

PLEASE READ CAREFULLY

- ❖ **Kindly print the bidding document, read carefully, fill, sign and stamp on each page and submit with the quotation.**
- ❖ Participating bidders are required to submit bids according to the instructions mentioned in bidding document. These bids should meet the requirements / criteria illustrated in bidding document along with fulfilment of other terms and conditions of the tender.
- ❖ 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 (b/vi) no amendment in the technical proposal is permitted during the 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 bidders are therefore requested to read the bidding document thoroughly and submit their quotes accordingly without any condition in conformance to all tender requirements including DP, bid validity, provisioning, **Maximum up to 10% BG** confirmation etc. for consideration of bid. Bid found non-conforming to tender requirements is liable to be rejected on tender opening date.

Participating firms are to provide particulars of their representatives on Ph No 051-9099-2244 at least 01 day prior to tender opening.

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

**INVITATION TO TENDER AND GENERAL INSTRUCTIONS TO
BIDDERS
(SINGLE STAGE TWO ENVELOPE BASIS)
(CIP BASIS)**

Tender No. PACB/721/150724001/0758/P-3

Directorate of Central Procurement

Pakistan Aeronautical Complex

Kamra Distt. Attock

Tel: +92-51-9099-2534, 2244

Fax: +92-57-9317491

Email: adcppe1@pac.org.pk

01 August, 2024

To,

PPRA & PAC 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 in to 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 (SINGLE STAGE TWO ENVELOPE BASIS)**

(a) **Technical Offer** It shall contain all relevant specifications along with essential literature / brochure in duplicate in a separate envelope and clearly marked with "**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 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 01 working day prior to tender opening date for arranging their entry).

7. DELIVERY PERIOD Stores are required within minimum possible delivery period within **06-08 Months after signing 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 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 must be valid **till 30-06-2025** from the date of opening the tender.

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. **For any query regarding technical issues, firms may contact Tel Ext 051-9099-2260, 2468 or Directorate of Logistics, ARF PAC Kamra District Attock Email: arflog@pac.org.pk**

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.

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 unauthorized / 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) CIP 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.
- (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.
- (w) **Complete IT Document dully filled, signed and stamped on each page by authorized signatory of the firm not provided.**

19. PAYMENT Payment of 80% may be allowed on completion of services through Letter of Credit and remaining 20% on issuance of Certificate Receipt Voucher (CRVs) by Consignee. **Maximum up to 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 **One year** labor and parts, at user location. **10 Years** OEM supports for trouble shooting of hardware and software related issues.

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.

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% of quote (**not exceeding 0.400 M**) will be deposited by all firms. Bid Security will be deposited in favour of **DBA PAC, Kamra** in the form of CDR / Pay order / Demand draft only at the time of tender 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 **DBA PAC, Kamra**. 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 bid security.

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.

Firm's stamp and case No. must be marked on back of bid security.

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 up to one year / forfeit the bid security.

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) **Complete IT Document dully filled, signed and stamped on each page by authorized signatory of the firm.**
- (b) Proof of appearance on Active tax payer list of FBR.
- (c) Photo copies of valid registration and indexation of foreign principal with PACB / DGDP applicable to the store / equipment offered.
- (d) A copy of letter showing firm's financial capability. Bank statement for last 01 year and other details to ascertain financial capability of firm.
- (e) Copies of audited accounts of the company for the last two accounting years that are prepared in accordance with the International Accounting Standards (IAS).
- (f) 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.
- (g) List and evidence of certification from recognized international bodies like ISO.
- (h) 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.
- (j) Firm / Supplier name, complete address, contact numbers, and email addresses.
- (k) Undertaking that their firm and their proprietors have not been in litigation / blacklisted by any Govt / Semi-Govt / Autonomous body.
- (l) 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.

- (m) 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.

(n) Local agents / firms have to submit the copy of CNIC and 02 passport size photographs of person signing tender.

(p) Letter of authorisation from the OEM 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 inspector and or cancellation of the contract by the Purchaser arising out of this contract between the parties hereto, settlement of which is not specifically provided in this contract, shall be settled by mutual agreement, failing which they shall refer for Arbitration to a final settlement by an Arbitration Tribunal, in Pakistan. The dispute shall be referred for adjudication to two arbitrators one to be nominated by each party, who before entering upon the reference shall appoint an umpire by mutual agreement, and if they do not agree a judge of the Superior Court of Pakistan will be requested to appoint the umpire. The arbitration proceedings shall be held in Pakistan and under Pakistan Law & Arbitration Act, 1940. Arbitration award will be firm and final and un-challengeable in any court of law. The award shall be unspoken.

