

Online Advance Payment Details to PPRA:-

Beneficiary Name : PUBLIC PROCUREMENT REGULATORY AUTH.

Online Reference Number : **12240292**

Advance Paid Amount Rs. **500,000**

Dated : 16-Dec-2024

Bank Name :HBL KPT Branch Karachi

Only for PPRA User IDs of MIS Department Karachi Port Trust

- i) Prem Danicha
- ii) Khurram Shahezed



KARACHI PORT TRUST
CHIEF MECH & ELECT ENGINEER-II DEPARTMENT

TECHNICAL EVALUATION REPORT

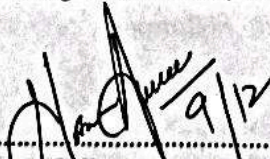
(AS PER RULE 35 OF PP RULES, 2004)

- 1) Name Of Procuring Agency : **KARACHI PORT TRUST**
- 2) Method Of Procurement : **Notice for tender invitation through news paper published in Daily The News and Daily Express Pakistan on 25.08.2024 KPT & PPRA web 24.09.2024 under PPRA rule 36(b) from bidder i.e. single stage two envelope.**
- 3) Title Of Procurement : **CONSTRUCTION & DELIVERY OF 04 IN NOS. GRP UTILITY BOATS FOR M&EE-I DEPARTMENT**
- 4) Tender Inquiry No : **T2/09/24**
- 5) PPRA Ref .No : **TS546308E**
- 6) Date & Time Of Bid Closing : **10 / 10/ 2024 at 1100 Hrs**
- 7) Date & Time Of Bid Opening : **10 / 10/ 2024 at 1130 Hrs**
- 8) No Of Bids Received : **One No**
- 9) Criteria Of Bid Evaluation : **As per Tender Documents**
- 10) Details Of Bid(S) Evaluation : **Given below:**

Name of Bidder	Technical Marks (If applicable)	Rule/Regulation /SBD*/Policy/Basis Of Technical Rejection / Acceptance As Per Rule 35 Of PP Rules, 2004
M/s Bahria Foundation	91.5	Qualified

- 11) Any other additional / supporting information, the procuring agency may like to share.
Attached

Signature :


.....
Chief Mech. & Elect. Engineer-I
.....
Karachi Port Trust

Official Stamp :

No.FC-II/Const 04 Boats/24/135
Dated: 03-12-2024



DY. CHIEF MECH ENGINEER
FLOATING CRAFT-II SECTION
MANORA WORKSHOP
TEL: 0219923102

DY.CHIEF ELECT ENGINEER (S&C)
KARACHI PORT TRUST

SUB: EVALUATION OF TECHNICAL BIDS REGARDING CONSTRUCTION AND DELIVERY OF 04 GRP UTILITY BOATS FOR M&EE-I DEPARTMENT

Reference:

- A. Tender (Technical Bid) of M/s Bahria Foundation opened on 10-10-2024
- B. DCEE (S&C) Letter No.(M)/T2/Const&Delivery/04 GRP Boats/CMEE-I/24/501
Dated: 24-Oct-2024
- C. DCME (FC-II) e-mail dated: 01-11-2024 (12:28 pm)
- D. DCEE (S&C) Letter No. (M)/T2/Const&Delivery/04GRP Boats/CMEE-I/24/511
dated: 04-Nov-2024
- E. M/s Bahria Foundation Letter No.BMS/349/KPT/158 Dated: 11-11-2024 (Containing 03
pages S&C IR# 1380 dated: 11-11-2024)
- F. DCEE (S&C) Letter No.(M)/T2/Const& Delivery/04 GRP Boats/CMEE-I/24/522.
Dated: 13-Nov-2024
- G. DCEE (S&C) Letter No.(M)/T2/Const& Delivery/04 GRP Boats/CMEE-I/24/330
Dated: 26 Nov-2024
- H. DCEE (S&C) Letter No.(M)/T2/Const& Delivery/04 GRP Boats/CMEE-I/24/557
Dated: 28-Nov-2024

1) Apropos, to the subject and letter at reference "G" the Technical Evaluation Committee has evaluated the technical Proposal /Bid submitted by M/s Bahria Foundation in concurrence with reply of queries submitted by the firm vide letter at reference "H". The technical offer submitted by M/s Bahria Foundation against KPT technical specification found satisfactory as per Technical Evaluation Criteria hence accepted.

