

PLEASE READ CAREFULLY

- ❖ Participating bidders are 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 bidders are 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
(SINGLE STAGE TWO ENVELOPE BASIS)
(F O R)**

Tender No PACB/786-A/17355036/0345/P-4
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

02 February, 2018

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. (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 “**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 - 02A & PACB - 02B:** Form **PACB - 02A & PACB - 02B** duly filled-in are to be returned with the offer duly signed by the authorized signatory person.
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 working 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 working 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 03 Months after 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, 2018**.
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 051-90990-6564 or Directorate of Logistics, APF (JF-17) PAC Kamra 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. EXAMINATION OF SPECIFICATION / SAMPLES: When sealed pattern of stores are mentioned in the "Schedule to Tender" these may be seen at the place stated in the schedule and should be examined by you, or competent person on your behalf before the submission of tender.

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

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

(b) 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).

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

18. PRICES: The prices quoted must be per unit of issue / accounting unit as shown in the "Schedule to Tender" inclusive of sales tax/excise duty and surcharges. The breakdown of taxes/excise duty is to indicated separately. The prices must be stated for each item separately both in figures and words in Pak currency. Over writing / erasing in prices will be rejected. Mention GST separately.

19. COUNTRY OF MANUFACTURE: Country /place of manufacture of stores is to be provided alongwith offer.

20. 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) Form PACB-002A, PACB-002B & PACB-002C 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. 100/-
- (p) Bid Security not provided.
- (q) Offer with Prior sale condition.

21. PAYMENT:

100% on CRV's with 10% Performance Bank Guarantee.

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

- (a) Proof of appearance on Active Tax Payer list of FBR
- (b) Photo copies of valid registration and indexation with PACB/DGDP applicable to the store / equipment offered.
- (c) A copy of letter showing firm's financial capability. Bank statement for last 01 year and other details to ascertain financial capability of firm.
- (d) Copies of audited accounts of the company for the last two accounting years that are prepared in accordance with the International Accounting Standards (IAS).
- (e) Photo copies of General Index number (GID), National Tax number (NTN), Sales Tax registration certificate.

- (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:-

- (l) Local agents / firms have to submit the copy of CNIC and 02 passport size photographs of person signing tender.
- (m) Letter of authorisation from the Manufacturer confirming that the bidder is authorized to deal with the item quoted.

23. 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 (ISO) who is the accounts officer specified in the contract. CMA (ISO) 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.

24. INSPECTION / ACCEPTANCE OF STORES:

- (a) Stores will be accepted at firm's premises/consignee by the inspector / Inspection officer of the PAC Board.
- (b) Warranty / Guarantee as per format for period of one year will be applicable for stores commencing from the acceptance of store / installation at consignee.

25. 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.

- 26. TENDER OPENING:** Only authorized person of firm will be allowed to attend tender opening.
- 27. 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 Bid Security.
- 28. TREASURY CHALLAN:** Offer must be accompanied by Challan Form No. F-32A of Rs, 100/- obtained from State Bank of Pakistan/ Govt treasury under **“Departmental Receipt Major Head 1221000”** CMA (ISO’s) Rawalpindi on behalf of **“Director Central Procurement PAC Board Kamra”**. Only one offer can be made for same item on one Challan. Multiple offer / rates, if quoted will be rejected.
- 29. SEQUENCE OF QUOTATION:** Quotation must be prepared according to the item serial no sequence of Schedule to Tender (Form **PACB-002A**).
- 30. 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.
- 31. BID SECURITY:** The Bid Security@ 5% (not exceeding 0.500 M) will be deposited by all firms. Bid Security will be deposited in favour of CMA (ISO) 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 Bid Security.

Note: - No Quote will be accepted without Bid Security which will be as per IT clause 31. However, Bid Security must be provided in shape of CDR / Pay order / Demand draft only otherwise your quotation will be rejected.

32. 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”.

33. 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, 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 unchallengeable in any court of law

34. LITIGATION

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

35. 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.

36. 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.

37. 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.

38. REGISTERED SUPPLIER WITH FBR:

- (a) Only registered supplier who are on Active Taxpayers List (ATL) of FBR eligible to supply goods / services Government Department.
- (b) The payment to the registered persons will be linked with the active taxpayer status of the suppliers as per FBR database if any registered supplier is not in ATL his payment will be stopped till he files his mandatory returns and appears on ATL of FBR.

