

PLEASE READ CAREFULLY

- ❖ Participating bidder is required to submit bid according to instructions mentioned in bidding documents. These bid should meet the requirements / criteria illustrated in bidding documents along with fulfillment of other terms and conditions of tenders.

- ❖ According to PPRA rule 31 no bidder is allowed to alter or modify his bid after the bids have been opened. Moreover, as per rule 36 (vi) no amendment in the technical proposal is permitted during technical evaluation. Therefore in the light of prevailing Govt procedures, requests for amendments in quotations and clarifications leading to change of substance of bid after opening of bids cannot be accepted and bids not conforming to tender requirements are liable to be rejected.

- ❖ Participating bidder is therefore requested to read the bidding documents thoroughly and submit their quotes accordingly without any condition in conformance to all tender requirements including DP, Bid validity, provisioning of original quotation from foreign principal, 10% BG confirmation etc for consideration of bid. Bids found non-conforming to tender requirements are liable to be rejected on tender opening date.



**GOVERNMENT OF PAKISTAN
MINISTRY OF DEFENCE PRODUCTION
PAKISTAN AERONAUTICAL COMPLEX BOARD KAMRA**

**INVITATION TO TENDER AND GENERAL INSTRUCTIONS TO BIDDERS
(FOB)**

Tender No CASE NO PACB/721/230718007,82465008/0504/P-3

Directorate of Central Procurement
Pakistan Aeronautical Complex Board
Kamra Distt. Attock

Tel: +92-051-90990-2543, 2244

Fax: +92 (057) 9317491

Email: adcp@pac.org.pk

January, 2019

PAC & PPRA Websites

Dear Sir,

1. I invite you to tender for supply of store / services details in the attached **Schedule to Tender** (Form PACB -002A)

2. **CONDITION GOVERNING CONTRACTS.** The “Contract” made as a result of this Tender Inquiry shall mean the agreement entered into between the parties i.e. the “Purchaser” and the “Seller” on PACB Contract Form (PACB – 003) in accordance with the law of contract Act, 1872 and those contained in PAC purchase procedures and other special conditions that may be added to given contract for the supply of PAC stores specified therein.

3. **DELIVERY OF TENDER.**

(a) **Technical Offer:** It shall contain all relevant specifications along with essential literature / brochure in duplicate in a separate envelope and clearly marked “**Technical Offer without prices**”, tender number and date of opening.

(b) **Commercial Offer:** It shall indicate prices quoted in figures as well as in words and clearly marked on face of a separate envelope “**Commercial Offer with prices**”, tender number and date of opening.

(c) Both the “**Envelops**” of Technical and Commercial offers should be enclosed in one cover, properly sealed and bear the address of Directorate of Central Procurement (DCP) PACB Kamra with tender number and opening date. **Bid Security shall be sealed in an envelope separate from technical and financial bids.**

4. **FORM PACB - 002A & PACB - 002B:** Form **PACB - 002A & PACB - 002B (Annexure D & E)** duly filled-in are to be returned with the offer duly signed by the authorized signatory person of bidding firm.
5. **SINGLE/MULTIPLE OFFERS:** Only one offer can be made in relevant currency for same item. Multiple rates, if quoted, will be rejected. Multiple quotation against the tender will also be rejected.
6. **DATE & TIME FOR RECEIPT OF TENDER:** The tender must reach DCP PACB Kamra by the date and time specified in the **Schedule to Tender** (PACB – 002A attached). Tenders received after the prescribed date and time will, NOT be entertained. The appointed time will, however fall on next working day in case of closed/forced holiday. Telegraphed / Faxed / Telexed bids will be rejected unless specifically asked for. Tender can also be sent through courier however you are required to intimate this office (DCP) regarding dispatch of quotation through courier giving details of the courier through fax so that courier service may be tracked to ensure your participation in the Tender. In case tender is despatched by courier then same should reach DCP, PAC Board at least 01 day prior to tender opening date. You or your representative may also attend the proceeding (Name / Designation of attendees' along with copy of CNIC will be required 03 days prior to tender opening date for arranging their entry).
7. **DELIVERY PERIOD:** Stores are required within minimum possible delivery period but **not later than 06 to 12 months from signing of the contract**. Offers with minimum delivery period are likely to be preferred. However delivery period is to be factual as no extension will be subsequently granted except under unavoidable circumstances beyond control of SELLER or under Force Majeure for which intimation with full justification / evidences is to be dispatched well in advance for consideration.
8. **RIGHTS RESERVED:** PAC Board Kamra reserves the right to accept or reject any tender and to annul the tendering process and reject all tenders at any time prior to contract award as per rule 33 of PPRA rules 2004 without thereby incurring any liability to the affected Bidder. Moreover, past performance of the firms may also be considered.
9. **ADDITION AND DELETION OF STORE:** The purchaser has the right to increase or decrease the quantity of any item and cancellation of the contract partially or fully without any financial repercussion on either side without assigning any reason within 30 days of signing the contract. Such information will be passed on to the supplier / seller through the fastest means e.g. telephone, telegram or fax etc.
10. **VALIDITY OF QUOTATION:** The quotation be valid till **30 June, 2019**.
11. **TECHNICAL LITERATURE, SPECIFICATIONS AND INTERCHANGEABILITY:**
- Offers are to be submitted in duplicate supported by brochures and technical literature in original. Offers must conform to tender specifications. A certificate of complete interchangeability must be endorsed on the quotation for all substitute or in-lieu items, otherwise the same are likely to be rejected. A copy of relevant page of publication must be attached to prove correctness of offered / interchangeable / in-lieu item. Prices of master, substitute and in-lieu items must be quoted separately. **Firms may contact Tel Ext 051-90990-2260, E-mail arflog@pac.org.pk or Directorate of Log, ARF PAC Karma District Attock.**

12. DEVIATION FROM SPECIFICATIONS: Stores received at consignee, if found not conforming to the contract specifications will be rejected and replacement in accordance with contractual specifications against rejected stores would be provided to consignee as per delivery schedule laid down in the contract. The replacement will be provided without any additional cost. In case stores are rejected after delivery schedule of the contract, replacement is to be provided at the earliest or by the date advised by Directorate of Central Procurement PAC Board.

