

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.

**Form PACB-002**

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

**INVITATION TO TENDER AND GENERAL INSTRUCTIONS TO BIDDERS
[SIGEL STAGE , TWO ENVELOPE] (FOB)**

Tender No PACB/721/311018051/0518/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
April, 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. (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 - 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 **03 to 06 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 12.53% 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/721/311018051/0518/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
	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 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)

SCHEDULE OF STORESTender Inquiry No: - **PACB/721/311018051/0518/P-3**

TENDER SUBMISSION TIME: - Before 1030 Hrs on opening date

TIME & DATE OF OPENING	1100 Hrs on 08-04-2019
Extended upto	1100 Hrs on 12-04-2019
Extended Upto	1100 Hrs on 26-04-2019

(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 ITEMS FOR UPGRADTION OF COMM SERVER FOR MRO**As per following specifications****SPECIAL NOTES: -**

1. Warranty of equipment shall be for 12 Months after Provisional Acceptance Testing (PAT) to PAC Kamra. Vendor has to quote C&F prices in US \$ and vendor will provide Air way bill, Performa Invoice, Packing list at the time of clearance of shipment. Custom Clearance, Insurance & inland transportation will be responsibility of PAC Kamra. Partial shipping is allowed & vendor will do the inspection/hardware verification of equipment at PAC Kamra premises.
2. The Supplier shall provide warranty replacement of equipment within 15 days of the intimation of the fault if it has to come from foreign. However, ND (Next Day) support will be provided by the vendor.
3. The indented items are to be provided as per TSR specifications.
4. Supplier is to ensure integration of supplied equipment with existing Meridian Exchanges, PAC NGN, existing IPO 500 and Scopia Video Conferencing equipment .
5. Technical vetting shall be carried out by PAC Comm Centre before finalization of contract.
6. Submitted proposal must be a complete solution as per the TSR. Moreover, the firm should have past experience of providing integrated solution as per network architecture defined in TSR and the details of such previous projects is to be submitted along with the proposal.
7. Manufacturer Authorization Form from OEM is mandatory requirement.
8. This procurement case is a turnkey project in which supplier providing the store is also responsible for delivery of services along with integration with existing Telephony as a complete solution. **Therefore, Manufacturing Authorization form (MAF) has been asked to exclude the authorized Avaya partners not**

having the capability to provide complex IP Telephony installation, Configuration and integration services.

9. Participating vendor should have previously worked/deployed IP Telephony at PAC Kamra and only those vendors are eligible to participate for this RFP requirement.
10. Store should be factory new and from latest production batch. The batch No and a certificate in this regard be submitted at time of stores delivery.
11. All software/ hardware licenses in the system have to be of "Permanent Nature" means not for specified period/demo version.
12. Participating firms should have branch offices in major cities of Pakistan like Islamabad, Lahore & Karachi and an experience in dealing such equipment.
13. The OEM must have its corporate HQs based in Europe or America.
14. This is a Turnkey Project; partial bidding not allowed and will lead to disqualification.
15. Vendor must be maintaining minimum authorized Partnership status with Principal of quoted brand.
16. Vendor should have done projects of similar nature and size.
17. Vendor should be in similar business for at least 5 years.
18. Vendor should have Technical team and should has 2-3 Certified Staff by the Principal for Avaya Aura CM7 & on their company pay roll as permanent employees of the company. (Documentary proof required & to be submitted with the bid).
19. Integration with existing setup will be responsibility of vendor.
20. Vendor should be sound financially and must have annual turnover of more than Rs. 20 million per year, Audited Financial reports for last 03 Years must be submitted with the bid.
21. Necessary Local Trainings would also be imparted to PAC Team on site. This should include the hands-on training as well. Moreover, 02 Session of foreign training (FOC) will also be imparted to 03 personnel in each session for IP Telephony for approx two weeks which is the responsibility of the vendor.
22. Detailed compliance statement of TSR documents would be required Mandatory with Technical Proposal having Compliant, Non-Compliant and Partial Compliant columns followed with remarks column if any.

**PAC - IP TELEPHONY
IP TELEPHONY EQUIPMENT
FOR PAC Kamra Factories.**

TSR DOCUMENT

Table of Contents

1. Introduction	17
Network Architecture.....	18
2. Scope of Work	18
System Requirements	19
General	19
4. Maintenance Support/ Repairs and Replacement	19
Spares	20
5. Documentation.....	20
6. Acceptance Testing.....	21
Provisional Acceptance Testing.....	21
Final Acceptance	22
7. Training.....	22
8. Software Support.....	23
9. System Installations and Commissioning	23
Quality Assurance	23
Reservation of Rights.....	23
Roadmap of Products	23
General Requirements of the Equipment.....	23
10. Server Room UPS.....	24
11. VOIP Solution Compatible with Existing Avaya CS1000 Server	26
Scale	26
Deployment Models.....	26
Supported Telephony Devices	27
Conferencing.....	27
Application Interface.....	27
Features and Benefits Summary.....	27
Avaya 1408 Digital Deskphone	29
Avaya 1416 Digital Deskphone	30
Avaya 9404 Digital Deskphone	31
Avaya 9408 Digital Deskphone	32
Avaya Vantage K175 – Andriod based Video Phone	33
Solution Required	35
BOQ:	36
1. Introduction	

- i. PAC is planning to upgrade as well as make addition to its Telephony network. The intended solution is envisioned to provide and support IP based multiple services such as IP based, Voice, video telephony and high definition video conferencing.
- ii. This TSR governs the deployment of IP Telephony at PAC Kamra Factories. The objective of this document is to define the scope of work, technical specifications and standards or equipment and

services required for deployment of the access network. The detail of architecture is covered below.

iii. Network Architecture

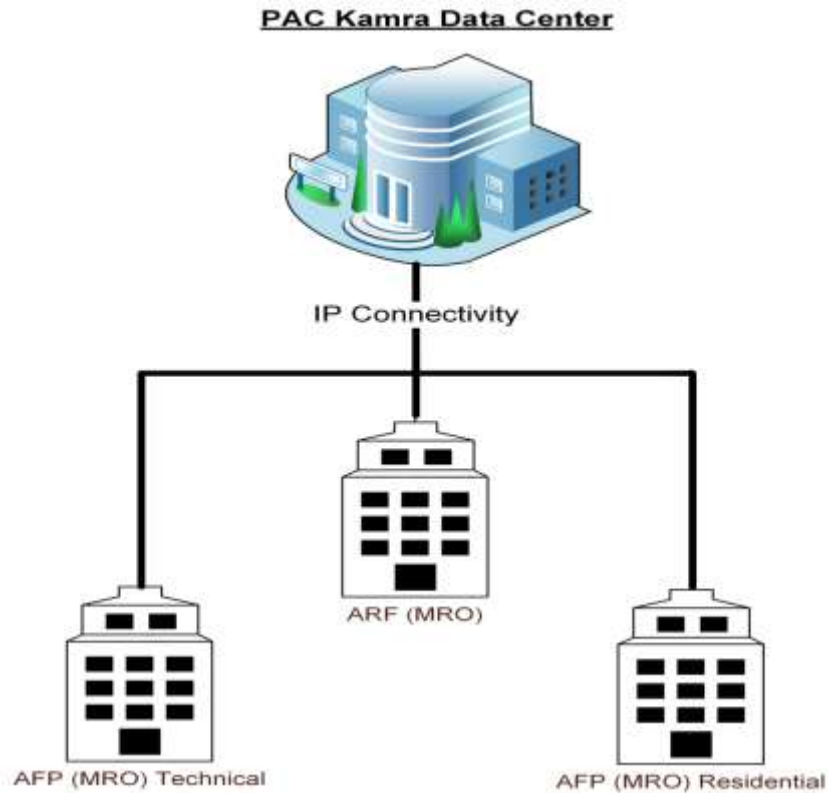


Figure 1: Network Architecture

2. Scope of Work

- i. For the execution of the works the bidder shall undertake to supply, install and commission all hardware and software including equipment, installation material, interfacing units, mounting cabinets, power supply etc., as detailed in this Specifications, which shall be necessary for a complete functioning entity. Any other fittings or accessories like jumper wire, separate power & data cable trays etc. under scope of work which may not have specifically been mentioned in the BoQ, but which are necessary to meet the Specifications shall be provided by the bidder without any extra charges. In case of doubts, kindly get written clarifications from the PAC Comm Centre. Following items shall be required for the execution of the work.
- ii. Hardware as per BoQs including network equipment, power system, equipment cabinets, distribution panel etc.
- iii. Installation materials
- iv. Services (Engineering, installation, commissioning, support, etc.)

- v. Training
- vi. Documentation both in soft and hard copies
- vii. All other necessary items

System Requirements

General

- i. The bidder shall provide documentary proof of deployment of offered equipment and its inter-working with equipment in major organizations and shall provide proof of concept for the same.
 - ii. The bidder shall also guarantee the compatibility of the offered equipment with the industry leading telephony/equipment.
 - iii. The bidder shall supply all the necessary power required for the installation of the offered equipment.
 - iv. The bidder shall not quote End of sale and End of Life products/services.
 - v. The bidder shall also provide life cycle of the offered equipment.
 - vi. The offered equipment shall be scalable. The bidder shall provide the basic/ultimate capacity of the offered system.
 - vii. The bidder shall provide warranty of 1 year on all the hardware/software supplied. The warranty shall start from the date of issuance/implementation of Telephony Network at PAC.
 - viii. All devices selected should be ready to support all the features required from day one to run the services defined in this document.
 - ix. The bidder shall provide project implementation plan.
 - x. The bidder shall provide complete range of the proposed equipment with proper justification as to how this equipment fits in place.
 - xi. Bidders are advised to quote complete solution as this is the Turnkey project and partial bidding will lead to disqualification.
 - xii. The bidder is required to offer modular operating system & single Operating Systems for all devices will be preferred. Bidder has to specify if there is multiple Operating Systems for different devices as PAC has to manage the manpower to run this setup.
4. Maintenance Support/ Repairs and Replacement
- i. Warranty Period for all units/sub units of the offered equipment shall be one year from date of issue of Provisional Acceptance Certificate (PAC).
 - ii. The bidder, at no cost to PAC, shall replace any units or components, which fail during the warranty period.
 - iii. Bidder to stipulate a procedure of reporting faults of parts under warranty to PAC.
 - iv. The bidder shall maintain adequate spare stock for replacement of faulty part within 48 working hours.

- v. The bidder shall provide 24x7 support.
- vi. The bidder shall propose precise procedures to be adopted for the replacement of out of warranty damaged/faulty parts.
- vii. A full detailed Repair report indicating the cause of the fault shall be provided with the returned offered equipment.
- viii. If the successful bidder, having been notified, fails to remedy the defect(s) within 15 days, PAC may proceed to take such remedial actions as may be necessary, at the successful bidder's risk and expense and without prejudice to any other rights which PAC may have against the successful bidder under the contract.
- ix. The guarantee period of the repaired items shall be minimum one year from PAC.

Spares

- i. The bidder shall guarantee the availability of spare components, units, subunits and compatible offered equipment at fixed escalated cost and delivery for a period of ten (10) years from the completion date.
- ii. Spares shall be considered as being:
- iii. Units, sub-units, assemblies.
- iv. Components of the offered equipment supplied under this tender.

5. Documentation

- i. The bidder shall list the documents of the supplied system in the bid. All documentation shall be in English Language.
 - ii. With the offered equipment, 2 sets of documents (soft & hard copy at each site) shall be supplied. Documents shall be comprehensive but not limited to the following:
 - iii. A detailed reference manual for all commands available on the system.
 - iv. User Guides/Manuals
 - v. The metric system of units shall be employed throughout.
 - vi. The bidder shall bear full responsibility for reprinting and inserting of any document sheet found to be lacking during the warranty period.
 - vii. All documentation, in its final form, shall be supplied to PAC within one month prior to delivery of offered equipment.
 - viii. The bidders shall provide full details of all the software programs used on the offered equipment.
 - ix. The bidder shall provide all documentations in both Hardcopy as well as Softcopy.
 - x. The bidder shall supply release notes for each new release of software.
6. The new software should be backwards compatible to at least major prior releases.

Acceptance Testing

- i. In acceptance testing, the successful bidder shall demonstrate to PAC satisfaction, that all offered equipment supplied meet with the requirements of the specification and that all the systems/offered equipment shall operate within the specified parameters

Provisional Acceptance Testing

- ii. The successful bidder shall offer the systems for provisional acceptance testing as soon as the works are ready for handover. The successful bidder shall provide the supervisory personnel and equipment necessary to make proof of performance test as required in the specifications and as approved by PAC.
- iii. Failure to meet such tests or any test required by PAC to show compliance with the specifications shall be sufficient cause for rejection and such test or tests shall be repeated after modifications or replacements as deemed necessary by PAC.
- iv. If performance is found to be marginal or that the results of any phase of the tests are inconclusive, further testing shall be performed as required by PAC. Any such re-work or re-testing shall be at the cost of successful bidder.
- v. Once the Successful bidder has satisfied PAC that the systems are ready for handover and their performance complies with the specifications laid down in the Contract, and that the spare parts are complete in working order and in place, and that the training has been completed as required from the successful bidder, PAC shall provide the successful bidder with a certificate of Provisional Acceptance (PAC).
- vi. At least two weeks before offering the systems for acceptance testing, the successful bidder shall propose acceptance test procedure, taking into account the features/tests defined in the technical specification, for PAC's approval. PAC may approve the procedure as proposed, or after such modifications as are deemed necessary for proof of performance.
- vii. Upon the successful completion of the acceptance tests a Provisional Acceptance Certificate (PAC) shall be issued by the PAC.

Final Acceptance

- i. A Final Acceptance certificate will be issued subject to twelve (12) months of satisfactory operation/performance after Provisional Acceptance Certificate, replacement of defective parts and materials and removal of all discrepancies and fulfillment of any obligations including warranty and/or penalties etc”.
 - ii. All test equipment or other support equipment required for Acceptance Testing shall be bidder’s responsibility at no cost to PAC.
7. Training
- i. Training of PAC staff shall be arranged by the successful bidder. The training shall cover different components of the offered solution, their architectures, services, operation and maintenance. Training courses for PAC personnel shall be of certification level.
 - ii. The bidder shall provide training for equipment and operations etc.
 - iii. The premises for local training can be provided by the PAC upon request however complete training material shall be arranged by the successful bidder.
 - iv. The training shall be conducted prior to the installation and commissioning of the project, preferably soon after the commencement of the project.
 - v. The efficiency of the training program conducted by the successful bidder will be under close examination and it will have to be repeated by the successful bidder without extra cost to PAC if the training given is found to be ineffective, deficient and un-satisfactory.
 - vi. The successful bidder must submit the Training Documents in advance for approval.
 - vii. The training should also cover implementation of various security measures and tools used in the proposed system.
 - viii. The instructors shall be conversant with both systems and offered equipment design concepts and be able to communicate in the English language without an interpreter.
 - ix. The successful bidder shall provide Notes and diagrams appropriate to the training program not later than two weeks before the start of the course.
 - x. The successful bidder shall provide documents detailing instructor’s qualifications and experience for approval by PAC.
 - xi. Local Training Qty 04 (10 trainees per session) for two weeks duration either on site or Vendor Premises. The training should cover Practical’s as well as maintenance and preventive maintenance aspects. The training aids including course material, stationary etc shall be the responsibility of the vendor.
 - xii. Foreign Trainings (FOC) 02 different session comprising of 03 PAC Personnel for approx. two weeks will also be conducted by the vendor

- xiii. Workshop at PAC, after finalization of Low Level Network Design a one-day workshop shall be conducted by the successful bidder to engineers at PAC. The objective of the workshop would be to present the High Level Design (HLD) & Low Level Design (LLD) and suggest optimization of the network in PAC environment.
- 8. Software Support
 - i. All software supplied by the bidder shall remain the property of PAC. This applies to any software supplied under the original tender as well as to any subsequent software supplied, developed or modified at a later date.
 - ii. "Software" includes all Operating System, Application Program and Diagnostic Software, and also includes the Soft Data File under the control of the Administration/Management Software.
 - iii. The bidder shall undertake to support the Operating System throughout the life of the offered equipment.
 - iv. The bidders shall furnish the list of complete documentation (software and hardware).
- 9. System Installations and Commissioning
 - i. The bidder shall supply, install, configure the supplied offered equipment and commission the network.
 - ii. The bidder shall provide all cables, connectors, and installation materials required.
 - iii. The system installation will be done by the certified engineer.
 - iv. Wiring / cabling shall be of flexible design that can be easily added, rearranged or removed.
 - v. Minor modifications in the building like making holes in the wall; roof or floors required for the execution of the works, shall be done by the bidder.

Quality Assurance

- i. The bidder will ensure that offered equipment supplied is of the latest model and no part is refurbished.
- ii. The bidder shall not quote End of sale and End of Life products/services.
- iii. The bidder shall also provide life cycle of the offered network components.

Reservation of Rights

- i. PAC reserves the right to add (on the quoted price) or drop any offered equipment in the order placed on the successful bidder.
- ii. PAC reserves the right to make changes in the specification at any time without any notice.
- iii. PAC cannot guarantee that any of the requirements, standards, regulations, and conditions of this specification are not covered or protected by copyright or patent of a third party.

Roadmap of Products

- i. The bidder shall provide roadmap of all the offered products/components of the offered solution.

General Requirements of the Equipment

- i. All the requirements mentioned in this specification shall be met with non-proprietary internationally recognized open standards. The protocol and interface standards used (including the version/date) must be provided for each item.
 - ii. The bidders can offer features which are in addition to the requirements mentioned in this specification. The additional features offered by the bidder can be based on standard or proprietary protocols and interfaces.
 - iii. All the proposed equipment shall be centrally configurable, monitor able and manageable.
 - iv. Specifications on service and maintenance levels for all hardware and software in the product line shall be provided.
 - v. Description of trouble-shooting, problem resolution, and escalation procedures for handling issues with the product line shall be identified.
10. Server Room UPS

UPS with the below technical features and top make brand like APC/ Emerson will be acceptable:-

General

- User interface Graphical LCD with blue backlight and text in
- English, French, German, Russian and Spanish

LEDs

- Four status-indicating LEDs

Topology

- True online, double-conversion

Diagnostics

- Full system self-test

UPS bypass

- Automatic bypass

Rail kit

- Included with all rackmount units

Electrical Input

Nominal voltage

- 120V, 220–240V

Voltage range

- 120V: 90–138 Vac
- 230V: 160–276 Vac

Power drawn from UPS

- 700: 3.0A @230V, 5.8A @120V
- 1000: 4.3A @230V, 8.3A @120V
- 1500: 6.5A @230V, 12.5A @120V
- 2000: 8.7A @230V, 16.6A @120V
- 3000: 13A @230V, 25A @ 120V
- 5000: 21.7A @230V
- 6000: 26A @230V

Dedicated circuit breaker rating, UPS input rating

120V:

- 700–1500 VA: 15A

- 2000 VA: 20A
- 2500–3000 VA: 30A

230V:

- 700–2000 VA: 10A
- 3000 VA: 16A
- 5000 VA: 24A
- 6000 VA: 32A

Frequency

- 50/60 Hz

Frequency range

- 45–65 Hz

Electrical Output

Power factor

- 0.9

On utility voltage

- $\pm 3\%$ of nominal regulation

On battery voltage

- $\pm 3\%$ of nominal regulation

Efficiency

- $>95\%$ in high-efficiency mode; $>86\%$ in online mode

Frequency regulation

- $\pm 3\%$ Hz online

Load crest factor

- 3 to 1

Battery

Battery type

- VRLA 12V/9 Ah (both internal and external)

Battery replacement

- Hot-swappable internal and external batteries

Start-on-battery

- Allows start of UPS without utility input

Communications

Serial port

- RS-232 standard, for interface to power management software

USB port

- HID standard, for communicating with Windows XP/Vista

Relay output

- Common alarm standard

Communications slot

- Optional communication slots

Optional communication cards

- SNMP/Web card for direct control and monitoring in SNMP-based networks, monitoring of UPS status and meters through Web browser interface.
- Relay card for integration to industrial environment and building management systems, remote shutdown for IBM AS/400 systems

Environmental

Safety markings

- 120V: UL, CUL, VCCI
- 230V: CE, GS

EMC markings

- 120V: FCC Class B, EN55022 Class B (1.5 kVA and below); FCC Class A, EN55022 Class A (2.0 kVA and above)
- 230V: CE (per IEC/EN62040-2: Emissions, Category C1; Immunity, Category C2)

Audible noise

- <50 dB

Ambient operating temperature

- 0°C (32°F) to +40°C (104°F)

Storage temperature

- -20°C (-4°F) to +40°C (104°F) with batteries and
- -25°C (-13°F) to +55°C (131 °F) without batteries

Relative humidity

- 5–90% non-condensing

11. VOIP Solution Compatible with Existing Avaya CS1000 Server

The proposed system must be a fully hybrid system which must supports TDM/IP/SIP/DECT/Video conference and video phone/Mobile/Soft clients phone/Webchat, email etc.

System must be integrated, modular communications solution and should support multisite network with resiliency.

Scale

- From five to 36000 users.
- Community Network Support / Gateway Support

Deployment Models

- Virtualized Solution (running in a Virtual Machine).
- