



**MUNICIPAL CORPORATION SUKKUR
GOVERNMENT OF SINDH**

REQUEST FOR PROPOSAL (RFP) / BIDDING DOCUMENT

IN RELATION TO THE

HIRING OF A SUPPLIER/BIDDER

FOR

**SPECIAL DEVELOPMENT, ECOLOGICAL PROTECTION AND COMMUNITY
RECREATIONAL INITIATIVE THROUGH INTRODUCTION OF ECO-FRIENDLY
VESSELS, REHABILITATION AND UP-GRADATION OF THE INDUS BLIND
DOLPHIN & FRESHWATER TURTLES CARE & CONSERVATION CENTRE,
ALONG WITH PROVISION OF SEARCH & RESCUE VEHICLES FOR PROTECTED
SPECIES, AND STRENGTHENING OF ECOLOGICAL RESTORATION FOR
ACHIEVEMENT OF SDGS IN SUKKUR**

ISSUED ON: OCTOBER 2026

TENDER NOTICE / LETTER OF INVITATION & BIDDING DATA



SUKKUR MUNICIPAL CORPORATION

No: SMC/XEN/Dev/ADP/- 1954 of 2026

Sukkur Dated: 02 / 10 / 2026

(NOTICE FOR INVITING TENDER)

The Sukkur Municipal Corporation (the "Employer"), established under the Sindh Local Government Act, intends to implement an integrated ecological conservation, sustainable river transport, and community recreational initiative along the Indus River corridor in Sukkur. To achieve these objectives. The Bids are invited through "E-Pak Acquisition and Disposal System (EPADS)" on website <http://portalsindh.eprocure.gov.pk/> from local and international engineering firms, boat builders, electrical system integrators, and specialized joint ventures/consortiums for the execution of the Project.

S. No	Name of work	Cost (In Million)	Earnest Money	Tender Fee	Period
01	Special Development, Ecological Protection and Community Recreational Initiative Through Introduction of Eco-Friendly Vessels, Rehabilitation and Up-Gradation of The Indus Blind Dolphin Freshwater Turtles Care & Conservation Centre, Along with Provision of Search & Rescue Vehicles for Protected Species, And Strengthening of Ecological Restoration for Achievement of SDGs In Sukkur	495.315	5%	Rs. 5,000	2 Years

TENDER SUBMISSION DEADLINE AND OPENING PROGRAMME

	1 st Attempt	2 nd Attempt
Bidding Documents can be downloaded after hosted on SPPRA EPADS System website http://portalsindh.eprocure.gov.pk/ / Deadline for submission of E-Bids on SPPRA EPAD is	19-10-2026 @ 11:00 AM	03-11-2026 @ 11:00 AM
Opening of E-Bids in the presence of Procurement Committee / Participating Contractors / Firm's / JV/ Consortium authorized Agents who may attend.	19-10-2026 @ 11:30 AM	03-11-2026 @ 11:30 AM

TERMS AND CONDITIONS

1. The Blank Tender/Bidding Documents/RFP containing the detailed Terms and Conditions and Evaluation Criteria are available and can be seen or downloaded from the official website <http://portalsindh.eprocure.gov.pk/>. Tender Fee (Non-Refundable) in shape of Pay Order / Demand Draft (in favour of **Sukkur Municipal Corporation**) and the bid security 5% as mentioned above in the shape of call deposit / pay order / demand draft / Bank Guarantee as prescribed in SPP Rules (in favor of **Sukkur Municipal Corporation**) both of them shall be delivered to the Procuring Agency on or before the deadline of submission of E-Bids. Otherwise such tender will not be considered and stands non participated.
2. If the any Procurement Committee Members is out of Head Quarter or observance of any public holiday the tenders will be opened on next working day.
3. The Bid Security would be pledge in the name of **Sukkur Municipal Corporation**, in the shape of Call Deposit / Pay Order / DD / Bank Guarantee as prescribed in SPP Rules from any scheduled bank and must be submitted before deadline of submission of bid, otherwise it will not be entertained.

4. Bidding Process “**National Open Competitive**”. Procurement Method “**Single Stage – Two Envelop**”
5. Bid Validity is 90 Days. Selection Method: Least Cost / Lowest Evaluated Substantially Responsive Bid.
6. Bid Opening Venue and Contact Detail is as under:-
Executive Engineer (Civil), Sukkur Municipal Corporation, Ph: 071-9310307, Email. Smc.sukkur786@gmail.com
7. The Interested Person / Firms / Contractors must accompany with a Consultant Firm being Joint Venture/Consortium as per criteria mentioned in the Bidding Documents as the work is **Turnkey Contract**.
8. TECHNICAL PROPOSAL opened, shall be evaluated for technical qualification of the firms. Financial bids / proposals of the technically qualified firms shall be opened on the date and time that will be communicated in writing to all the qualified contactors / firms in advance. Financial bids / proposals of technically un-qualified contractors shall be returned to them unopened.
9. Original and Fresh dated affidavit on Judicial E-Stamp Paper worth Rs. 500/- that, with effect that all the documents / particulars / machinery information furnished are true and correct. In case of Bogus / Tempered or false information / certificates provided by the company / firm shall be liable to be black listed at any stage.
10. Undertaking on E-stamp worth Rs:500/- that firm is not involved in any kind of litigation with, any departmental rift, abandoned or unnecessary delay in completion of any work.
11. Fresh affidavit on E-Stamp worth Rs. 500/- from Bidder that his firm / JV / Consortium and its employees have never been blacklisted by any Government, Semi Government, Autonomous or State Owned Organization & their cases regarding blacklisting are not under trial by any Court of Law. De-listed firm will be allowed.
12. The undertakings/affidavits mentioned at S. No. 10, 11 and 12 in original must be reached to the Procuring Agency in original along-with Call Deposit and Tender Fee before the deadline of submission of E-Bids.
13. The Tender should be submitted along with the above required documentation / information. If any such required documents / information lacking then the tender will not be considered by the procuring committee and no excuse will be entertain.
14. Bidders shall submit their Technical and Financial Proposals electronically through SPPRA EPAD only.
15. This NIT can also be seen on SPPRA (EPAD) Govt. of Sindh Website <http://portalsindh.eprocure.gov.pk/> and SMC's Official website www.smc.gos.pk.
16. All SPPRA rules/notifications (amended to date) must be followed

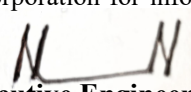
UNDER FOLLOWING CONDITIONS BIDS WILL BE STANDS REJECTED

1. Hard copy of bid or by hand is not accepted.
2. No conditional bid/tenders shall be accepted.
3. Bid not accompanied by Bid Security of required amount and manner as prescribed in the Bidding Documents / Tender Notice.
4. Submitted documents if found forged at any stage.
5. Black listed firms.
6. The Procuring Agency reserves the right to reject any or all the tenders / bids as per SPPRA Rules 2010 (amended up to date).

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C.C to:-

- ✓ The **Secretary**, Government of Sindh, Local Government Department, Karachi for kind information
- ✓ The **Mayor**, Sukkur Municipal Corporation for kind information.
- ✓ The **Municipal Commissioner (CRC)**, Sukkur Municipal Corporation, Sukkur for kind information.
- ✓ The **Director Information (Adv:)**, Government of Sindh, Karachi for information and publication
- ✓ The **Procurement Committee** (Members (All)), Sukkur Municipal Corporation for information with request to remain available on above schedule.
- ✓ **SPPRA EPAD Portal and Notice Board.**


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Sukkur Municipal Corporation
Sukkur Municipal Corporation

IMPORTANT NOTICE

*Capitalized terms used herein and not otherwise defined shall have the meaning given to them in **COMPREHENSIVE PART I — INSTRUCTIONS TO BIDDERS (ITB)** of the RFP.*

The RFP, together with all volumes, attachments, forms, annexures and appendices, attached thereto, is issued by SMC and is provided to the recipients solely for use in preparing and submitting the Bids.

Bids submitted in response to the RFP by the Bidders shall be upon full understanding and agreement of all terms of the RFP and such submission shall be deemed as an acceptance to all the terms and conditions stated in the RFP.

No GoS Party makes any representations (express or implied) or warranties as to the accuracy or completeness of the information contained in the RFP, or in any other document or information made available to a person in connection with the Project (including the Tender Procedure); and the same shall have no liability for the RFP or for any other written or oral communication transmitted to the recipient in the course of the recipient's evaluation of the Project. No GoS Party shall be liable to reimburse or compensate any recipient for any costs, fees, damages or expenses incurred by the recipient in evaluating or acting upon the RFP or otherwise in connection with the Project.

The RFP shall neither constitute a solicitation to invest, or otherwise participate, in the Project (including the Tender Procedure), nor shall it constitute a guarantee or commitment of any manner on the part of any GoS Party that the Project will be awarded or will otherwise proceed. SMC reserves the right, in its full discretion, to modify the RFP and/or the Project requirements at any time to the fullest extent permitted by applicable Laws and shall not be liable to reimburse or compensate the recipient for any costs, taxes, expenses or damages incurred by the recipient in such an event.

SMC may amend the RFP by issuing an addendum or a corrigendum (as applicable) as per the requirements specified in the RFP, at any time prior to the Bid Submission Deadline.

Subject to the provisions of the Applicable Evaluation Documents, SMC reserves the right to cancel the Tender Procedure at any time.

The interpretation of any aspect of the RFP will be made solely by SMC/GoS and shall be final and binding on all the Interested Parties and the Bidders.

PART 1: INSTRUCTIONS TO BIDDERS (ITB)

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A. GLOSSARY

In the RFP (including all Schedules and Annexures), unless the context otherwise requires, capitalized terms used herein and not otherwise defined shall have the meanings ascribed to them in Part II (Contract Agreement) of the Bidding Documents

"Acceptable Pakistan Credit Rating" means a credit rating of AA+ or higher by PACRA or AA+ or higher by VIS Credit Rating Company Limited.

"Advance Payment" means the mobilization advance payable to the Supplier in Pakistani Rupees (PKR) directly into its designated corporate bank account, subject to the prior submission of an unconditional 100% Advance Payment Security in accordance with ITB Clause 10.

"Advance Payment Security" means an unconditional, irrevocable, and on-demand bank guarantee provided by the Supplier matching one hundred percent (100%) of the total value of the Advance Payment, denominated and payable in PKR, issued by a scheduled commercial bank operating in Pakistan.

"Agreement" means the Contract Agreement entered into between the Employer and the Supplier for the execution of the Project.

"Applicable Laws" means all federal and provincial statutes, enactments, rules, regulations, statutory regulatory orders (SROs), and judicial decisions of the Islamic Republic of Pakistan and the Province of Sindh.

"Bid" means the technical proposal and financial proposal submitted electronically by an eligible Bidder through the official SPPRA e-PADS portal.

"Bid Security" means the unconditional bank guarantee, CDR, or pay order equal to five percent (5%) of the total quoted Bid Price, furnished by the Bidder as part of its proposal in accordance with ITB Clause 13.

"Bid Validity Period" means the period of ninety (90) calendar days from the date of Technical Bid Opening.

"Contract Price" means the total lump-sum consideration payable to the Supplier for the complete execution, delivery, and performance of the Contract, expressed, evaluated, and contracted in Pakistani Rupees (PKR), inclusive of all shipping, customs clearance charges, port handling fees, inland transit costs, regional duties, levies, and supplier-end taxes.

"Defects Liability Period" or "DLP" means the period of twenty-four (24) calendar months commencing immediately from the date of issuance of the Provisional Acceptance Certificate (PAC) following successful completion of River Acceptance Trials (SAT) and commercial commissioning of all Goods & Works. During this period, the Supplier shall be strictly liable, at its own sole cost and expense, for the expeditious repair, replacement, and rectification of any defect, fault, premature wear, component breakdown, or operational failure in the marine vessels, propulsion systems, battery banks, chargers, civil rehabilitation, or ancillary works.

"Goods & Works" means the 45-ft Catamaran FRP Passenger Ferry, 35-ft Wooden Sail Ferry, Speed Rescue Boats, Modular Floating Jetty, 120 kW DC Fast Charging Station, Porter H-100 Rescue Vehicle, Museum & Exhibit Electronics, and Rehabilitation Works comprising the Project.

"Letter of Credit" or "LC" means the irrevocable documentary credit opened by the Supplier through an authorized commercial bank in Pakistan to import specialized marine and electrical components.

"Pakistani Rupee" or "PKR" means the lawful currency of Pakistan.

"Performance Security" means the unconditional, irrevocable, and on-demand bank guarantee equal to five percent (5%) of the Contract Price issued by a scheduled commercial bank in Pakistan, valid through the completion of works and the expiration of the twenty-four (24) month Defects Liability Period.

"Procurement Laws" means collectively: (a) the Sindh Public Procurement Act, 2009; and (b) the Sindh Public Procurement Rules, 2010; as may be amended, modified, supplemented, extended or re-enacted from time to time.

"Submission Deadline" as mentioned in the advertisement.

"Successful Bidder" means the Bidder: (i) having the lowest evaluated Bid pursuant to the requirements of the Bidding Documents and the Procurement Laws; and (ii) selected by the Employer to execute the Agreement pursuant to the requirements of the Bidding Documents and perform and undertake the SUPPLIER/BIDDER 's Obligations.

"Supplier" means the successful Bidder selected by the Employer to perform the Contract.

"SUPPLIER/BIDDER 's Obligations" has the meaning given to that term in the Agreement and includes the services to be provided by the SUPPLIER/BIDDER in terms of the Agreement, as specified in Annexure D (SUPPLIER/BIDDER 's Scope of Work) of the Bidding Documents and Schedule A (SUPPLIER/BIDDER 's Scope of Work and Employer's Requirements) of the Agreement.

B. GENERAL

1. Scope of Bid and Source of Funds

- 1.1 The Sukkur Municipal Corporation (hereinafter referred to as the "Employer"), acting in exercise of its statutory powers under the Sindh Local Government framework, wishes to receive sealed bids through National Competitive Bidding (NCB) for the execution, completion, supply, installation, testing, and commissioning of works and goods under the Special Development, Ecological Protection and Community Recreational Initiative Through Introduction of Eco-Friendly Vessels, Rehabilitation and Up-Gradation of The Indus Blind Dolphin Freshwater Turtles Care & Conservation Centre, Along with Provision of Search & Rescue Vehicles for Protected Species, And Strengthening of Ecological Restoration for Achievement of SDGs In Sukkur Project.
- 1.2 The scope of work comprises the engineering, fabrication, supply, installation, testing, and commissioning of eco-friendly marine vessels (45-ft Catamaran FRP Passenger Ferry, 35-ft Wooden Sail Ferry, and Speed Rescue Boats), a modular High-Density Polyethylene (HDPE) floating jetty system, a 120 kW DC marine fast charging station, civil rehabilitation and museum interpretive displays at the Indus Blind Dolphin & Freshwater Turtles Care & Conservation Centre, and a rapid response rescue vehicle, all in strict compliance with the technical specifications and environmental mandates set forth in these Bidding Documents.
- 1.3 Bidders must quote for the complete scope of work as detailed in the Schedule of Quantities. Any bid proposing partial scope execution, split deliverables, or conditional compliance shall be rejected outright as non-responsive pursuant to ITB 23.
- 1.4 The Project shall be financed entirely through public development allocations provided by the Government of Sindh under approved ADP / Non-ADP developmental schemes.

2. Eligible Bidders & Consortium Structure

- 2.1 A Bidder may be a private corporate entity, a state-owned enterprise, an established local industrial manufacturer, or a formal Joint Venture (JV) / Consortium of not more than three (3) legal entities.
- 2.2 Bids submitted by a Joint Venture or Consortium must designate a local Lead Member duly authorized to bind all association partners. All members of a JV or Consortium shall be jointly and severally liable to the Employer for the execution, performance, and financial completion of the Contract.
- 2.3 Bidders (or the Lead Member of a Joint Venture/Consortium) must possess valid registration with the Pakistan Engineering Council (PEC) in Category C3 or above. The required specialization codes covering Electrical Works (EE-04, EE-11), Mechanical/Marine Works (ME-01, ME-06), and Civil/Hydraulic Works (CE-03, CE-04) may be satisfied collectively across the designated members of a formal Joint Venture or Consortium, provided the Lead Member satisfies Category C3.

- 2.4 Bidders must not have a conflict of interest. Any Bidder found to have a conflict of interest or participating in multiple bids (either individually or as a partner in a JV) shall be disqualified, and their respective Bid Securities forfeited.

3. Cost of Bidding and Independent Site Examination

- 3.1 The Bidder shall bear all direct and indirect costs associated with the preparation, drafting, translation, notarization, and electronic submission of its Bid, and the Employer shall in no case be responsible or liable for such costs, regardless of the conduct or outcome of the bidding process.
- 3.2 The Bidder is advised to obtain for itself at its own cost and responsibility all information necessary for preparing its Bid and executing the Contract, including but not limited to:
- (a) Inquiries on Pakistani federal, provincial, and local tax laws with relevant regulatory authorities.
 - (b) Inquiries on repatriation of payments and foreign exchange regulations with the State Bank of Pakistan.
 - (c) Information regarding port clearance facilities at Karachi, loading/unloading infrastructure, and inland transportation corridors to Sukkur.
 - (d) Hydrological investigations regarding Indus River flow rates, bathymetric depths, seasonal water level variations, and navigational clearances.
 - (e) Any other information having a financial or operational bearing on the Bid.
- 3.3 The Bidder / Consortium shall independently visit, inspect, and survey all three (3) candidate project locations along the Indus River corridor in Sukkur, namely:
- (i) Zero Point Entertainment Point (Downstream deep-water channel and embarkation interface);
 - (ii) Sadhu Bela Island Corridor (Island mooring, rocky outcrop clearances, and heritage pilgrim shuttle crossing); and
 - (iii) Lab-e-Mehran (Riverbank accessibility, commercial tourism footfall integration, and vehicular parking).

As a mandatory technical deliverable within its Technical Proposal (Bidding Form T5), the Bidder / Consortium shall submit a comprehensive Site Evaluation & Feasibility Proposal analyzing local bathymetric depths, seasonal water level variations, grid connection viability for the 120 kW charger, and passenger embarkation logistics, formally recommending the most viable site for the installation of the modular floating jetty and shore charging infrastructure.


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C. BIDDING DOCUMENTS

4. Contents of Bidding Documents

4.1 The Bidding Documents comprise the documents listed below and should be read in conjunction with any addenda issued pursuant to ITB 6:

(i) **Part I: Instructions to Bidders**

- (a) ITB Clauses 1 through 35
- (b) Statutory Documentary Requirements
- (c) Bidding Forms (T1–T5, F1–F3)
- (d) Annexures (A through E)

(ii) **Part II: Contract Agreement**

4.2 Bidders are expected to carefully examine the contents of the Bidding Documents. Failure to comply with bid submission requirements will be at the Bidder's own risk, resulting in rejection under ITB 23.

4.3 The Employer shall not be responsible for the completeness of Bidding Documents and addenda if not obtained directly from official sources.

5. Clarification of Bidding Documents and Pre-Bid Meeting

5.1 A Bidder requiring technical or commercial clarification may submit inquiries through the **SPPRA e-PADS portal** (with a formal copy transmitted to the Executive Engineer (Civil), SMC) no later than **seven (7) calendar days** prior to the Submission Deadline. The Employer shall issue consolidated clarifications and addenda on e-PADS no later than three (3) calendar days prior to the Submission Deadline.

5.2 The Employer shall issue written clarifications or addenda to all Bidders who have acquired the bidding documents, describing the inquiry without identifying its source.

5.3 A pre-bid meeting shall be held at the date, time, and venue indicated in the Tender Notice to clarify issues and answer questions. Non-attendance shall not cause disqualification.

5.4 Bidders are required to visit and examine all three candidate project locations along the Indus River corridor in Sukkur (Zero Point Entertainment Point, Sadhu Bela Island, and Lab-e-Mehran) at their own expense and liability, in order to formulate their Site Evaluation & Feasibility Proposal pursuant to ITB Clause 3.3.

6. Amendment of Bidding Documents

6.1 At any time prior to the Submission Deadline, the Employer may modify the Bidding Documents by issuing addenda.

- 6.2 Any addendum issued shall become part of the Bidding Documents and shall be communicated in writing to all Bidders and published on the SPPRA website, constituting deemed receipt.
- 6.3 To afford Bidders reasonable time to take addenda into account in preparing their Bids, the Employer may, at its sole discretion, extend the Submission Deadline in accordance with **ITB Clause 17**.



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D. PREPARATION OF BIDS

7. Language of Bid

- 7.1 The Bid and all correspondence and documents related to the Bid exchanged between the Bidder and the Employer shall be written in the English language. Any document furnished in another language must be accompanied by an English translation duly notarized by a Notary Public and attested by the Pakistan Embassy/Consulate in the country of origin.

8. Documents Comprising the Bid

- 8.1 The Bid submitted by the Bidder shall be structured and prepared on a Single-Stage Two-Envelope basis in accordance with SPPRA Rules, comprising two distinct and separate components submitted simultaneously through the SPPRA EPAD portal and each Bidder must physically deliver the **original physical Bid Security instrument** along with any other documents in hard copy called as per Tender Notice in a sealed envelope to the office of the Executive Engineer (Civil), Sukkur Municipal Corporation, on or before the Submission Deadline.
- 8.2 Pursuant to ITB 8.1(a), the Technical Proposal shall comprise the following mandatory documents, completed strictly in accordance with the prescribed Bidding Forms without any alterations or modifications:
- (i) Signed and filled-out Letter of Technical Proposal undertaking unconditional acceptance of the Supplier's Obligations, as set out in **Bidding Form T1**;
 - (ii) Duly signed and stamped Form of Integrity Pact, as set out in **Bidding Form T2**, in accordance with ITB 34;
 - (iii) Written confirmation authorizing the signatory of the Bid to commit the Bidder, as set out in **Form of Power of Attorney (Bidding Form T3)**, in accordance with ITB 13.3;
 - (iv) Documentary evidence establishing that the Bidder and its consortium members are eligible, solvent, and not blacklisted, as set out in **Form of Statutory Affidavit (Bidding Form T4)**, in accordance with Annexure A (Basic Eligibility Criteria);
 - (v) The Technical Specification Compliance Checklist and supporting design layout drawings, as set out in **Bidding Form T5**, demonstrating full compliance with marine acoustic ceilings (≤ 55 dB), zero-discharge mandates, and vessel specifications;
 - (vi) The Candidate Site Evaluation & Feasibility Proposal, prepared pursuant to ITB Clause 3.3, analyzing Zero Point Entertainment Point, Sadhu Bela, and Lab-e-Mehran, and presenting the Consortium's technical and operational justification for the recommended site;

- (vii) All documentary evidence required to satisfy each qualification parameter specified in Annexure B (Evaluation and Qualification Criteria), including PEC registration certificates (Category C3 or above with codes EE-04, EE-11, ME-01, ME-06, CE-03, CE-04), audited financial statements establishing tangible net worth ($\geq$ PKR 500 Million) and average annual turnover ($\geq$ PKR 350 Million), and professional staff credentials;
- (viii) A list of transit project insurances to be obtained by the Bidder in accordance with ITB 32
- (ix) Any other technical documentation required under the Bidding Documents.

8.3 Pursuant to ITB 8.1(b), the Financial Proposal shall comprise the following mandatory documents:

- (i) Signed and filled-out Letter of Financial Proposal, as set out in Bidding Form F1, explicitly stating the total lump-sum Contract Price in PKR inclusive of all taxes, duties, and supplier-end levies;
- (ii) Detailed Financial Proposal and itemized Schedule of Prices (Bill of Quantities), as set out in Bidding Form F2, covering all fourteen (14) base EPC scope items, the statutory 1.5% advisory fee (Item 15), the itemized sub-breakdown for Item 14 (Schedule F2-A), and the Foreign Component ERV Disclosure (Schedule F2-B);
- (iii) The Bid Security, as set out in Bidding Form F3, in the amount of 5% of Project Cost, in accordance with ITB 13; and
- (iv) Any other financial document explicitly required in the Bidding Documents.

8.4 **Strict Separation Rule:** Under no circumstances shall the Technical Proposal include any direct or indirect financial information, unit rates, lump-sum prices, or pricing breakdowns relating to the Financial Proposal. Any Bid containing financial information within the Technical Proposal envelope shall be declared non-responsive and rejected immediately without further evaluation.

8.5 **Cross-Contamination Rule:** In the event that a document required to be submitted as part of the Technical Proposal is mistakenly submitted within the Financial Proposal, or vice versa, such document shall not be considered for evaluation and shall be treated as not submitted, which may form grounds for bid rejection.

9. Currencies of Bid, Fixed Parity Rate, and Exchange Rate Variation (ERV)

9.1 All financial figures, unit rates, and the total lump-sum Contract Price proposed by the Bidder in the Financial Proposal shall be quoted and evaluated exclusively in Pakistani Rupees (PKR). Any bid quoting prices in foreign currency shall be rejected as non-responsive.

9.2 ERV price adjustments shall apply strictly and exclusively to the verifiable foreign currency (CIF) import value of the 100 kWh LFP Marine Battery System, 120 kW Fast Charging Station, and the PMSM Electric Propulsion Motors as declared in

Form F2-B. ERV shall not apply to civil works, local vessel fabrication, domestic materials, inland transport, or contractor margins.

10. Currencies of Payment

- 10.1 All payments shall be evaluated, contracted, and released in Pakistani Rupees (PKR) directly into the verified corporate bank account of the Supplier against verified physical milestones set out in Annexure F.
- 10.2 The opening, maintenance, cash margin funding, and retirement of any import Letter of Credit (LC) for specialized overseas components shall be the sole operational and financial responsibility of the Supplier, executed through its own commercial banking credit lines. The Employer shall not be an applicant, co-applicant, or guarantor of the LC, and assumes no liability for commercial bank margin liens or foreign exchange quotas.
- 10.3 Pre-shipment technical clearance and an accredited Third-Party Pre-Shipment Inspection (PSI) certificate shall be mandatory conditions precedent for milestone payments on imported equipment.

11. Technical Proposal & Financial Proposal Governing Rules

- 11.1 The Technical Proposal shall demonstrate the Bidder's unconditional acceptance of the complete scope of Supplier's Obligations under the Contract. Any omission, reservation, deviation, or condition attached to the Technical Proposal may cause the Bid to be declared non-responsive.
- 11.2 The Financial Proposal shall provide a quote for the entire scope on a "single responsibility" basis such that the total Contract Price covers all obligations of the Supplier mentioned in or reasonably inferred from the Bidding Documents. Parts of the scope against which no price is entered by the Bidder shall be deemed covered by the prices of other items.

12. Employer's Right to Verify Documents

- 12.1 The Employer (Sukkur Municipal Corporation) retains the absolute right, at any time during the Bidding Process, technical evaluation, or contract award phase, to independently verify, audit, inspect, or cross-check any particulars, data, statements, financial credentials, technical track records, statutory registrations, or supporting documents furnished by the Bidder within its Technical or Financial Proposal.
- 12.2 Such verification and due diligence procedures conducted by the Employer or its designated representatives may include, without limitation:
- (a) Direct written or electronic confirmation with issuing authorities regarding the authenticity of Pakistan Engineering Council (PEC) registrations, tax compliance certificates, NTN/SRB statuses, and audited financial statements;
 - (b) Direct inquiries with past municipal clients, government departments, or international agencies listed in the Bidder's technical track record to validate project completion, scale, and performance quality;

- (c) On-site physical and technical inspection of manufacturing plants, composite lamination workshops, electrical assembly lines, and bonded warehouses declared by the Bidder or its consortium members; and
- (d) Validation of key professional staff credentials, academic degrees, and professional engineer registration cards with the Pakistan Engineering Council (PEC) or relevant statutory examining bodies.

12.3 Any Bidder, joint venture partner, or consortium member found to be misrepresenting information, submitting falsified certificates, or concealing material facts regarding eligibility, financial standing, or technical capabilities shall be immediately disqualified at any stage of the Bidding Process, without prejudice to any other legal rights or administrative remedies available to the Employer.

12.4 In the event of disqualification due to misrepresentation, falsification, or fraudulent documentation pursuant to this ITB 12, the Bid Security furnished by the Bidder shall be forfeited in full to the Employer, and the entity shall be reported to the Sindh Public Procurement Regulatory Authority (SPPRA) for immediate blacklisting and debarment from participating in public procurements across the Province of Sindh.

13. Bid Security

13.1 Each Bidder shall furnish a Bid Security equal to 5.0% of its total Bid Price in the form of a Call Deposit Receipt (CDR), Pay Order, or Bank Guarantee (Form F3) issued by a scheduled bank in Pakistan.

13.2 The Bid Security shall be an irrevocable bank guarantee in the form attached as Bidding Form F3, issued by a scheduled bank in Pakistan holding an Acceptable Pakistan Credit Rating.

13.3 The Bid Security shall be valid until twenty-eight (28) days following the Bid Validity Period. Any Bid not accompanied by a compliant Bid Security shall be rejected by the Employer as non-responsive. Photocopies of Bid Securities are strictly prohibited.

13.4 Bid Securities of unsuccessful Bidders shall be returned as soon as possible after contract award and performance security submission.

13.5 The Bid Security shall be forfeited under conditions including withdrawal during validity, refusal of arithmetical corrections, failure to sign the Contract, or failure to furnish the Performance Security.

13.6 Bidders shall upload a copy of the Bid Security on e-PADS with the monetary value masked in the technical envelope. The original physical Bid Security instrument must be enclosed in a separate sealed envelope clearly marked '*ORIGINAL BID SECURITY — DO NOT OPEN BEFORE FINANCIAL BID OPENING*' and delivered to SMC prior to the Submission Deadline.

14. Period of Validity of Bids

- 14.1 Bids shall remain valid for a minimum period of **ninety (90) calendar days** from the Technical Bid Opening date. A bid valid for a shorter period shall be rejected as non-responsive.
- 14.2 In exceptional circumstances, prior to the expiration of the Bid Validity Period, the Employer may request all Bidders to extend the period of validity of their Bids in writing. If requested, the Bid Security shall also be extended accordingly for a corresponding period. A Bidder may refuse the request without forfeiture of its Bid Security.

15. Format and Signing of Bid

- 15.1 Bids shall be submitted through the SPPRA EPAD system alongside original physical Bid Security instrument and any other documents mentioned in the Tender Notice in a sealed envelope as specified in the Tender Notice.
- 15.2 The technical and financial proposal originals shall be signed by an authorized representative holding a registered Power of Attorney (Bidding Form T3).
- 15.3 For electronic submission via e-PADS, all uploaded proposal documents shall be converted into secure, indexed PDF files. Every page of the digital submission must bear the digital or scanned original signature and official stamp of the Authorized Representative, numbered sequentially to prevent omission or substitution.



Executive Engineer (Civil)
Sukkur Municipal Corporation

E. SUBMISSION, OPENING & EVALUATION

16. Submission, Sealing, and Marking of Bids

16.1 Bidders shall submit their complete Technical Proposal and Financial Proposal electronically through the official **SPPRA e-Procurement (e-PADS) portal** (<https://portalsindh.eprocure.gov.pk>), which shall constitute the sole official, conclusive, and legally binding submission. Bidders are not required or permitted to submit physical hard copies of their technical or financial proposals.

16.2 To satisfy statutory financial security verification requirements, each Bidder must physically deliver the **original physical Bid Security instrument** (CDR, Pay Order, or Bank Guarantee) and the required documents as mentioned in the Tender Notice to the Procuring Agency on or before the Submission Deadline. The scanned copy uploaded on the e-PADS portal shall serve as digital proof, but failure to deliver the physical original by the deadline shall render the Bid non-responsive.

16.3 The original physical Bid Security instrument shall be enclosed in a secure, sealed inner envelope and placed within an outer envelope along with other documents as called in original as per Tender Notice clearly marked with the following inscription:

“ORIGINAL BID SECURITY INSTRUMENT

TENDER / SCHEME: Special Development, Ecological Protection and Community Recreational Initiative Through Introduction of Eco-Friendly Vessels, Rehabilitation and Up-Gradation of The Indus Blind Dolphin & Freshwater Turtles Care & Conservation Centre... (Phase-I: Consolidated)

TENDER ID / PROCUREMENT REF: [Insert e-PADS Tender ID]

“DO NOT OPEN BEFORE TECHNICAL BID OPENING SESSION””

16.4 The physical Bid Security envelope shall:

- (a) Be addressed directly to:
Executive Engineer (Civil), Public Works Department, Sukkur Municipal Corporation (SMC), City Court Road, Sukkur, Sindh; and
- (b) Bear the full legal name, official address, telephone number, and designated focal person's email of the Bidder to enable official receipt tracking or return if received late.

16.5 If the envelope containing the original Bid Security is not sealed, secured, and marked strictly in accordance with Clauses 16.3 and 16.4, the Employer assumes no liability for its misplacement, loss, or premature opening prior to the prescribed opening stage. Any physical security instrument received after the official Submission Deadline shall be declared late, rejected, and returned unopened to the Bidder.

17. Deadline for Submission of Bids

- 17.1 Bids must be received by the Employer electronically via the SPPRA EPAD portal not later than the exact date and time specified in the Tender Notice or any official addendum.
- 17.2 The Employer may, at its sole discretion, extend the Submission Deadline by issuing an official addendum in accordance with ITB 6, in which case all rights and obligations of the Employer and Bidders previously subject to the original deadline shall thereafter be subject to the extended deadline.
- 17.3 Bids transmitted via facsimile, unencrypted email, or any other electronic transmission method not authorized by the SPPRA EPAD portal shall be rejected outright as non-responsive.

18. Late Bids

- 18.1 Any Bid received by the Employer after the Submission Deadline prescribed pursuant to ITB 17 shall be declared late, rejected automatically by the EPAD portal, and returned unopened to the Bidder.
- 18.2 Delays in postal transit, courier delivery failures, traffic congestion, or transit delays experienced by the Bidder's personnel shall not be accepted as valid excuses for failure to deliver a Bid at the proper place and time. It is the sole responsibility of the Bidder to ensure timely submission.

19. Modification, Substitution, and Withdrawal of Bids

- 19.1 Any Bidder may modify, substitute, or withdraw its Bid after electronic and physical submission, provided that a written notice of modification, substitution, or withdrawal is duly signed by the Authorized Representative and received by the Employer prior to the official Submission Deadline.
- 19.2 The notice for modification, substitution, or withdrawal must be prepared, sealed, marked, and delivered in accordance with the provisions applicable to original bids, with outer envelopes additionally marked **"MODIFICATION," "SUBSTITUTION,"** or **"WITHDRAWAL."**
- 19.3 Withdrawal of a Bid during the interval between the Submission Deadline and the expiration of the Bid Validity Period shall result in the immediate forfeiture of the Bid Security pursuant to ITB 13.

20. Bid Opening

- 20.1 The Employer shall conduct the public opening of Technical Proposals on the Submission Deadline as per Tender Notice at the office of the Executive Engineer (Civil), Sukkur Municipal Corporation, in the presence of Bidders' designated representatives who choose to attend.

20.2 Financial Proposals shall remain strictly sealed, tamper-proof, and held in the secure custody of the Employer until the completion of technical evaluations and the formal notification of technically qualified bidders.

20.3 The presence and validity format of the Bid Security shall be verified and recorded, but the monetary value of the instrument shall remain confidential and shall not be publicly disclosed until the public opening of Financial Proposals.

20.4 No Technical Proposal shall be rejected at the opening session except for late Bids received after the deadline. The Employer shall prepare a formal record of the Technical Bid Opening, which shall be signed by all attending representatives.

21. Clarification of Bids

21.1 To assist in the examination, evaluation, and comparison of Technical and Financial Proposals, the Employer may, at its sole discretion, ask any Bidder for a written clarification or supporting documentation regarding its Bid.

21.2 Any request for clarification and the corresponding response shall be conducted strictly in writing. No change in the lump-sum Contract Price, unit rates, or substantive elements of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetical errors discovered by the Employer during financial evaluation.

21.3 If a Bidder fails to provide requested clarifications within the date and time stipulated in the Employer's notice, its Bid shall be rejected.

22. Preliminary Examination

22.1 Prior to detailed technical scoring, the Employer shall examine each Technical Proposal to determine whether:

- (a) The Bid is complete, properly bound, signed, and stamped by the Authorized Representative;
- (b) the required Bid Security has been furnished in the correct amount (equal to 5% of the total Bid Price) and valid format;
- (c) The Bid is valid for the required ninety (90) day period;
- (d) The Bidder continues to satisfy all Basic Eligibility criteria set out in Annexure A (Parameters M-1 to M-10), including valid PEC Category C3 registration and active tax statuses; and
- (e) The Bids are generally in order and free from material misrepresentations.

22.2 A Bid shall be rejected immediately during preliminary examination if it is unsigned, lacks valid bid security, fails basic eligibility, or arrives after the submission deadline.

23. Determination of Responsiveness of Bids

23.1 The Employer shall determine the substantial responsiveness of each Technical Proposal to the Bidding Documents. A substantially responsive Bid is one that conforms to all

terms, conditions, and specifications of the Bidding Documents without material deviations, reservations, or omissions.

23.2 Material deviations, reservations, or omissions include those that:

- (a) Affect in any substantial way the scope, quality, acoustic ceilings (≤ 55 dB), or zero-discharge environmental performance of the Goods and Works;
- (b) Limit in any substantial way the Employer's rights or the Supplier's obligations under the Contract; or
- (c) Unfairly affect the competitive position of other Bidders presenting substantially responsive proposals.

23.3 If a Bid is not substantially responsive, it shall be rejected by the Employer and may not subsequently be made responsive by correction or withdrawal of the material deviation, reservation, or omission.

24. Conversion to Single Currency

24.1 Not Applicable. All bidding, financial figures, evaluation, and contract settlements are conducted exclusively in Pakistani Rupees (PKR).

25. Evaluation and Qualification Criteria

25.1 Bids determined to be substantially responsive during preliminary examination shall undergo detailed technical evaluation in accordance with the 100-Point Scoring Framework set out in Annexure B (Financial Score: 30 Marks; Technical Score: 70 Marks).

25.2 To qualify technically and advance to financial bid opening, a Bidder must:

- (a) Score at least **fifty percent (50%)** in each primary section; and
- (b) Score a cumulative aggregate qualification score of not less than **seventy (70) Marks**.

25.3 Following technical qualification, Financial Proposals shall be opened publicly. Contract award shall be made to the qualified Bidder offering the **lowest evaluated total Contract Price in PKR (Least Cost Selection / Most Advantageous Bid)**.

26. Confidentiality

26.1 Information relating to the examination, evaluation, analysis, and comparison of Bids and recommendations concerning contract award shall not be disclosed to Bidders or any other persons not officially connected with the procurement process until the official Bid Evaluation Report is published on the SPPRA website.

26.2 Any attempt by a Bidder to influence the Employer, evaluation committee members, or municipal officials during bid evaluation shall result in the immediate rejection of its Bid and the forfeiture of its Bid Security.

F. AWARD OF CONTRACT

27. Employer's Right to Accept Any Bid or Reject All Bids

- 27.1 The Sukkur Municipal Corporation reserves the absolute right to accept or reject any Bid, to annul the bidding process, and to reject all Bids at any time prior to the issuance of the Notification of Award, without thereby incurring any liability to Bidders or providing any explanation for such action.
- 27.2 In the event of contract annulment, all submitted Bids and specifically the unencumbered Bid Securities shall be promptly returned to the Bidders.

28. Notification of Award (Letter of Acceptance)

- 28.1 Prior to the expiration of the Bid Validity Period, the Employer shall notify the successful Bidder in writing that its Bid has been accepted (the "Notification of Award"). This letter shall specify the total lump-sum Contract Price payable to the Supplier.
- 28.2 At least three (3) business days prior to issuing the Notification of Award, the Employer shall publish the Bid Evaluation Report on the SPPRA website.
- 28.3 The successful Bidder shall acknowledge and return the Notification of Award with its formal written acceptance within seven (7) days of issuance, failure of which constitutes grounds for contract annulment and Bid Security forfeiture.

29. Performance Security (5% Requirement)

- 29.1 Within fourteen (14) days of the issuance of the Notification of Award, and in any event at least one (1) day prior to the execution of the Contract Agreement, the successful Bidder shall furnish to the Employer a satisfactory Performance Security equal to five percent (5%) of the total Contract Price.
- 29.2 The Performance Security shall be an unconditional, irrevocable, and on-demand Bank Guarantee issued by a scheduled commercial bank operating in Pakistan holding an Acceptable Pakistan Credit Rating, formatted as per Schedule E.
- 29.3 The Performance Security (5% Bank Guarantee) shall remain active, valid, and enforceable until the completion of all Supply Obligations and the full expiration of the twenty-four (24) month Defects Liability Period (DLP) / Systems Warranty. Upon expiration of the DLP and issuance of the Final Acceptance Certificate, the Performance Security shall be discharged. The extended ten (6) years structural warranty for vessel hulls and skeletal structures and (3) Years for Other Equipments and Items shall be secured independently via an irrevocable Corporate Warranty Deed and OEM Back-to-Back Warranty Certificate executed on non-judicial stamp paper prior to final contract close-out and in case of consortium all the consortium members will signed and stamp the Warranty Deed. The warranty further elaborates as under:

a. General Warranty Period

The Contractor/Supplier shall warrant that the Boat, including its hull, structure, machinery, propulsion system, engines, electrical and electronic systems, navigation equipment, safety equipment, fittings, accessories and all other supplied components, shall be free from defects in design, materials, workmanship and construction for a minimum period of [36] months (3 years) from the date of commissioning/acceptance of the Boat, whichever is later.

b. Engine and Major Equipment Warranty

The main engine(s), gearbox/transmission, propulsion system, generators and other major proprietary equipment shall carry the manufacturer's warranty or 36 months (3 years) from commissioning/acceptance of the Boat, whichever is longer, provided that the Contractor shall remain responsible for coordinating and enforcing such manufacturer's warranty.

c. Hull and Structural Warranty

The Contractor shall provide a minimum [6] years warranty against defects in the hull, hull structure, welds, frames, bulkheads, decks and other structural components. The hull shall also be warranted against material/manufacturing defects and premature corrosion for the same period.

d. Rectification of Defects

Upon notification of a defect covered by the warranty, the Contractor shall, at its own cost, promptly repair or replace the defective component, including all necessary labour, transportation, removal, reinstallation, testing and commissioning. For defects affecting the safe operation or seaworthiness of the Boat, the Contractor shall commence corrective action within 48 hours of notification and shall complete the repair within a reasonable period agreed with the Purchaser.

e. Exclusions

The warranty shall not apply to defects resulting solely from:

Normal wear and tear;

Accident, collision or external physical damage;

Misuse or operation contrary to the approved operating manuals;

Unauthorised modification or repair by the Purchaser;

Failure to undertake scheduled maintenance where such failure caused the defect; or

Damage caused by extraordinary events beyond the Contractor's control.

The Contractor shall bear the burden of demonstrating that an alleged defect falls within an applicable exclusion.

- 29.4 Failure of the successful Bidder to comply with the requirements of ITB Clause 29 shall constitute sufficient grounds for annulment of the award and forfeiture of its Bid Security.

30. Signing of Contract

- 30.1 The Contract Agreement shall be formally executed between the Employer and the successful Bidder within fourteen (14) days of the issuance of the Notification of Award, or within such extended timeline as determined by the Employer.

30.2 Failure of the successful Bidder to execute the Contract Agreement within the designated timeframe shall constitute sufficient grounds for award annulment and Bid Security forfeiture.



Executive Engineer (Civil)
Sukkur Municipal Corporation

G. ADDITIONAL INSTRUCTIONS

31. Sufficiency of Bid

31.1 Each Bidder shall satisfy itself before bidding as to the correctness and sufficiency of its Bid and of the unit rates and lump-sum prices entered in the Financial Proposal. The Contract Price shall cover all obligations of the Supplier under the Contract and all matters necessary for the proper execution and completion of the Goods and Works.

32. Project Insurances

32.1 The successful Bidder shall be responsible for transit insurance at its own cost.

33. Corrupt and Fraudulent Practices

33.1 The Employer requires Bidders, suppliers, and contractors to observe the highest standards of ethics during the procurement process and contract execution. "Corrupt and fraudulent practices" include coercive practices, collusive practices, corrupt practices, fraudulent practices, and obstructive practices.

33.2 Any Bidder providing false or misleading information, or found to have engaged in corrupt or fraudulent practices, shall be disqualified from participation, have its Bid Security forfeited, and be permanently blacklisted by public procurement agencies in Sindh.

34. Integrity Pact

34.1 Each Bidder shall sign, stamp, and submit Bidding Form T2 (Form of Integrity Pact) as an mandatory component of its Technical Proposal. Failure to provide the executed Integrity Pact shall render the Bid non-responsive.

35. Local Statutory Requirements

35.1 All agreements, powers of attorney, affidavits, and bank guarantees executed in connection with this procurement must comply fully with the Stamp Act 1899 (attaching proper non-judicial stamp duty) and Article 17 of the Qanun-e-Shahadat Order 1984 (mandating proper adult witnessing with CNIC numbers).

36. Governing Law and Dispute Resolution

36.1 The Bidding Documents, the Contract Agreement, and all rights and obligations arising thereunder shall be governed by and construed in accordance with the laws of the Islamic Republic of Pakistan.

36.2 Any dispute, controversy, or claim arising out of or relating to the Contract shall be resolved amicably through senior management negotiations. If unresolved within thirty (30) days, the dispute shall be finally settled by arbitration under the Pakistan Arbitration Act, 1940, with arbitral proceedings conducted in Karachi, Pakistan, in the English language.

37. Environmental and Wildlife Compliance

- 37.1 All activities, vessel fabrications, and operational trials under this Contract shall strictly comply with all applicable environmental and wildlife protection enactments, including the Sindh Wildlife Protection Act, the Pakistan Trade Control of Wild Fauna and Flora Act 2012, and the Sindh Environmental Protection Act 2014.
- 37.2 Vessel operations must strictly adhere to the River Dolphin Conservation Policy, maintaining the mandatory acoustic noise ceiling (≤ 55 dB(A) at rated load / < 115 dB re $1 \mu\text{Pa}$). This acoustic limitation applies strictly and exclusively to primary passenger vessels operating under electric propulsion during normal cruising. Speed rescue boats and auxiliary petrol outboard engines are strictly exempted from this acoustic threshold when engaged in emergency search and rescue operations or emergency maneuvers.



Executive Engineer (Civil)
Sukkur Municipal Corporation

H. BIDDING FORMS

BIDDING FORM T1 - LETTER OF TECHNICAL PROPOSAL

(To be executed on PKR 100/- Judicial Stamp Paper)

Date:

To: The Executive Engineer (Civil), Sukkur Municipal Corporation, Sukkur, Sindh

We, the undersigned, confirm, undertake and declare that:

- a. We have examined and have no reservations to the Bidding Documents, including Addenda Nos. ----- issued in accordance with ITB 6 (Amendment of Bidding Documents).
- b. We offer to perform and undertake the SUPPLIER/BIDDER 's Obligations in respect of the Project in conformity with the Bidding Documents without any omission, reservation and deviation; and we accept and undertake to comply with all requirements in the Bidding Documents including the schedules / annexures attached to the Bidding Documents.
- c. Our Bid consisting of the Technical Proposal and the Financial Proposal shall be valid for a period of ninety days (90) days from the date fixed for the 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. We, including any Sub-Contractor and Sub-Supplier, for any part of the SUPPLIER/BIDDER 's Obligations, have or will have nationalities from eligible countries, in accordance with the requirements of the Bidding Documents.
- e. We, including any Sub-Contractor and Sub-Supplier, for any part of the SUPPLIER/BIDDER 's Obligations, do not have any conflict of interest in accordance with the requirements of the Bidding Documents.
- f. We understand that all the schedules / annexures attached to the Bidding Documents are integral part of the Bidding Documents.
- g. We have reviewed and accepted the form of the 'Supply, Construction and Commissioning Agreement' (attached as Part II to the Bidding Documents) and undertake to execute the same within the time period stipulated in the Notification of Award.
- h. 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 the Agreement (attached as Part II to the Bidding Documents) is executed.
- i. We have not been blacklisted by any authority / entity and have not been involved in any investigation for fraud or corruption in or outside Pakistan. We are not involved in any bankruptcy or liquidation proceedings. We have not been engaged in any corrupt or fraudulent practices nor have any commissions or gratuities been or are to be paid by us to agents relating to this Bid and Agreement's execution.

- j. We are not participating, as a Bidder in more than one Bid in this Bidding Process in accordance with the requirements of the Bidding Documents.
- k. We, our affiliates or subsidiaries, including any Sub-Contractor and Sub-Supplier for any part of the Agreement, have not been declared ineligible under the Employer's country laws or official regulations.
- l. We agree to permit the 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 appointed by the Employer at its expense.
- m. We hereby declare that all the information and statements made in this Bid are true and accept that any misrepresentation contained in it shall lead to our disqualification, forfeiture of the Bid Security and / or our blacklisting by the Employer.
- n. We undertake, if our Bid is accepted, to furnish the Performance Security as per the requirements of the Bidding Documents and the Agreement.
- o. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a Bid for the SUPPLIER/BIDDER 's Obligations.
- p. We understand that the Bidding Documents have been issued by the Employer for the Project; and if our Bid is accepted, we shall execute the Agreement for the Project as per the requirements of the Bidding Documents.

(Unless otherwise specified, capitalized terms used herein shall have the same meaning given to them in the Bidding Documents).

Name

In the capacity of

Signed

Duly authorized to sign the Bid for and on behalf of [Name of Bidder]

Date

[Seal]

In the presence of

[name]

[name]

[Signature]

[Signature]

[Title]

[Title]

BIDDING FORM T2 - FORM OF INTEGRITY PACT

(To be executed on PKR 100/- Non-Judicial Stamp Paper)

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIER/BIDDER

Dated _____

[name of Bidder SUPPLIER/BIDDER] (the “Bidder SUPPLIER/BIDDER ”) hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh, Sukkur Municipal Corporation (SMC), any administrative subdivision or agency thereof or any other entity owned or controlled by Government of Sindh (collectively to be hereinafter referred to as the “GoS”) through any corrupt business practice.

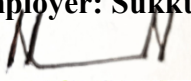
Without limiting the generality of the foregoing, [name of Bidder SUPPLIER/BIDDER] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder’s fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoS, except that which has been expressly declared pursuant hereto. [name of Bidder SUPPLIER/BIDDER] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoS and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

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

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

Name of Employer: Sukkur Municipal Corporation

Signature:

[Seal] 


Name of Bidder SUPPLIER/BIDDER: _____

Signature:

[Seal]

BIDDING FORM T3 - FORM OF POWER OF ATTORNEY

(To be executed on PKR 1,000/- Non-Judicial Stamp Paper — Duly Registered & Notarized)

[In case of a foreign bidder – signed by the authorized signatory; witnessed by two male witnesses; notarized by Notary Public and attested by Pakistani Embassy / Consulate in the country of origin and adhesive stamped when brought into Pakistan.]

KNOWN BY ALL THAT by this Power of Attorney [insert name of Bidder] (the “**Bidder**”) having its head office situated at [•], does hereby nominate, appoint & authorize Mr. [•] S/o Mr. [•] and Mr. [•] S/o Mr. [•] (both of whose specimen signatures are appended below), on behalf of the Bidder, hereinafter referred to as the attorney, to sign the Bid, the ancillary documents, the Acceptance of Notification of Award and the Agreement (if awarded the Notification of Award) and to act for and on behalf of the Bidder and to bind the Bidder in relation to the bidding process and all ancillary documents, instruments and evidences submitted pursuant thereto.

