to be provided on specified format under Appendix-G of the Bidding Documents Documentary evidence of ownership, lease agreement or rental agreement of the corresponding equipment.
2.	Formwork (5000 sq feet)	01	02		
3.	Tractor Trolley	01	04		
Sub-Total:			10 marks		
Note;					

Sr. No.	Equipment Type and Characteristics	Equipment Available	Maximum Marks	Criteria for Evaluation	Documentation Submission Requirements
	<ul style="list-style-type: none"> In case the bidder is a Joint Venture, the equipment capabilities of all members combined shall be evaluated. 				

(k) Approach & Methodology (Total 20 Marks)

Sr. No.	Evaluation Item and Criteria	Maximum Points	Criteria for Evaluation	Documentation Submission Requirements
1	Design Methodology	10	<ul style="list-style-type: none"> Full marks for comprehensive information 50 % marks for partial information No marks for no or unclear information 	Design Methodology as per Appendix-F [Method of Performing the Work]
2	Construction Methodology	5		Method Statement as per Appendix-F [Method of Performing the Work]
3	Proposed Construction Schedule	5		Proposed Construction Schedule as per Appendix-E [Proposed Construction Schedule]
Sub-total:			20 marks	

The Bidder must meet the Qualification Criteria & Requirement to be declared responsive.

Form for Contracts of Similar Nature and Complexity

Name of Bidder or partner of a joint venture

Use a separate sheet for each contract.

1	Name of Contract
	Country
2	Name of Employer
3	Employer Address -----
4	Nature of works and special features relevant to the contract -----
5	Contract Role (Tick One) (a) Sole Contractor (b) Sub- Contractor (c) Partner in a Joint Venture
6	Value of the total contract (in specified currencies) at completion, for current contract Currency..... Currency..... Currency.....
7	Contract cost at completion in Pak/Rs.....
8	Date of Award.....
9	Date of Completion.....
10	Contract Duration (Years and Months) _____ Years _____ Months
11	Specified Requirements----- _____

Form for Annual Construction Turnover

Annual Construction Turnover		
Year	Turnover (in actual currency)	Equivalent Rupees in Million.
2023-2022		
2022-2021		
2021-2020		

Note: In case of Joint Venture, each member shall provide separate form.

Form for Current Commitment

Present Commitment								
Sr No.	Name of ongoing project(s)	Name of Employer	Date of		Progress		Remarks regarding delays if applicable	Satisfactory performance certificate from employer (Minimum requirement)
			Start	Completion	%Age as planned	%Age at actual		
1.								
2.								
3.								
4.								
5.								
6.								

Note: In case of Joint Venture, each member shall provide separate form.

FORMS

BID SECURITY

PERFORMANCE SECURITY

CONTRACT AGREEMENT

MOBILIZATION ADVANCE GUARANTEE/BOND

AND

INDEMNITY BOND FOR SECURED ADVANCE

**BID SECURITY
(Bank Guarantee)**

Security Executed on _____
(Date)

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

Name of Principal (Bidder) with Address _____

Penal Sum of Security Rupees . _____(Rs. _____)

Bid Reference No. _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bid and at the request of the said Principal (Bidder) we, the Surety above named, are held and firmly bound unto _____

(hereinafter called the 'Employer') in the sum stated above for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Bidder has submitted the accompanying Bid dated _____ for Bid No. _____ for _____(Particulars of Bid) to the said Employer; and

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

- (l) that the Bid Security shall remain in force up to and including the date 30 days after the deadline for validity of bids as stated in the Instructions to Bidders or as it may be extended by the Employer, notice of which extension(s) to the Surety is hereby waived;
- (m) that the Bid Security of unsuccessful Bidders will be returned by the Employer after expiry of its validity or upon signing of the Contract Agreement; and
- (n) that in the event of failure of the successful Bidder to execute the proposed Contract Agreement for such work and furnish the required Performance Security, the entire said sum be paid immediately to the said Employer pursuant to Clause 15.6 of the Instruction to Bidders for the successful Bidder's failure to perform.

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

PROVIDED THAT the Surety shall forthwith pay the Employer, the said sum upon first written demand of the Employer (without cavil or argument) and without requiring the Employer to prove or to show grounds or reasons for such demand, notice of which shall be

sent by the Employer by registered post duly addressed to the Surety at its address given above.