39. 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.

40. DISCREPANCY

The consignee will render a discrepancy report within 90 days after receipt of the material in Pakistan for any discrepancy found in consignment and shortage in quantities for which the seller is responsible to replace short quantity free of cost. If the seller is unable to provide the replacement for the rejected store / short quantities within 90 days, the seller will make a complete refund of any payment received against the rejected store / short quantities to the purchaser. In case of surplus supply by the seller, the purchaser will render to the seller the material delivered in excess at seller's expense. Discrepancy report regarding loss/damage will be immediately lodged with the seller/carrier. Reasonable time be provided to the purchaser to inspect the store. The seller will co-operate with purchaser in filling claims with the carrier. In case the stores on checking / test after receipt at consignee's warehouse are found not conforming strictly to the contract specification and other particular, the Seller shall immediately replace the rejected store by acceptable store free of cost and without any obligation to the Purchaser. If the seller is unable to provide the replacement for the rejected store within 90 days, the seller will make a complete refund of any payment received against the rejected store to the purchaser. Rejected

stores will be disposed off by the Seller under his own arrangements within 14 days from the date of rejection and within 72 hours in case of dangerous, infected and perishable stores. In case the seller fails to lift the stores within the above mentioned stipulated period he will pay storage charges at the following rates. Moreover the purchaser shall not be responsible or accountable for the safety or security of the rejected stores if not lifted by the seller after the stipulated time period:-

Cost of the Stores Storage Charges

a. Upto Rs. 1 M	5% per Annum
b. Above 1 and upto 5 M	4% “ “
c. 5 to 10 M	3% “ “
d. over 10 M	2% “ “

41. 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 APF (JF-17) PAC Kamra
Tel No 051-90990-6564

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

Yours sincerely,



(FAHEEM MUMTAZ)
Flight Lieutenant
Asstt Dir Central Proc
PAC Board Kamra
Tel Ext: 2543

Enclosure:-

SCHEDULE TO TENDER	Form (PACB – 02A)
UNDERTAKEN	Form (PACB – 02B)
QUESTIONNAIRE	Form (PACB – 02C)
SPECIAL INSTRUCTIONS	Form (PACB – 02D)

SCHEDULE OF STORES

Tender Inquiry No: - PACB/786-A/17355036/0345/P-4

TENDER SUBMISSION TIME: -

Before 1030 Hrs on opening date

TIME & DATE OF OPENING

1100 Hrs on 19-02-2018

LIST OF ELECTRONIC COMPONENTS REQUIRED TO BE PROCURED FOR INDIGENOUS PRODUCTION OF 05 SETS OF UFCP					
S NO	PART NO	NOUN	U/I	BOOK / TO REF	QTY REQ
1	MCCTB105M035	CAPACITOR 1uf SMD	Ea	UFCP Technical Manual TM- UFCP-00	140
2	MC0805B103J500CT	CAPACITOR 10NF 50V 0805 SMD	Ea		5
3	MC0805N220J500CT	CAPACITOR CERAMIC MULTILAYER 22PF SMD 50V 0805	Ea		20
4	C2012X7R1V475K125AC	CAPACITOR CERAMIC 4.7UF 35V X7R 0805	Ea		20
5	MC1206B106K160CT	CAPACITOR CERAMIC SMD MULTILAYER 10UF 16V	Ea		35
6	12065C104KAT2A	CAPACITOR, 100 NF, 50V, 1206 9SMD, 0.1 UF)	Ea		95
7	RM-262-050-451-2000-076	RECEPTICAL 2 ROW, 50 PIN, MOTHER	Ea		5
8	NK-1C2-031-128-TH00	PLUG 1 ROW 31 PIN CABLE TO BOARD HORIZONTAL SMT NK-SERIES	Ea		10
9	ZX62D-B-5PA8(30)	CONNECTOR RECEPTACLE USB MICRO B 2.0 5P SMD	Ea		5
10	NK-1C2-009-128-TH00	PLUG 1 ROW 09 PIN CABLE TO BOARD HORIZONTAL SMT NK-SERIES	Ea		5
11	ABLS2-8.000MHZ-D4Y-T	CRYSTAL 8.0000MHZ 18PF SMD	Ea		10
12	1N4148	SMALL SIGNAL DIODE	Ea		10
13	IKH0803000	SMD HALF PITCH DIP SWITCH 8 POLE	Ea		5
14	XC6SLX9-2TQG144I	IC FPGA 102 I/O 144TQFP	Ea		5
15	929550-01-06-I	HEADER 6P R/A 1 ROW GOLD	Ea		10
16	951204-7722-AR	3M PIN STRIP HEADER MALE 2MM X 2MM RIGHT ANGLE SOLDER TAIL	Ea		10
17	SN65176BD	BUS TRANSCEIVER DIFF, 65176,SOIC 8 (SMD)	Ea		10
18	LM555J	I.C	Ea		5
19	TXB0108PWR	IC 8-BIT TRANSLATOR 15KV ESD 20TSSOP	Ea		25
20	SST25VF040B-80-4I-S2AE-T	FLASH MEMORY 2.7V TO 3.6V 4MBIT SPI SERIAL FLASH	Ea		5

