



**MUNICIPAL CORPORATION SUKKUR
GOVERNMENT OF SINDH**

REQUEST FOR PROPOSAL (RFP) / BIDDING DOCUMENT

IN RELATION TO THE

HIRING OF A SUPPLIER/BIDDER

FOR

**PROCUREMENT, FABRICATION, SUPPLY, TESTING & COMMISSIONING OF 90-
FT ECO-FRIENDLY WOODEN CRUISE FERRY, SPEED RESCUE BOATS, AND
ALLIED SHORE CHARGING INFRASTRUCTURE IN SUKKUR**

ISSUED ON: OCTOBER 2026

TENDER NOTICE / LETTER OF INVITATION & BIDDING DATA



SUKKUR MUNICIPAL CORPORATION

No: SMC/XEN/Dev/OS/- 1956 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	Procurement, Fabrication, Supply, Testing & Commissioning Of 90-Ft Eco-Friendly Wooden Cruise Ferry, Speed Rescue Boats, And Allied Shore Charging Infrastructure In Sukkur.	437.603	5%	Rs. 5,000	2 Years
02	Procurement of Stationary, Office Supplies and Office Equipments for various Branches of Sukkur Municipal Corporation.	5.00	5%	Rs. 5,000	1 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	21-10-2026 @ 11:00 AM	06-11-2026 @ 11:00 AM
Opening of E-Bids in the presence of Procurement Committee / Participating Contractors / Firm's / JV/ Consortium authorized Agents who may attend.	21-10-2026 @ 11:30 AM	06-11-2026 @ 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-1 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 contractors / firms in advance. Financial bids / proposals of technically un-qualified contractors shall be returned to them un-opened.
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

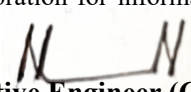
UNDER FOLLOWING CONDITIONS BIDS WILL BE STANDS REJECTED

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

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.

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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 provision 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 by a Bidder through the SPPRA EPAD portal.

"Bid Security" means the unconditional bank guarantee or pay order equal to **five percent (5%) of the Bidder's total Bid Price**, furnished by the Bidder as part of its Technical Proposal.

"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 wooden cruise ferry, speed rescue boats, propulsion systems, battery bank, shore fast charger, and allied charger foundation works.

"Exchange Rate Variation" or "ERV" means the price adjustment framework governing currency movements between PKR and USD, applicable strictly and exclusively to the verified foreign currency (CIF) import value of traction batteries, fast charging stations, and propulsion motors declared in Schedule F2-A. Symmetrical adjustments apply beyond a neutral deadband of $\pm 5.0\%$, subject to an absolute cumulative ceiling of ten percent (10%) of the declared CIF import value.

"Goods & Works" means the 90-ft Multi-Deck Wooden Cruise Ferry, 4 FRP Speed Rescue Boats, 180 kW DC Fast Charging Station, shore transformer/electrical interconnects, and allied site civil works.

"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 bank guarantee in PKR equal to five percent (5%) of the Contract Price, 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 Procurement, Fabrication, Supply, Testing & Commissioning Of 90-Ft Eco-Friendly Wooden Cruise Ferry, Speed Rescue Boats, And Allied Shore Charging Infrastructure In Sukkur project.
- 1.2 The scope of work comprises the preliminary site feasibility assessment across three designated riverfront locations (Lab-e-Mehran, Zero Point, and Sadhu Bela); the engineering, timber fabrication, assembly, supply, installation, outfitting, testing, and commissioning of one (1) 90-ft multi-deck eco-friendly wooden cruise ferry equipped with a dual electric paddle-wheel drive (2 x 120 kW PMSM motors), a 200 kWh LFP marine battery energy storage system, and an integrated 250–300 HP auxiliary marine diesel emergency propulsion package; four (4) marine-grade FRP speed rescue boats powered by high-performance 4-stroke outboard petrol engines; one (1) turnkey 180 kW DC marine fast charging station complete with associated civil pad, earthing pits, and electrical grid interconnection infrastructure; and all systems engineering, testing, river trials, and regulatory compliance dossiers, all in strict adherence to the technical specifications, acoustic noise ceilings (55 dB(A)), zero-discharge environmental mandates, and requirements 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

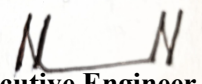
- 2.1 A Bidder may be a private corporate entity, a state-owned enterprise, an established local industrial manufacturer, or a formal Joint Venture (JV) / Consortium of not more than three (3) legal entities.
- 2.2 Bids submitted by a Joint Venture or Consortium must designate a local Lead Member duly 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 (EE-04, EE-11, ME-01, ME-06, CE-03, CE-04) may be satisfied collectively across the designated members of a formal Joint

Venture or Consortium, provided that the Lead Member holds PEC Category C3 or above.