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

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

SURETY (Bank)

WITNESS:

Signature _____

(o) Name _____

Title _____

Corporate Secretary (Seal)

Corporate Guarantor (Seal)

2. _____

Name, Title & Address

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

No. _____ Guarantee
_____ Executed on
_____ Expiry date

[Letter by the Guarantor to the Employer]

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

Name of Principal (Contractor) with address: _____
Penal Sum of Security (express in words and figures) _____

Letter of Acceptance No. _____ Dated _____

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

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

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

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

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

the Contract which payment will be effected by the Guarantor to Employer's designated Bank & Account Number.

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

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

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

FORM OF CONTRACT AGREEMENT

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

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

NOW this Agreement witnesseth as follows:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda / Clarification as agreed or otherwise, if any, except those parts relating to Instructions to Bidders shall be deemed to form and be read and construed as part of this Contract, viz:
 - (a) The Contract Agreement;
 - (b) The Letter of Acceptance;
 - € The completed Form of Bid (Technical & Financial);
 - (d) Special Stipulations (Appendix-A to Bid);
 - € The Special/Particular Conditions of Contract – Part II;
 - (f) The General Conditions – Part I;
 - (g) The Employer's Requirements;
 - (h) The completed Bid;
 - (i) The Joint Venture Agreement (if applicable)
- (q) In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy defects therein in conformity and in all respects with the provisions of the Contract.
- (r) The Employer hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

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

Signature of the Contactor

Signature of Employer

(Seal)

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

(Name, Title and Address)

Witness:

(Name, Title and Address)

MOBILIZATION ADVANCE GUARANTEE
(Unconditional Bank Guarantee)

Guarantee No. _____ Date _____

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

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

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

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

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

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

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

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

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

GUARANTOR

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

WITNESS

(s) _____
Corporate Secretary (Seal)

2. _____
(Name Title & Address)

Corporate Guarantor(Seal)

**INDEMNITY BOND
FOR SECURED ADVANCE
AGAINST MATERIALS BROUGHT AT SITE**

Not Applicable

CONDITIONS OF CONTRACT

PART I: GENERAL CONDITIONS

FIDIC (Silver Book)

© FIDIC 1999. All rights reserved.

The Conditions of Contract are the “General Conditions” which form part of the “Conditions of Contract for EPC/Turnkey Projects (“Silver book”) First edition 1999” published by the Federation Internationale Des Ingenieurs – Conseils (FIDIC).

(To be procured by the Contractor)

An original copy of the above FIDIC publication i.e. “*Conditions of Contract for EPC/Turnkey Projects*” must be obtained from FIDIC by the Contractor.

International Federation of Consulting Engineers (FIDIC)

FIDIC Bookshop – Box- 311 – CH – 1215 Geneva 15 Switzerland

Fax: +41 22 799 49 054

Telephone: +41 22 799 49 01

E-mail: fidic@fidic.org

PART II: PARTICULAR CONDITIONS OF CONTRACT

These Particular Conditions of Contract – Part II, are additions, deletions and amendments to General Conditions of Contract, Part I. Sub-Clause numbers, if similar as of Part I, are amendments therein otherwise these are additional Clauses or Sub-Clauses thereto. Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

Conditions	Sub-Clause	Data
Contract	1.1.1.1	Wherever referred in these Conditions of Contract the term “Contract” shall mean these Conditions of Contract (Parts I and II), the Employer Requirement, the Schedule of Rates, the Tender, the Letter of Acceptance, the Contract Agreement and such further documents as may be expressly incorporated in the Letter of Acceptance or Contract Agreement for the Works.
Tender	1.1.1.4	The word “Tender” is synonymous with “Bid”
Letter of Acceptance	1.1.1.6	Following new definition is added: <i>“Letter of Acceptance” means the written notification by the Employer to the Contractor that his Tender has been accepted. This letter shall name the sum which the Employer will pay the Contractor in consideration of the execution and completion of the Works under EPC framework including remedying any defects therein by the Contractor as prescribed by the Contract.</i>
Employer’s name and address	1.1.2.2 & 1.3	Wildlife & Parks, Punjab, Forestry, Wildlife & Fisheries Department, Government of the Punjab, Pakistan Address: 2 Sanda Road Lahore
Employer’s Representative name and address	1.1.2.4 & 1.3	Engineering Consultancy Services Punjab Pvt. Ltd.-II, 83-A/E/1, Main Boulevard, Gulberg III, Lahore, Pakistan.
Time for Completion	1.1.3.3	90 Days
Defects Notification Period	1.1.3.7	365 days.
Goods	1.1.5.2	Goods shall further include fish to be supplied under the Contract
Sections	1.1.5.6	Refer to table below
Contract Price	1.1.4.1	<i>“Contract Price” means the sum stated in the Letter of Acceptance as payable to</i>