This Power of Attorney is issued with respect to Bidding Documents circulated on [insert date RFP is floated] (the “**Bidding Documents**”).

Capitalized terms used herein and not otherwise defined shall bear the meaning ascribed thereto in the Bidding Documents.

The Bidder does hereby ratify & confirm whatever the attorney shall do by virtue of these presents.

Specimen signature of Mr. [name of the nominee on behalf of Bidder]

Specimen signature of Mr. [name of the attorney appointed by Bidder]

[Signature]

[Name]

[Designation]

[SUPPLIER/BIDDER]

BIDDING FORM T4 - FORM OF AFFIDAVIT

(To be executed on PKR 100/- Non-Judicial Stamp Paper — Sworn on Oath before Notary Public)

Notes for Execution of Affidavit

- The mode of execution of the Affidavit should be in accordance with the procedure, if any, laid down by the applicable laws and the same should be under common seal affixed in accordance with the required procedure.
- Also, wherever required, the Bidder should submit for verification the extract of the charter documents and documents such as a resolution / power of attorney in favour of the person executing this Affidavit for the delegation of power hereunder on behalf of the Bidder.
- This Affidavit shall be notarised with the Notary Public.
- In case of a foreign entity – signed by the authorized signatory; witnessed by two male witnesses.

Please find below the form and substance of the Affidavit.

Affidavit

Date: _____

To:

The Executive Engineer (Civil),
Sukkur Municipal Corporation,
Sukkur, Sindh

We, [insert name of Bidder] hereby represent and warrant that, as of the date of this Affidavit [name of Bidder]:

- a. are not in bankruptcy or liquidation proceedings;
- b. are not blacklisted by any governmental or non-governmental department / agency;
- c. have not been convicted of, fraud, corruption, collusion or money laundering;
- d. are not aware of any conflict of interest or potential conflict of interest arising from prior or existing contracts or relationships which could materially affect our capability to comply with the obligations under the Agreement;
- e. [are legally and financially autonomous and operate under commercial law]¹;
- f. [there is no pending litigation which represents more than fifty percent (50%) of our net worth]².

That whatever stated above is true and correct to the best of my knowledge and belief and nothing has been concealed thereto.

DEPONENT

Verified on oath at _____ on this ____ day of _____, 2026 that the contents of the above Affidavit are true and correct to the best of my knowledge and belief.

DEPONENT

Witnesses:

[Signature]

[Signature]

[name]

[name]

[Address]

[Address]

[CNIC No.]

[CNIC No.]

¹Only relevant for the government owned legal enterprise or institution.

²If applicable;

BIDDING FORM T5 - TECHNICAL COMPLIANCE CHECKLIST

(Mandatory Technical Submission — Bidders must complete every row; non-compliance results in immediate technical disqualification)

TECHNICAL CRITERIA	MANDATORY SPECIFICATION PARAMETER	BIDDER COMPLIANCE (YES/NO & SPEC)
Multi-Location Site Feasibility	Mandatory written commitment and methodology to evaluate Zero Point, Sadhu Bela, and Lab-e-Mehran, submitting a technical feasibility proposal recommending the optimal site for jetty and charging installation.	
45-ft Catamaran Passenger Ferry Dimensions	Twin-Hull Catamaran; LOA: 45 ft $\pm$ 2 ft (13.72 m); Beam / Max Breadth: 16 ft $\pm$ 1.5 ft (4.88 m); Draught: 3 ft $\pm$ 1.0 ft; 45 Pax Capacity	
Catamaran Hull Construction	Marine-grade FRP (Isophthalic above WL, Vinyl Ester below WL), Divinycell H80 core	
Catamaran Electric Propulsion & Paddle Drive	Dual 50 kW PMSM motors (100 kW peak), IP67, liquid-cooled, Low-RPM roller paddle Dual independently driven paddle wheels, each powered by an approximately 35-50 kW continuous PM motor with dedicated VFD and wheelhouse control; marine-suitable LiFePO ₄ battery system with capacity over 50 kWh, complete with BMS, thermal management, HV protection, isolation monitoring, emergency shutdown and bidirectional PCS charging.	
100 kWh Marine LFP Battery System	100 kWh Lithium Iron Phosphate (LiFePO ₄ / LFP) Marine Battery System operating at nominal 540 VDC, liquid thermal management, active BMS, high-voltage PDU box with pre-charge, and bidirectional charging interface.	

Marine Acoustic Noise Ceiling	Underwater noise emissions strictly $\leq$ 55 dB(A) at rated load (<115 dB re 1 μ Pa)	
Zero-Discharge Environmental Mandate	Zero sewage, greywater, or oil discharge; onboard holding tanks	
35-ft Wooden Sail Ferry Construction	Traditional dhow design, Iroko backbone, carvel planking, Dacron sails	
Speed Rescue Boats Configuration	FRP hull, 60-75 HP outboard petrol engine, GPS, searchlight, & rescue gear	
Modular Floating Jetty System	Total area approx. 335 m ² (40m $\times$ 6.5m main platform + 15m $\times$ 5m articulated approach gangway), modular HDPE pontoons, concrete sinkers, chains, and SS316 deck cleats.	
120 kW DC Fast Charging Station	Outdoor weatherproof DC charger, CCS2/CHAdemo, 4-core 70mm ² armoured cable, earth	
Research & Rescue Centre Refurbishment	Civil works, porcelain tiles, 3.5-4 ft FRP sculpture displays, 5x8 ft SMD LED	
Rapid Response Rescue Vehicle	Hyundai Porter H-100 (or equiv), 2000cc diesel, rescue lightbar, winch, GPS track	

“An efficient design specifically related to the noise and speed limitation and propulsion design and mechanical design will remain same for dimensions related specifications. Non-Compliance to any specification mentioned in the table above will lead to disqualification.”

➤ DETAILED DRAWINGS AND DESIGN SUBMISSIONS

The Bidder shall submit comprehensive, detailed engineering drawings for all proposed vessel options (including the 45-ft catamaran electric ferry, 35-ft wooden sail ferry, and speed rescue boats) as well as the rapid response rescue vehicle. The submitted drawing imagery must distinctly highlight the exterior shape, hull configuration, and superstructure of each unit, providing a minimum of four (4) distinct perspectives: right side, left side, front, and rear. Bidders may additionally provide illustrative imagery or general arrangement (GA) drawings of similar completed craft. Furthermore, the Bidder shall furnish detailed interior layout drawings clearly indicating key dimensions, seating configurations, passenger

capacities, helm positions, and safety equipment placement. All detailed drawings shall be bound and attached as an integral component of the Technical Proposal.

➤ **DESCRIPTION OF BODY AND STRUCTURAL MATERIALS**

The Bidder shall submit a complete technical description of the body, hull, and structural materials utilized for all marine vessels and vehicles. The technical specification mandates the use of high-strength, corrosion-resistant materials suitable for freshwater riverine environments and protected aquatic reserves. Mild steel or marine-grade structural framing represents the minimum acceptable standard for structural elements; however, the use of materials with superior strength, enhanced corrosion resistance, and long-term durability is strongly encouraged. The integration of marine-grade aluminium, stainless-steel alloys (such as 3CR-12 or 316), glass-reinforced plastic (GFRP / GRP) with isophthalic and vinyl ester resins, high-carbon structural steel, and marine timber (such as first-quality teak or iroko) must be explicitly detailed, particularly for critical hull sections, structural skeletal ribs, and submerged components. This comprehensive material description shall be formally attached as part of the Technical Proposal.


Executive Engineer (Civil)
Sukkur Municipal Corporation

BIDDING FORM F1 - LETTER OF FINANCIAL PROPOSAL

(To be executed on PKR 100/- Non-Judicial Stamp Paper)

Date:

To: The Executive Engineer (Civil), Sukkur Municipal Corporation, Sukkur, Sindh

We, the undersigned, confirm, undertake and declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda Nos. ----- issued in accordance with ITB 6 (Amendment of Bidding Documents).
- (b) We offer to perform and undertake the SUPPLIER/BIDDER 's Obligations in respect of the Project in conformity with the Bidding Documents without any omission, reservation and deviation; we accept and undertake to comply with all requirements in the Bidding Documents including the schedules / annexures attached to the Bidding Documents.
- (c) As security for due performance of the undertakings and obligations of this Bid, we submit unconditionally herewith a Bid Security as mentioned in instruction to bidders drawn in your favour or made payable to you and valid for a period twenty-eight (28) days beyond the period of validity of Bid. We confirm that the Bid Security has been issued and maintained in PKR in accordance with the requirements of the Bidding Documents.
- (d) The total Cost (i.e., the Bid Price) of our Bid, inclusive of all federal, provincial and local duties, levies and taxes (including SUPPLIER/BIDDER Taxes) is [insert currency in PKR and amount of total Bid Cost].
- (e) Our Bid consisting of the Technical Proposal and the Financial Proposal shall be valid for a period of ninety days (90) days from the date fixed for the 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.
- (f) We, including any Sub-Contractor and Sub-Supplier, for any part of the SUPPLIER/BIDDER 's Obligations, have or will have nationalities from eligible countries, in accordance with the requirements of the Bidding Documents.
- (g) We, including any Sub-Contractor and Sub-Supplier, for any part of the SUPPLIER/BIDDER 's Obligations, do not have any conflict of interest in accordance with the requirements of the Bidding Documents.
- (h) We understand that all the schedules / annexures attached to the Bidding Documents are integral part of the Bidding Documents.
- (i) We have reviewed and accepted the form of the Agreement (attached as Part II to the Bidding Documents) and undertake to execute the same within the time period stipulated in Notification of Award.

- (j) 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 the Agreement (attached as Part II to the Bidding Documents) is executed.
- (k) We have not been blacklisted by any authority / entity and have not been involved in any investigation for fraud or corruption in or outside Pakistan. We are not involved in any bankruptcy or liquidation proceedings. We have not been engaged in any corrupt or fraudulent practices nor have any commissions or gratuities been or are to be paid by us to agents relating to this Bid and Agreement's execution.
- (l) We are not participating, as a Bidder in more than one Bid in this Bidding Process in accordance with the requirements of the Bidding Documents.
- (m) We, our affiliates or subsidiaries, including any Sub-Contractor and Sub-Supplier for any part of the SUPPLIER/BIDDER 's Obligations, have not been declared ineligible under the Employer's country laws or official regulations.
- (n) We agree to permit the 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 appointed by the Employer at its expense.
- (o) We hereby declare that all the information and statements made in this Bid are true and accept that any misrepresentation contained in it shall lead to our disqualification, forfeiture of the Bid Security and / or our blacklisting by the Employer.
- (p) We undertake, if our Bid is accepted, to furnish the Performance Security as per the requirements of the Bidding Documents and the Agreement.
- (q) We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a Bid for the SUPPLIER/BIDDER 's Obligations.
- (r) We understand that the Bidding Documents have been issued by the Employer for the Project; and if our Bid is accepted, we shall execute the Agreement for the Project as per the requirements of the Bidding Documents.

(Unless otherwise specified, capitalized terms used herein shall have the same meaning given to them in the Bidding Documents).

Name

In the capacity of

Signed

Duly authorized to sign the Bid for and on behalf of [Name of Bidder]

Date

[Seal]

In the presence of

[name]

[Signature]

[Title]

[name]

[Signature]

[Title]

BIDDING FORM F2: DETAILS OF FINANCIAL PROPOSAL

(Cost Breakdown — All Values Quoted in PKR)

Preamble & Instructions to Bidders

1. The procurement is conducted on a single-responsibility turnkey Engineering, Procurement, and Construction (EPC) basis. The quoted price shall cover all obligations of the Supplier, including design, manufacturing, international shipping, port clearance, customs duties, taxes, inland transport to Sukkur, site assembly, civil works, river acceptance trials, testing, commissioning, and a 24-month Defects Liability Period.
2. Pricing Structure:
 1. Part A (Schedule Civil, Plumbing, Electrical & Cartage Works): Covers building and pond rehabilitation works at the Indus Blind Dolphin & Freshwater Turtles Care & Conservation Centre based on the Government of Sindh Composite Schedule of Rates (CSR). Bidders shall quote a single uniform percentage Premium (+) or Rebate (-) on the total CSR amount.
 2. Part B (Non-Scheduled Specialized Marine Fleet, EV Infrastructure & Systems): Bidders shall quote firm, fixed unit rates and total prices in Pakistani Rupees (PKR) for each specialized item, strictly conforming to the exhaustive technical descriptions provided.
 3. Part C (Grand Financial Summary): Consolidates Part A and Part B to establish the Total Evaluated Bid Price, including statutory SRB Sales Tax on Services (5%) and the fixed Advisory Consultant Fee (1.5%).

PART A: SCHEDULE CIVIL, PLUMBING & ELECTRICAL REHABILITATION (SINDH CSR)

Bidders shall execute all schedule works in accordance with the Sindh Composite Schedule of Rates (CSR 2024 / prevailing). Quantities, items, and CSR rates are fixed; the Bidder shall quote its overall percentage Above / Below the base schedule total.

S. No	Descriptions	Total Qty.	Unit	Rate	Amount
	Schedule Items				
	DISMANTLING & DEMOLITION				
1	Jungle Clearance and removing within 100feet (b) thick. (GSI#4 (b), P# 95)	100.00	P-Sft	0.79	79.00
2	Removing cement or lime plaster.	2,800.00	P-Sft	5.39	15,092.00
3	Removing door with chowket.		Per.No	574.26	3,445.56
4	Removing Window and sky light with chowkets.		Per.No	465.31	3,722.48

S. No	Descriptions	Total Qty.	Unit	Rate	Amount
5	Dismantling and removing earthen ware or R.C.C pipes from trechn and stacking outside. (a) Above 6" to 12 dia	24.00	R-Ft	43.36	1,040.64
	Earthwork				
6	Excavtion for isolated footing of boundary wall construction with dagbelling, dressing, refilling around structure with excavated earth watering and ramming lead upto 5 ft,				
	Isolated Footing 4'x4'	1,600.00	P-Cft	11.88	19,008.00
	for pound	19,200.00	P-Cft	11.88	228,096.00
7	Supplying and filling sand under floor and plugging in walls. (GSI# 29, P# 26)				
	Foundation to Plinth	1,200.00	P-Cft	57.52	69,024.00
	Pound Embankment/Slopes	2,250.00	P-Cft	57.52	129,420.00
	Pound Bed	1,000.00	P-Cft	57.52	57,520.00
8	Laying stone or spawl filling	200.00	P-Cft	14.36	2,872.00
	Concrete				
8	Cement concrete plain including placing compacting finishing and curing complete l/c washing of aggregates without shuttering (i) Ratio 1:4:8 (GSI# 5 (i), P#16)				
	Isolated footing foundation 4'x4'	30.38	P-Cft	348.83	10,595.71
	plinth beam	15.00	P-Cft	348.83	5,232.45
	For Pound	250.00	P-Cft	348.83	87,207.50
9	Cement concrete plain including placing compacting finishing and curing complete l/c washing of aggregates without shuttering (i) Ratio 1:2:4 (GSI# 5 (f), P#16)				
	Ground floor	200.00	P-Cft	443.54	88,708.00
10	Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle). (a) R.C.C work in roof slab, beams columns rafts, lintels and other structural member laid in situ or precast laid in position complete in all respects. (l) Ratio (1:2:4) 90 lbs cement, 2 Cft Sand & 4 Cft Shingle 1/8" to 1/4" gauge. (GSI# 5i, P# 17)	1,211.75	P-Cft	717.59	869,539.68

S. No	Descriptions	Total Qty.	Unit	Rate	Amount
11	Providing Fixing Mild Steel Reinforcement for cement concrete including cutting, bending laying in position making joints and fastening, cost of binding wire (also includes removal of rust from bars) (b) Using Tor bars. (GSI # 8b, P# 17)				
	5 lbs P-Cft of Concrete	54.10	P.Cwt	18934.02	1,024,254.41
12	Pacca brick work in foundation (a) cement sand mortar 1:2	90.00	P-Cft	413.92	37,252.80
13	Pacca brick work in ground Floor (a) cement sand mortar 1:2				
	after Door and windows area deduction	320.00	P-Cft	438.16	140,211.20
14	Cement plaster 1:5 upto 12' height. Upto 20 ft (6.10 metre) height.a) 3/8" thick	6,200.00			
	after Door and windows area deduction	5,612.00	P-Sft	37.02	207,756.24
15	Cement plaster 1:5 upto 12' height. Upto 20 ft (6.10 metre) height. (b) 1/2" thick	5,612.00	P-Sft	38.75	217,465.00
	Water proofing				
16	Bitumen coating to plastered or cement concrete surface.	800.00	P-Sft	21.83	17,464.00
	For Pound	800.00	P-Sft	21.83	17,464.00
	FLOORING				
17	Stone cladding of required size on wall facing of approved design shape and pattern set in cement sand mortar ratio 1:2 in gray cement 3/4" thick in/c washing of joints with net white cement salary and pigment in desire shape in/c cutting and dressing the stone tile to proper profile in/c labour etc complete as per specification as directed by the Engineer / Incharge.				
	Elevation on all side	1890	P-Sft	541.93	1,024,247.70
	Stone Pitching hand packed with surface leveled off to the Correct Section with hammer dressed Stone and voids filled in 1:8 Cement mortar in floors of bridges and along hands and in aprons etc. including three chains lead				
	Pound top slopes	1350	P-Sft	199.06	268,731.00