- 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.


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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 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 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 strongly advised and encouraged to visit, inspect, and independently examine all candidate operational sites along the Indus River corridor in Sukkur—specifically (i) Lab-e-Mehran, (ii) Zero Point, and (iii) Sadhu Bela Island (inclusive of the intermediate Lansdowne Bridge river transit corridor)—at their own cost, risk, and administrative liability.

The purpose of such field examinations shall be to enable Bidders to independently assess and satisfy themselves regarding local hydraulic regimes, seasonal bathymetric variations, riverbank geotechnical stability, low-water draft clearances required for the 90-ft vessel hull (9 ft depth / $\approx$ 1.30 m waterline), shoreline pedestrian and vehicular access, proximity to the electrical distribution network for

the 180 kW DC fast-charging interface, and all other environmental, physical, and navigational constraints that may impact the execution of the Supplier's Obligations or the formulation of the technical methodology and financial bid. The Employer shall accept no claims, variations, or time-extensions arising from a Bidder's failure to fully acquaint itself with site-specific conditions across these candidate locations.

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.
- (a) Technical Proposal Envelope: Shall contain all technical compliance documents and a scanned copy of the Bid Security with the monetary figure redacted/masked.
- (b) Financial Proposal Envelope: Shall contain completed Form F1, itemized BOQ (Form F2), and an unmasked copy of the Bid Security.
- 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 15.2;
 - (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) 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;
- (vii) A list of transit project insurances to be obtained by the Bidder in accordance with ITB 32
 - (viii) 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 Quantities (Bill of Quantities), as set out in Bidding Form F2, providing a complete cost breakdown for all **nine (9) non-schedule items** and associated works;
 - (iii) The Bid Security, as set out in Bidding Form F3, equal to **five percent (5%) of the Bidder's total Bid Price**, 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 and Exchange Rate Variation (ERV)**
- 9.1 All rates and prices shall be quoted, evaluated, and paid exclusively in PKR.
- 9.2 ERV price adjustments shall apply strictly and exclusively to the verifiable foreign currency (CIF) import value of the 200 kWh Marine Battery System (Item 6), 180 kW Fast Charging Station (Item 9), and PMSM Electric Motors (Item 4) declared in Schedule F2-A. ERV shall not apply to timber procurement, local labor, civil works, taxes, or contractor margins.
- 9.3 The Baseline Exchange Rate shall be the SBP Ready Selling Rate 28 days prior to submission. The Settlement Rate shall be the SBP Ready Selling Rate on the date of customs clearance (GD) or retirement of shipping documents.
- 9.4 A neutral deadband of $\pm 5.0\%$ shall apply. Fluctuations within $\pm 5.0\%$ are absorbed by the Supplier. Variances exceeding $\pm 5.0\%$ shall be adjusted symmetrically (reimbursed upon depreciation, credited to Employer upon appreciation).
- 9.5 Total net ERV adjustments shall not exceed an absolute ceiling of ten percent (10%) of the declared CIF value.

10. Currencies and Modes 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 collateralization, 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 banking fee or margin liabilities. All references to a Tripartite Escrow Account are deleted.

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 as a CDR, Pay Order, or Bank Guarantee (Form F3).

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

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.

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 and physically delivered in hard copy to the designated office 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 schedule published in 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 During the Technical Bid Opening, the Employer shall unseal each Technical Proposal envelope one at a time and read out and record:

- (a) The legal name of the Bidder and the presence of a formal JV/Consortium agreement;
- (b) Whether there is any modification, substitution, or withdrawal notice;
- (c) 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; and
- (d) Any other details as the Employer considers appropriate.

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 (PKR **2,18,80,169**) 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 Points; Technical Score: 70 Points).

25.2 To qualify technically and proceed to Financial Proposal opening, each Bidder must achieve an aggregate technical score of not less than **70 Points**, while scoring at least fifty percent (50%) in each individual category.

25.3 Following technical qualification, the Financial Proposals of all technically qualified Bidders shall be opened publicly. The Contract shall be awarded to the Bidder offering the lowest evaluated total Contract Price in PKR (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.