2) The Technical Evaluation Comparison along with Performa "A" & "B" is hereby submitted for kind perusal and necessary action as deemed appropriate.

Enclosed: Tender file (Original)
TEC 04 Pages
Performa (A&B)
Technical Evaluation Compression (06 pages)


DY.CHIEF MECH ENGINEER (FC-II)

Copy to:

- > GM (E) --- For kind information please.
- > CM&EE-I
- > CM&EE-II

KARACHI PORT TRUST
MECH. & ELECT. ENGG. DEPTT.

TECHNICAL EVALVATION CRITERIA

CONSTRUCTION & DELIVERY OF 04 IN NOS GRP BOATS FOR M&EE-I DEPARTMENT

D. MANDATORY REQUIREMENT:

The firms should fulfill for the following mandatory requirement / condition and supporting documents should be submitted accordingly:

CAUTION: Non compliance of any Mandatory Conditions will leads rejection of bid and no further evaluation:-

S.No	KPT SPECIFICATION	M/s Bahria foundation offer/ marks
1.	In case of companies and firms, last 03 years financial statements are to be provided showing minimum average turnover of Rs 600 million. OR In case of individuals / Sole proprietors, last 03 years tax returns filed with FBR are to be provided showing minimum turnover of Rs 600 million minimum on average for 03 years.	Comply
2.	Copy of Pakistan Engineering Council registration certificate for financial limit in Category C-4 technical categories ME(06).	Comply
3.	Affidavit is to be submitted on Rs 100/- stamp paper mentioning therein that the firm has not been black listed by any Government / Semi Government / Autonomous / Semi Autonomous body.	Comply
4.	Copy of certificate of NTN, GST, SRB & fresh copy of Active tax payer list (ATL).	Comply
5.	The bidder shall submit their bid on original tender documents duly filled with each page signed and stamped against each column as token of acceptance.	Comply
6.	Copy of registration certificate of firm with Classification Society.	Comply

 M/s Bahria foundation
19/11/24

II). TECHNICAL REQUIRMENT FOR 04 NOS GRP BOATS

Minimum Qualifying Marks =70% in each category
The points / marks shall be given in the following manners:

Summary of marks / points

Category	Maximum point / marks	To qualify Minimum points to be scored separately in each category	M/s Bahria foundation offer/ marks
a. Status of firm	10	7 i.e 70% of 10 marks	
b. Professional Capability	30	21 i.e 70% of 30 marks	
c. Relevant Experience	40	28 i.e 70% of 40 marks	
d. Financial	20	14 i.e 70% of 20 marks	
Total	100	70 i.e 70% of 100 marks	

S.No.	Description		Min. marks	Max. marks	M/s Bahria foundation offer/ marks
a.	STATUS OF FIRM : (Max. marks-10) (Min marks 07)				
	i). Private Limited / corporation .Partnership . Proprietor	05 marks 04 marks 3.5 marks	3.5 Marks	05 Marks	3.5 marks
	ii). Completion of 05 years of firm established Completion of 04 years of firm established Completion of 03 years of firm established .Below 03 years of firm established (Evidence to be provided)	05 marks 04 marks 3.5 marks 00 marks	3.5 Marks	05 Marks	05 marks
Total			07 Marks	10 Marks	A = 8.5 marks