Conditions	Sub-Clause	Data
		<i>the Contractor for the design, execution and completion of the Works and remedying of any defects therein and include adjustments (if any) in accordance with the provisions of the Contract.</i>
Base Date	1.1.3.1	<i>“means the date of opening of the bids”</i>
Cost	1.1.4.2	Wherever the Contract refer to “Cost” to be paid by the Employer to the Contractor, such Cost shall be nil unless it constitute Variation under the Contract.
PPR-2014	1.1.6.9	Following new definition is added: <i>“PPR-2014” means the Punjab Procurement Rules 2014 (amended from time to time) made by Punjab Procurement Regulatory Authority.</i>
Interpretation	1.2	At the end of Sub-Clause 1.2, insert the following: <i>“In these Conditions, provisions including the expression “Cost plus reasonable profit” require this profit to be Nil.”</i>
Contract Agreement	1.6	The sub-clause is deleted in its entirety and replaced with following: <i>“The costs of stamp duties and similar charges (if any) imposed by law in connection with entry into the Contract Agreement shall be borne by the Contractor.”</i>
Electronic systems for communications	1.3(a)	The Communication System by Electronic Transmission System is not allowed.
Governing Law	1.4	Law of Islamic Republic of Pakistan
Ruling language	1.4	English
Language for communications	1.4	English
Priority of Documents	1.5	The documents listed at (a) to € of the Sub-Clause are deleted and substituted with the following: a) the Contract Agreement; b) the Letter of Acceptance; c) the completed Letters to Bid; d) the Particular Conditions; e) the General Conditions; f) the Employers Requirement; g) the Tender and other documents forming part of the Contract.

Conditions	Sub-Clause	Data
Integrity Pact	1.15	<p>Following new sub-clause 1.15 is added:</p> <p>If the Contractor is found to have violated or involved in violation of the Integrity Pact signed by the Contractor as Appendix-L to his Bid, then the Employer shall be entitled to:</p> <ul style="list-style-type: none"> 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; b) terminate the Contract pursuant to sub-clause 15.2(f); 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.
Time for possession of the Site	2.1	The possession of site and right of access thereto shall be given to the Contractor by the Employer in accordance with the applicable programme of the Works.
Performance Security	4.2	In sub-clause 4.2, first sentence of para 2 is deleted and replaced with following: <i>"The Contractor shall deliver the Performance Security to the Employer within 14 days after issuance of Letter of Acceptance."</i>
Performance Security	4.2	The performance security shall in the amount(s) of Ten percent (10%) of the Accepted Contract Amount in Pak Rupees. Such Security shall be in the form acceptable to the Employer of either (a) unconditional, irrevocable Bank Guarantee from any Scheduled Bank of Pakistan acceptable to the Employer or (b) unconditional, irrevocable Bank Guarantee from a bank located outside Pakistan duly counter – guaranteed by a Scheduled Bank of Pakistan, or (c) CDR or Demand Draft from a scheduled Bank in Pakistan to the Employer
Normal working hours	6.5	The Contractor shall have the option to work round the clock and on locally

Conditions	Sub-Clause	Data
		recognized days of rest in accordance with the prevalent Government of Punjab Labour Laws
Health and Safety	6.7	Following paragraph is added at the end of sub-clause 6.7: <i>“In the event of any outbreak of illness of an epidemic nature, the Contractor shall comply with and carry out such regulations, orders and requirements as may be made by the Government, or the local medical or sanitary authorities, for purpose of dealing with and overcoming the same.”</i>
Indemnification of Employer	6.12	Following new sub-clause 6.12 is added: <i>“The Contractor shall follow strictly, all relevant labour laws including the Workmen’s Compensation Act and the Employer shall be fully indemnified for all claims, damages etc. arising out of any dispute between the Contractor and the labour employed by them.”</i>
Delay damages	8.7 & 14.15(b)	As stated in below table for Delay damages for Section
Maximum amount of delay damages	8.7	Ten percent (10%) of the final Contract Price.
Adjustments for changes in cost	13.8	The prices shall be fixed during the Contractor’s performance of the contract and not subject to adjustment on any account under sub-clause 13.8.
Provisional Sums	13.5 (b)(ii)	Ten Percent (10%)
Total advance payment	14.2	Fifteen Percent (15%) of the Accepted Contract Amount payable in Pak Rupees
Repayment amortization rate of advance payment	14.2(d)	25 %
Percentage of Retention	14.3©	Ten percent (10%) from Interim Payment Certificates
Limit of Retention Money	14.3©	Five percent (5%) of the Accepted Contract Amount
Schedule of Payments	14.4	Refer to attachment below:

Conditions	Sub-Clause	Data
Delayed Payment	14.8	The sub-clause 14.8 is deleted in its entirety and replaced with following: <i>“The Contractor shall not be entitled for any financing charges in case the Contractor does not receive payment in accordance with Sub-Clause 14.7 [Timing of Payment].”</i>
Income Tax Deduction	14.16	The following new sub-clause 14.16 is added: <i>“All payments (gross) as payable to the Contractor will be subject to withholding tax / advance tax at prescribed rate, at the time of payment. The deduction of advance income tax from the gross payable amounts shall be made in accordance with prevalent income tax laws of the Government of Pakistan.</i> <i>These deductions shall be deposited in the Government Treasury by the Employer to the account of the Contractor within prescribed period.</i> <i>The Employer shall within 28 days of making any such deduction provide to the Contractor a certificate of tax deducted & deposit into the Government Treasury.”</i>
Termination by Employer	15.2	In sub-clause 15.2, following is added at the beginning of sub-para (f): <i>(f) is found to have violated or involved in violation of the Integrity Pact signed by the Contractor as Appendix-L to his Tender or</i> In sub-clause 15.2, para 2 is deleted and replaced with following: <i>“In any of these events or circumstances, the Employer may, upon giving 14 days’ notice to the Contractor, terminate the Contract and expel the Contractor from the Site. However, in the case of sub-paragraph (d), © or (f), the Employer may by notice terminate the Contract immediately.”</i>
Maximum total liability of the Contractor to the Employer	17.6	The product of 1.15 times the Accepted Contract Amount

Conditions	Sub-Clause	Data
General Requirement of Insurances	18.1	The following is added at the end of sub-clause 18.1: <i>“The insurances referred to in Sub-Clauses 18.2, 18.3 and 18.4 shall be placed with either Government’s State Life Insurance Company or National Insurance Company of Pakistan or any other insurance company enjoying minimum rating “AA” operating in Pakistan acceptable to the Employer.”</i>
Periods for submission of insurance: a. evidence of insurance. b. relevant policies	18.1	14 days 28 days
Maximum amount of deductibles for insurance of the Employer’s risks	18.2(d)	PKR 500,000/- only
Minimum amount of third party insurance	18.3	Pak Rupees 5 Million per occurrence with the number of occurrences unlimited.
The DAB shall be comprised of	20.2	One Sole Member
List of potential DAB sole members	20.2	None
Failure to agree Dispute Adjudication Board	20.3	Pakistan Engineering Council
Arbitration	20.6	Para 1 of sub-clause 20.6 is deleted and replaced with following: <i>“Unless settled amicably, any dispute in respect of which the DAB’s decision (if any) has not become final and binding shall be finally settled by arbitration. Unless otherwise agreed by both Parties: (a) the dispute shall be finally settled under the Arbitration Act 1940, (b) the dispute shall be settled by sole arbitrator appointed with consent of both Parties, © the arbitration shall be conducted in the language for communications defined in Sub-Clause 1.4 [Law and Language], and (d) the arbitration shall take place in Lahore and the courts in Lahore shall have exclusive jurisdiction in this regard.”</i>

Sub-Clause 1.1.5.6 [Section]

Description of parts of the Works that shall be designated a Section for the purposes of the Contract (Sub-Clause 1.1.5.6)	Value: Percentage of Contract Price (Sub-Clause 14.9)	Time for Completion (Sub-Clause 1.1.3.3)	Delay Damages (Sub-Clause 8.7)
Design, Supply, installation of all tanks complete in all respects	N/A	Within 90 days from the Commencement Date of the Works.	Delay damages @ 0.1 % of the Activity Price for design, Supply, installation of all tanks complete in all respects (stated in Schedule of Rates & Prices) per day

Sub-Clause 14.4 [Schedule of Payments]