Executive Engineer (Civil)
Sukkur Municipal Corporation
Sukkur Municipal Corporation

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.

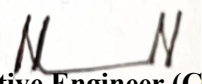
29.4 The Contractor shall bear the burden of demonstrating that an alleged defect falls within an applicable exclusion.

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

30. Signing of Contract and Agreement

30.1 The Contract Agreement shall be formally executed between the Employer and the successful Bidder within fourteen (14) calendar days of issuance of the Notification of Award.

30.2 Failure of the successful Bidder to execute the Contract Agreement or the Tripartite Escrow 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).

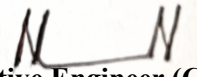
36. Governing Law and Dispute Resolution

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 Radiated underwater noise emissions shall strictly not exceed ≤ 55 dB(A) at rated load / < 115 dB re 1 μ Pa. This acoustic limit applies strictly and exclusively to the Cruise Ferry operating under primary electric paddle propulsion during normal cruising.
- 37.3 The auxiliary emergency 250–300 HP diesel engine and the FRP speed rescue boats are strictly exempted from the ≤ 55 dB(A) acoustic ceiling when engaged in emergency recovery, flood response, or emergency search and rescue operations.



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, Procurement and Construction Agreement' (attached as Part II to the Bidding Documents) and undertake to execute the same within the time period stipulated in 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.

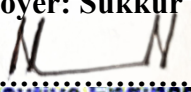
[name of Bidder SUPPLIER/BIDDER] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, 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]


Executive Engineer
Sukkur Municipal Corporation

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 Feasibility Assessment	Written commitment and technical proposal evaluating Zero Point Entertainment Point, Sadhu Bela, and Lab-e-Mehran, formally recommending the optimal site for vessel berthing and shore charging installation pursuant to ITB 3.3.	
90-ft Cruise Ferry Principal Particulars	Multi-deck wooden passenger ferry; LOA: 90 ft (27.43 m); Beam: 30 ft (9.14 m); Depth: 9 ft (2.74 m); Keel Length: 85 ft (25.90 m); per approved General Arrangement drawing.	
Hull & Superstructure Materials	Keel, frames, and structural members fabricated from first-quality seasoned Teak/Iroko; marine hardwood / BS 1088 marine plywood / light gauge steel for decking and planking; timber preservative, epoxy barrier coating, and non-toxic marine antifouling below waterline.	
Primary Electric Propulsion System	Dual paddle-wheel drive powered by 2 × 120 kW peak high-torque Permanent Magnet Synchronous Motors (PMSM) (240 kW combined peak), liquid-cooled, IP67 enclosure, marine VFD controllers (540 VDC). Dual paddle-wheel propulsion, with each paddle wheel independently driven by one (1) high-torque Permanent Magnet Motor (PMM), rated 75 - 100 kW continuous output at approximately 80 rpm. Each propulsion motor shall be controlled by a dedicated approx. 130 kW Variable Frequency Drive (VFD), suitably rated and protected for installation in the vessel's machinery/electrical compartment. The complete propulsion arrangement shall	

	provide independent speed and directional control of each paddle wheel from the wheelhouse.	
Marine Acoustic Noise Ceiling	Radiated underwater operational noise emissions strictly ≤ 55 dB(A) at rated load (< 115 dB re $1 \mu\text{Pa}$) to safeguard the Indus River Blind Dolphin (<i>Platanista minor</i>) habitat.	
Emergency Auxiliary Diesel Drive	250–300 HP marine diesel auxiliary package with shafting/mounts, dry hospital-grade exhaust silencer, and zero-discharge double-containment fuel piping dedicated strictly to emergency backup and limp-home propulsion.	
LFP Marine Battery Storage System	200 kWh Lithium Iron Phosphate (LiFePO_4) battery system operating at 540 VDC nominal, liquid-cooled, active BMS, HV PDU box, and thermal management system. Marine-suitable LiFePO_4 battery system, preliminary capacity of 200 kWh, complete with BMS, thermal management, HV protection, isolation monitoring, emergency shutdown and bidirectional PCS charging interface	
Integrated Control & Management (ICMS)	Centralized Vehicle Control Unit (VCU), CAN-bus integration, PDU with pre-charge, DC-DC converter, dual throttles, alarm panels, and emergency cutoff. Integrated Propulsion Control and Monitoring System providing independent port and starboard paddle-wheel speed and direction control, synchronized operation, helm displays, BMS/PCS/VFD integration, fault alarms, power limitation and hardwired emergency shutdown.	