21	ILSB1206ER100K	Inductor 10uH 25mA 1 Ohm SMD	Ea	UFCP Technical Maual TM- UFCP-00	5
22	ATMEGA2560V-8AU	8 BIT 256K FLASH MCU SMD TQFP 100	Ea		5
23	ATMEGA32U4TQFP	8-bit Microcontrollers - MCU AVR USB 32K FLASH INDUSTRIAL"	Ea		5
24	AQY272AX	PHOTO MOS RELAY	Ea		85
25	CRCW08050000Z0EA	RESISTOR SMD 0.0 OHM JUMPER 1/8W 0805	Ea		370
26	MC01W0805110K	RESISTOR, 10K (SMD $\pm 1\%$ TOLERANCE 0805 CASE SIZE)	Ea		105
27	MC01W080511K	RESISTOR, 1K (SMD $\pm 1\%$ TOLERANCE 0805 CASE SIZE)	Ea		245
28	MC01W08051120R	RESISTER 120 OHM, 150V, SMD, 0805	Ea		60
29	MC01W08051200R	RESISTOR 200 OHM SMD 150V 0805	Ea		40
30	MC01W08051240R	RESISTOR 240R, 0.1W, 1% 0805	Ea		30
31	MC01W08051470R	RESISTOR 470 OHM SMD 150V 0805	Ea		5
32	MC01W0805122R	RESISTOR 22 OHM SMD 150V 0805	Ea		10
33	PV36W103C01	TRIMMER 10MM, 10K OHM (THT)	Ea		15
34	2N2222A	TRANSISTOR NPN	Ea		25
35	2N3904	TRANSISTOR	Ea		20
36	PV36W105C31	Trimmer Potentiometer, 1M ohm, 500 mW, $\pm 10\%$, Trimpot 3296 Series, 25 Turns, Through Hole	Ea		10
37	CG0603MLC-05E	ChipGuard MLC Series - ESD Protectors	Ea		10
38	NCP1117ST33T3G	IC REGULATOR LDO 3.3V 1A SOT223	Ea		10
39	LD1117S12CTR	LD1117 series positive voltage regulators	Ea		5
40	SN74LVC245ADW	SN74LVC245ADWR, TRANSCEIVER, 1.65V TO 3.6V, SOIC-20	Ea		10
41	CRCW1206154KFKEA	RESISTOR 1206, 154K 1% (SMD)	Ea		5
42	MC0.125W12061%1K62	RESISTOR 1K62 0.125W 1% 1206	Ea		5
43	MC0.1W08051%1K	RESISTOR 1K OHM SMD (0805)0.1W +-1%	Ea		10
44	CKG32KX7R2E224M	CAPACITOR 220NF, 250V ,X7R, SMD (0.22UF)	Ea		5
45	BFC233820103	CAPACITOR CLASS X2,10NF,310VAC(0.01UF,THT)	Ea		10
46	502S47W472KV3E	CAPACITOR,4.7NF,250 V,SMD,(4700 PF, CASE 2220)	Ea		20
47	EEEFK1V331P	CAPACITOR 330UF, 35VDC	Ea		5