S. No	Descriptions	Total Qty.	Unit	Rate	Amount
18	Providing & fixing cement paving blocks flooring having size of 197 x 97 x 80 (mm) of city /quddra / cobble shape with pigment, having strength b/w 5000 PSI to 8500 PSI i/c filling the joints with hill sand over a bed of 2" thick hill sand or stone dust and laying and compacting in specified manner/ pattern and design etc complete.				
	For Open Area	500	P-Sft	242.26	121,130.00
19	Laying Super Botisina,Crème,Badal or Black Marble 12"x12" / 12"x24" fine dressed on the surface without winding set in limemortar 1:2 including rubbing and polishing of the joints. (b)1" thick	800	P-Sft	378.19	302,552.00
20	P/F 3/8" thick Marble Tiles of Approved Quality & Colour & Shade size 8"x4" or 6"x4" in dado Skirting & facing removal tucking of existung plaster surface etc.over 1/2" thick base of cement mortor 1:3 setting of tile in slurry of white cement over motor base l/c filling & joints &washing the tile with white cemebt slurry curent finishing cleaning & polishing etc, complete	165	P-Sft	277.5	45,787.50
21	Providing & Laying Full Body Porcelain Tile in Flooring or Facing of Approved Design Set in Gry Cement Motor1:2 or of 3/4" Thickinss l/C Washing & Joints With White Cement Slurry Using Colour Pigment for matching complete as per Spacification. (x) 24"x36"x5/16"				
	For toilet	432	P-Sft	2726.96	1,178,046.72
22	Supplying & fixing in position Aluminum channels framing for hinged doors or made with 5 mm thick tinted glass glazing (Belgium) and Alpha (Japan) locks l/c handles, stoppers etc.(a) Deluxe model (White)	136.5	P-Sft	1,655.83	226,020.80
23	Supplying & fixing in position Aluminum channels framing for sliding windows & ventilators of made with 5mm thick tinted glass glazing (Belgium) & Aluminum fly screen l/c handles stoppers & locking arrangement etc. complete.	80	P-Sft	2,386.73	190,938.40

S. No	Descriptions	Total Qty.	Unit	Rate	Amount
24	First Class deodar wood wrought joinery in doors and windows etc. panelled or panelled or glazed or fully glazed fixed in position including chowkhat, holdfast, hinges, tower bolt rubber stop cleats/G I clamp, handles and chord with hooks etc. complete (excluding sliding bolts or lock) 1¾" thick.	164.5	P-Sft	3,130.83	515,021.54
25	Supplying and fixing false ceiling of plaster of paris in pannels including making frame work of deodar wood i/c painting With solignum paint	1000	P-Sft	458.84	458,840.00
26	Preparing the surface and painting with matt finish l/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink /chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc: complete .(new surface).				
	Interior wall	5000	P-Sft	49.27	246,350.00
	Ceiling	1000	P-Sft	49.27	49,270.00
	Making & fixing grating in opening including fixing at site with flat iron 2" x 3/8" and 3/4" sq. bars at 4" centre to centre				
	For Pound Surrounding	572.80	P-Sft	1,136.43	650,947.10
	Painting guard bars, gates of iron bars, gratings, railing (including) standards, braces etc.) and similar open works. (i) First Coat				
	Pound Grill	1152	P-Sft	7.52	8,663.04
	Plumbing work				
27	Providing and fixing European white glazed earthen ware wash down w.c pan complete with and including the cost of white/black plastic seat (Best Quality) and laid with C.P brass hinges and buffers, 3 gallons white glazed earthen ware low level flushing cistern with siphon fitting 1-1/2" dia white porcelain enameled flush bend 3/4" dia and making requisite number of holes in walls, plinth and floor	3	Each	42,352.59	127,057.77

S. No	Descriptions	Total Qty.	Unit	Rate	Amount
	for pipe connections and making good in cement concrete 1:2:4 (Foreign Quality. (SFSI# 5,P#2)				
28	Providing and fixing squatting type white glazed earthen ware W.C. pan with front flush inlet & complete with including the cost of flushing cistern with internal fitting and flush pipe with bend and making requisite number of holes in walls, plinth & floor for pipe connection & making good in cement concrete 1:2:4. (Foreign Quality)(23 inch) earthen ware trap and plastic thumble.	2	Each	13,655.06	27,310.12
29	Providing and fixing 24" x 18" lavatory basin in white glazed earthen water complete & i/c the cost of W.I or C.I cantilever brackets 6 inches built into walls, painted white in tow coats after a primary coat of red lead paint a pair of 1/2" dia chrome plated pillar taps. 1-1/2" dia rubber plug and chrome plated brass chain 1-1/4" dia malleable of C.P brass traps malleable iron or brass unions and making requisite number of holes in wall plinth and floor for pipe connections and making good in cement concrete 1:2:4 (Foreign or equivalent) (GSI# 10,P#187)	3	Each	24,094.98	72,284.94
30	Providing and fixing 6" x 2" or 6" x 3" C.I floor trap of the approved salt cleaning design with a C.I Screwed down grating with or without a vent arm complete with a l/c making requisite number of holes in walls, plinth & floor for pipe connections & making good cement concrete 1:2:4 (GSI# 20,P#189)	3	Each	1,647.07	4,941.21
31	Providing and fixing in position nylon connections complete with 1/2" dia brass stop cock with pair of brass nuts and lining joints to nylon connections (GSI# 23,P#189)	3	Each	637.65	1,912.95
32	Providing and fixing 24" x 18" beveled edge mirror of Belgium complete with 1/8" thick hard board and C.P screws fixed to wooden pleat. (b) Superior Quality. (GSI # 3, (a) P# 190)	3	Each	2,106.00	6,318.00
33	Supplying and fixing soap tray earthen ware with C.P screws etc. complete. (GSI # 5, P# 190)	3	Each	585.00	1,755.00

S. No	Descriptions	Total Qty.	Unit	Rate	Amount
34	Providing and fixing 6" x 2" or 6" x 3" C.I floor trap of the approved salt cleaning design with a C.I Screwed down grating with or without a vent arm complete with a l/c making requisite number of holes in walls, plinth & floor for pipe connections & making good cement concrete 1:2:4 (GSI# 20,P#189)	4	Each	1,647.07	6,588.28
35	Add Extra for labour for concealed G.I Pipe & fitting including making recess in the wall for Pipe & making good in cement mortar etc complete. (WSIS# 2, P# 12)				
	1/2" dia	100	Rft	275.55	27,555.00
	3/4" dia	100	Rft	334.05	33,405.00
36	Providing G.I Pipes, specials etc including fixing cutting and fitting complete with and l/c the cost of cutting trench upto 2-1/2 feet deep refilling watering ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paint to pipes & specials after cleaning & hassian cloth soaked in mixphalt composition wrapped tightly round pipes and testing to a pressure head of 200 feet and handling (GSI# 1, P# 196)				
	1" dia	40	Rft	267.12	10,684.80
	1-1/2" dia	20	Rft	723.42	14,468.40
	2" dia	20	Rft	969.12	19,382.40
37	Providing and fixing handle valves (China) (PSI# 5, P# 197)				-
	3/4" dia	2	Each	1,848.60	3,697.20
	1" dia	2	Each	1,907.10	3,814.20
	1-1/2" dia	2	Each	2,199.60	4,399.20
	2" dia	2	Each	2,492.10	4,984.20
38	Supplying and Fixing C.P Muslim Shower with double Bib cock & ring Pipe etc complete (GSI# 19 (a) , P# 199)	4	Each	5,475.60	21,902.40
39	Providing and fixing 6" x 4" C.C gully trap with 4" outlet complete with 4" thick 1:2:4 CC for bed & 1/2" thick cement plaster (1:3) to the karb, C.I grating 6" x 6" & C.I cover and frame 12" x 12" (inside) etc . Complete (GSI# 1, (a), P# 203)	4	Each	3,037.32	12,149.28

S. No	Descriptions	Total Qty.	Unit	Rate	Amount
40	Providing chambers 9"x6" (inside dimension) x24" deep for stop cocks and valves etc. with 6" thick C.C 1:2:4 cast in situ walls, 6" thick C.C. 1:3:6 in foundation, " thick cement plaster 1:3 all inside wall surfaces and to top 1" thick C.C. 1:2:4 flooring complete with hinges cast iron cover and frame 9"x6" (inside) clear opening (Wt ½ qr) etc. fixed in cement concrete 1:2:4 i/c. curing excavation, backfilling and disposal of earth etc.	2	Each	8,532.66	17,065.32
41	Providing R.C.C pipe with collars class 'B' (digging the trenches to required depth & fixing in position including cutting, fitting & jointing with asphalt composition & cement mortar 1:1 and testing with water pressure to a head of 4 ft. above the top. 4" dia R.C.C. pipe class 'B'.	40	Each	714.85	14,297.00
42	Making the connection with existing manholes i/c the cost of cutting holes in wall making them good in cement concrete 1:2:4 and making the required channel etc complete. (GSI# 3, P# 209)	2	Each	631.80	631.80
TOTAL Schedule Items					89,75,542.00
	Non Schedule item				
43	Providing, fabrication, supply and installation of Blind Dolphin/Turtle Sculpture Display Unit comprising FRP (fiberglass reinforced plastic) dolphin sculpture of approx. 3.5–4 ft length with natural finish, mounted on display pedestal (approx. 2.5 ft × 2.5 ft × 3 ft height) fabricated from MDF/steel frame with paint finish, including thematic display base with artificial rocks, sand and river ecosystem elements, and stainless steel protective rope barrier system with posts and connecting chains/rope around the display. The item shall include all fixing, anchoring, accessories, finishing and installation complete in all respects as per approved design and directions of the Engineer.	2	Each		
44	Providing, supplying, installation, testing and commissioning of indoor SMD LED display screen (6 ft × 8 ft) with pixel pitch P2/P2.5, complete with LED modules, power supply, Huidu controller system, control software, MS mounting structure with paint finish, cabling, electrical connections and all accessories, complete in all respects as approved by the Engineer.	1	Each		

S. No	Descriptions	Total Qty.	Unit	Rate	Amount
45	Providing, supplying, installation, testing and commissioning of 43-inch interactive touch screen kiosk with full HD display, IR multi-touch, Intel Core i5, 8GB RAM, 128GB SSD, Windows OS, tempered glass protection and MS floor-standing structure, including all accessories, wiring, software and complete installation as approved by the Engineer.	2	Each		
46	Providing, supplying, installation, testing and commissioning of audio system for museum gallery comprising wall-mounted speakers (30–50W), mini amplifier, wiring, connections and all necessary accessories, complete for background sound and multimedia playback, as approved by the Engineer.	1	Job		
47	Providing, supply and installation of museum lighting system comprising LED track mounted spot lights with adjustable beam angle, track rail system with electrical wiring, ambient ceiling lighting fixtures and associated drivers, connectors and mounting accessories complete in all respects suitable for museum gallery illumination as approved by the Engineer.	3	Job		
48	Providing and installation of wall-mounted information panels made of ACP/acrylic with printed graphics, complete with fixing and finishing as approved by the Engineer.	14	Each		
Total Non - Schedule Items					

Bidder's Quoted Rate on Schedule Items (Part A):

Quoted Premium / Rebate: _____ % (in figures)
 _____ (in words) [ABOVE / BELOW
 / AT PAR] with the Composite Schedule of Rates (CSR).

Rate Quoted for Rs _____ for Non – Schedule Items

Evaluated Amount of Part A: PKR _____
Schedule + Non Schedule Items

S-No	Descriptions	Quantity	Unit	Rate	Amount
	Electric Work				
	Schedule Items				
1	Providing & laying (Main or Sub Main) PVC insulated with size 3-7-3/.029 copper conductor in ¾" dia PVC conduit on surface. (GSI No. 17, Page # 229) (Rate 667.06 x 3.28 = 2187)	100	P-Rft	667.06	66,706.00
2	Providing & laying (Main or Sub Main) PVC insulated with size 3-7-.036(4mm2) copper conductor in ¾" dia PVC conduit on surface. (GSI No. 18, Page 229) (Rate 916.79 x 3.28 = 2187).	50	P-Rft	916.79	45,839.50
3	Providing & laying (Main or Sub Main) PVC insulated with size 3-7/.044(6mm2) copper conductor in 1" dia PVC conduit on surface.	50	P-Rft	1,329.97	66,498.50
4	Providing & laying (Main or Sub Main) PVC insulated with size 3-3/.029 copper conductor in ¾" dia PVC conduit recessed in the wall or coumn as required.	50	P-Rft	519.35	25,967.50
5	Providing & laying (MAIN or SUB MAIN) PVC insulated with size 3-7/.036 copper conductor in ¾" Dia PVC conduit recessed in the wall or column as required.	50	P-Rft	934.36	46,718.00
6	Providing & laying (MAIN or SUB MAIN) PVC insulated & PVC sheeted with 4 core copper conductor 600/1000 volts size 16mm2 (GSI 80#, P# 234) (Rate 1937.18 x 3.28 = 6353.95).	50	P-Rft	4,091.08	204,554.00
7	Providing & fixing DP I/C change over switch 500volts 15amp on a prepared board	1	Per No	4735.47	4735.47
8	Providing & fixing DP I/C change over switch 500volts 30amp on a prepared board	1	Per No	14358.72	14358.72
9	Providing & fixing DP I/C change over switch 500volts 60amp on a prepared board	1	Per No	27761.07	27761.07
10	Providing & fixing DP I/C change over switch 500volts 100amp on a prepared board	1	Per No	34291.54	34291.54
11	Providing & fixing circuit breaker 6,10,15,20, 30,40,50 & 63amp SP (TB-5S) on prepared board as required. (GSI#, 178, P# 243)	1	Per No	2,504.12	2,504.12
	Providing & fixing one way SP 10/15amp switch surface type	10	Per No	468.19	4,681.90

S-No	Descriptions	Quantity	Unit	Rate	Amount
	Providing & fixing three pin 10/15amp plug & socket flush type	10	Per No	677.36	6,773.60
	Providing & fixing Two pin 10/15amp plug & socket	10	Per No	617.69	6,176.90
12	Providing & fixing circuit breaker 15,20,30, 40,50,60,75 & 100amp TP (XS-100NS) on prepared board as required. (ESI#, 183, P# 244)	1	Per No	28,736.16	28,736.16
	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit on surface as required	3	Per Point	6364.33	19,092.99
	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required	3	Per Point	6573.5	19,720.50
	Wiring for plug point with 3/.029 PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as required	10	Per Point	4372.29	43,722.90
	Wiring for light or fan point with 3/.029 PVC insulated wire in 20mm (3/4") channel patti on surface as required	3	Per Point	5958.53	17,875.59
	Wiring for call bell point with 3/.029 PVC insulated wire in 20mm (3.4") channel patti on surface as required	3	Per Point	5958.53	17,875.59
13	Providing, Laying uPVC pipes of Class 'D' fixing in trench i/c cutting, fitting and jointing with solvent cement i/c teting with water to a head of 122 meter or 400 ft. (GSI # 6, P# 112)				
a	2" dia	3	P-Rft	194.71	584.13
b	4" dia	10	Meter	2,168.02	21,680.20
c	6" dia	3	Meter	4,564.11	13,692.33
	Providing & fixing A.C Electric Ceiling fan 48" (good quality)	3	No	12,191.88	36,575.64
TOTAL Schedule Items					7,77,123.00
	For External Area				
	Non Schedule Items				
19	Supplying and Installation of approved powder coated weather coated lighting distribution board required capacity for 15 nos single pole circuit breakers and 1 no main triple pole circuit breaker, including indication lamps, voltmeter, ampere meter, fuses, selector switches, bus bars etc complete in all respects as per drawing or direction of engineer incharge. (breaker cost to be paid separately)	1	Each		
24	Supplying fixing 24 watts Ceiling light in i/c wring etc. completed.	20	Each		

S-No	Descriptions	Quantity	Unit	Rate	Amount
	Provide & installation Victorian Style Light over Column of Boundary wall	6	Each		
25	Provide and Complete installation of Air condition of 2 tons	4	Each		
Total Non - Schedule Items					

Bidder's Quoted Rate on Schedule Items (Part A):

Quoted Premium / Rebate: _____ % (in figures)
 _____ (in words) [ABOVE / BELOW / AT PAR] with the Composite Schedule of Rates (CSR).

Rate Quoted for Rs _____ for Non – Schedule Items

Evaluated Amount of Part A: PKR _____
Schedule + Non Schedule Items

PART B: NON-SCHEDULE SPECIALIZED MARINE FLEET, EV INFRASTRUCTURE & GOODS

Bidders shall quote comprehensive, all-inclusive unit rates and total lump-sum prices in Pakistani Rupees (PKR) for each non-schedule item based on the full technical parameters detailed below.