Shore DC Fast Charging System	180 kW outdoor weatherproof dual-port marine DC fast charger (CCS2/CHAdeMO compatible), foundation plinth, LT feeder connection, armoured cabling, and dual inspection earth pits ($\leq 1 \Omega$).	
Speed Rescue Boat Fleet	Exactly four (4) units of marine-grade FRP rescue boats powered by high-performance 4-stroke outboard petrol engines, complete with steering console, 1,000 m searchlight, and wildlife recovery gear.	
Environmental Zero-Discharge Mandate	Strict zero-discharge of blackwater, greywater, oil residues, and solid waste; complete with onboard holding tanks, and shore discharge valves.	
Design Drawings & Scantling Submissions	Submission of 4-view external perspectives, interior passenger seating plans, single-line electrical diagrams (SLD), stability calculations, and scantling structural profiles.	

“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 and naval architectural layouts for all proposed vessels and shore infrastructure—specifically the **90-ft multi-deck wooden cruise ferry**, the **speed rescue boats (4 units)**, and the **allied 180 kW shore charging facility**.

For the 90-ft wooden cruise ferry, drawings must conform to the attached General Arrangement (GA) drawing (90' × 30' × 9', Keel 85'), providing distinct views that illustrate:

- **Hull & Superstructure Elevations:** Port side, starboard side, forward (front), and aft (rear) elevation views distinctly highlighting the multi-deck arrangements, passenger cabins, wheelhouse/helm positions, staircases, and paddle-wheel housings.

- **General Arrangement & Deck Plans:** Detailed deck layout drawings for Deck 01, Deck 02, and Wheelhouse Deck, detailing key dimensions, passenger seating layouts, lounge furniture, egress/evacuation paths, sanitation modules, and lifesaving appliance (LSA) placements.
- **Propulsion & Machinery Layout:** Machinery space general arrangement indicating the structural placement of the dual electric PMSM paddle-wheel drive train, the 200 kWh LFP marine battery enclosure, and the isolated mounting arrangement for the 250–300 HP emergency auxiliary marine diesel system (including fuel containment, silencer, and dry exhaust routing).
- **Speed Rescue Boats (4 Units):** General arrangement, hull lines, seating configurations, console arrangements, and equipment stowage for the four (4) FRP speed rescue craft.
- **Shore Charging Station & Civil Layout:** Civil foundation pad drawings, single-line diagrams (SLD), cable routing profiles, and earthing pit details for the 180 kW DC fast charger.

All detailed drawings and naval architectural submissions 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 hull, superstructure, framing, and structural materials utilized for all vessels and shore installations, demonstrating suitability for freshwater riverine environments and compliance with the zero-discharge ecological requirements of the Indus River corridor.

The technical submission must explicitly detail:

- **90-ft Wooden Cruise Ferry:**
 - **Structural Backbone & Framing:** First-quality seasoned Teak (*Tectona grandis*) or Iroko (or approved marine hardwood equivalent) for the keel (85 ft), stems, structural ribs/frames, longitudinal stringers, and deck beams.
 - **Hull Planking & Decking:** Marine hardwood carvel planking and BS 1088 marine plywood for internal decking, cabin bulkheads, and superstructure partitions.
 - **Caulking, Sealing & Protective Barrier:** Traditional marine caulking, timber preservatives, moisture-barrier epoxy encapsulation, and non-toxic, eco-compliant antifouling below the waterline.

- **Metallic Components & Fasteners:** All hull fixings, structural bolts, paddle-wheel drive shafts, guardrails, and deck hardware (bollards, cleats) shall be high-grade stainless steel (SS316) or marine-grade bronze/aluminum.
- **Speed Rescue Boats (4 Units):** Marine-grade fiberglass-reinforced plastic (FRP/GRP) using premium isophthalic/vinyl ester resins, marine gelcoat, reinforced transoms for 4-stroke outboard engines, and SS316 handrails/fittings.
- **Shore Charging Infrastructure:** Corrosion-resistant, IP-rated outdoor weatherproof enclosures, heavy-duty hot-dip galvanized mounting hardware, and copper earthing infrastructure designed for riverside ambient conditions.

This comprehensive material description and material verification schedule shall be formally attached as part of the Technical Proposal.