48	B45197A2477K509	CAPACITOR 470uF 10V SMD,E-SERIES	Ea	5
49	1.5KE82CA	DIODE, TVS, 82V, 1.5KW, AXIAL CB-429	Ea	5
50	SRF0905-100Y	COMMON MODE CHOKE, 10 UH, 1.6A, 30% (SMD) CASE SIZE 0905	Ea	5
51	SRR1208-270ML	INDUCTOR, 27UH, 3A, 20%,6.5MHZ (SMD)	Ea	5
52	TR1/6125TD1-R	FUSE SMD 1AMP TIME DELAY	Ea	10
53	BNX002-01	DC POWER FILTER	Ea	5
54	V28C5M50BG	DC-DC CONVERTOR 28V IN 5V OUT	Ea	5
55	M-FIAM9MG1	INPUT ATTENUATOR MODULE	Ea	5
56	RM-262-010-461-5800-076	RECEPTICAL RM 2ROW 0.075 SPACING 10PIN (THT)	Ea	5
57	MC0.1W08051%100R	RESISTER 100 OHM 1% 0.1W SMD CASE 0805	Ea	20
58	MC0.1W08051%10K	RESISTOR 10K OHM SMD (0805)0.1W +-1%	Ea	5
59	TPSA106K010R0900	CAPACITOR (SMD 10UF)	Ea	5
60	VJ1111D151KXGAJ	CAPACITOR 150PF 1000V SMD CASE SIZE 1111	Ea	5
61	12065C105KAT2A	CAPACITOR 1 UF 50V 1206 SMD	Ea	145
62	ADC0802LCWM	8-BIT MICRO PROCESSOR COMPATIBLE A/D CONVERTOR NS PACKAGE NUMBER M20B	Ea	5
63	ATMEGA8515L-8AU	8 BIT 8K FLASH MCU SMD TQFP44	Ea	5
64	Atmega128L-8AU	8 BIT MICROCONTROLLER, LOW POWER HIGH PERFORMANCE, ATMEGA, 8 MHZ, 128 KB, 4 KB, 64 PINS, TQFP	Ea	10
65	X9T-450-D	TRIANGLE DOME DIA 9MM	Ea	140
66	HDSP-2133	EIGHT CHARACTER ALPHANUMERIC DISPLAYS	Ea	20
67	W30514TRC	14 WAY TURNED PIN DIL SOCKET 0.3IN PITCH	Ea	40
68	21347-002	NIGHTSHIELD NVIS GREEN B FILTER FOR GREEN LED	Ea	1
69	MC01W080511K2	RESISTOR, 1.2K OHMS (SMD ±1% TOLERANCE 0805 CASE SIZE)	Ea	240
70	3G2TSC	LED (3MM GREEN 522.6- 533.7NM WATER CLEAR HIGH MCD 30 DEGREE)	Ea	40
71	L-65196-A1206-002	NVIS 1206 SLIM SMD LED GREEN"A"	Ea	240
72	RM-212-010-111-5700	PLUG RM-2ROW.075" SPACING 10 CONTACTS	Ea	5