13. PACKING: Stores must be dispatched in standard trade packing unless otherwise specified to protect them against any damage. Any loss/damage caused due to poor packing will be recovered from the Supplier. In case items are shipped through sea, packing shall be sea worthy.

14. RESTRICTION OF EXPORT / IMPORT LICENSE: Offer subject to restriction of Import/Export License will not be entertained.

15. APPLICATION OF OFFICIAL SECRET ACT 1923: All matters connected with this inquiry and subsequent actions arising thereafter fall within the scope of the Pakistan Official Secret Act 1923 which forbid providing contractual information to un-authorized / un-concerned person / organization. It is therefore, requested to ensure complete secrecy regarding documents and stores concerned with the inquiry to limit the number of employees having accesses to this information.

16. QUOTING OF PRICES: Prices are to be quoted as follows: -

(a) FOB price of the stores (Line Item Wise).

(b) Percentage of agent commission (on Ex-Factory price). Agent commission is to be exclusive of quoted price. Principal must indicate if agent commission is not applicable. If there is no indication of agent commission in principal's Performa invoice, agent commission will neither be given by the principal nor by the Buyer.

(c) The prices must be stated for each item separately both in figures and words. Additional information if any must be linked with entries on the Schedule to Tender (Form **PACB – 002A**)

(d) Original quotation from the foreign manufacturer / supplier / principal must be attached in support of the quoted price. Principal is to endorse following certificate on the original quotation:-

“Certified that stores offered are factory new and from latest production and prices quoted are not more than the international market prices and also not more than those being charged from other buyers “.

(e) Shelf / installation life of each item (if applicable) is to be mentioned separately.

(f) Certificate as per attached Annex “A” duly signed by the principal and agent must be attached with quotation.

17. PROVISION OF OEM CERTIFICATE:

Certificate of OEM for certified vendors or Agency Agreement must be attached with quotation.

18. DISQUALIFICATION: Offers are liable to be rejected if:-

- (a) There is deviation from any instruction described in this invitation to tender.
- (b) Offers are found conditional or incomplete in any respect.
- (c) Multiple quotations against the tender.
- (d) Multiple rates are quoted against one item.
- (e) Manufacturer relevant brochure is not attached (in case of equipment or major assemblies of equipment).
- (f) **Annexure "A", Form PACB-002A (Annexure "D") and PACB-002B (Annexure "E")** duly filled – in and signed by the Bidders are not received with the offer.
- (g) Offer received later than appointed date and time.
- (h) Tender specification if not conforming to the offer. In case of equipment/ major assemblies manufacturer's brochures shows specifications different from those given in tender.
- (j) Offer subject to restriction of Export License.
- (k) Over writing / erasing in prices.
- (l) Change in prices by the supplier after opening of commercial offers unless asked by Directorate of Central Procurement PAC Board.
- (m) Validity of offer is not quoted as required in IT or made subject to confirmation later.
- (n) Offers not accompanied with prescribed tender / Challan fee of Rs. 200/-
- (p) Bid Security not provided.
- (q) **Performa Invoice of Principal / Principal Invoice**, in duplicate clearly indicating whether prices quoted are inclusive of the agent commission, is not enclosed.
- (r) Agency agreement of agent with Principal / OEM and link between Principal and OEM is not provided.
- (s) The validity of agency agreement has expired.
- (t) Offer without certification of OEM.

(u) If OEM and principal name, contact details (Ph No, Fax No, Email etc) and complete address is not mentioned.

(v) Offer with Prior sale condition.

19. PAYMENT: Payment of 80% may be allowed on dispatch of stores through Letter of Credit and remaining 20% on issuance of Certificate Receipt Voucher (CRVs) by Consignee. 10% Performance Bank Guarantee is to be submitted at the time of signing of contract.

20. SEQUENCE OF QUOTATION: Quotation must be prepared according to the item serial no sequence of Schedule to Tender (Form **PACB-002A**).

21. WARRANTY / GUARANTEE OF STORE: Warranty / guarantee for a period of one year / mentioned in specification of item(s) be applicable for stores commencing from acceptance of store at consignee.

22. COUNTRY OF ORIGIN AND MODE OF SHIPMENT: Following details must be provided in your offer / quotation and Performa invoice: -

(a) Country of origin, place of manufacture of store and beneficiary should be mentioned.

(b) Name of port connecting PIAC aircraft / PNSC ship where from the store will be shipped. The firm may like to ensure the availability of PIA flight or PNSC operation from the port of shipment before signing the contract.

(c) Where PNSC or PIAC do not operate, the supplier would ship the stores through Pakistan / Foreign flag Vessel / Airline on freight pre-paid basis with prior approval of procuring agency and claim it subsequently. Freight and Insurance charges should not exceed 12.7% of FOB value of the stores.

23. FAX QUOTATION: Fax / Email quotations will not be accepted except when specifically called for under emergency / urgency, however, Fax / Email quotation, if received will only be considered subject to condition that original Performa invoice for each quotation is received within 7 days of Tender Inquiry opening or as advised by procurement agency. In case original quotation is not received within specified time, the offer will be excluded from the competition without any notice to bidder.

24. LC CHARGES: Payment will be made through irrevocable and non-transferable Letter of Credit. LC opening / advising confirmation and additional charges will be borne by the beneficiary / supplier as per prevailing Bank rates. LC charges within Pakistan will be borne by the purchaser. Charges outside Pakistan are to borne by the seller. Any additional charges incurred due to request of supplier will be borne by the supplier.

25. QUALITY INSPECTION: Items supplied are liable to be inspected by the quality inspectors of to the respective factory of PAC before acceptance.

26. SUBMISSION OF CERTIFICATE: The certificate as per attached Annexure "A" is to be submitted along with offer / quotation.