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b.	PROFESSIONAL CAPABILITY (Max. marks-30) (Min marks 21)		Min. marks	Max. marks	M/s Bahria foundation offer/ marks
	<p>i). Managerial staff. (10 Marks)</p> <ul style="list-style-type: none"> • Director / Controller (10 years experience) • Manager Engineering (05 years experience) • Manager Finance (05 years experience) <p>ii). Technical staff.(20 Marks)</p> <p>Provide detail of technical staff involved in new fabrication of GRP Boats. Mechanical /Electrical / Electronic / Mechatronics Engineer having 05-10 years experience.</p> <p>Mechanical / Electrical / Electronic / Mechatronics Engineer having 03-05 years experience.</p> <p>Mechanical /Electrical / Electronic / Mechatronics Engineer having 01-03 years experience.</p> <p>iii. Work Facility (10 marks)</p> <p>Detail to be provided GRP, Main engine & propeller shaft repairing workshop facility, fully equipped with machine & tools required for subject work having following accessories.</p> <ul style="list-style-type: none"> ▪ Online facility 24/7 diagnosing fault. ▪ GRP Repairing facility ▪ Main engine repairing facility ▪ Propeller shaft repairing facility ▪ Electrical accessories' facility 	<p>10 marks 08 marks 07 marks</p> <p>10 marks</p> <p>8.5 marks</p> <p>07 marks</p> <p>02 marks 02 marks 02 marks 02 marks 02 marks</p>	<p>07 marks</p> <p>07 marks</p> <p>07 marks</p>	<p>10 marks</p> <p>10 marks</p> <p>10 marks</p>	<p>10 marks</p> <p>07 marks</p> <p>06 marks</p> <p>B = 23 marks</p>
	Total		21 Marks	30 Marks	

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c. RELEVANT EXPERIENCE OF NEW FABRICATE GRP BOATS		Min. marks	Max. marks	M/s Bahria foundation offer/ marks
Max. marks -40 (Min marks 28) Give reference to (documentary proof) in.	40 marks			40 marks
• 05 contracts for new Fabricate GRP Boats	30 marks	28 Marks	40 Marks	
• 03 contracts new Fabricate GRP Boats	28 marks			
• 02 contracts for new Fabricate GRP Boats				
Total		28 Marks	40 Marks	C = 40 marks
d. FINANCIAL SOUNDNESS (Max. marks-20)		Min. marks	Max. marks	
Turnover. 800 Million and above. 700 Million and less than 800 Million. 600 Million and less than 700 Million. Below 600 Million.	20 marks 16 marks 14 marks 00 marks	14 marks	20 marks	20 marks ✓
Total		14 Marks	20 Marks	D = 20 marks
Grand Total (a+b+c+d)		70 Marks	100 Marks	91.5 marks

Note

The selection of firm would ne made via "Most Advantageous Bid" with 70% weightage to be given to Technical Criteria and 30% weightage to be given to Financial Bid.

Formula for evaluation:

- > **Technical score** = $\frac{\text{Bidder's Technical Score}}{\text{Total Technical Score}} \times 70$
- > **Financial Score** = $\frac{\text{Lowest Bid Price}}{\text{Bidder's Quoted Price}} \times 30$
- > **Total Score** = **Technical Score + Financial Score**

ASST. MANAGER FINANCE
MEMBER

19/11/24

MECHANICAL ENGINEER (TUGS)
MEMBER

19/11/24

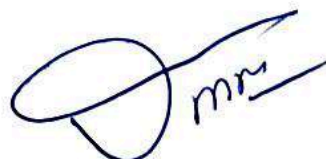
DY.CHIEF MECH ENGINEER (FC-II)
CONVENER

19/11/24

KARACHI PORT TRUST
CM&EE-I DEPTT

TECHNICAL COMPARISON VIZ- a- VIZ TECHNICAL SPECIFICATION FOR
CONSTRUCTION OF 04 NOS GRP UTILITY BOATS FOR M&EE-I DEPARTMENT

S.No.	DESCRIPTION	KPT TECHNICAL SPECIFICATION		M/s Bahria Technical offer
1.	Construction	Launches shall be constructed and equipped in conformance with applicable rules of reputable classification society, to be identified by the builder.		Complied
2.	Overall length	(40 ft)		Complied
3.	Breadth	(12 ft)		Complied
4.	Depth	(06 ft)		Complied
5.	Draught	(04 ft)		Complied
6.	Material	Glass Reinforced Plastic (Composite)		Complied
7.	Seating capacity	50- Persons (plus 15 persons standing)		Complied
8.	Propulsion engine	Type:	Marine type, 4-stroke, vertical, turbocharged. Maker: Cummins, CAT & MAN Country or origin: UK, USA.	QSB 6.7 CUMMINS 247 BHP UK/ USA 2600 RPM
		Rated Output:	200 BHP, 2000-2300 rpm at flywheel in accordance with ISO 15550	
9.	Combustion System:	Direct Injection		Complied
10.	Cooling system	Freshwater cooled manifold		Complied
11.	Starting system	Electric starter 24-vcd		12 Vdc
12.	Battery charging	Alternator 28-Vdc 60-Arps		14 Vdc
13.	Steering & Engine Control	Robust steering wheel at Coxswain's Station connected to the rudder with wires and pulleys. Morse type controls along with electric operated starting siren/horn, marine type. Control Panel: tachometer hour meter, ammeter , water temperature gauge, oil pressure, fuel shut off indicator		suitable steering system and control panel as per OEM
14.	Gear	Reduction gear- synchromesh type: Gear ratio 1:15 or better. Matching/ compatible with above engine, connected to engine through flexible coupling. Reputable.		ZF 280-1A Marine Reverse reduction gear box Raio 2:1 origin Italy)