Item No.	Comprehensive Technical Scope Description	Qty	Unit	Quoted Unit Rate (PKR)	Total Quoted Price (PKR)
B.1	Supply, Fabrication, Installation, Testing and Commissioning of 45-ft FRP Catamaran Ferry Hull Structure: Supply, fabrication, installation, testing and commissioning of Fibre Reinforced Plastic (FRP) Ferry Hull Structure including its specifications; fabrication and assembly of marine-grade FRP hull, deck and superstructure components; provision of internal framing, deck	1	Unit		

	plating, structural supports and all associated finishing works; handling, transportation, erection and installation at site; inspection, testing, certification and commissioning of the complete hull structure, all in accordance with approved marine standards and specifications, complete in all respects and ready for operational use. Drawings attached for Details				
B.2	Design, Supply, Installation, Testing and Commissioning of Mechanical, Electrical and Navigation (ME&N) Systems for Catamaran Ferry: Design, supply, installation, testing and commissioning of complete Mechanical, Electrical and Navigation (ME&N) Systems for Fibre Reinforced Plastic (FRP) Ferry, including propulsion system, electrical systems, navigation and communication equipment, auxiliary machinery and marine outfitting works (excluding furniture and fittings), complete marine electrical system including distribution panels, cabling, lighting and power supply; navigation and communication systems including GPS, VHF,	1	Set		

	radar/echo sounder provisions and control consoles; auxiliary machinery including pumps, bilge systems, firefighting equipment, ventilation and other essential marine systems; outfitting works including ladders, railings, fenders, bollards, cleats and safety accessories; integration, testing and commissioning of all systems; compliance with marine standards and regulations; complete in all respects as per approved design, specifications and operational requirements, ready for safe and efficient ferry operation.				
B.3	Design, Supply, Fabrication, Installation and Outfitting of Furniture & Fixtures for Catamaran Ferry: supply, installation of complete Furniture & Fixtures for Fibre Reinforced Plastic (FRP) Ferry, including passenger seating arrangements, lounge furniture, fixed and movable seating, tables, counters, cabinetry, storage units, berths (where applicable), interior paneling, decorative finishes and fittings, comprising marine-grade materials suitable for humid and saline environments;	1	Lot		

	provision of stainless steel/aluminium frames, FRP/wood composite panels, anti-skid flooring finishes, wall cladding, ceiling panels, handrails, partitions and interior fittings; installation of fixtures including lighting housings, display panels, signage, curtain/blind systems and related accessories; ergonomic layout for passenger comfort and safety; fastening, anchoring and vibration-resistant fixing suitable for marine conditions; finishing, polishing and protective coatings; complete in all respects as per approved interior layout, marine standards and safety regulations, ready for operational use.				
B.4	Supply, Delivery, Testing, and Commissioning of Complete Speed Rescue Boats: supply, fabrication/procurement, delivery, testing, and commissioning of complete Speed Rescue Boat, suitable for river and inland water operation, complete in all respects and as approved by Engineer Incharge. Scope includes FRP / marine-grade hull structure,	2	Units		

	deck, seating arrangement, steering console, canopy (if required), marine paint, anti-fouling treatment, navigation lights, safety railings, ladders, cleats, fenders, and complete outfitting. The boat shall be powered by suitable high-performance outboard petrol engine(s) of approved capacity, complete with propeller, controls, fuel tank, battery, electric start, steering system, and accessories for safe and efficient operation. Scope further includes all navigation, communication, and safety equipment, including GPS, horn, search light, , life jackets, bilge pump, battery system, and required marine accessories. The boat shall be tested, trial run, and handed over in fully operational condition, including documentation, warranty support, , complete in all respects.				
B.5	Design, Fabrication, Supply, Installation, and Commissioning of Modular Floating Jetty System: Design, fabrication, supply, transportation, installation, testing, and commissioning of complete Floating Jetty System of approximate size 40 m × 6.5 m with 15 m × 5	1	Set		

	m approach section, total area approx. 335 Sq.m, complete in all respects and as approved by Engineer Incharge. Scope includes modular HDPE/LLDPE/Wooden Pads floating pontoons, heavy-duty decking, stainless steel / galvanized handrails, approach gangway, RCC foundation/support for gangway connection, and complete anchoring/mooring system with concrete sinkers, chains, wire ropes, connectors, and marine fittings suitable for site-specific river conditions. The work shall also include supply and installation of all accessories including marine fenders, SS bollards/cleats, connecting pins, safety barriers, ladders, utility provisions, and complete structural fittings ensuring stability against water level variation, wind, waves, and current forces. The jetty shall be fully assembled, tested, and handed over in complete operational condition, suitable for safe passenger boarding, boat docking, and inland marine use, in accordance with approved design and relevant marine standards.				
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B.6	Supply, Installation, Testing and Commissioning of Electric Propulsion Drive System: supply, installation, testing and commissioning of Electric Propulsion Drive System for marine application, including high-efficiency marine-grade electric propulsion motors 2× 50kW Permanent Magnet Synchronous AC Motors (each 50kW peak) - combined 240kW peak 2× Marine Variable Frequency Drive Controllers 540VDC 220Nm 2,600 RPM IP67 Liquid-cooled Noise Level: 65 ≤ 55 dB(A) at rated load (marine acoustic standard), motor controllers, variable frequency drives (VFD) / inverters, drive units, power conversion systems, control panels, cabling and protection systems, comprising integration with propulsion arrangement (roller paddle/shaft drive), provision of speed and torque control, monitoring instruments, alarms and safety interlocks, cooling and ventilation systems, complete electrical connections, synchronization with hybrid power sources, and performance testing; complete in all respects as	1	Set		
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	per approved marine standards and operational requirements.				
B.7	Design, Supply, Installation, Testing and Commissioning of Integrated Control & Management System (ICMS): Design, supply, installation, testing and commissioning of Integrated Control & Management System (ICMS) for marine vessel, including centralized monitoring and control of propulsion, electrical, battery and auxiliary systems, comprising programmable control units (PLC/automation system), human-machine interface (HMI) displays, control consoles, sensors, communication networks, data acquisition systems, alarm and safety interlocks, real-time monitoring of system performance, integration of navigation and operational controls, software configuration, system programming and calibration, complete wiring and interfacing with onboard equipment; ensuring reliable, safe and automated vessel operation; complete in all respects as per approved design and marine control standards.	1	Set		

B.8	Design, Supply, Installation, Testing and Commissioning of 100 kWh LFP Marine Battery System: Design, supply, installation, testing and commissioning of 100 kWh Lithium Iron Phosphate (LFP) Marine Battery System, including battery modules, battery management system (BMS), enclosures, cooling and ventilation systems, safety protection systems, charging and discharging control units, integration with hybrid propulsion and electrical systems, provision of battery racks, cabling, isolation and protection devices, fire safety arrangements, monitoring interfaces, and complete installation; ensuring safe energy storage, optimized performance and long operational life; complete in all respects as per approved marine electrical standards and safety regulations.	1	Set		
B.9	Provision of Systems Engineering, Marine Electrical Integration and Commissioning: Provision of Systems Engineering, Marine Electrical Integration and Commissioning services for complete vessel systems,	1	Job		

	including detailed engineering design, preparation of electrical schematics and integration drawings, coordination of propulsion, battery, electrical and control systems, installation supervision, system interfacing, testing and calibration, troubleshooting, performance validation, sea/river trials, documentation, training of operational staff, and final commissioning; ensuring seamless integration, safe operation and compliance with marine standards and regulatory requirements; complete in all respects as per approved design and project specifications.				
B.10	Design, Supply, Installation, Testing, and Commissioning of 120 kW DC Fast Charging Station & Civil Works: supply, fabrication/procurement, delivery, testing, and commissioning of complete Speed Rescue Boat, suitable for river and inland water operation, complete in all respects and as approved by Engineer Incharge. Scope includes FRP / marine-grade hull structure, deck, seating arrangement, steering console, canopy (if	1	Unit		

	required), marine paint, anti-fouling treatment, navigation lights, safety railings, ladders, cleats, fenders, and complete outfitting. The boat shall be powered by suitable high-performance outboard petrol engine(s) of approved capacity, complete with propeller, controls, fuel tank, battery, electric start, steering system, and accessories for safe and efficient operation. Scope further includes all navigation, communication, and safety equipment, including GPS, horn, search light, life jackets, bilge pump, battery system, and required marine accessories. The boat shall be tested, trial run, and handed over in fully operational condition, including documentation, warranty support, complete in all respects.				
B.11	Supply and Delivery of Rapid Response Aquatic Wildlife Rescue Vehicle: Providing, supplying and delivery of porter H-100 or Similar suitable for rescue and field operations, equipped with diesel engine (minimum 2000cc or equivalent), manual transmission, power	1	Unit		

	steering, air conditioning, heavy-duty suspension, and standard safety features, complete with cargo loading deck, basic mounting provisions for rescue equipment, registration, insurance, documentation and all necessary accessories, complete in all respects as approved by the Engineer.				
B.12	Engineering, Fabrication, Supply, Installation, and Commissioning of 35-ft Wooden Sail Ferry Hull Structure: engineering, fabrication, supply, installation, testing and commissioning of Sail Boat Hull, including complete construction of hull structure using marine-grade materials (Wood design), comprising keel, framing, deck structure, superstructure elements (if applicable), watertight compartments, internal supports and structural reinforcements, provision of deck fittings, anti-skid surfaces, protective coatings and marine painting, corrosion protection, and finishing works; including preparation of shop drawings, structural design calculations, material procurement, fabrication, assembly, transportation, erection, inspection and	1	Unit		

	testing; complete in all respects as per approved marine design, drawings and safety standards, ready for installation of sailing and auxiliary systems.				
B.13	Supply, Installation, Testing and Commissioning of ME&N Systems for Sail Boat: supply, installation, testing and commissioning of Mechanical, Electrical and Navigation (ME&N) Systems for Sail Boat, including sailing mechanism and auxiliary propulsion systems, mast and rigging components (mast, boom, sails, ropes and fittings), electrical system including battery, wiring, lighting and distribution panels, navigation and communication equipment including GPS, VHF and basic instruments, auxiliary systems including bilge pumps and safety equipment, outfitting works such as ladders, railings, cleats, fenders and deck fittings; integration of all systems, testing, sea/river trials and commissioning; complete in all respects as per approved marine standards and operational requirements, ready for safe and efficient sailing operations.	1	Set		

SUBTOTAL	Total Non-Scheduled Specialized Fleet, EV Systems & Goods (Part B)	—	—	—	PKR _____ _____
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PART C: GRAND FINANCIAL SUMMARY & TOTAL EVALUATED BID PRICE

(Reconciliation of Part A Schedule Works, Part B Non-Schedule Works & Statutory Allocations)

Sr. No.	Scope Component Description	Calculation Basis / Source	Evaluated Cost (PKR)
1	Total Evaluated Schedule Works (Part A)	Base CSR PKR evaluated at Quoted % Premium/Rebate	PKR _____
2	Total Non-Scheduled Goods & Systems (Part B)	Sum of itemized quoted prices for Items B.1 through B.15	PKR _____
3	TOTAL BASE EPC CONTRACT PRICE (Line 1 + Line 2)	Combined direct turnkey execution cost	PKR _____
4	Sindh Sales Tax on Services (SRB)	Statutory 5.0% on applicable service components (as budgeted in PC-I)	PKR 2,32,54,231.00
5	Independent Transaction Advisory Fee	Fixed statutory 1.5% of final Base EPC Contract Price (Annexure D.7)	PKR 69,76,269.00
TOTAL	TOTAL BID PRICE	(Subtotal Base EPC Cost + SRB + Advisory Fee) <i>(Carried forward to Letter of Financial Proposal — Form F1)</i>	PKR _____

Total Evaluated Bid Price in Words:

Schedule F2-B: Verifiable Foreign Component Breakdown (ERV Framework)

(Governing Exchange Rate Variation Pursuant to ITB Clause 9)

Bidders shall state the imported foreign currency (CIF) content embedded in the quoted prices for Items B.4, B.6, and B.10. Contractual ERV adjustments shall apply strictly and exclusively to these declared values in accordance with ITB Clause 9.

Item Ref.	Description of Import Scope	Country of Origin	Manufacturer / OEM	Declared CIF Port of Entry Value (USD)	Baseline SBP Exchange Rate (PKR/USD)	Evaluated CIF Equivalent (PKR)
B.4	Dual 50 kW PMSM Motors & IP67 VFD Controllers			USD _____	[Prevailing SBP Rate]	PKR _____
B.6	100 kWh LFP Marine Battery Storage System			USD _____	[Prevailing SBP Rate]	PKR _____
B.10	120 kW Dual-Gun DC Fast Charging Unit			USD _____	[Prevailing SBP Rate]	PKR _____
	Aggregate Verifiable Import Component	—	—	USD _____	—	PKR _____

Bidder Certification & Formal Declaration

We, the undersigned, hereby certify and declare that:

1. The unit rates and total prices quoted in Part A and Part B represent the complete, exhaustive, all-inclusive cost of performing the Supplier's Obligations under this Contract in strict compliance with the Bidding Documents, naval architectural drawings, and technical specifications.
2. The prices are inclusive of all federal, provincial, and local duties, levies, customs duties, port clearance, inland transportation to Sukkur, transit insurances, and warranty obligations.
3. We have independently inspected the three candidate operational sites (**Zero Point Entertainment Point, Sadhu Bela Island, and Lab-e-Mehran**) and confirm that our quoted rates incorporate all hydraulic, bathymetric, and electrical grid interconnection considerations pursuant to ITB Clause 3.3.

4. We confirm that the Independent Advisory Consultant Fee (1.5%) is a non-competitive fixed statutory allowance that shall be disbursed directly to the designated consultant against approved deliverables.

Authorized Signatory: _____

Name of Signatory: _____

Title / Designation: _____

Name of Bidder / Joint Venture: _____

Official Stamp & Seal: _____

Date: _____

BIDDING FORM F3: DETAILS OF FINANCIAL PROPOSAL

(Unconditional Bank Guarantee on PKR 500/- Non-Judicial Stamp Paper)

BANK GUARANTEE

Guarantee No. _____

Executed on _____

Expiry date _____

[Letter by the Guarantor to the Employer]

Name of Guarantor (Bank) with address: _____

Name of Principal (Bidder) with address: _____

Guaranteed Amount (express in words and figures): _____

Date of Bid _____

The above premised, we (the Guarantor) hereby undertake irrevocably and unconditionally on demand to pay to Sukkur Municipal Corporation (the Employer), without any notice, reference or recourse to the Bidder or to any other entity or without any recourse or reference to any document, agreement, instrument or deed, any sum or sums (or any part thereof) equivalent in aggregate up to but not exceeding a maximum amount of:

[•] [•]/- ([•][•])

(the **Guaranteed Amount**)

at sight and immediately upon the receipt of the Employer's first written demand (the Demand) at the Guarantor's offices located at [•] or through SWIFT instructions transmitted by the Employer's bank (i.e. **Sindh Bank**), on behalf of the Employer, to the Guarantor, such Demand stating:

- a. that the Bidder is in breach of its obligations towards the Employer; and
- b. the total amounts demanded.

A Demand shall only be honoured by us (i) in the case of a written Demand, if it is made by and bears the signature of an authorised officer of the Employer; or (ii) in the case of a Demand transmitted through authenticated SWIFT instructions by the Employer's designated bank.

We, the Guarantor, shall unconditionally honour a Demand hereunder made in compliance with this Bank Guarantee at sight and immediately on the date of receipt of your Demand, as stated earlier, and shall transfer the amount specified in the Demand to the bank account, as

notified in the Demand, in immediately available and freely transferable funds in the currency of this Bank Guarantee, free and clear of and without any set-off or deduction for or on account of any present or future taxes, levies, imposts, duties, charges, fees, deductions or withholdings of any nature whatsoever and by whomsoever imposed.

Such demand must be received by us on or before the [●] (the Expiry Date), when this Bank Guarantee shall expire and shall be returned to us.

We have been informed that the Employer may require the Bidder to extend the validity of this Bank Guarantee if the Performance Security has not been issued thirty (30) days prior to such expiry date. We undertake to immediately pay you such Guaranteed Amount upon receipt of your written statement that the Bidder has failed to furnish the required Performance Security and this Guarantee has not been extended.

Upon expiry, this Bank Guarantee shall be returned to the Bidder without undue delay.

The Guaranteed Amount shall be revised upon receipt by us of a notice duly signed by the Employer and the Bidder of the revised guaranteed amount.

We hereby agree that any amendment, renewal, extension, modification, compromise, release or discharge by mutual agreement by the Employer, the Bidder or any other entity of any document, agreement, instrument or deed shall not in any way impair or affect our liabilities hereunder and maybe undertaken without notice to us and without the necessity for any additional endorsement, consent or guarantee by us.

This Bank Guarantee for its validity period shall not be affected in any manner by any change in our constitution or of the Bidder's constitution or of their successors and assignees and this Bank Guarantee shall be legally valid, enforceable and binding on each of their successors and permitted assignees.

All references to any contract, agreement, deed or other instruments or documents are by way of reference only and shall not affect our obligations to make payment under the terms of this Bank Guarantee.

We hereby declare and confirm that under our constitution and applicable laws and regulations, we have the necessary power and authority, and all necessary authorizations, approvals and consents thereunder to enter into, execute, deliver and perform the obligations we have undertaken under this Bank Guarantee, which obligations are valid and legally binding on and enforceable against us under the laws of Pakistan and under the laws of the jurisdiction where this Bank Guarantee is issued. Further, that the signatory(ies) to this Bank Guarantee is / are our duly authorized officer(s) to execute this Bank Guarantee.