27. TENDER OPENING: Technical offer i.e. without prices will be opened on the date and time mentioned at Annex "C" of tender in the presence of bidders" representatives who choose to attend. The bidders" representatives who are present shall sign a tender opening register / form evidencing their attendance. However time and date for opening of Commercial offers of all those firms whose technical offers are accepted will be intimated later. Commercial offers of firms, which are not technically accepted will be returned to the firms un-opened. Representative of Foreign Liaison Office will not be allowed to attend Tender Opening unless it is registered with Pakistan Aeronautical Complex Kamra. No unauthorized person will be allowed to attend the tender opening.

28. BID SECURITY: The Bid Security@ 5% (not exceeding 0.150 M) will be deposited by all firms. Bid Security will be deposited in favour of CMA (DP) in the form of CDR / Pay order / Demand draft only at the time of tenders opening (with technical quotation), in a separate envelope. Bid Security will be returned to all firms except three commercially lowest bidding firms on finalization of commercial quotes. Whereas Bid Security to the 2nd and 3rd commercially lowest bidders will be returned on signing of the contract. Bid Security of the contract concluding firm will be returned on submission of bank guarantee and on receipt of performance bank guarantee acceptance certificate from CMA. Quotations once submitted cannot be withdrawn (Partially/Fully) during validity of the quotation. Firms not complying with the said instructions would be liable for disciplinary action beside forfeiture of the earnest money.

Note: - No Quote will be accepted without Bid Security which will be as per IT clause 28. However, Bid Security must be provided in shape of CDR / Pay order / Demand draft only otherwise your quotation will be rejected.

29. END USER CERTIFICATE (EUC): EUC if required at any stage may be mentioned in the quotation.

30. CHECKING OF STORE: Store will be checked at consignee in the presence of representative of Supplier if he arrives within 15 days after initiation of letter.

31. WITHDRAWAL OF OFFER: If the firm withdraws its offer or backs out from providing items won by the firm within validity period at any stage of contract finalization, the Competent Authority may place such firm under Embargo for a period of six months, which may extend upto one year / forfeit the earnest money.

32. TREASURY CHALLAN: Offer must be accompanied with a challan form of RS 200/- (obtainable from State Bank of Pakistan / Government Treasury) and debit able to **Major Head C02501-20, Main Head 12, Sub Head 'A' Miscellaneous (Code Head 1/845/30)**. Only one offer can be made for same item on one Challan. Multiple offer / rates, if quoted will be rejected.

33. DOCUMENTS REQUIRED: Following information's / copies of document must be provided with Tender: -

(a) Photo copies of valid registration and indexation of foreign principal with PACB/DGDP applicable to the store / equipment offered.

(b) A copy of letter showing firm's financial capability. Bank statement for last 01 year and other details to ascertain financial capability of firm.

- (c) Copies of audited accounts of the company for the last two accounting years that are prepared in accordance with the International Accounting Standards (IAS).
- (d) Photo copies of General Index number (GID), National Tax number (NTN), Sales Tax registration certificate. Foreign firms are required to provide copy of the company's valid Tax Compliance certificate issued by Revenue Authority of the domiciled country, valid as at the tender closing date.
- (e) Documentary evidence of the company's registration details / Certificate of Incorporation (Legal structure) by a recognized body in the domiciled country. Registration number issued by respective Department of Commerce or concerned department authorising to deal in subject store and export of store.
- (f) List and evidence of certification from recognized international bodies like ISO.
- (g) List of major clients and references (complete with names of contact persons, address and telephone numbers) of which the company has supplied similar items in the last 05 years. Number of years in the business or dealing in similar items may also be mentioned.
- (h) Firm/Supplier name, complete address, contact numbers, and email addresses.
- (j) Undertaking that their firm and their proprietors have not been in litigation/blacklisted by any Govt./Semi-Govt/Autonomous body.
- (k) Any other document if required during procurement proceedings according to Rule 17 of PPRA rules 2004.

Note: Security clearance of firm is mandatory before participation in tender. Firms having applied for security clearance or those intend to apply for security clearance soon after tender date can also participate in tender after submission of following additional documents. However firm will be required to apply for security clearance immediately after tender submission.

- (a) In case of foreign supplier photocopy of resident card, passport or equivalent identification card of person signing the tender is to be provided along with 02 passport size photographs.
- (b) Local agents / firms have to submit the copy of CNIC and 02 passport size photographs of person signing tender.
- (c) Letter of authorisation from the Manufacturer confirming that the bidder is authorized to deal with the item quoted.

34. FORCE MAJEURE

“Force Majeure” means any event, act / or other circumstances not being an event, act or circumstances, under the control of the Purchaser or of the Seller. The Seller will notify the Purchaser in writing of any such event within 15 days by Fax/Telex/Telegram of its commencement, which is relied upon by the Seller for its failure to comply with its

obligation. The Purchaser have the right to conduct investigations to satisfy itself about the genuineness of the "Force Majeure" event Non-availability of raw material for the manufacture of stores, or of export permit for the export of the contracted stores from the country of its origin, not constitute "Force Majeure".

35. ARBITRATION

All matters of dispute or difference, except regarding rejection of stores / Services by the Project Management Office (PMO) / Quality inspector or cancellation of the contract by the Purchaser arising out of this contract between the parties hereto, the same shall be settled by mutual agreement, failing which they shall refer for Arbitration to a final settlement by an Arbitration Tribunal, in Pakistan comprising three arbitrators. One arbitrator shall be appointed by each party and the third arbitrator being appointed by the two arbitrators already appointed or in the event that the two Arbitrators do not agree upon the third arbitrator, a judge of superior court of Pakistan shall appoint the third Arbitrator. The arbitration proceedings will be held at PAC Kamra District Attock Pakistan. The arbitration award shall be un-spoken.

36. LITIGATION

In case of any dispute only Court of Jurisdiction at Attock Pakistan will have the Jurisdiction to decide the matter.

37. RISK PURCHASE

In the event of failure on the part of the Seller to comply with the contractual obligations, the contract is liable to be cancelled at his risk and expense in accordance with General Condition Governing Contracts.