73	NM-122-009-261-JCAB	RECEPTICAL 01 ROW 09 PIN CABLE TO BOARD HORIZONTAL SMT NM-SERIES	Ea		5
74	RM-212-050-111-6600	PLUG 2 ROW 50 PIN	Ea		5
75	NM-122-031-261-JCAB	RECEPTICAL 01 ROW 31 PIN CABLE TO BOARD HORIZONTAL SMT NM-SERIES	Ea		10
76	100-30TBK	WIRE TEFZEL 30AWG BLACK 100M	RL	UFCP Technical Maual TM- UFCP-00	1
77	471-TRANS-1X36YD	ADHESIVE TAPE	RL		5
78	D626250G	SOLDER WIRE, 60/40, 0.46MM, 250G	Ea		5
79	805036BBK032	FLAT-BRAID LACING TAPE BLACK (NYLON)	RL		5
80	KYNAR-3/64-X	HIGH TEMPERATURE HEAT SHRINK 1.2MM	MR		10
81	1335836	THREAD LOCK 10 ML , LOCTITE 243	BT		5
82	0301CV-100W	CABLE TIE, WR, 100X2.5MM, PK100	Pk		5
83	6045	SOLDER WICK (L=1.5M W=2.8MM)	RL		10
84	1705055	LOCTITE SEALENT TEMP FLEX 5145 40ML COLOUR TRANSPARENT	TU		5
85	CP-3015F	DESOLDERING WICK (1BOX contains 20 PCS)	BX		5
86	638135	LIQUID FLUX	BT		5
87	MMS79121	99.7% IPA ALCOHOL	LR		25
88	1B31	Conformal coating paint	LR		5
89	602-245	THINNER HUMISEAL	LR		25
90	RTV3145	SILICA GEL	TU		5
91	SPOT-ON(561-549)	Peelable Glue	BT		10
92	Sn63Pb37	SOLDER (Diam 0.032in 0.81mm Flux 2.0%)	EA		5
93	WS-200	SOLDER PASTE 500GM	Tin		5
94	179-209	ESD BAG (STANDARD) WXH=12"X16"	EA		1
95	FEC891186	Flux Pen	Ea		20
96	T598CH	KAPTON TAPE 1/2X36 YDS	RL		5
97	FEC111-5477	TIP TTC CLEANER	Ea		10
98	555-409	8-LEVEL STRIP (71° to 110°)	Pk		10
99	5855PK0000495	ROUND KNOB POINTER BAR GRAY COLOR	Ea		20
100	5637A	STANDARAD PEAR TOGGLE SPDT	Ea		5
101	L14234	POTMETER 10K 1 WATT DUEL GANGE WITHOUT SWITCH	Ea		10
102	L14235	POTMETER 5K 1 WATT SINGLE GANGE WITH SWITCH	Ea		10
103	MQ-322-051-261-41WZ	RECEPTACLE 51 PIN FEMALE CONNE	Ea		5

104	50112	Clear weld, Quick Setting Epoxy By JB-Weld	Ea		5
105	EH2600ETTTS-2.097152M	STANDARD CLOCK OSCILLATOR 2.097152MHZ 3.3V 100PPM	Ea		5
106	ULN2803ADW	DARLINGTON TRANSISTOR ARRAY	Ea		5
107	MC0.1W08051%4K7	RESISTER	Ea		25
108	8115PK0000780	EMPTY PLASTIC BOX (L=1'-9" W=2'-0" H=2'-0")	BX		5
109	XCF04SVOG20C	IC PROM SRL for 4M gate 20-TSSOP	Ea		5
110	MC01W08051270R	RESISTOR 270 OHM, 150V, SMD, 0805	Ea		5
111	61300621021	HEADER & WIRE HOUSINGS WR-PHD 2.54MM HDR 6P DUAL RA GOLD	Ea	UFCP Technical Maual TM- UFCP-00	25
112	VCUT0714A-HD1	TVS DIODE 7VWM/14VWM LLP10062L	Ea		20
113	MC01W0805110R	RESISTOR 10 OHM, 150V, SMD, 0805	Ea		20
114	BC63916	NPN Epitexial Silicon Transistor	Ea		20
115	2SC1383	TRANSISTOR NPN 25V 1A TO-92L	Ea		20
116	31B/NIV-L-18	FIBER BOX	Ea		5
117	MC01W080511M80	RESISTOR 1.8M OHM, 150V, SMD, 0805	Ea		5
118	MC01W0805156K	RESISTOR, 56K, 0.1W, 1%, 0805	Ea		15
119	32B/9433239	TAPE MASKING 1" (ABRO COMP)	RI		5
120	100036S	Acetone Analar 2.5L	BT		5

LIST OF MECHANICAL COMPONENTS REQUIRED TO BE PROCURED FOR INDIGENOUS PRODUCTION OF 05 SETS OF UFCP

S.NO	PART NO	NOUN	U/I	BOOK / TO REF	Qty req/set	QTY REQ
1	5841PK0001065	UFCP LRU CHASSIS COMPLETE with below : CHASSIS MIDDLE FRAME BRIGHTNESS CONTROL PLATE BACK COVER LASER MARKED FRONT PLATE BUTTONS & WINDOWS	EA	UFCP Technical Manual TM- UFCP-00	1	5
2	5841PK0000254-2-2	UFCP Bare PCB Brightness Control Plate Size L= 151 MM, W= 70 MM	EA		1	5
3	5841PK0000254-3-2	Bare PCB Button Illumination Size L151MMXH67MM	EA		1	5
4	5841PK0000254-3-2-1	UFCP Bare PCB Dome and Dot Matrix (Gold Plated) Size L151MMXH67MM Thickness 1.6 MM.	EA		1	5
5	5841PK0000254-9-1	UFCP Bare PCB of Power Supply Card Size L= 62MM, W= 150MM	EA		1	5
6	5998PK0001162	UFCP Bare PCB Processor Card Size L=143 MM, W= 126MM	EA		1	5
7	5998PK0001153	Displays Spacer PCB	Ea		4	20