Executive Engineer
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)*

S.No	Descriptions	Total Qty.	Unit	Rate	Amount
	Non Schedule Items				
1	Supply, fabrication, installation, testing and commissioning of Wooden Ferry Hull Structure including its specifications; fabrication and assembly of marine-grade timber hull, deck and superstructure components using traditional shipwright construction methods; provision of keel, ribs (frames), internal framing, deck planking, structural supports, caulking/sealing and all associated finishing works; treatment of timber with approved marine-grade preservatives and coatings for water and weather resistance; 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.	1	Each		

S.No	Descriptions	Total Qty.	Unit	Rate	Amount
2	Design, supply, installation, testing and commissioning of complete Mechanical, Electrical and Navigation (ME&N) Systems for Wooden Ferry, including propulsion system comprising marine diesel engine of 250–300 HP with associated shafting, propeller, engine mounts, exhaust system and fuel supply arrangement; 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, suitably insulated and protected for a timber hull environment; navigation and communication systems including GPS, VHF, 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 suitable for timber deck and hull fixing; 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.	1	Each		

S.No	Descriptions	Total Qty.	Unit	Rate	Amount
3	Supply, installation of complete Furniture & Fixtures for Wooden 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; provision of stainless steel/aluminium frames, solid wood/marine plywood 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 timber structural members; finishing, polishing, varnishing and protective coatings against moisture and marine borers; complete in all respects as per approved interior layout, marine standards and safety regulations, ready for operational use.	1	Each		

S.No	Descriptions	Total Qty.	Unit	Rate	Amount
4	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 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.	1	Each		

S.No	Descriptions	Total Qty.	Unit	Rate	Amount
5	Design, supply, installation, testing, and commissioning of complete 180 kW DC Fast Charging System for electric boats / marine battery charging applications, complete in all respects and as approved by Engineer Incharge. Scope includes supply of 180 kW outdoor weatherproof DC charger, with smart controls, digital display, emergency stop, protection systems, charging cables/connectors, and compatibility with high-voltage lithium battery systems. The work shall also include all electrical and civil installation works, including foundation, mounting, LT panel connection, cabling, breakers, earthing, conduits, terminations, testing, commissioning, operator training, manuals, and warranty support.	1	Each		
6	Electric Propulsion Drive System 2× Permanent Magnet Synchronous AC Motors (each 120kW 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)	1	Each		
1	Integrated Control & Management System Vehicle Control Unit (VCU) · Battery Management System (BMS) PDU with Pre-charge DC-DC · On-Board Charger LV & HV Wiring Harness (customised) · Gear Panel · Throttle Operator · Ignition Module	1	Each		
8	200 kWh LFP Marine Battery System LiFePO4 Battery Pack: 540Vdc · 200kWh · 1C charge/discharge · IP67 Marine-rated Liquid-cooled · Active BMS · HV PDU Box · HV Wire Harness · Thermal Management System · Liquid-cooled Panels	1	Each		

S.No	Descriptions	Total Qty.	Unit	Rate	Amount
9	Systems Engineering, Marine Electrical Integration & Commissioning Detailed HV electrical design · VFD parameter optimisation · BMS commissioning Marine wiring installation · Propulsion alignment & sea-trial calibration Operator training · Project Handover · 12-month post-commissioning support	1	Each		
10	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 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.	4	Each		
Total Non-Schedule Items					

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 Non-Scheduled Goods & Systems	Sum of itemized quoted prices for Items B.1 through B.10	PKR _____
2	TOTAL BASE EPC CONTRACT PRICE	Direct turnkey execution cost	PKR _____
3	Sindh Sales Tax on Services (SRB)	Statutory 5.0% on applicable service components (as budgeted in PC-I)	PKR 2,05,44,760.00
5	Independent Transaction Advisory Fee	Fixed statutory 1.5% of final Base EPC Contract Price (Annexure D.7)	PKR 61,63,428.00
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-A: Verifiable Foreign Component Breakdown (ERV Framework)*(Governing Exchange Rate Variation Pursuant to ITB Clause 9)*

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

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)
Dual 75–100 kW PMSM Motors & Liquid-Cooled VFD Inverters			USD _____ –	[Prevailing SBP Rate]	PKR _____ –
200 kWh LFP Marine Battery Storage System & BMS			USD _____ –	[Prevailing SBP Rate]	PKR _____ –
180 kW Dual-Gun DC Fast Charging Unit			USD _____ –	[Prevailing SBP Rate]	PKR _____ –
Aggregate Verifiable Import Component	—	—	USD _____ –	—	PKR _____ –

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 or other representative of the Employer; or (ii) in the case of a Demand transmitted through SWIFT, if it is transmitted through authenticated SWIFT instructions by the Employer's bank (i.e. Sindh Bank , on behalf of the Employer.

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 this Bank Guarantee 5%, 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 by us of your demand in writing and your written statement that the Performance Security has not been issued and that this Bank 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 turn over 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 BENCH**

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 field:

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 tender “**Procurement, Fabrication, Supply, Testing & Commissioning Of 90-Ft Eco-Friendly Wooden Cruise Ferry, Speed Rescue Boats, And Allied Shore Charging Infrastructure In Sukkur**” project.

This acceptance covers the complete execution of the Contract scope, including the preliminary multi-site feasibility assessment across **Lab-e-Mehran, Zero Point, and Sadhu Bela**; timber fabrication, assembly, outfitting, testing, and commissioning of one (1) 90-ft eco-friendly multi-deck wooden cruise ferry with dual electric paddle-wheel propulsion and auxiliary emergency diesel capability; four (4) high-speed FRP rescue boats; one (1) 180 kW DC shore fast-charging station with civil plinth and electrical grid interconnections; and associated river trials, systems engineering, and statutory registration support.

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 **three (03) calendar days** of its issuance. This formal countersignature shall establish the binding "Letter of Acceptance." Subsequently, you are required to formally execute the Master Contract Agreement within **fifteen (15) 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: _____
Name: _____
S/O: _____
Address: _____
Passport / CNIC: _____

2. Signature: _____
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 statutory framework of the Sindh Local Government Act, intends to implement the **Procurement, Fabrication, Supply, Testing & Commissioning Of 90-Ft Eco-Friendly Wooden Cruise Ferry, Speed Rescue Boats, And Allied Shore Charging Infrastructure In Sukkur** project. The project is strategically formulated to advance sustainable, low-emission riverine tourism and emergency aquatic response along the Indus River corridor between Sukkur Barrage, Sadhu Bela Island, and the Lansdowne Bridge, while safeguarding the protected freshwater habitat of the endangered Indus River Blind Dolphin (*Platanista minor*) and native riverine fauna through strict acoustic noise ceilings and zero-discharge standards.

2. Candidate Location Feasibility & Site Execution Responsibility

Prior to embarking on physical shoreline construction or civil foundation works, the Consultant/Supplier shall perform a multi-criteria site feasibility, bathymetric depth survey, and electrical infrastructure assessment across three designated operational hubs:

- **Location 1: Lab-e-Mehran** (Assessment of riverbank accessibility, tourism footfall integration, and vehicular parking).
- **Location 2: Zero Point** (Deep-water channel proximity, barrage downstream hydrological interface, and embarkation viability).
- **Location 3: Sadhu Bela** (Island mooring accessibility, heritage pilgrim embarkation, and rocky outcrop navigational clearances).

The assessment must evaluate seasonal river stage variations (including low-water drawdowns during annual canal closures), local current velocities, siltation sedimentation patterns, minimum safe draft clearances (> 9 ft depth requirements), and high-voltage grid interconnection feasibility for the shore charging system. The Consultant/Supplier shall submit a comprehensive Site Feasibility Report to the Sukkur Municipal Corporation (SMC). Upon receiving formal written sign-off from SMC approving the most technically and commercially viable site, the Supplier shall execute all shore civil works, charger foundation pads, and electrical terminations at that selected location.

3. Fleet Procurement & Marine Construction

The Supplier shall design, engineer, construct, outfit, test, and commission an advanced eco-friendly vessel fleet tailored for freshwater operation within protected wildlife reserves, comprising:

- **One (1) 90-ft Multi-Deck Wooden Cruise Ferry:** Built strictly to the attached General Arrangement drawing (LOA: 90 ft; Beam: 30 ft; Depth: 9 ft; Keel

Length: 85 ft), featuring a dual paddle-wheel drive system powered by 2 × 120 kW peak Permanent Magnet Synchronous Motors (PMSM), backed by a 200 kWh Lithium Iron Phosphate (LFP) marine battery energy storage system, and integrated with an auxiliary 250–300 HP marine diesel emergency propulsion package.