36. LITIGATION The firm ‘Supplier’ is restricted not to take the matter in any court of law and not to disclose the matter whatever to print / TV media or any other forum. In case of any dispute only Court of Jurisdiction at Attock has 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 The purchaser shall be entitled to terminate this contract for default on the part of supplier. If the supplier becomes bankrupt, or have a receiving order made against him, or compound with his creditors, or being a corporation commences to be wound up, not being a member’s voluntary winding up for the purpose of reconstitution or amalgamation, or carries on its business under a receiver for the benefit of its creditors. In case the Purchaser elects to terminate this Contract, the Purchaser shall give notice in writing to the Supplier to make good the default. Should the Supplier fail to initiate proceedings in order to comply with the notice within 15 days from the date of serving of such notice, the Purchaser may forthwith terminate this contract by notice in writing to the Supplier without prejudice to any rights which may have occurred there under to either PARTY prior to such termination. Termination of the Contract shall be without prejudice to any right of

arbitration under the contract hereafter. Moreover, 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.

If the supplier delays delivery of any Equipment to be supplied to the Purchaser under this Contract for more than 21(twenty-one) days from the time specified for delivery, there of or, 15 days for any extension of subsequent delays then the purchaser reserve the right to terminate this contract without prior notice to the supplier and purchase from elsewhere (other firm or country) stores not delivered, at the risk and expense of the supplier. However, intimation to such a cancellation would be affected by registered letter sent to be supplier and without need to legal or judicial or other formalities. In addition, the purchaser will have the right to recover any loss or damage or payment made to the supplier.

Upon termination the Supplier shall refund all such payments for which goods and/or services have not been delivered or rendered. The Supplier shall refund the amount due with interest at 1% above the Libor rate.

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 maximum 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 DBA PAC, Kamra who is the accounts officer specified in the contract. DBA PAC, Kamra has 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 within 30 days from signing of the contract and will remain valid for up to 60 days after completion of warranty period and remain in force till one year beyond 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 Logistics, ARF PAC Kamra District Attock Tel Ext 051-9099-2260 & 2962 Email: arflog@pac.org.pk.

Bidding / Contracting Procedure: Directorate of Central Procurement PAC, Kamra Tel No 051-9099-2534 Email: adcpre1@pac.org.pk.

44. RESPONSE TIME: Firms are requested to provide only valid email and telephone numbers for contact and addressing technical queries. It is further highlighted that during TSR due to limited time, firms are requested to respond / reply to queries within time specified in letter/ email in soft and hard copies. In case of late or nil reply/ feedback, that item(s) having query will be rejected without any justification and subsequently will not be entertained at any stage.

Yours sincerely,


(TILAL MAZHAR)
Squadron Leader
Asstt Dir Central Proc
PAC Kamra
Tel Ext: 051-9099-2535

CERTIFICATE

TENDER / CONTRACT No **PACB/721/150724001/0758/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

Annexure "B"

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#	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 200/- 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, sales tax certificate 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.	Maximum up to 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. CIP etc.		
22.	Offer is without any condition		
23.	All terms and conditions mentioned in IT are acceptable		
24.	Complete IT Document dully filled, signed and stamped on each page by authorized signatory of the firm is provided.		

Dated: _____

(Signature of Bidder & Stamp)

SCHEDULE OF STORES

Tender Inquiry No: - [PACB/721/150724001/0758/P-3](#)

TENDER SUBMISSION TIME: - Before 1030 Hrs on opening date

TIME & DATE OF OPENING [1100 Hrs on 03 September, 2024](#)

No extension in opening date will be granted except extreme circumstances.

(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 **is to mentioned separately against each line item.** mentioned in commercial quote.) **Country of Origin (CoO) and Port of Shipment (PoS)**

(DETAIL OF REQUIRED SYSTEM IS AS UNDER)

ESTABLISHING OF COMPLETE GROUND VIBRATION TEST SYSTEM		
S No	Description	
1	PRODERA EXCITATION SYSTEM	
2	CFM SCHILLER SUSPENSION SYSTEM	
3	SIEMENS CONTROL SYSTEM	
	HARDWARE 72 CHANNELS	
	SENSORS	
	SOFTWARE	
	IT	
	SERVICES	
4	OPTIONAL: Pre-test & correlation analysis	
5	OPTIONAL: Yearly Maintenance, repair & calibration	
6	OPTIONAL: 72 additional channels	