Notes

1. Quotation must be submitted on '**FOR**' basis.
2. Payment will be made as per PAC Board procedure.
3. Supplier be made responsible for warranty / guarantee of item.
4. Technical / operation manuals will be provided by seller free of cost
5. Inspection / acceptance of store as per APF Quality Control Department.
6. Store should be Factory new and from current year production.
7. 01 Year Warranty Must Be Provided.
8. The stores should be delivered by the seller to APF on FOR Kamra basis
9. Prices and part catalogue be provided free of cost.

10. Items would only be acceptable exactly against tendered part number. No in lieu would be acceptable on delivery without prior technical acceptance of user.
11. **(a). Electronic components of UFCP from S No 01 to 108 are to be quoted and evaluated as one package.**
(b) Mechanical components of UFCP from S No 01 to 07 are to be quoted and evaluated as one package.

Form PACB – 02A

**PAKISTAN AERONAUTICAL COMPLEX BOARD
KAMRA**

SCHEDULE TO TENDER

1. Tender Inquiry No **PACB/786-A/17355036/0345/P-4**
2. Time and Date of opening Tender at **1100 Hrs on 19-02-2018**

(1)	(2)	(3)	(4)	(5)	(6)
Item No	Description of stores and specifications	Unit of issue	Qty	Price per unit	Total price

Grand Total _____

Signature of Tenderer
(Capacity in which signing)

Form PACB - 02B**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 – 02A** and further agree that this offer will remain valid upto _____ 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 despatched 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.

Yours faithfully

Witness’s Signature:

Name:

N.I.C No.

Address:

Signing:

Date:

Signature of Tenderers:

Name:

N.I.C No.

Capacity in which

Address:

Date:

Tele:

Telex/Fax:

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 copy of valid registration / business authorization of firm have been enclosed herewith.		
7.	Whether tender fee challan amounting to Rs 100/- has been enclosed herewith.		
8.	Whether details of financial capability (Bank Statement etc.) and financial load of contracts outstanding against your firm have been provided.		
9.	It is confirmed that no Taxes / Duties & Dues payable to Pakistan Govt are outstanding at the part of vendor / firm.		
10.	Copy of NTN and Sales Tax Registration Certificate		
11.	It is confirmed that firm and their proprietors have not been in litigation / blacklisted by any Govt./Semi-Govt / Autonomous body		
12.	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		
13.	All requisite documents as per Para 22 of Invitation to tender have been attached.		
14.	10% PBG will be provided at the time of signing of contract		
15.	Warranty / Guarantee will be provided for required period		
16.	Letter of Authorization to sign Tender Documents on behalf of firm has been attached.		
17.	Offer is without any condition		
18.	All terms and conditions mentioned in IT are acceptable		

Dated: _____

(Signature of Bidder & Stamp)

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 30-06-18)	
3.	Terms of Payment (As per Para 21 of IT)	
4.	BG% (Confirmation to provide 10% BG)	
5.	Complete Bank address and Account Details For Payment.	
6.	Previous Experience (Nature of Business and No of Years in Business)	
7.	Registration Status With PAC Board	
8.	Signing Authority (Name, Designation, Contact Details)	
9.	Address of firm along with contact No, email etc	

GENERAL CONDITIONS FOR BG

- (a) To ensure timely and correct supply of stores, the firm will furnish an unconditional Bank Guarantee within 30 days of the signing of the contract from a schedule Bank for an amount of Rs _____ i.e. _____% 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 10% of total value of contract excluding taxes/duties and freight/handling charges etc. It shall remain enforce 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 10% of contract value excluding taxes/duties and freight /handling charges, etc. Duration of BG against Warranty Clause is variable. Normally under DPL –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 fail 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 (ISO) 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 the 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 (ISO) Rawalpindi.