This Bank Guarantee and all rights and obligations arising from this Bank Guarantee shall be governed and construed in all respects in accordance with the laws of Pakistan. The courts in Pakistan shall have exclusive jurisdiction in respect of any dispute relating to any matter contained herein.

The issuance of this Bank Guarantee is permitted according to the laws of Pakistan and the laws of the jurisdiction where this Bank Guarantee is issued.

This Bank Guarantee is subject to the Uniform Rules for Demand Guarantee, ICC Publication No.758.

Name:

Designation:

I. BIDDING DOCUMENTARY REQUIREMENTS

No.	Document	Requirements	
		Local Bidder	Foreign Bidder
1.	Letter of Technical Proposal and Letter of Financial Proposal	To be dated, signed by the Authorized Representative, duly witnessed, and duly stamped (PKR 100/-).	To be dated, signed by the Authorized Representative, duly witnessed, and duly stamped (PKR 100/-).
2.	Form of Bid Security	To be dated, signed by an authorized representative and duly stamped (PKR 500/-).	To be dated, signed and to be adequately adhesive stamped when brought into Pakistan with a stamp duty of PKR 500/-.
3.	Power of Attorney	To be dated; witnessed; notarized; duly stamped (PKR 1,000/-); signed by an authorized representative; and in the language as required under the ITB.	To be dated; witnessed; signed by an authorized representative; notarized by the notary public in the country where it is issued and attested by the Pakistan Embassy / Consulate; and adequately adhesive stamped when brought into Pakistan with a stamp duty of PKR 1,000/-.
4.	Affidavit	To be dated; witnessed; notarized; duly stamped (PKR 100/-); signed by an authorized person; and in the language as required under the ITB.	To be dated; witnessed; signed by an authorized representative; notarized by the notary public in the country where it is issued; and adequately adhesive stamped when brought into Pakistan with a stamp duty of PKR 100/-.
5.	Undertaking	To be dated; signed by the authorized signatory; witnessed; duly stamped (PKR 100/-); and in the language as required under the ITB.	To be in the English language and in compliance with the requirements under the ITB; notarized by the notary public in the country where it is issued and attested by the Pakistan Embassy / Consulate; and adequately adhesive

			stamped when brought into Pakistan with a stamp duty of PKR 100/-; to be dated; signed by the authorized signatory; and witnessed.
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Under the Laws of Pakistan (Qanun-e-Shahadat, 1984), the minimum witnessing requirement mandates the presence of either two males, or one male and two females to witness, for all instances of witnessing in financial matters.


Executive Engineer (Civil)
 Sukkur Municipal Corporation

ANNEXURE A: BASIC ELIGIBILITY CRITERIA

A Bid received from a Bidder, shall only be considered if all the following components (and the relevant requirements of the Bidding Documents) are satisfied:

➤ **Constitutive Documents**

- A detailed description of the Bidder including:
- Legal name;
- Complete head office contact information, including mailing address, telephone and fax numbers, and an e-mail address;
- Incorporation details, including corporate charter, articles of incorporation, and proof of legal authorization to operate in Pakistan. If the Bidder is an unincorporated legal entity, then the proof of that legal entity's existence must be provided.
- Furthermore, bidders must possess a valid registration certificate with the Pakistan Engineering Council (PEC) in Category C3 or above, incorporating active specialization codes for Electrical Works (EE-04, EE-11), Mechanical/Marine Works (ME-01, ME-06), and Civil/Hydraulic Works (CE-03, CE-04).

Foreign entities participating in the Bidding Process should submit certified true copies of their constitutive documents.

➤ **REGISTRATION WITH TAX AUTHORITIES**

The Bidder must possess a valid registration certificate from the income tax authority (i.e., the NTN certificate) and relevant sales tax authority, if applicable. Valid NTN certificate(s) and tax returns filed for last Five (5) years are to be attached and relevant sales tax certificate, if applicable.

Foreign entities participating in the Bidding Process should submit a tax certificate of their country duly notarized by Notary Public and attested by Pakistani Consulate / Pakistan High Commission of their country and tax returns filed for last Five (5) years.

➤ **AFFIDAVIT FOR GOVERNMENT OWNED LEGAL ENTITIES**

In case the Bidder is a government owned legal enterprise or institution, such Bidder, must establish that it is legally and financially autonomous and operating under commercial law.

Bidder that is a government owned legal enterprise or institution shall submit an affidavit as set out in Bidding Form T4 (Form of Affidavit) confirming that they are legally and financially autonomous and operating under commercial law.

➤ **NO CONFLICT OF INTEREST**

A Bidder found to have a conflict of interest shall be disqualified. Employer considers a conflict of interest to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations. At the time of bidding, Bidders may be considered to be in a conflict of interest with one or more parties if they, inter alia; participated as a consultant in the preparation of the design or technical / commercial / financial / legal specifications for the SUPPLIER/BIDDER 's Obligations, that are the subject of this Bidding Process.

A Bidder may also be considered to be in a conflict of interest with one or more parties in this Bidding Process if a Bidder participates in more than one (1) Bid in this Bidding Process or is an affiliate of the Employer or any of its advisors. This will result in the disqualification of all Bids in which it is involved.

A Bidder shall not be considered to be in a conflict of interest with another Bidder if such Bidder is the subsidiary of a common parent SUPPLIER/BIDDER or one Bidder is the parent SUPPLIER/BIDDER of the other Bidder, provided that the following conditions are satisfied: (i) such parent SUPPLIER/BIDDER is a sovereign state ("Sovereign") or a sovereign state-owned enterprise ("SOE"); (ii) the Sovereign, SOE and the relevant subsidiaries of the Sovereign and / or SOE participating in the Bidding Process conduct their business operations on an independent basis, are independent legal persons, have independent management and boards and are free from each other's financial obligations including independent auditing and accounting; and (iii) such Bidder has provided a legal opinion duly issued by a reputable, qualified legal counsel in its jurisdiction of incorporation confirming (i) and (ii) above.

➤ **NON- BLACKLISTING**

Each Bidder shall provide evidence, in the form of an affidavit set out as Bidding Form T4 (Form of Affidavit), of eligibility / non-blacklisting by the federal or provincial government as of the date of submission of the Bid.

A Bidder which has been declared ineligible or has been blacklisted by any of its employers / clients while providing services or performing works in Pakistan, at the date of submission of the Bid under the Bidding Documents or thereafter, shall not be considered.

➤ **LITIGATION HISTORY**

All pending litigation against the Bidder shall in total not represent more than fifty percent (50%) of the respective net worth, nor shall there be any litigation that prevents or materially impedes the Bidder from its obligations in respect of the SUPPLIER/BIDDER 's Obligations and the terms of the Agreement.

The Bidders shall provide details of the litigation, or the Bidder shall submit an affidavit set out as Bidding Form T4 (Form of Affidavit).

➤ **ELIGIBLE COUNTRIES**

A Bidder, Sub-Contractors and the Sub-Supplier, shall have the nationality of an eligible country i.e. (any country of the world with whom Islamic Republic of Pakistan has commercial / trade relations and those who are not subject to sanctions imposed by the United Nations Security Council and has a nationality that has not been proscribed under the applicable laws).

A Bidder shall be deemed to have the nationality of a country if the Bidder 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.

The above requirement shall apply to the determination of the nationality of Bidders / Sub-Contractors / Sub-Supplier.

APPLICABLE TO THE SUPPLIER/BIDDER:

➤ **FINANCIAL SITUATION/HISTORICAL FINANCIAL PERFORMANCE**

• **AVERAGE ANNUAL TURNOVER**

Minimum average annual turnover of the Supplier shall not be less than PKR Three Hundred and Fifty (350) Million.

Minimum average turnover shall be calculated based on the total payments received by the bidder for contracts completed or under execution in the last three years audited financial statements

In case the Supplier operates in country other than Pakistan, the audited financial statements shall be translated at the rate specified in the State Bank of Pakistan interbank rate as at the date of the financial statement and the same shall be audited by a reputable audit firm, certified by home country's relevant authority/regulator.

• **NET WORTH**

Minimum net worth of the Supplier shall not be less than PKR Five Hundred (500) Million (excluding any surplus on revaluation) evidenced by most recent audited financial statements.

• **TECHNICAL TRACK RECORD: MARINE & FLOATING WORKS**

Proven technical capability in marine vessel construction, shipbuilding, composite/timber hull fabrication, modular floating pontoons, or riverine hydraulic structures. Must have executed at least One (01) completed project within the last Seven (07) years. *(Qualifying projects include motorized river/marine passenger or*

utility craft of minimum 25 ft length, modular floating pontoon platforms/jetties of minimum 50 sq. meters, or naval/riverine floating structures).

Required Verification Proof: Copy of Contract Agreement / Work Order AND Completion Certificate / Client Handover Certificate / Pre-Delivery Inspection Certificate (IC) confirming physical delivery.

- **TECHNICAL TRACK RECORD: POWER, CONTROL & EV SYSTEMS**

Proven technical capability in power distribution, switchgear manufacturing, high-voltage battery systems, motor control centers (MCC), or electrical systems integration. Must have executed at least two (02) completed projects within the last seven (07) years.

Required Verification Proof: Copy of Contract Agreement / Work Order AND Completion Certificate / Goods Received Note (GRN) / Client Inspection Certificate.

- **MANDATORY CONSULTANCY FIRM & KEY PROFESSIONAL**

The Consortium must include an Engineering Consulting Firm (holding valid PEC registration as a Consulting Engineer). The consulting firm or its project-specific technical panel must have:

1. Two (02) Naval Architects, each possessing an engineering degree and further qualifications in Electrical field and Mechanical field respectively as Naval Architect with at least fifteen (15) years of post-qualification marine/shipbuilding experience.
2. One (01) Senior Professional Engineer, holding a Bachelor of Engineering (B.E. / B.Sc) with at least fifteen (15) years of professional experience.

Required Verification Proof:

- Valid PEC Consulting Firm Registration Certificate.
- Verified copies of Engineering Degrees (B.Sc / M.Sc / M.Eng) for all three nominated experts.
- Valid PEC Professional Engineer (PE) / Registered Engineer (RE) registration cards.
- Signed detailed CVs for each expert.
- Legal Sub-Consultancy Agreement, Retainer, or Association Agreement specifically executed for this project.


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ANNEXURE B: EVALUATION AND QUALIFICATION CRITERIA

DETAILED TECHNICAL EVALUATION WITH RESPECT TO THE SUPPLIER

After the initial screening of all Bidders, a detailed evaluation of a Bidder's Supplier shall be undertaken using the following criteria based on the following scoring system:

Category	Points
1. Financial score	30
2. Technical score	70
Total	100

To qualify, each Supplier must score 70 points or more and must score at least 50% in each category listed above.

Criteria for detailed evaluation:

1. Financial Score (30 Points)

Business Strength points shall be awarded under this category based on the following criteria:

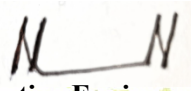
S. No.	Description	Max Points	Criteria for points obtained
1.	Net Worth <i>(as per most recent audited financial statements)</i>	15	○ 15 points, if the net worth is PKR 700 million or above; ○ 7.5 points, if the net worth is PKR 500 million or above;
2.	Minimum Average Annual Turnover <i>in the last three years</i>	15	○ 15 points, if the average annual turnover is PKR 500 million or above; ○ 7.5 points, if the average annual turnover is PKR 350 million or above;
Total Financial Score		30 Points	

2. Technical score (70 points)

Technical capability, operational competency, and professional staffing points shall be awarded under this category based on the following criteria:

S. No.	Description	Max Points	Criteria for points obtained
1.	Technical Track Record: Marine & Floating Works <i>(completed similar projects in the last 7 years)</i>	20	○ 20 points, if the Supplier has executed 2 or more qualifying marine or floating infrastructure projects; ○ 10 points, if the Supplier has executed 1 qualifying marine or floating infrastructure project;
2.	Technical Track Record: Power, Control & EV Systems <i>(completed power/electrical integration projects)</i>	15	○ 15 points, if the Supplier has executed 3 or more relevant power distribution or EV systems integration projects; ○ 7.5 points, if the Supplier has executed 2 relevant projects;
3.	Key Professional Staff & Technical Expertise <i>(Naval Architects & Senior Engineers bench)</i>	25	○ 25 points, if the nominated professional team exceeds all baseline qualification standards with extensive 15+ years marine/civil experience; ○ 12.5 points, if the team meets the mandatory minimum baseline (2 Naval Architects & 1 Senior Engineer with required credentials);
4.	Methodology, Work Plan & Vessel Design Compliance <i>(execution schedule and acoustic/zero-discharge compliance)</i>	10	○ 10 points, if the methodology comprehensively addresses all critical path risks, milestones, and strict ≤ 55 dB marine acoustic mandates; ○ 5 points, if the methodology provides standard baseline compliance;
Total Technical Score		70 Points	

Suppliers of the Bidders falling in between the evaluation bracket for Technical Evaluation will be assigned marks on interpolation basis where applicable.


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Sukkur Municipal Corporation

ANNEXURE C: NOTIFICATION OF AWARD

Date: [Insert Date]

To:

[Name and address of the Successful Bidder]

We write to formally advise you that the Sukkur Municipal Corporation has reviewed, evaluated, and accepted your sealed Technical and Financial Proposals submitted on [Insert Date] for executing the **Special Development, Ecological Protection and Community Recreational Initiative Through Introduction of Eco-Friendly Vessels, Rehabilitation and Up-Gradation of The Indus Blind Dolphin Freshwater Turtles Care & Conservation Centre, Along with Provision of Search & Rescue Vehicles for Protected Species, And Strengthening of Ecological Restoration for Achievement of SDGs In Sukkur** project scope (encompassing eco-friendly marine vessel fabrication, floating jetties, EV charging infrastructure, conservation facility rehabilitation, and rescue vehicles). This acceptance is finalized at the total aggregated and evaluated Contract Price of [Insert Amount in Figures] (Pak Rupees [Insert Amount in Words] Only), adjusted and confirmed pursuant to the provisions of the Bidding Dossier.

You are formally instructed to execute and return your countersignature on this Notification of Award within seven (7) calendar days of its issuance. Subsequently, you are required to deliver the prescribed Performance Security and formally execute the Contract Agreement within fourteen (14) calendar days from the issuance date of this notice.

You must deliver the required Performance Security no later than **one (01) calendar day** prior to the scheduled date for signing the Contract Agreement.

Please note that failure or omission to return the accepted Letter of Acceptance, execute the formal Contract Agreement, furnish the prescribed Performance Security, or submit any mandatory pre-award document within the designated timeframes shall entitle the Procuring Agency to annul this award and forfeit your submitted Bid Security in full.

This Notification of Award consolidates all mutual understandings between the Employer and your entity. Upon your formal countersignature, and subject to all governing rules of the Bidding Documents, this instrument shall operate as a binding contractual commitment until the formal Contract Agreement is formally signed.

Kindly confirm your receipt and unconditional acceptance of this award by returning one executed copy of this instrument within three (03) days, utilizing the acknowledgment space provided below.

All capitalized terms utilized herein shall maintain the definitions ascribed to them within the Bidding Documents unless explicitly stated otherwise.

For and on behalf of the Employer:

[Authorized Signature]

[Name and Title of Signatory]

[Name of Employer]

WITNESSES:

1. Signature: _____

2. Signature: _____

Name: _____
S/O: _____
Address: _____
Passport / CNIC: _____

Name: _____
S/O: _____
Address: _____
Passport / CNIC: _____

ACCEPTED

For and on behalf of the Successful Bidder,

[Authorized Signature]

[Name and Title of Signatory]

[Name of Successful Bidder]

WITNESSES:

1. Signature: _____
Name: _____
S/O: _____
Address: _____
Passport / CNIC: _____

2. Signature: _____
Name: _____
S/O: _____
Address: _____
Passport / CNIC: _____

ANNEXURE D: SUPPLIER/BIDDER'S SCOPE OF WORK

1. Introduction & Background

The Sukkur Municipal Corporation (the "Employer"), acting under the administrative framework of the Government of Sindh, intends to implement the Special Development, Ecological Protection and Community Recreational Initiative Through Introduction of Eco-Friendly Vessels, Rehabilitation and Up-Gradation of The Indus Blind Dolphin Freshwater Turtles Care & Conservation Centre, Along with Provision of Search & Rescue Vehicles for Protected Species, And Strengthening of Ecological Restoration for Achievement of SDGs In Sukkur project to establish an integrated ecological conservation, sustainable river transport, and community recreational corridor along the Indus River. The project is strategically designed to address environmental degradation, protect endangered aquatic species—specifically the Indus River Blind Dolphin (*Platanista minor*) and eight native species of freshwater turtles—and introduce regulated, low-emission eco-tourism between Zero Point, Sadhu Bela Island, and Lansdowne Bridge.

2. Location Feasibility & Site Execution Responsibility

Prior to commencing shoreline civil construction, pontoon anchoring, or charging foundation works, the Supplier / Consortium shall perform a comprehensive multi-criteria site feasibility, bathymetric survey, and electrical grid interconnection assessment across all three (3) candidate riverfront locations:

1. Zero Point Entertainment Point: Hydrological depth profile, downstream barrage eddy current assessment, passenger queuing zones, and road access.
2. Sadhu Bela Island Corridor: Island embarkation mooring stability, seasonal rock outcrop clearances, and dedicated pilgrim shuttle transit viability.
3. Lab-e-Mehran: Riverbank slope geotechnical stability, public promenade integration, high-density tourist vehicular parking, and utility grid feeder distance.