Activity No.	Description of Activity	Payment Percentage
1.	Completion of Design Services in all respects	100 % of Design Fee
2.	Supply, Installation and Commissioning of Marine Tank(s) With Sump including lighting and finishing, complete in all respects	100 % on complete Supply, Installation and Commissioning of Marine Tanks With Sump including lighting and finishing, complete in all respects
3.	Supply, Installation and Commissioning of Freshwater Tank(s) With Sump including lighting and finishing, complete in all respects	100 % on complete Supply, Installation and Commissioning of Freshwater Tanks With Sump including lighting and finishing, complete in all respects
4.	Supply, Installation and Commissioning of Marine Reef Tank(s) With Sump including lighting and finishing, complete in all respects	100 % on complete Supply, Installation and Commissioning of Marine Reef Tanks With Sump including lighting and finishing, complete in all respects
5.	Supply, Installation and Commissioning of Marine Tank(s) for Angels Fish With Sump including lighting and finishing, complete in all respects	100 % on complete Supply, Installation and Commissioning of Marine Tank for Angels Fish With Sump including lighting and finishing, complete in all respects
6.	Supply, Installation and Commissioning of Main Marine Shark Tank(s) With Sump including lighting and finishing, complete in all respects	100 % on complete Supply, Installation and Commissioning of Main Marine Tank With Sump including lighting and finishing, complete in all respects
7.	Supply, Installation and Commissioning of JellyFish Tank(s) including lighting and finishing, complete in all respects	100 % on complete Supply, Installation and Commissioning of JellyFish tank including lighting and finishing, complete in all respects
8.	Supply, Installation and	100 % on complete Supply, Installation and

	Commissioning of Fish Quarantine tank(s) including lighting and finishing, complete in all respects	Commissioning of Fish Quarantine tank including lighting and finishing, complete in all respects
9.	Supply, Installation and Commissioning of Shark Quarantine Tank(s) including lighting and finishing, complete in all respects	100 % on complete Supply, Installation and Commissioning of Shark Quarantine Tank including lighting and finishing, complete in all respects
11.	Renovation & finishing works	100 % on completion of renovation & completion works in all respects
Total Bid Price		

EMPLOYER'S REQUIREMENTS -

Refer Volume 2 of Bidding Documents for Employer's Requirements

1. Details Of Tanks (Estimated Cost =32.000 million)

Sr.#	Name Of Tank	Size	Quantity	Description
1	Marine Tanks With Sump	Length 60" X Depth 30" x Height 36"	06	Tank Glass Imported 19mm Tempered
				Tank Frame: MS Angle frame for tank for upper and bottom side,angle 1.5" x 1.5" and 5mm Thickness,Glavenised and Powder Coated
				Overflow Box glass 12mm and CNC Cut Acrylic 5mm
				Sump 12mm Glass, Acrylic Neck for Pocket Socks, Imported Filter Socks
				Plumbing 80 Schedule PVC
				Tank Stand:MS Angle 1.5" x 1.5" and 5mm Thickness,Glavenised and Powder Coated
2	Freshwater Tanks With Sump	Length 60" X Depth 30" x Height 36"	03	Tank Glass Imported 19mm Tempered
				Tank Frame: MS Angle frame for tank for upper and bottom side,angle 1.5" x 1.5" and 5mm Thickness,Glavenised and Powder Coated
				Overflow Box glass 12mm and CNC Cut Acrylic 5mm
				Sump 12mm Glass, Acrylic Neck for Pocket Socks, Imported Filter Socks
				Plumbing 80 Schedule PVC
3	Marine Reef Tanks With Sump	Length 108" X Depth 30" x Height 36"	02	Tank Glass Imported 19mm Tempered