38. TERMINATION OF CONTRACT.

(a) If at any time during the currency of the contract the Purchaser decides to terminate the contract for any reason whatsoever (other than for reasons of Non-Delivery) he shall have right to do so by giving the Supplier a registered notice to that effect. In that event the Purchaser will accept delivery at the contract price and terms of such stores/goods/services which are in the actual process of manufacture that is completed and ready for delivery within thirty days after receipt by the Supplier of such notice.

(b) In the case of remainder of the undelivered stores/goods/services the Purchaser may elect either:

(i) To have any part thereof completed and take the delivery thereof at the contract price or.

(ii) To cancel the remaining quantity / services and pay to the Supplier for the articles or sub-components or raw materials purchased by the Supplier and are in the actual process of manufacture at the price to be determined by the Purchaser. In such a case materials in the process of manufacture shall be delivered by the Supplier to the Purchaser.

(iii) No payment shall however be made for any materials not yet in the actual process of manufacture on the date notice of cancellation is received.

(c) Should the Supplier fail to deliver goods/services in time as per quality terms of contract or fail to render Bank Guarantee within the stipulated time period or any breach of the contract the Purchaser reserves the right to terminate/cancel the contract fully or any part thereof at the risk and expense (RE) of the Supplier.

39. SECURITY DEPOSIT / BANK GUARANTEE:

To ensure timely and correct supply of stores / services, the firm shall furnish an unconditional bank guarantee (BG) from a scheduled bank of Pakistan for an amount up to 10% of the contract value on a judicial stamp paper of the value of (Rs 100.00) as per prescribed format in the currency same as of contract. The bank guarantee shall be endorsed in favour of CMA (DP) who is the accounts officer specified in the contract. CMA (DP) have the like power of seeking encashment at site of the bank guarantee as if the same has been demanded by the purchaser himself. The bank guarantee shall be submitted by the supplier at the time of Contract signing and will remain valid for up to 60 days after completion of warranty period and remain in force till one year ahead of the date given in the contract. If period of contract is extended, the supplier shall arrange the extension of bank guarantee within 30 days after the original period to keep its validity always one year ahead of the extended period.

40. LATE DELIVERY

If the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may take following actions:-

(a) Cancel the contract, and/or.

(b) To purchase from elsewhere stores not delivered, at the risk and expense of the Supplier and without notice to him, or

(c) To recover liquidated damages when the Competent Purchase Officer is satisfied that the failure to supply the stores / services within the scheduled delivery period has been for reasons within the control of the Supplier, and/or if the Government has suffered loss for reasons of belated delivery. These liquidated damages, if imposed, will be recovered at the rate of up to 2% but not less than 1% (depending on the merit of the case as decided by Competent Purchase Officer) of the value of stores / service supplied late per month or a part of a month for the period exceeding the original delivery period, subject to the provision that the total liquidated damages thus imposed will not exceed 10% of the total value of the stores / services delivered late.

(d) The purchaser's decision under this clause shall NOT be subjected to arbitration.

41. AUTHORITY TO SIGN DOCUMENTS: Tender must be accompanied by Letter of Authorization to sign the Tender on behalf of the Bidder. Bidder must prove that the person who signs this Tender is fully authorized to bind his establishment / company. Such proof shall be in the form of clear official documents fully legalized by designated authorities in respective countries.

42. PRIOR INTIMATION REGARDING SUBMISSION OF QUOTATION: To avoid misplacement of the quotations, all firms are required to intimate this office regarding dispatch of their quotation through courier giving details of the courier through telephone / fax, so that courier service may be tracked to ensure your participation in the competition.

43. BIDDING CLARIFICATIONS TO TENDER: In case any clarification is required regarding tender, firm may contact on following address however, queries in regards to the tender shall only be entertained till one week prior to the deadline for submission of tenders.

Technical Clarification: Directorate of Log ARF PAC Kamra Tel No 051-90990-2260 (Email: arflog@pac.org.pk)

Bidding / Contracting Procedure: Directorate of Central Procurement PAC Board Kamra Tel No 051-90990-2543 (Email: adcp@pac.org.pk)

Yours sincerely,

(IMRAN BIN IRFAN)
Squadron Leader
Dy Dir Central Proc
PAC Board Kamra
Tel: 051-90990-2576

Enclosure: -

- | | |
|---|-------------------------------------|
| (i) Certificate (Annex "A") | (ii) Questionnaire (Annex "B") |
| (iii) Schedule of Stores (Annex "C") | (iv) Form (PACB – 002A) (Annex "D") |
| (v) Form (PACB – 002B) (Annex "E") | (vi) Form (PACB – 002C) (Annex "F") |
| (vii) Details of Bank Guarantee (Annex "G") | |

CERTIFICATE

TENDER / CONTRACT No PACB/721/230718007,82465008/0504/P-3

It is certified that no person, firm, cooperation, subsidiary or entity in Pakistan or elsewhere shall directly receive any rebate, bonus commission, gift or favour in cash or kind other than commission allowed to M/S (FULL NAME TITLE OF THE COMPANY WITH ADDRESS) against contract No _____ dated _____ In case if it is discovered that contents of this certificate have been infringed / violated by the supplier the purchaser will have the right to cancel the contract and / or impose a penalty equal to 25% of the contract value.

AGENT

Seal & Signature

PRINCIPAL

Seal & Signature

COUNTERSIGNATURE

Director Central Procurement

Seal & Signature

QUESTIONNAIRE TO BE FILLED IN BY BIDDER

Firm is required to provide confirmation of following points and in case of any change, same is to be highlighted in remarks column.