- **Four (4) 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 engineer, supply, construct, and commission a complete turnkey **180 kW DC Marine Fast Charging System** at the approved project site. The scope includes a 180 kW outdoor weatherproof dual-port charger (CCS2/CHAdeMO compatible), civil reinforced foundation plinth, LT incoming feeder pillar connection, direct-buried armoured cabling, Type-B residual current circuit breakers, and dedicated dual inspection earth pits achieving an electrical resistance of $\leq 1 \Omega$.

5. Mandatory Pre-Production Design & Regulatory Approvals

Following contract award and prior to commencing timber hull framing or structural fabrication, the Supplier shall prepare and submit comprehensive naval architectural designs, lines plans, structural scantlings, general arrangement (GA) shop drawings, single-line diagrams (SLDs), and photorealistic 3D digital models to the Sukkur Municipal Corporation (SMC) for formal written engineering approval.

Upon completion of the Engineering, Procurement, and Construction (EPC) phase and successful execution of River Acceptance Trials (SAT) on the Indus River, the Supplier shall secure all mandatory statutory certifications, including MTSS (Marine Training & Standards / Marine Type Approval) and PSB (Pakistan Standards Board) compliance dossiers. Official vessel registration with the Mercantile Marine Department (MMD) shall be coordinated directly by SMC as the procuring authority; however, the Supplier shall bear complete technical responsibility for providing the complete naval architectural submission dossier—including intact/damage stability booklets, scantling calculations, NDT weld/joint tests, and electrical schematics—to secure formal MMD registration without delay.

6. 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 area lies entirely within the Indus River corridor encompassing Sukkur Barrage, Sadhu Bela Island, and the Lansdowne Bridge. This zone is an environmentally protected freshwater reserve dedicated to the endangered Indus River Blind Dolphin (*Platanista minor*) and eight native species of freshwater turtles. All vessel navigation must strictly comply with wildlife sanctuary guidelines, no-wake zones, and environmental protocols.

Acoustic Noise Ceiling: Radiated underwater noise emissions generated by the primary electric paddle-wheel propulsion system shall strictly not exceed ≤ 55 dB(A) at rated load (marine acoustic standard) / < 115 dB re $1 \mu\text{Pa}$ to prevent acoustic interference with dolphin echolocation systems.

Zero-Discharge Mandate: The vessel fleet shall operate under an absolute zero-discharge mandate. No untreated sewage, greywater, bilge residues, fuel residue, or solid waste may be released into the river. The cruise ferry must feature sealed onboard blackwater/greywater holding tanks, bilge oil-water separation equipment, and dockside pump-out fittings.

Permissible Operating Speeds: Cruising speed of 4–6 knots, maximum operating speed of 8 knots in open channels, and < 5 knots in sensitive dolphin habitats.

2. Technical Specifications — 90-ft Wooden Cruise Ferry

Principal Dimensions: Length Overall (L.O.A.): 90 ft (30.48 m); Beam: 30 ft (9.14 m); Depth: 9 ft (2.74 m); Keel Length: 85 ft (25.90 m), conforming strictly to the attached General Arrangement drawing.

Hull & Superstructure Construction: Structural backbone (keel, stems, ribs/frames, floors, and deck beams) fabricated from first-quality seasoned Teak (*Tectona grandis*) or Iroko (or approved marine hardwood equivalent); planking and structural decks in marine hardwood and BS 1088 marine-grade plywood; all timber preserved with approved anti-rot compounds, encapsulated in multi-coat marine epoxy barrier systems, and coated with non-toxic marine antifouling below the waterline. Multi-deck passenger layout complete with internal bulkheads, passenger lounges, guardrails, stairs, bollards, cleats, and paddle-wheel housing.

Primary Electric Propulsion System: Dual paddle-wheel drive powered by two (2) Permanent Magnet Synchronous AC Motors (PMSM), each rated at 120 kW peak output (combined 240 kW peak); driven by two (2) marine-duty Variable Frequency Drive (VFD) inverters (540 VDC, 220 Nm, 2,600 RPM, IP67 rated, liquid-cooled); acoustic emissions strictly ≤ 55 dB(A).

Dual paddle-wheel propulsion, each independently driven by one high-torque PM motor rated between 75 - 100 kW continuous output and 80 rpm, with a dedicated

VFD rated at approximately 130 kW. Independent speed and directional control shall be provided from the wheelhouse.