				<p>Tank Frame: MS Angle frame for tank for upper and bottom side,angle 1.5" x 1.5" and 5mm Thickness,Glavenised and Powder Coated</p> <p>Overflow Box glass 12mm and CNC Cut Acrylic 5mm</p> <p>Sump 19mm Glass, Acrylic Neck for Pocket Socks, Imported Filter Socks</p> <p>Plumbing 80 Schedule PVC</p> <p>Tank Stand:MS Angle 1.5" x 1.5" and 5mm Thickness,Glavenised and Powder Coated</p>
4	Marine Tank for Angels Fish With Sump	Length 96" X Depth 30" x Height 36"	01	<p>Tank Glass Imported 19mm Tempered</p> <p>Tank Frame: MS Angle frame for tank for upper and bottom side,angle 1.5" x 1.5" and 5mm Thickness,Glavenised and Powder Coated</p> <p>Overflow Box glass 12mm and CNC Cut Acrylic 5mm</p> <p>Sump 19mm Glass, Acrylic Neck for Pocket Socks, Imported Filter Socks</p> <p>Plumbing 80 Schedule PVC</p> <p>Tank Stand:MS Angle 1.5" x 1.5" and 5mm Thickness,Glavenised and Powder Coated</p>
5	Main Marine Tank With Sump	Length 24' X Depth 60" x Height 60"	01	<p>Tank Glass Imported: 19mm Glass+2.25 PVB Film+19mm</p> <p>Tank Frame: MS Angle frame for tank for upper and bottom side,angle 3.5" x 3.5" and 8mm Thickness,Glavenised and Powder Coated</p>

				Overflow Box glass 19mm and CNC Cut Acrylic 5mm Sump 19mm Glass, Acrylic Neck for Pocket Socks, Imported Filter Socks Plumbing 80 Schedule PVC Tank Stand:MS Angle 3.5" x 3.5" and 8mm Thickness,Glavenised and Powder Coated
6	JellyFish tank	Length 84" X Depth 18" x Height 24"	01	Tank Glass 12mm Imported Overflow Box glass 12mm and CNC Cut Acrylic 5mm Sump 12mm Glass, Acrylic Neck for Pocket Socks, Imported Filter Socks Plumbing 80 Schedule PVC Tank Stand:MS Angle 1.5" x 1.5" and 5mm Thickness,Glavenised and Powder Coated
7	Fish Quarantine Tank	Length 60" X Depth 18" x Height 18"	06	Tank Glass 12mm Imported Overflow Box glass 12mm and CNC Cut Acrylic 5mm Sump 12mm Glass, Acrylic Neck for Pocket Socks, Imported Filter Socks Plumbing 80 Schedule PVC Tank Stand:MS Angle 1.5" x 1.5" and 5mm Thickness,Glavenised and Powder Coated
8	Shark Quarantine Tank	Length 120" X Depth 36" x Height 24"	01	Tank Glass 19mm Imported Overflow Box glass 12mm and CNC Cut Acrylic 5mm Sump 12mm Glass, Acrylic Neck for Pocket Socks, Imported Filter Socks Plumbing 80 Schedule PVC

				Tank Stand:MS Angle 1.5" x 1.5" and 5mm Thickness,Glavenised and Powder Coated
--	--	--	--	-----------------------------------------------------------------------------------------

2. Details of Equipments (Estimated cost = 51.000 million)

<u>Sr.#</u>	<u>Name</u>	<u>Make</u>	<u>Unit</u>	<u>Quantity</u>	<u>Description</u>
1	Live Rocks	Local	Kgs	1450	Natural rocks source from Ocean. The Term "Live" refers to the diverse community of bacteria, algae and small invertebrates present on the rocks, helping maintain water quality by aiding in the nitrogen cycle.
2	Sea Sand	Imported	Kgs	1250	Philippine white sea sand
3	OCTO Sro 3000 skimmer	Imported	No.	08	Brand: Reef Octopus, Model : SRO 3000 Skimmer, Warranty 2year
4	OCTO Sro 5000 skimmer	Imported	No.	1	Brand: Reef Octopus, Model : SRO 5000 Skimmer, Warranty: 2 Years
5	OCTO Sro 6000 skimmer	Imported	No.	2	Brand: Reef Octopus, Model : SRO 6000 Skimmer, Warranty 2years
6	OCTO Sro 9000EXT Skimmer	Imported	No.	2	Brand: Reef Octopus, Model : SRO 9000EXT Skimmer, Warranty 2years
7	Octo HY-16000S Skimmer Feed Pump	Imported	No.	3	Brand: Reef Octopus, Model : OCTO HY-16000S Pump, Warranty 2years
8	Jebao MCP 120 Wavemaker	Imported	No.	12	Brand: Jebao ,Model: Mcp 120, Type: Wavemaker
9	Maxspect Gyre 350CE Double package	Imported	No.	3	Brand: Maxspect ,Model: Gyre 350 Cloud Edition, Type: Wavemaker, 2pump ,1 Controller, Warranty 1 Year