The Supplier / Consortium shall formulate and submit a comprehensive Candidate Site Evaluation & Feasibility Proposal to the Sukkur Municipal Corporation (SMC) comparing all three locations and formally recommending the most technically, hydrologically, and commercially feasible site for the installation of the modular floating jetty and 120 kW shore fast charging station. Upon receiving formal written sign-off from SMC confirming and approving the recommended site, the Supplier shall execute all shore civil works, foundation pads, pontoon anchoring, and electrical grid connections at that approved location.

3. Fleet Procurement & Marine Construction

The Supplier shall design, construct, deliver, and commission an advanced eco-friendly vessel fleet tailored for inland river operation within protected aquatic reserves, comprising:

- One (1) 45-ft Twin-Hull Catamaran FRP Passenger Ferry (Ground Floor + 1 Upper Floor with half-covered roof, 45 passenger capacity) equipped with a low-RPM dual roller paddle electric propulsion drive system and a 100 kWh Lithium Iron Phosphate (LFP) marine battery energy storage system.
- One (1) 35-ft Traditional South Asian Wooden Sail Ferry (Carvel-planked teak/iroko timber construction, 25 passenger capacity) designated for the Sadhu Bela Mandir crossing shuttle.
- Two (2) FRP Speed Rescue Boats powered by high-performance outboard petrol engines (60–75 HP) strictly reserved for emergency search, rescue, and aquatic wildlife recovery operations.

4. Supporting Shore Infrastructure & Charging Facilities

The Supplier shall fabricate, transport, and install a modular High-Density Polyethylene (HDPE/LLDPE) Floating Jetty System at Zero Point, providing an approximate total area of 335 m² (40 m × 6.5 m main platform and 15 m × 5 m approach gangway) secured with heavy concrete sinkers, articulated steel gangways, and safety handrails. Furthermore, the Supplier shall engineer, supply, and construct a 120 kW DC Fast Charging Station designed for high-voltage marine LFP battery systems, complete with an outdoor weatherproof charger (CCS2/CHAdeMO), civil foundation pad, LT incoming feeder pillar, direct-buried armoured cabling, Type-B residual current circuit breakers, and dedicated dual inspection earth pits.

5. Civil Rehabilitation & Museum Fit-Out

The Supplier shall execute comprehensive civil, structural, and architectural rehabilitation works for the Indus Blind Dolphin & Freshwater Turtles Care & Conservation Centre in Sukkur. This scope includes structural demolition, porcelain and marble flooring, stone wall cladding, Plaster of Paris false ceilings, aluminum sliding joinery, sanitary plumbing, and the supply and installation of specialized interpretive exhibits, including two (2) 3.5–4 ft FRP blind dolphin and turtle sculpture displays, a 5 ft × 8 ft indoor P2.5 SMD LED display screen, two (2) 43-inch interactive touch screen kiosks, gallery audio systems, and COB track-mounted museum lighting.

6. Rapid Response Rescue Vehicle

The Supplier shall supply and deliver one (1) Hyundai Porter H-100 (or approved equivalent) light commercial rescue vehicle equipped with a 2,000 cc diesel engine, manual transmission, power steering, air conditioning, reinforced suspension, cargo flatbed deck, electronic emergency lightbar and siren, front recovery winch, and real-time GPS tracking telemetry.

7. Mandatory Pre-Production Design & Regulatory Approvals

Following contract award and prior to initiating full-scale physical vessel lamination or timber framing, the Supplier shall prepare and submit complete engineering layouts, General Arrangement (GA) drawings, stability calculations, and where required by the Employer, a precision-scaled prototype or scale model of the 45-ft catamaran and 35-ft wooden sail ferry to the Sukkur Municipal Corporation (SMC)

and its Third-Party Engineer (TPE) for formal review. The Supplier shall incorporate all feedback and secure written engineering and aesthetic approval of the scaled prototype before commencing serial production or full-scale hull fabrication. Upon completion of the Engineering, Procurement, and Construction (EPC) phase and successful execution of River Acceptance Trials (SAT), the Supplier shall secure and deliver all mandatory statutory certifications, including **MTSS (Marine Training & Standards / Marine Type Approval)** and **PSB (Pakistan Standards Board / Standards Certification)** compliance documentation for all vessels and electrical charging systems prior to final project handover. Official vessel registration and statutory certification with the **Mercantile Marine Department (MMD)** shall be coordinated and executed directly by the Sukkur Municipal Corporation (SMC) as the statutory procuring authority; however, the Supplier shall bear full technical responsibility for preparing, compiling, and submitting all required naval architectural files, stability booklets, scantling calculations, NDT reports, and compliance dossiers required by SMC to facilitate seamless MMD registration without delay.

8. Engagement of Independent Transaction Advisory Consultant

The Bidder/Firm/Consortium shall associate with an Independent Advisory Consultant as an integral part of its bid, who shall be responsible for providing specialized technical and operational advisory services for the planning, implementation, operation and maintenance of the project.

The Advisory Consultant shall have at least ten (10) years of consulting experience and shall provide the qualified and experienced professional staff required for the assignment, as specified Mandatory Key Professionals in the Bidding Documents. The Consultant shall be responsible for preparation, implementation and periodic updating of all required operational, maintenance, safety, and emergency, environmental and financial management manuals/plans for the project.

8.1 Eligibility Requirements of Advisory Consultant

The proposed Advisory Consultant shall meet the following minimum requirements:

- Legally registered entity incorporated with SECP or a duly registered partnership firm.
- Registered with the Pakistan Engineering Council (PEC) as an eligible Consulting Firm.
- Possess valid and active registration with FBR, including a valid NTN.
- Possess valid and active registration with the Sindh Revenue Board (SRB).
- Not be blacklisted, debarred or otherwise declared ineligible by any Federal, Provincial or Public Sector authority.
- Have a minimum of ten (10) years of consultancy experience in fields.
- Deploy the mandatory qualified technical and professional staff specified in the Bidding Documents throughout the required assignment period.

8.2 Scope of Services of Advisory Consultant

The Advisory Consultant shall, at a minimum, be responsible for the following:

a. Operations & Maintenance (O&M) Manual

Prepare a comprehensive and project-specific O&M Manual covering daily operational procedures, inspection and maintenance checklists, vessel operation, charging protocols, waste management, environmental safeguards, acoustic/noise control requirements, protection of the Indus Blind Dolphin (*Platanista minor*) and freshwater turtle habitat, routine servicing, dry-docking, insurance, spare-parts management and other lifecycle maintenance requirements.

b. Safety, Emergency & Fire-Fighting Manuals

Prepare comprehensive Safety, Fire-Fighting and Emergency/Rescue Manuals covering operational safety, emergency response procedures, rescue arrangements, passenger safety, vessel emergencies, fire prevention and response, evacuation procedures and coordination with relevant emergency and conservation agencies.

c. Manpower & HR Plan

Determine the required operational manpower, organizational structure, staffing levels, qualifications, duties and responsibilities for vessel crews, rescue personnel, divers, electrical/technical staff, conservation personnel, maintenance staff, security and other project operations.

d. Energy & Fuel Consumption Assessment

Determine and document the electrical load and energy requirements of the proposed 120-kW DC Fast Charging Station, including charging requirements, battery management and projected electricity consumption. The Consultant shall also assess and quantify the annual/monthly fuel requirements of auxiliary and rescue equipment, where applicable.

e. Lifecycle O&M Costing and Financial Planning

Prepare a comprehensive multi-year O&M cost estimate covering electricity/energy, fuel, routine and preventive maintenance, servicing, dry-docking, insurance, spare parts, manpower, administration and other operational expenditures throughout the project lifecycle.

f. Financial Sustainability and Inflation Provision

The Bidder and its Advisory Consultant shall ensure that all foreseeable financial implications of operation and maintenance are assessed on an annual basis, incorporating appropriate provisions for inflation, escalation in utility and fuel costs, manpower costs, maintenance requirements, replacement of components and other recurring expenditures over the project lifecycle.

g. Updating and Compliance

The Advisory Consultant shall periodically review and update the above manuals, operational procedures and financial projections in accordance with actual operating experience, applicable laws, environmental requirements, safety standards and directions of the Competent Authority.

8.3 Professional Fee

The professional fee payable to the Independent Advisory Consultant shall be included in the Bidder's quoted BOQ price and shall cover all consultancy services, professional staff, preparation and updating of manuals, technical assessments, financial modelling, field visits, reporting and other services required for complete discharge of the Consultant's responsibilities under the project.

The Bidder shall remain responsible for ensuring that the Advisory Consultant performs the assignment in accordance with the requirements of the RFP, the Contract, applicable laws and regulations, and the approved project manuals and operational framework.



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ANNEXURE E: EMPLOYER'S REQUIREMENTS

1. General Operational Environment & Conservation Constraints

The operational zone encompasses the Indus River corridor situated between Sukkur Barrage, Sadhu Bela Island, and Lansdowne Bridge. The operational area lies entirely within the protected freshwater reserve established for the endangered Indus River Blind Dolphin (*Platanista minor*) and eight native species of freshwater turtles. All vessel navigation must strictly respect designated game reserve boundaries, no-wake zones, and seasonal breeding closures.

Underwater acoustic noise emissions generated by all primary eco-tourism vessels shall strictly not exceed ≤ 55 dB(A) **at rated load** (marine acoustic standard) / < 115 dB re $1 \mu\text{Pa}$ to prevent disruption to dolphin echolocation and behavioral patterns. All vessels operating under the project shall adhere to a strict zero-discharge policy ensuring that no sewage, greywater, oily bilge residues, or solid waste is discharged or released into the river or surrounding aquatic ecosystem, featuring onboard holding tanks, oil-water separators, and segregated waste bins. Permissible operating speeds include a cruising speed of 4–6 knots, maximum speed of 8 knots in open water, and < 10 knots in designated game reserve sections.

2. Technical Specifications — 45-ft Double-Deck Electric Fiber Ferry

Twin-Hull Catamaran Ferry (Ground Floor + 1 Upper Floor with half-covered roof); Overall Length (LOA): $45 \text{ ft} \pm 3 \text{ ft}$ (13.72 m); Beam / Max Breadth (B_{MAX}): $20 \text{ ft} \pm 3 \text{ ft}$ (6.1 m); Maximum Draught (T_{MAX}): $3 \text{ ft} \pm 1.5 \text{ ft}$ (0.91 m); Displacement: $12,000 \text{ kg} \pm 1,000 \text{ kg}$; Passenger Capacity: 45 Passengers + Crew; Hull material in marine-grade Fiberglass Reinforced Plastic (FRP / GRP) hand lay-up / resin infusion (min. 6 plies) with gelcoat outer skin; Isophthalic polyester resin above waterline and Vinyl Ester resin below waterline; with Mild Steel (MS) structural skeleton; low-RPM Dual Roller Paddle System (~ 2 m diameter) driven by dual High-Torque Permanent Magnet Synchronous AC Motors (PMSM) rated at 50 kW peak output per motor (100 kW combined peak); IP67 liquid-cooled VFD controllers; 100 kWh Lithium Iron Phosphate (LiFePO_4 / LFP) marine battery system operating at 540 VDC nominal; centralized VCU with CAN-Bus interface; 1×85 HP 4-stroke Yamaha/Mercury outboard petrol engine for emergency backup; complete with 12 TR marine HVAC, 450 L potable water tank, and sanitation modules.

Electric Propulsion

Dual independently driven low-RPM roller paddle wheels, each powered by a high-torque Permanent Magnet Synchronous Motor (PMSM) rated at 50 kW continuous / 100 kW combined peak, complete with dedicated liquid-cooled IP67 Variable Frequency Drives (VFD) and wheelhouse helm controls.

Battery System

100 kWh Lithium Iron Phosphate (LiFePO_4 / LFP) Marine Battery System operating at nominal 540 VDC, complete with active BMS, liquid thermal management, high-

voltage isolation protection, emergency shutdown, and bidirectional charging interface.

Propulsion Control

Integrated propulsion control and monitoring with independent and synchronized paddle-wheel control, helm display, equipment integration, fault alarms, power limiting and hardwired emergency shutdown.

3. Technical Specifications — 35-ft Dedicated Sadhu Bela Wooden Sail Ferry

Single-Deck Traditional South Asian Dhow / Wooden Sail Ferry with curved bowsprit; Overall Length (LOA): 35 ft ± 3 ft (10.7 m); Beam: 12 ft ± 3 ft (3.66 m); Draught: 2 ft ± 0.5 ft (0.6 m); Displacement: 2,000 kg ± 100 kg; Passenger Capacity: 25 Passengers + Crew; heavy section keel in first-quality Teak (*Tectona grandis*) or Iroko with carvel-planked teak/mahogany hull fully encapsulated in epoxy and copper antifouling paint; deck-stepped 6082-T6 anodized aluminium mast with Dacron sails and 1 × 19 SS316 standing rigging; manual rowing system with 4.0 m aluminium shaft oars; 1 × 50 HP 4-stroke outboard petrol engine for emergency backup; 24V AGM battery bank and 9,000 BTU DC marine air conditioner.

4. Technical Specifications — Speed Rescue Boats (Emergency Response)

Dedicated emergency response, passenger search & rescue, and aquatic wildlife rescue (Indus Blind Dolphins and freshwater turtles); FRP hull, steering console, canopy, SS316 safety railings, dock fenders; high-performance outboard petrol engine (60–75 HP); complete with handheld GPS, 1,000 m searchlight, electric siren (≥ 120 dB), SOLAS life jackets, bilge pump, and anchoring gear.

5. Technical Specifications — Supporting Shore Infrastructure

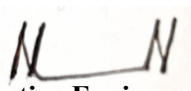
Modular High-Density Polyethylene (HDPE) / LLDPE Floating Jetty System at Zero Point ($\approx 335 \text{ m}^2$ total area comprising a 40 m × 6.5 m platform and 15 m × 5 m gangway) with concrete sinkers; 120 kW DC Fast Charging Station delivering 200–1000 VDC via dual CCS2/CHAdeMO connectors, reinforced concrete foundation, 4-core 70 mm² SWA armoured cabling, Type-B RCCB protection, and dual inspection earth pits ($\leq 1 \Omega$).

6. Technical Specifications — Research & Rescue Centre & Museum Displays

Full civil rehabilitation including porcelain tiling, false ceilings, and aluminum joinery; two (2) 3.5–4 ft blind dolphin and turtle sculpture displays on steel pedestals; one (1) 5 ft × 8 ft indoor P2.5 SMD LED display screen; two (2) 43-inch interactive touch screen kiosks; gallery audio systems; and COB track-mounted museum lighting delivering 150–300 lux.

7. Technical Specifications — Rapid Response Aquatic Wildlife Rescue Vehicle

Light commercial rescue chassis with 2,000 cc diesel engine; air-conditioned crew cabin; open flatbed cargo loading deck with wildlife transfer provisions; roof-mounted LED lightbar and siren; front electric recovery winch; real-time GPS tracking and 1-year insurance.


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Sukkur Municipal Corporation

ANNEXURE F: SCHEDULE OF PAYMENT MILESTONES

All public development funds allocated under the consolidated scheme shall be disbursed directly by the Sukkur Municipal Corporation from developmental project funds into the Supplier's verified corporate bank account against verified physical milestones certified by the Third-Party Engineer (TPE) and SMC Project Director:

Payment Milestone	Scope / Deliverable Trigger Event	Milestone %	Retention & Verification Rules
Milestone 1	Formal contract signing, submission of the comprehensive Site Evaluation & Feasibility Proposal across the three candidate locations (Zero Point Entertainment Point, Sadhu Bela, and Lab-e-Mehran) recommending the optimal site, and submission of an unconditional 100% Advance Payment Bank Guarantee (APG) from an AA-rated Pakistani scheduled bank: 15% of the Contract Price (5% Retention Money deducted; APG maintained active until safe physical site delivery).	15%	5% Retention Money deducted. APG maintained active until safe physical site delivery.
Milestone 2	Written TPE approval of complete Naval Architect workshop drawings, structural scantlings, and physical completion of FRP catamaran twin hulls and wooden dhow framing.	20%	Verified via physical inspection report by TPE and SMC. 5% Retention deducted.
Milestone 3	Presentation of Clean Bills of Lading, factory test certificates, and accredited Pre-Shipment Inspection (PSI) certificates for imported PMSM motors, 100 kWh battery pack, and 120 kW charger.	25%	APG value reduced proportionally. 5% Retention deducted.

Milestone 4	Safe arrival, customs clearance, offloading, and physical inventory acceptance of all vessels, floating jetty modules, rescue vehicles, and charging hardware at the approved Sukkur project site.	25%	Joint verification certificate signed by SMC and TPE. 5% Retention deducted.
Milestone 5	Successful completion of River Acceptance Trials (SAT) on the Indus River, acoustic noise verification (≤ 55 dB(A)), completion of Dolphin Centre museum fit-out, and issuance of Provisional Acceptance Certificate (PAC).	15%	Full discharge and return of Advance Payment Guarantee (APG).
Release of Retention Money	Full expiration of the twenty-four (24) month DLP and issuance of Final Acceptance Certificate (FAC).	100% of Retention	Performance Security discharged; 6-year Structure and 3-years other items Corporate Warranty Deed delivered.


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