Energy Storage & Management: 200 kWh Lithium Iron Phosphate (LiFePO₄ / LFP) marine battery pack operating at 540 VDC nominal, with 1C continuous charge/discharge capability, IP67 enclosure, liquid-cooled thermal management plates, active Battery Management System (BMS), high-voltage PDU box with pre-charge circuitry, and custom wiring harness.

Marine-suitable LiFePO₄ battery system with a preliminary capacity of at least 200 kWh, complete with BMS, thermal management, HV protection, isolation monitoring and emergency shutdown. A bidirectional PCS shall support battery charging from the shore supply and power delivery to the propulsion system.

Integrated Control & Management System (ICMS): Centralized Vehicle Control Unit (VCU) with CAN-Bus architecture, dual helm throttles, gear operator panels, battery instrumentation display, fault alarms, and hardwired emergency shutdown systems.

Integrated system providing independent and synchronized control of both paddle wheels, helm indication, BMS/PCS/VFD integration, fault alarms, automatic power limiting and hardwired emergency shutdown.

Emergency Auxiliary Propulsion Drive: Marine diesel engine rated at 250–300 HP with associated marine transmission, shafting, propeller, resilient engine mounts, fuel tank, and dry exhaust system with hospital-grade silencer. This unit is strictly isolated for emergency recovery, auxiliary battery replenishment, and limp-home propulsion, fully compliant with fluid spill-containment and zero-discharge protocols.

Mechanical, Electrical & Amenities: Dual marine AC/DC switchboards, auxiliary bilge pumps, automatic firefighting systems, marine LED illumination, navigation lights, wheelhouse steering/helm console with GPS, VHF radio, radar/echo sounder, horn, and searchlight. Complete marine-grade passenger furniture, lounge seating, counters, sanitary fixtures, and potable freshwater delivery systems.

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

Quantity & Application: Exactly four (4) identical units dedicated to riverine emergency response, passenger search and rescue, and aquatic wildlife recovery.

Hull & Outfitting: Heavy-duty marine-grade Fiberglass Reinforced Plastic (FRP) hull, non-skid deck, folding sun canopy, heavy-duty rubber / wooden fenders, SS316 bow/stern guardrails, cleats, and boarding ladder.

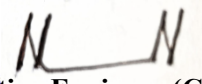
Propulsion: High-performance 4-stroke marine outboard petrol engine (60–75 HP range), with electric start, power trim/tilt, fuel tank, marine battery, and remote throttle controls.

Safety & Navigation Package: Marine 1,000 m beam searchlight, high-decibel electric siren/horn (≥ 120 dB), SOLAS-approved adult and child life jackets, ring lifebuoy, commercial first-aid kit, manual/automatic bilge pump, anchor with chain/rope, and dry chemical fire extinguisher.

4. **Technical Specifications — Shore Charging Infrastructure**

Charger Unit: One (1) 180 kW outdoor weatherproof DC fast charger (IP55/IP65 enclosure), wide output voltage range (200–1000 VDC) compatible with the 540 VDC marine battery architecture, equipped with dual charging connectors (CCS2 / CHAdeMO), 7-inch interactive touch HMI, RFID access control, and emergency stop pushbuttons.

Electrical & Civil Works: Engineered reinforced concrete foundation plinth; incoming LT distribution panel interconnections with MCCBs and Type-B residual current protection; 4-core heavy-duty XLPE/SWA armoured copper underground cable; and dual copper chemical earthing inspection pits maintaining system ground resistance at $\leq 1 \Omega$.


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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 comprehensive Site Feasibility Proposal for candidate riverfront locations (Zero Point, Sadhu Bela, Lab-e-Mehran), and submission of an unconditional 100% Advance Payment Bank Guarantee (APG) from an AA-rated Pakistani scheduled bank.	15%	5% Retention Money deducted. APG maintained active until safe physical site delivery.
Milestone 2	Approval of complete Naval Architectural workshop drawings, stability calculations, structural scantlings, and physical completion of the 85-ft Teak/Iroko keel, frames, and stem 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, 200 kWh battery pack, auxiliary diesel package, and 180 kW charger.	25%	APG value reduced proportionally. 5% Retention deducted.
Milestone 4	Safe arrival, customs clearance, timber planking completion, and offloading of all vessels, rescue boats, and charging equipment at the approved Sukkur riverfront 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)), commissioning of 180 kW charger, 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; 10-year Corporate Warranty Deed delivered.


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