S No	Description	Yes / No	Remarks
1.	Whether stores offered conform to the specification and confirmation to this effect has been made in the quotation given in Form PACB – 002A .		
2.	Whether deviation from the demanded specification is attached with Form PACB – 002A .		
3.	Whether complete quotation has been submitted in duplicate.		
4.	Whether the prices are exclusive of taxes/duties if so whether taxes/duties have been shown separately.		
5.	Whether Form PACB–002A & 002B duly filled in and signed by the Bidder have been returned in herewith.		
6.	Whether original invoice Performa from principal has been enclosed herewith.		
7.	Whether copy of valid registration / business authorization of firm have been enclosed herewith.		
8.	Whether tender fee challan amounting to Rs 100/- has been enclosed herewith.		
9.	Whether details of financial capability (Bank Statement etc.) and financial load of contracts outstanding against your firm have been provided.		
10.	It is confirmed that no Taxes / Duties & Dues payable to Pakistan Govt are outstanding at the part of vendor / firm.		
11.	Copy of NTN OR Equivalent Tax compliance Certificate (for foreign firms) has been attached.		
12.	It is confirmed that firm and their proprietors have not been in litigation / blacklisted by any Govt./Semi-Govt / Autonomous body		
13.	Valid, original agency agreement has been attached with quotation.		
14.	Unit Price has been provided against same unit of issue as mentioned in IT. In case of change in unit of issue, price has been converted as per ITs unit of issue in a separate column along with conversion formula		
15.	Specimen of End User Certificate has been attached (If required)		
16.	Country of origin and port of shipment have been mentioned.		
17.	All requisite documents as per Para 33 of Invitation to tender have been attached.		
18.	10% PBG will be provided at the time of signing of contract		
19.	Warranty / Guarantee will be provided for required period		
20.	Letter of Authorization to sign Tender Documents on behalf of firm has been attached.		
21.	Incoterm is as per IT .i.e. FCA / FOB		
22.	Offer is without any condition		

Dated: _____

(Signature of Bidder & Stamp)

Annexure "C"**SCHEDULE OF STORES**Tender Inquiry No: - **PACB/721/230718007,82465008/0504/P-3**

TENDER SUBMISSION TIME: - Before 1030 Hrs on opening date

TIME & DATE OF OPENING **1100 Hrs on 31-01-2019**

(Note: Firms are requested to read carefully all the paras of IT. Moreover, unit price against same unit of issue as mentioned in IT is to be provided. However, if any change may be required in unit of issue the price must be converted as per IT's unit of issue in separate column. Furthermore, conversion of unit of issue and unit price must be mentioned in commercial quote.)

**PROC OF AIRCRAFT REFULLERS
Qty Ea-03 (01 for MRF & 02 for ARF)
AS PER FOLLOWING SPECIFICATIONS**

S NO	Description	Item	Specifications
1	Model	Of latest model - Imported Korean/European (already being operated in PAF/ Pakistan)	
2	Engine	Type	Diesel / Turbo / Intercooler Euro-1
		No of Cylinders	6 Cylinders
		Displacement	11051 to 12500 CC
		Max Power	340 ps(250Kw)@ 2100 rpm
		Max Torque	135 kg-m @ 1,260 rpm
3	Transmission	Model	T15S6
		No of Stage	F6 / R1
		Ratio	7.77 to 0.744
4	Clutch	Type	Dry single plate with diaphragm
		Operation	Hydraulic control with air assisted

		Plate Diameter	430 mm
5	Dimension	Length	11,625 mm
		Width	2,500 mm
		Height	3.450 mm
		Wheel Base	7000 mm
		Min. Ground Clearance	270 mm
		Weight Empty	12,860 kg
		Weight with Load	28,060 kg
6	Colour	Jungle Camouflage	
7	Steering	RHD Power Steering	
8	Suspension	Front & Rear	Semi Elliptical type steel leaf spring type
9	Brakes	Parking	Manual operated full Air parking at rear four wheel
		Service	Full air pressure Brake system circuit on all wheel
		Aux. Brakes	Exhaust brake
10	Electrical System	24V System. Batteries to be provided with housing and switch. Batteries cover made of fuel resistant material. Main Battery Shut-off Manual Switch Standard electrical fitting to be provided. (All fire Proof)	
11	Seating Capacity	2 Persons in Front & 1 person at behind. Safety Belts Fixed at Two Points only.	
12	Chassis	Frame to be ladder type reinforced single channel, equipped with hook on the front and rear frame.	

13	Axle	Front	Single Axle, Reverse Elliot "I" beam type; Load Capacity 6,500 kgs on road
		Rear Two axles	Banjo single reduction tandem type load capacity 11,500 + 11,500 = 23,000 kgs Final drive ratio : 5.571
14	Exhaust	Horizontally mounted below front bumper with spark arrester	
15	Pump Drive System	Full power, Split Shaft PTO. Speed Control provided at Control Panel	

16	Clamp Rings	Suitable Qty of Clamp rings for shipment, located at appropriate locations.
17	Cab	<p>All steel welded cab Hydraulic tilt type</p> <p>3 crews (2 seats & extra) seats. Driver seat air & spring actuated and adjustable.</p> <p>Personnel seat & behind seats are fixed type.</p> <p>Windshield & windows with tinted glass.</p> <p>Centre and window side minors.</p>
18	Mud guards	Built – in Mudguards
19	Spark Arrester	Prevention from the spark. 1 Ea To install in front of Passenger side.
20	Control Board	<p>Machine room & Control panel located between Cab & Tank.</p> <p>Manual Throttle control dial.</p> <p>Provisioning of Roll up type shutter doors.</p> <p>warning light for fuel changing system</p> <p>Pressure indicator for pump delivery pressure.</p> <p>Pump rpm Digital indicator.</p> <p>Differential pressure gauges for Filter / Separator.</p> <p>Control Air Pressure Gauge.</p> <p>Reference pressure gauge for Bypass valve.</p> <p>Venturi pressure (Fuelling pressure) gauge.</p> <p>Vacuum pressure gauge for Defuel process.</p> <p>Dead man system & Deadman switch.</p> <p>Manual Deadman override switch.</p> <p>Emergency engine stop switch on control panel.</p> <p>Main power switch</p> <p>Working Lamp Switch</p> <p>Deadman Lamp</p> <p>Brake interlock Lamp</p> <p>Water pressure Alarm & Lamp</p>