15.	Stern Tube	Stern tube with provision of forced cooling and an 'A' Bracket	Complied
16.	Engine Compartment	Engine compartment shall be accessible from the deck through a lid-cover which shall be suitably designed to avoid noise and ingress of water. Side ventilators shall be provided for the engine room for adequate air flow. One Sea cock with strainer (cleanable afloat) for engine cooling. Engine Compartment.	As per design
17.	Coxswain's Station	It shall be covered with GRP canopy securely supported with stainless steel pipes. One fixed GRP molded seat with cushion shall be provided in front of steering.	Complied
18.	Tanks	2 x diesel tanks each of 250- liters capacity with covers for cleaning shall be fitted to the hull structure and positioned one on each side with suitable arrangement for ascertaining the level of fuel in the tanks. Filling and discharge lines for tanks and 1 x 25-mm suction bilge pump-semi rotary manual type.	Suitable tanks as per design
19.	Holds	Forward Hold (Bosun Stores); capacity 3-cubic meters	Complied
20.	Propulsion System	Fixed pitch propeller of Phosphorus Bronze on single line shaft	Complied
21.	GRP Material	As specified by the Classification Society. Suggested thicknesses. As mentioned blow. Keel: 25- mm to 35-mm Bottom: 15-mm to 20+mm Side Shell: 12-mm to 15-mm with extra thickness at shear strake. Deck: 12-mm to 15-mm suitably compensated at hatch openings and shear strakes at the gunwale level	Complied
22.	Seats	Seats shall be made of GRP moulded smooth surface with foot rest for convenience of passengers. Inside the cabin GRP moulded long seats with foot rest shall be covered with foam cushions.	Complied
23.	Rudder	One semi-balanced spade rudder controlled from steering.	Complied
24.	Fenders	The upper fender shall be 150-mm wide x 100-mm thick rudder bolted right round the deck edge by 13-mm washered nut bolts to	Complied



		the head rests of the seats inside, which shall be suitable covered by the removable pads, so as not to be uncomfortable to the passengers. Additionally six foam/ air filled fenders shall be provided for each side, accordingly cleats to be provided on deck for fitting of these fenders. Or any alternate fendering design of better quality may be suggested.	
25.	Cleats & Fairleads	8 x bollards of suitable size made of brass and 2 x Fairleads shall be fitted on the deck.	Complied
26.	Boat Hooks	2 x Brass Hooks	SS Boat hooks
27.	Masts & Spares	A shorts stub mast of stainless steel pipe shall be fitted at forward for navigation lights and a flag post shall be fitted at the stern	Complied
28.	Anchor & Anchor Rope	A Dan forth 14 kg anchor with 12 fathoms of Nylon rope 60-mm in circumference shall be provided.	22 Mtr rope of 18mm
29.	Paint Scheme	4 coats below water line and 3 coats above the water line of marine grade epoxy paint scheme.	Complied
30.	Lights	Adequate number of marine type lighting fixtures to be provided and fitted inside the cabin and for illuminating the open sitting areas as well as the coxswain's Station. Lights shall 24/12 volts dc.	Complied
31.	Safety Appliances:	Safety appliances (LSAs & FFAs) in accordance with MMD Rules including following to be provided on each launch: 4 x life buoys to be provided 8 x life jackets one for each crew members and passengers to be provided. International Convention for Safety of Life at Sea 1974 as applicable for harbor craft to be adhered to.	Complied
32.	Navigation Aids:	Navigational lights according to MMD recommendations including Stern lantern, Bow lantern, Anchor light and Abi-Color Side lantern. 1 x Portable rechargeable Search light with cable and plug/socket. 2 x VHF Base sets make Sailor Marine Denmark or Icom Japan.	Nav Light as per ROR. 1X Portable rechargeable search light 2 x hand held Vhf Sets
33.	Seaworthiness Certificate	MMD's Registration Certificate to be arranged and provided for each launch.	Complied
34.	Design	The proposed launch design to be prepared on the basis of aforesaid parameters and specifications in accordance with applicable Naval Architecture Regulations and in	Complied

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		conformance with Classification Society Rules. Drawings attached here with are provided for reference/ Guidance. Proposed design showing the hull and deck structure and their fittings and cross sections should be submitted for Client's approval.	
35.	Reserve Buoyancy	Voids in hull structure to be filled with foam at bow (full length from bottom to top) and all around the fenders in identical volume and positions to ensure the reserve of buoyancy of the equivalent of at least 10% of the weight of the fully loaded launch.	Complied
36.	Approvals	Design and construction of launches be in compliance with all regulation as prescribed by Mercantile Marine Department Karachi. Machineries, appliances and equipment of the launches to also conform to MMD requirements	Complied
37.	Tools	Complete set of tools for attending running repair, major overhauling of engine and all attached fitted machineries (i.e. fix combination, ring box spanners sets etc)	Complied
38.	Spares	Complete set of spares for attending running repairs as indicated below as well any additional spares recommended by the engine/gear manufacturer" ➤ Set of gasket for engine overhauling 02 sets Each Boat ➤ Repair kit for oil lift pump 04 sets Each Boat ➤ Repair kit for fresh / salt water pumps 04 sets Each Boat ➤ Repair kit for fuel injection pump 04 sets Each Boat ➤ Injectors type (for complete engine) 01 set Each Boat ➤ Piston rings set complete for engine 01 set Each Boat ➤ Main and bigend bearing set 01 set Each Boat ➤ Engine and gearbox resilient mountings 01 set Each Boat	Complied
39.	Manuals	3 x sets of following manuals pertaining to engine, gear and other equipment fitted on the launch to be provided: ➤ Operation Manual ➤ Repair & maintenance Manual ➤ Parts Manual	Complied

Signature

40.	Drawings	<p>3x Complete sets of as-built drawings as described below to be provided:</p> <ul style="list-style-type: none"> ➤ General arrangements ➤ Hull ➤ Seating arrangement ➤ Electrical Schematic <p>Soft copy of above drawings prepared on CAD must be provided.</p>	Complied
41.	Supervision	<ul style="list-style-type: none"> ➤ Contractor / Builder shall nominate a Project Incharge for this work for coordinating all project related issues with Project Engineer of Client. ➤ The construction shall be executed under the supervision of the Client's Project Engineer or his duty nominated officer. ➤ Project Engineer / Nominated Officer shall be allowed fee access to all areas of work where production related to the launches is executed. ➤ Builders shall submit for approval a stage wise list of activities before start of construction of the launches. ➤ Prior written notices for inspection by Client's Engineer of at least 24 hours will be required for each activity earlier agreed. ➤ The Client's Engineer shall attend to said inspection within 48 hours of the receipt of the inspection notice. His observations and recommendations, which shall be in writing, shall be promptly complied with by the Builder 	Complied
42.	Sea Trials	<p>After 'At-Yard Completion' of launches, as certified by Client's Engineer, the Contractor/ Builder will arrange at his cost Sea Trials, Which shall be witnessed by Client's Engineer and MMD Surveyor. Launches shall be taken out for trial in Karachi Harbour. Following performance parameters shall be tested / witnessed:</p> <ul style="list-style-type: none"> ➤ Speeds ➤ Turing Circle ➤ Crash Stop ➤ Engine Performance (temperatures, pressures, sound, etc) ➤ Endurance <p>Above said parameters shall be duly</p>	Complied



		<p>recorded in proper format with time indexing, and signed by Client's Engineer, Contractor and MMD Surveyor. Observations if any shall also be recorded and attended.</p> <p>Subsequently a report shall be prepared indicating successful sea trials duly signed by Client's Engineer, Contractor and MMD Surveyor.</p> <p>The key of the boat will be handed over to the Owners Engineers and MMD Surveyors.</p>	
43.	Work Completion Certificate	<p>Upon successful sea trials, launch shall be handed over to Client's Engineer. At this stage a Work Completion Certificate shall be issued by Client's Engineer to the contractor.</p>	Complied
44.	Warrantee	<p>Builder shall forward the warrantee for 12-months trouble free operation of the launches pertaining to its structure, stability, engines gears and all machinery and equipment.</p>	Complied
45.	Local After Sales Support	<p>All the machinery and equipment to be provided and fitted on the launches shall be of such manufactures who have Karachi service and repair workshop facilities and provision of spare parts.</p>	Complied
46.	Boat Book	<p>Boat Book shall be prepared and provided for each launch which shall have the following information entered in it:</p> <ul style="list-style-type: none"> ➤ Brief description of salient features of the launch ➤ Set of hydrostatic data and final G.M calculated figures in light and fully loaded conditions. ➤ An 'As-Built/Fitted' Drawing. ➤ Salient features of the machinery and equipment fitted on the launch Including fuel consumption rate different speeds. 	Complied



MECHANICAL ENGINEER (TUGS)



DY:CHIEF MECH ENGINEER (FC-II)

KARACHI PORT TRUST
MECH & ELECT ENGG. DEPARTMENT-II

PROFORMA – “B”

<u>S.NO</u>	<u>PARTICULARS</u>	<u>DETAILS</u>
1.	<u>In case of “SOLE PROPRIETOR SHIP” concern.</u> a. Full Name of the Proprietor. b. Business address and Phone No. if any. c. Residential address and Phone No. if any. d. Certified copy of certificate of registration with Registrar of Firms to be attached.	NA
2.	<u>In case of “PARTNERSHIP” Concern:</u> a. Name of the Partners with their business/ residential address and Phone No. if any. b. Partnership Deed & Certificate of Registration (Certified copies to be attached)	NA
3.	<u>In case of “PRIVATE LIMITED COMPANY”.</u> a. Name of all Directors with their Business/Residential address and Phone No., if any. b. Memorandum & Articles of Association of the Company and Certificate of in corporation. (Certified copies to be attached.)	Firm is Charitable Organization as it mentioned in his own letter dated 11 Nov 24
4.	<u>In case of “PUBLIC LTD., COMPANY”.</u> Memorandum & Articles of Association and (Certified copies to be attached).	--
5.	<u>In case firm is to be represented by “ATTORNEY”.</u> a. Legal Status and full particulars of the Attorney. b. Period of validity of Power of Attorney (Certified copies of Special or General Power of Attorney duly executed on Stamp Paper of proper value and authenticated/attested by a competent Authority to be attached.	NA
6.	G.I.R. No: Income Tax and amount of Income paid during the last assessment year(state year of Assessment)	--
7.	A Certificate from the Bankers, sealed and addressed to the KPT showing the financial position of the Institution tendering, should be enclosed.	--


CONVENER (TEC)

KARACHI PORT TRUST
MECH. & ELECT. ENGINEERING DEPARTMENT-II

PROFORMA "A"
(To be submitted with the tender)

Particulars	Details
1. Experience as a Contractor.	Complied
2. Work carried out in the past with detailed cost, particulars and the year in which they were under taken etc.	Complied
3. Bankers reference regarding Financial status.	Complied
4. Whether registered with any other Department or Organization? If so, give details.	Complied

Particulars	Details
5. Plant and equipment in possession(Give Detail with cost)	Complied
6. Technical personnel employed; give Names and other details.	Complied
7. If your firm registered?	Complied
8. State Capital of your firm.	Complied
9. Details of Income tax, Sales tax, registration etc.	Complied
10. Number of years of actual work carried out in Pakistan.	Complied
11. Attach attested copy of certificate of past work of the same nature carried out as that in tender.	Complied
12. Electrical Contractor license No. and date.	NA


CONVENER (TEC)