Sr.#	Name	Make	Unit	Quantity	Description
10	Maxspect Gyre Pro XFP 1400	Imported	No.	1	Brand: Maxspect ,Model: Gyre Pro XFP 1400 , Type: Wavemaker, Warranty 1 year
11	Maxspect RX 300 Led	Imported	No.	6	Brand: Maxspect ,Model: RX 300 LED , Type: LED,Wifi,Built in Timer, Warranty 1 year
12	Reef Led 160S	Imported	No.	10	Brand: RedSea ,Model: Reef LED 160-S , Type: LED,Wifi,Built in Timer, Warranty 1 year,With ARMS
13	Maxspect Flood Light F600W, 20000k, Slim, 90 Degree	Imported	No.	2	Brand: Maxspect ,Model: F 500 , Type: LED,Wifi,Built in Timer, Warranty 1 year
14	Maxspect ICV6	Imported	No.	16	Brand: Maxspect ,Model: ICV 6 , Type:Wifi Controller, Warranty 1 year
15	Tropic Marin Pro Reef Salt Bucket	Imported	No.	90	Brand: Tropic Marine ,Pro reef 25kg Bucket,Made in Germany
16	Jebao Dcp 10000 Motor	Imported	No.	34	Brand: Jebao ,DCP 10000,LPH 10000,With Controller
17	Jebao Dcp 20000 Motor	Imported	No.	14	Brand: Jebao ,DCP 20000,LPH 10000,With Controller
18	Jebao Dcp 4000 Motor	Imported	No.	3	Brand: Jebao ,DCP 4000,LPH 4000,With Controller
19	Maxspect Nano-Tech Bio Block	Imported	No.	74	Brand: Maxspect ,2 Blocks, Dimension 4"x4"x1" , Surface Area per Block 1080 m ²
20	NO3PO4X 500ml	Imported	No.	12	Brand: RedSea ,500ml Bottle,Aquarium Use

Sr.#	Name	Make	Unit	Quantity	Description
					Only
21	NO3PO4X 1000ml	Imported	No.	3	Brand: RedSea ,1000ml Bottle,Aquarium Use Only
22	Rocks Glue	Imported	No.	92	Brand: Akfix ,100ml Glue with 400ml Sprey, For Rocks Aqua Scaping
23	ReefSpec carbon 500g	Imported	No.	16	Brand: Redsea ,500G Activated Carbon, For Aquarium Use only
24	ReefSpec carbon 1000g	Imported	No.	13	Brand: Redsea ,1000G Activated Carbon, For Aquarium Use only
25	Wavereef 40w	Imported	No.	16	Brand: WaveReef ,40W T5 UV Bulb,Additional Quarts Sleeve,Automatically power adjusting as per water temperature,Around 10000 hours working, For Aquarium Use only
26	Wavereef 90w	Imported	No.	6	Brand: WaveReef ,90 W T5 UV Bulb,Additional Quarts Sleeve,Automatically power adjusting as per water temperature,Around 10000 hours working, For Aquarium Use only
27	Nitribiotic 50ml	Imported	No.	25	Brand: Tropic Marin ,50ml Live bacteria, Treat Upto 5000 Liter Water,For Aquarium Use only,made in Germany

Sr.#	Name	Make	Unit	Quantity	Description
28	Nitribiotic 500ml	Imported	No.	1	Brand: Tropic Marin ,500ml Live bacteria, Treat Upto 50,000 Liter Water,For Aquarium Use only,made in Germany
29	Weinu 1 HP Outdoor Chiller	Imported	No.	16	Brand: Weinuo,Model: WN-1BN1BFPower 1HP,Heat and cool,Temperature Range 5 to 35 Degree,Titatum Tube,
30	Weinu 5 HP Outdoor Chiller	Imported	No.	1	Brand: Weinuo,Model: WN-3BN5BF, Power 5HP,Heat and cool,Temperature Range 5 to 35 Degree,Titatum Tube,
31	Auto Top Up	Imported	No.	14	Brand : RedSea , Model: Red Sea 3 in 1Reef Ato, Water Auto top up with Temperature control Sensor
32	Auto Top Up	Imported	No.	8	Brand : RedSea , Model: FW 220, Water Auto top up with motor
33	Neptune Apex System A3 Pro	Imported	No.	3	Brand: Neptune, Model: Apex A3 Pro, Control power connections with the Energy Bar. Specifically for aquarium use, Set reminders, Track temperature and pH with included lab-grade, double-junction probes, access your tank from anywhere with Apex Fusion.