ACCEPTANCE CRITERIA FOR PROCUREMENT OF GVT FACILITY

1. **Inspection Criteria:** 100% physical inspection of all related store will be carried out by the Dte of Quality at firm premises with the assistance of co-opted member of PAC, KAMRA as follows: -

2. **Physical Check. Physical checks will be as follows: -**

- (a) Store will be checked for physical damage, scratch and deformity.
- (b) Accessories /components as per contractual specifications.
- (c) All items will be identified with OEM part No and Serial Nos.
- (d) Technical Manuals (Operation manual, user guide, IPBs).
- (e) Quality certificate and calibration certificate is to be attached by the OEM.
- (f) OEM certificate and verifiable documents will be provided by the supplier that store has been procured from certified source.
- (g) Store must be factory new and from latest production.
- (h) Brand name and country of origin must be verified.

3. **Functional Check.** Final inspection, Functional check, acceptance and training of PAC personnel will be conducted at PAC, KAMRA

4. **Commissioning.** Commissioning of the machines / equipment will be carried out at PAC, KAMRA under supervision of OEM rep.

5. **Warranty.** A warranty sticker is to be pasted on each item by the Supplier / OEM highlighting Name of Firm, Contract No and date, Description of Store and Warranty validity.

Note. In case of premature failure of Machine Supplier / OEM has to replace / rectify free of cost. The supplier shall provide all necessary facilities to the inspection staff for prompt and smooth inspection of store.

7. **Packing.**

- (i) Item will be packed separately using waterproof material in wooden box / card board crates.
- (ii) Packing must be suitable for transportation of item over long distance by air/road/rail/sea.

Note. In case of premature failure of Machine Supplier / OEM has to replace / rectify free of cost. The supplier shall provide all necessary facilities to the inspection staff for prompt and smooth inspection of store.

8. **Delivery of store.** After 100% physical inspection supplier will dispatch the store to PAC, KAMRA at his own arrangement.

Signature (Splt Dte)
Name.....
Rank.....
Appointment.....

TECHNICAL SPECIFICATIONS GVT FACILITY

Purpose

1. To provide a complete turn-key solution to carry out ground vibrational testing on aircraft under different stores configurations. All hardware and software requirements should be included in turnkey solution. The detailed specification / requirements domain wise are listed below.

GVT System Requirements

2. The overall minimum takeoff weight that the system can support should not be less than 41888 LBS with sufficient channels available in data acquisition system. The overall system should contain each of the following sub- systems with requirements as mentioned against each.

Excitation System

3. The excitation system should contain constant force exciters for the rating of (4) 75N, (8) 250N, (2) 350N and (2) 550 N. The exciters should come with the following accessories

- (a) Current controlled amplifiers
- (b) Connection cables at least 15 m length
- (c) Position cables at least 15 m length
- (d) Signal cables at least 10 m length
- (e) Clamp mandrels
- (f) Stinger for connection with aircraft structures
- (g) Trunnion with complete suspension system

Remote control Equipment

4. A Minimum 8 channel remote control panel for power amplifiers along with interconnection box on the amplifier racks. The interconnection box should be equipped with sockets, remote connectors, cables, force transducers and accelerometers.

Racks

5. Quantity 4 racks fully wired on casters and equipped with 380V - 3 phase neutral and earth socket/plug and minimum 10 meters of cable

Calibration Rig

6. Calibration Rig for modal shakers system should include base horizontal Slip table, levelling feet. Rig should be supplied without trunnion. Measurement System for CRMS Shakers Calibration Rig including one accelerometer certified and one calibrated charge amplifier. Supports for horizontal slip tables and calibrated weights. Electronic structure including cable to the channel signal generation and two cables for transducers' signals. Also to be included should be a Power amplifier calibration rig

designed for overall maintenance, gain calibration, adjustment of phase between input and output signal, phase adjustment

Suspension System

7. Low frequency suspension system including Factory acceptance test - Commissioning and two days training of the GVT System. The minimum (MTOW) maximum takeoff weight should not be less 20 tons.

Modal Analysis System

8. A complete modal analysis system consisting of hardware (minimum 72 channels) with SCM 5 slots frame, SCM 4 Ch (SCM DAC4) general purpose signal generation. SCM V4 channel extended range, BNC connectors, module extraction tool and dongle (LM RM KEY).