		Instruction Plate (in English language)	
		System flow diagram	
21	Tank	Capacity	20,000 Litres (5000 US Gallons plus) + 5.0 Outage.
		Construction	<p>Made of aluminium Alloy as per international Aviation std.</p> <p>Material of the tank should be corrosion / oxidation free and resistant & comply with int'l safety and aviation standards.</p> <p>The certificate to this effect to be provided at the time of delivery.</p> <p>Tank to be leak resistant and able to sustain jerks and jumps on rough track.</p> <p>Single compartment, provided on the inside stress-resistant shell heads and anti-slashing baffles divide tank into communicating compartments,</p> <p>Such that all are accessible for clearing / inspection.</p>
		Compartments	All compartments assembled by welding of continuous bead type.
		Man Holes	<p>Qty two (2) of 20" size, mounted to tank top side.</p> <p>To be provided with covers, bolted top the main-hole collars.</p> <p>To be fitted with fuel proof sealing.</p> <p>To be provided with vacuum pressure safety valve.</p> <p>To be provided with one separate inlet for dip stick.</p>
		Tank Bottom	<p>Provided sump device at the bottom of tank Front section.</p> <p>To be provided with water drainage and two (2) Ball valves to drain the tank by hand.</p>
		Cat Walk Ladder	Non-skid type (metallic structure), running along the whole upper side of tank with safeguard,. One fixed ladder for climbing up / down the catwalk away.
		Hose Carriers	Qty two (2) for 3" hoses fitted on each side of the tank.

		Tank to pumping station	<p>The suction port located in the lower part but above level of drainage sump.</p> <p>One 4" Emergency valve on piping outlet to out off the tank to pumping stations.</p> <p>Anti vibrating joint to damp ladder for possible vibration between the tank and the pump.</p>
		Tank vent & Interlocking device	<p>To be provided Air Vent Valve at the top side of Tank.</p> <p>To be Provided to prevent dispensing unless the vent is open.</p>
		Tank Level Gauge	10" Dia. Aluminium Alloy, Float type at the driver side of Tank.
		Bottom Loading Adapter	2.5" word-wide standard 1Ea.
		Internal Valve	4 th type, 1 Ea. Actuated by Air (Manual open) and controlled by jet level sensor during Bottom loading operation.
		Jet Level Sensor	Type : Fuel pressure operated. 1 Ea
22	Pump / Fuel System	Type	<p>Self-priming centrifugal pump with self-lubricating anti-fraction bearing.</p> <p>With 6" and 4" delivery parts, capable to deliver the fuel by means of two reel hoses.</p> <p>In addition to a automatic pressure control with Bypass valve and venturi.</p> <p>Pressure adjustable type for constant and accurate refuelling pressure.</p>
		M.W. Pressure	10.5 Bar
		Max deliver Protection from foreign matter	<p>600 US Gallons (2,280 Liters) per minutes ensuring. Fuel delivery of minimum up to 400 US G.P.M through single 2 ½ " delivery hose (under wing refuelling).</p> <p>Fuel delivery of minimum 500 US G.P.M through two Nozzles.</p> <p>Removable strainer provided for pump suction side.</p>
23	Valves	Deadman Valve	One remote control Pneumatic operated stainless ball valve with timing control.

		Bypass Valve	Pump pressure regulating valve controlled by venturi pressure at 45 psi
		FDF Valve	Mode control fuel / defuel valve controlled by pneumatic cylinder.
		Fuel Line Valve	Stop valve to hose real 3" valve for 2.5" hose and 2" valve for 1.5 hose.
		Isolation Valve	Line stop valve for bottom loading adapting and suction port.
		Recirculation Valve	Valve for the self recirculation mode and suction mode.
		Drain Valve	1" (Two) stainless steel ball valves for the Tank and ¾" (Two) for filter / separator
24	Ejecting Unit	Ejecting system to be provided for empty hose and defuel mode operation.	
25	Filter / Separator	<p>Tow stage compact Filter / Separator with a capacity of 600 GPM with cartridges filtering elements provided fuels with filtering range up to 1 micron.</p> <p>Water presence Detector and Drainage valve at the bottom.</p> <p>Two sampling points (on filter inlet and outlet) to be provided.</p> <p>Filter / separator meet international Aviation standard as per EI-1581 (API-1581). Category M-100 type S (5th latest edition).</p>	
26	Flow Meter	<p>Two (2) Flow meters will be installed with GPM indicator.</p> <p>a) Rated Flow 500 US GPM 4"X4" conn, for under wing Nozzle operation.</p> <p>b) Rated Flow 150 USGMP 2"X2" conn, for Over wing Nozzle operation.</p> <p>Countering in US Gallons, large numeric counter and non reset table Totalizer.</p>	
27	Gauge / Meters	<p>Differential pressure gauge for control of flow pressure on the lines going. In and out of the Filter / Separator.</p> <p>Fuel pump suction / discharge pressure gauge.</p> <p>Venturi pressure gauge / control Air pressure gauge. Ref. Air pressure gauge.</p> <p>PTO Indicators.</p> <p>Micronics Filter Water presence Alarm / Indicator.</p> <p>Hour Meter.</p>	

28	Fire Extinguisher System	<p>Automatic Fire Extinguishing system is to be provided as following specs.</p> <p>Four (4) units will be installed.</p> <p>Mounted at the each comer of machine room / pumping system.</p> <p>Two additional 5 kg Co2 gas cylinder hand operated fire extinguisher provided and located at a suitable place outside the pumping cabinet.</p>	
29	Hoses. Hose Reels and Rewinding system	Hose Reels	To be provided two air operated winding hose inside of the machine room.
		Pressure Refuelling Hose	<p>Two hoses of Aviation fuel-proof for pressure refuelling (2 ½ x75 ft) (1 ½ x100 ft)</p> <p>One fitted on hose reel and other supplied as a spare.</p> <p>The one ends fitted 2 ½ " or 1 ½ " permanent couplings to connection to pressure refuelling point. The other end fitted on the reel is to be connected with the central shaft of the reel.</p> <p>All hoses must conform to following specification.</p> <p>Type-C with conductive cover conforming to worldwide standard.</p> <p>EI-1529 6th Edition and European standard EN ISO 1825 2011 Type-C, plus NFPA 407.</p>
		Connections	<p>All connection are to be NPT thread type.</p> <p>KAM-LOCK type quick release coupling between hose & reel port.</p> <p>One 2 ½ " Cam-lock type connection by gates arranged on right, left side of unit and joined to pump suction piping to collect fuel outside sources.</p>
		Re-winding system operation	Air operated system with associated safety equipment, which spark-proof and safe to operate under all conditions. A certificate of safety and under taking that it meets the international aviation standards is to be provided at the time of delivery
30	Delivery Nozzles	Under wing	<p>Nominal 2.5 inch type: completed with HECV (pressure set at 45 psi)</p> <p>Stainless steel 100 mesh screen / swivel mounted / standard plugs and clamps fitted. Quantity : 2 Ea (1 Ea for extra spare stock)</p>
		Over wing	<p>Nominal 1.5 inch type with trigger, standard plugs and clamps.</p> <p>Quantity : 2 Ea (1 Ea for spare stock)</p>
31	Nut & Bolts	All nuts and bolts are to be used corrosion proof.	