Sr.#	Name	Make	Unit	Quantity	Description
34	Neptune DOS	Imported	No.	4	Brand: Neptune, Model: DOS (Dosing & Fluid Metering System), DOS pump includes of two dosing heads, connects with Apex.
35	Octo Calcium Reactor 220 + Kaemor Doser + CO2 Cylinder	Imported	No.	1	Brand: Reef Octopus, Model: Cal Reactor 220, Kaemor Doser single With Co2 Cylinder and controller
36	Redsea ReefDos 4	Imported	No.	1	Brand: Red Sea, Model: ReefDos 4, Includes of 4 Dosing Heads
37	Ozonizer Ozac 2 200mg	Imported	No.	4	Brand: Anyle, Model: Ozac 2, Capacity 200mg
38	MS Fluid Reactor FBF 10800	Imported	No.	2	Brand: Marine Source, Model: FBF 10800, Capacity 10800 Liter
39	UPVC Under gravel filter	Local	No.	6	Pvc Pipe elbow and T, Customised design as per tank requirement
40	Air Compressor 60watt	Imported	No.	12	Brand: Hailea, Type: Air Compressor, 60W
41	Jebao LED Light	Imported	No.	6	Brand Jebao: Freshwater tank Lights
42	Power Head	Imported	No.	12	Brand RS Electric, Power Head for tank
43	Power Filter	Imported	No.	12	Brand RS Electric, Power Filter for tank, Sponges
44	Decoration	Imported	No.	6	Miscellaneous Decoration Pieces ,Customised Design
45	Accessory	Imported	No.	6	Miscellaneous Accessories, net, Scraper, Tong
46	Lights	Imported	No.	4	Customised lights design for Only Jelly fishes

Sr.#	Name	Make	Unit	Quantity	Description
47	Octo BioReact 120 with Media	Imported	No.	1	Brand: Reef Octopus, Model:BioReact 120 with Pump and media
48	Water Reverse Osmosis	Semi Imported	No.	1	Brand:Flusxtek , Model :3000 GPD Double pass,Complete Reverse Osmosis System,Water Tank 4 /500lph,Plumbng
49	Flipper Edge max	Imported	No.	25	Brand:Flipper , Model : Edge Max, 22mm
50	Amazon net	Imported	No.	25	Brand:Amazon ,Length 24 inches
51	Maxspect Coral Gripper	Imported	No.	25	Brand:Maxspect ,Length 27 inches
52	Maxspect Scrapper	Imported	No.	25	Brand:Flipper , Card scrapper, Card Replaceable
53	Magnet clip	Imported	No.	20	Brand:Two Little Fishies , Mega Seaveggie Clip
54	Feeding Ring	Imported	No.	20	Brand:Two Little Fishies , Magnet Feeding Ring

CIVIL WORKS

The estimated cost of the civil work is 5.000 million

Electrification

Estimated Cost for Solar System 20 KvA and electricity is 10.000 million

Summary of Cost

Sr No.	Item	Cost (In million)
1	Detail of Tanks	32.000
2	Detail of Equipments	51.000
4	Electrification	10.000
5	Civil work	5.000
Total		98.000

Special Conditions of the Contract:

1. In case the goods no longer meet the specified requirement/ expires before the successful delivery to the procuring agency than the replacement shall be provided by the supplier as per the specified requirements and shall be inspected by the procuring agency.
2. Inspection will be carried out by the Consultant firm and resident supervisor.
3. All the Changes in the design and specification, if required shall be vetted by the consultants. Bills along with vetted drawings (in if required, and estimation would be submitted through consultant after vetting).
4. Change of estimate, design and layout must be vetted by the consultants but such change would not be more than the prescribed limit of the Govt. or any agency authorized in this behalf.
5. Successful Tenderers will be required to execute an agreement with the Project Director, Implementation of Master Plan of Safari Zoo Lahore, Raiwind Road, Lahore on stamp paper as required vide section 22(A)(b) of schedule-I of Stamp Act 1899 within (07) days after approval of the bid as per settled terms & conditions and have to furnish the performance guarantee equal to the 10% of the bid amount in the form of Call Deposit Receipt (CDR) failing which the bid security will be forfeited.
6. Work order will be issued to the successful tenderer after approval of the Competent Authority.
7. The Performance Guarantee @ 10% of the total value of contract will be released on the satisfactory / inspection / completion report of the concerned officer/committee.

Annex

Layout