9. All required sensors with cables. Coaxial cables ICP impedance Head. Modal Array ceramic shear ICP (TLD 333B32)

10. In software domain, related compatible Siemens software with a mid-end desktop and sufficient number of software tokens to carry out GVT will full analysis options. All local IT and hardware requirements and computer accessories are to be included.

Pre-Test & Correlation Analysis

11. Siemens software Sim center pre-test and correlation analysis module should also be provided which includes desktop, FE model Correlation and requites training.

Additional Channels

12. Additional channels for future expansion in data acquisition system. Minimum of 72 channels with all requirements as listed in para 8.

Yearly Maintenance, Repair and calibration

13. One year test lab Software maintenance, enhancements and support. CADAS Hardware calibration and maintenance for the 72-channel system. SCADAS Hardware calibration and maintenance for the additional 72 channel system

Delivery Time

14. 6-8 months after receipt of order.

Warranty

15. One year labor and parts, at user location. 10 Years OEM supports for trouble shooting of hardware and software related issues.

Publications

16. Following publication to be provided

- (a) Operational / Maintenance manual (Qty 01) with Equipment and additional Qty 03 for record purpose
- (b) Operational and maintenance manual should consist of following sections: -
 - i. Equipment Description / Operation
 - 1. Specifications
 - 2. Description
 - 3. Operation
 - ii. Servicing
 - 1. Maintenance Schedule
 - 2. Adjustment / test
 - 3. Removal / Installation procedure
 - 4. Tools Used
 - iii. Trouble shooting guide
 - iv. Cleaning requirements
 - v. Shipping and receiving
 - vi. Storage requirements
- (c) IPB (Illustrated Parts Breakdown Manual) should have full parts description along with detailed Diagrams (exploded view)
- (d) Experiments Manual

Additional Spare / Replaceable parts

17. Replaceable spare / parts during scheduled inspections are to be identified and provided along with equipment sufficient to cater five years consumption. Software upgrades must be provided free of cost for five years. License of the software must be provided free of cost at every upgrade. All the specialized / standard tools required for inspection / repair / servicing must be supplied along with equipment.

Training

18. All requisite training for hardware and software to be given to at least 6 members. The training should include complete setup preparation, all hardware installation, suspension system installation, excitation system installation and software setup. Training also should include one complete dry run of system including pre-test correlation and post processing of results. Supplier will provide a set of training handouts for operation and maintenance

Commissioning

19. Commissioning of the equipment will be carried out at PAC Kamra by OEM rep. The supplier at his own cost and risk shall be responsible for commissioning of the equipment at designated site. Failure of conformity to specifications shall be cause of rejection of supplied units.

Liability of Supplier

20. In case the equipment supplied is not compatible with specifications, the supplier will be obliged to call his representatives at his own cost for consultation and corrective action. Supplier is to provide original OEM certificate of subject equipment from the manufacturer and being an authorized dealer. Supplier is to provide certificate by OEM that equipment is being sold directly from OEM.

Annexure "B" (Form PACB – 02A)

PAKISTAN AERONAUTICAL COMPLEX KAMRA

SCHEDULE TO TENDER

1. TENDER INQUIRY NO: PACB/721/150724001/0758/P-3
2. Time and Date of opening Tender at 1100 Hrs on 03 September, 2024.

No extension in opening date will be granted except extreme circumstances

(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)

Annexure "E"

Form PACB - 002B

UNDER TAKING
(Fill in and Return)

To,

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

Dear Sir,

I / We hereby offer to supply to PAC, Kamra 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 valid till 30-06-2025 from the date of opening the tender)	
3.	Country of Origin	
4.	Port of Shipment	
5.	Terms of Payment (As per Para 19 of IT)	
6.	Confirmation to provide Maximum up to 10% Bank Guarantee	
7.	Warranty / Guarantee period offered by Firm (As per Para 21 of IT)	
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, Kamra	
12.	Signing Authority (Name, Designation, Contact Details)	
13.	Address of local firm along with contact No, email etc.	
14.	Manufacturer and Brand Name (If applicable)	
15.	Complete IT Document dully filed, signed and stamped on each page by authorized signatory of the firm	

Annexure "G"

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 DBA PAC, KAMRA who is the Account Officer specified in the contract. The DBA PAC KAMRA 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 in force till 60 days beyond the Delivery Period stipulated in the contract.

(ii) **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 DBA PAC, Kamra 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 CIP 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 DBA PAC, Kamra.