32	Static Bonding	<p>Tow automatic reels with 30 meters of clear PVC insulated bonding with and crocodile clamps to earth trailer refueller to the aircraft and ground respectively.</p> <p>Standard plugs and clamps fitted on delivery nozzles.</p> <p>½” meter of insulated bonding wire with crocodile clamp installed with each delivery nozzle to earth it the aircraft. Qty 02 ground rubber and strips (01 spare).</p>
33	Refueller Performance	<p>Under wing pressure refuelling of aircraft through 2 ½” hose by suction from the refueller tank.</p> <p>De-fuelling of fuel from aircraft through under wing coupling and delivery into the refueller tank.</p> <p>Recycling operation.</p> <p>Refueller tank filling through suction port pump pressure.</p> <p>Refueller tank filling the main hole by gravity fall.</p> <p>Automatic pressure relief system to cater for changes in temp. during days and night.</p>
34	Safety Features	<p>EMERGENCY SHUT OFF SYSTEM</p> <p>To be provided Electric type EMERGENCY STOP switch.</p> <p>Quantity : 1 Ea (At control panel & rear side)</p> <p>Shut off device for engine, deadman operation, emergency valve in case of emergency.</p> <hr/> <p>BRAKE INTER LOCK SYSTEM</p> <p>Applied at rear wheel by pneumatic control.</p> <p>Sensing under wing / over wing nozzle, bottom loading adapter and pump engagement.</p> <p>Provided brake interlock override switch at driver’s cabin.</p> <hr/> <p>DEADMAN SWITCH SYSTEM</p> <p>Specification: safe current type (less than 3 mill-amps) with safety timer system.</p> <p>Electric cable system model : GTP-8392B-Z-25’ Length : 7.5 m (25 ft)</p> <hr/> <p>REAR VIEW CCTV CAMERA</p> <p>Large sized LCD monitor will be installed at driver’s cabin.</p>

<p>35</p>	<p>Criteria for system safety and standard</p>	<p>Compliance to latest ISO and international aviation manufacturing / safety standard.</p> <p>Compliance with NPPA-385/407 (National fire protection association-USA).</p> <p>Aircraft and ground support equipment electrical connections for static grounding.</p> <p>Technical criteria for closed circuit refuelling system.</p> <p>Pressure refuelling.</p> <p>Minimum quality surveillance of petroleum products.</p> <p>Technical guidance for the design and construction for aviation and ground fuel installation of ARF Aircraft.</p> <p>Electrostatic safety.</p> <p>Connection procedures for aviation fuel handling and liquid fuel loading / unloading.</p> <p>Operation during ground transfer and aircraft.</p> <p>To provide OEM's certificate confirming adherence to above standard.</p>
<p>36</p>	<p>Miscellaneous Accessories</p>	<p>Sun visor. rear view mirrors.</p> <p>Spare wheel</p> <p>Carrier for spare wheel and jack with handle</p> <p>Wheel brace. Seat belts (self locking)</p> <p>Towing hooks at front and rear.</p> <p>Instruction plates fixed in suitable place in compartment for the operation of engine, pumping system and a automatic fire extinguishers.</p> <p>Dip sticks with comparison tables to check the tank level.</p> <p>Two 3" flexible hoses (approx 4 meter long) with connection for suction from outer sources and filling of the tank, tool kit housing.</p> <p>Two swivel lamps /markers / search light mounted on rear to p corners.</p> <p>Compartment light stop and direction indicator light.</p> <p>Applicable safety caution marking at appropriate places (in English).</p>

37	Publication	<p>To be provided following publications along with Refueller, two copies of each free of cost.</p> <p>(a) Operator manual. (b) Repair / maintenance manual and overhaul manual. (c) Parts Catalogue. (d) Aluminium tank repair scheme to be provided.</p>
38	Tool kit	<p>Standard tool kit comprising all the tools required for daily servicing and handling.</p> <p>Road side defects are to be provided. Tool kit specific for the maintenance of the refuelling system, complete overhaul / major servicing.</p>
39	Road / Worth	To deliver Refueller to ARF in fully road worth condition without any extra charges.
40	Spare support	<p>Provision of certificate for availability of spares for next 10 years.</p> <p>Provision of list of fast moving spares.</p> <p>One set of fast moving spare with each Refueller.</p>
41	Pre Delivery / functional / acceptance inspection	Four persons from purchaser (ARF) will visit to manufacturer premises to undertake pre shipment / acceptance inspection and training on maintenance / operation of the Refueller. All expenses including / boarding, lodging and return Air tickets are to be borne by the manufacturer.
42	Acceptance criteria	<p>The Refueller will be confirmed to international safety, workmanship and functional standards, compliance with NFPA-407.</p> <p>A copy of related standard be provided to inspection team for inspection guidance.</p> <p>Inspection / functional check of complete Refueller will be carried out at firm's premises by the rep of ARF.</p> <p>To be provided a certificate indicating international aviation standard, in accordance with which the Refueller fuel tank has been constructed including its material, strength and corrosion resistant properties.</p> <p>To be provided quality control dossier and original mill test certificate along with Refueller.</p>
43	Delivery	<p>Not later than 12 months after received letter of credit.</p> <p>Equipment / vehicle will be out of latest year of production at time of delivery.</p>

Notes:-

1. Quotation must be submitted on '**FOB**' basis only.
2. Payment will be made as per PAC Board procedure.
3. Specialist / Indented vehicle will be accepted after inspection by MRF / ARF quality control department / concern technical staff of MT squadron as per attached board specifications.
4. Stores must be of latest production series.
5. TO's brochure & Technical manuals (03 copies) are needed to be provided by the supplier (Soft & Hard copy).
6. Warranty Guarantee against DPL-15.
7. OEM / Supplier conformance certificate.
8. Model European / American / Japanese / Korean
9. All other requirements as per attached board specifications.

**PAKISTAN AERONAUTICAL COMPLEX BOARD
KAMRA**

SCHEDULE TO TENDER

1. **TENDER INQUIRY NO: PACB/721/230718007,82465008/0504/P-3**

2. Time and Date of opening Tender at 1100 Hrs on **31-01-2019**

(1)	(2)	(3)	(4)	(5)	(6)
Item No	Part No. Description of stores with specifications	Unit of issue	Qty	Unit price	Total price

Grand Total

Signature of Bidder
(Capacity in which signing)

UNDER TAKING
(Fill in and Return)

To,

**Member Commercial
Pakistan Aeronautical Complex Board
Kamra Distt Attock**

Dear Sir,

I/We hereby offer to supply to PAC Board the stores detailed in the Schedule to Tender or such portion thereof as you may specify in the contract at the prices given in Form **PACB – 002A** and further agree that this offer will remain valid up to _____ and will not be withdrawn or altered in terms of rates quoted and the condition stated therein on or before this date. I/We shall be bound by your communication of acceptance to be dispatched within the prescribed time.

I/We understood the instructions to Tenders and condition of contract as laid down in Form **PACB-10** titled "**General Conditions Governing Contract**" and thoroughly examine specification / drawing and / or patterns quoted in the Schedule to Tender and am/are fully aware to the nature of the stores required and my/our offer is to supply stores strictly in accordance with the requirements.

Witness's Signature:

Name:

N.I.C No.

Address:

Date:

Signature of Bidder:

Name:

N.I.C No.

Capacity in which Signing:

Address:

Date:

Tel: Telex/Fax

SPECIAL INSTRUCTIONS

Under mentioned information must be provided along with quotation else your quotation will be rejected: -

S.No	Description / Requirement	Remarks / Attached
1.	Delivery Period	
2.	Quotation Validity (Must be 30-06-19)	
3.	Country Of Origin	
4.	Port of Shipment	
5.	Terms of Payment (As per Para 19 of IT)	
6.	BG% (Confirmation to provide 10% BG)	
7.	Warranty / Guarantee period offered by Firm	
8.	Beneficiary Details (Completed address along with contact No)	
9.	Complete Bank address and Account Details For Payment / Letter of Credit	
10.	Previous Experience (Nature of Business and No of Years in Business)	
11.	Registration Status With PAC Board	
12.	Signing Authority (Name, Designation, Contact Details)	
13.	Address of local firm alongwith contact No, email etc	
14.	Manufacturer and Brand Name (If applicable)	

GENERAL CONDITIONS FOR BG

(a) To ensure timely and correct supply of stores, the firm will furnish an unconditional Bank Guarantee at the time of the signing of the contract from a schedule Bank for an amount of _____ i.e. 10% of the total value of the contract (on a judicial Stamp paper of the value of Rs 100/-). The Bank Guarantee shall be endorsed in favour of CMA who is the Account Officer specified in the contract. The CMA concerned shall have the like power of seeking encashment of the Bank Guarantee as if the same has been demanded by the purchase officer himself.

(b) The Bank Guarantees will be of following types with validity and amount has mentioned in each type

(i) **Bank Guarantee against contract performance** It will be between 10% of total value of contract excluding taxes/duties and freight/handling charges etc. It shall remain inforce till 60 days beyond the Delivery Period stipulated in the contract.

(ii) **Bank Guarantee against Advance/ Down Payment.** It will be equal to amount paid in advance /down payment shall remain valid till 60-days beyond the Delivery Period stipulated in the contract.

(iii) **Bank Guarantee against Warranty Period.** It will be for amount of 10% of contract value excluding taxes/duties and freight /handling charges, etc. Duration of BG against Warranty Clause is variable. Normally under DP-15, it is for one year for the general type of equipment/ spares. For consumable goods, the warrantee period should also expire after 6 months or when the goods are fully consumed whichever is earlier or as per terms of contract.

(c) If the supply of store is on warranty, the supplier shall be bound to extend the validity of Bank guarantee for such further reasonable period if so required by the purchase officer to cover the warranty period.

(d) If the supplier fails to provide the Bank guarantee within 30 days after signing a contract, such failure shall constitute a breach of contract and the Director purchase shall be entitled to make other arrangements at the risk and expense of the supplier if no other BG / Bid Security of the same supplier for an equal amount is held up for final release, with the purchaser against any other completed contract(s). In the event of unsatisfactory performance or of any breach of terms of the contract, Bank guarantee shall be forfeited to the Govt. at the discretion of the purchaser. On satisfactory performance of the contract, the Bank Guarantee will be returned to the supplier by CMA (DP) RWP on receipt of instruction from the purchaser i.e. Directorates of Procurements etc.

(e) In case of FOR tenders/contract it is imperative that BGs are obtained from firms/suppliers/agents through scheduled Banks of State Bank of Pakistan so as to safeguard the interest of the state.

(f) In case of FOB tenders/contracts, Bank Guarantee is to be obtained preferably from LC opening Bank of Pakistan and through supplier, LC opening Bank abroad. In case firm does not agree to the aforesaid condition, then BG should at least, be obtained from supplier's country Bank located in Pakistan or any enlisted scheduled Bank of Pakistan in favour of LC opening Bank in Pakistan or any scheduled Bank of Pakistan, and the same will be a Bank to Bank Guarantee in favour of CMA (DP) Rwp.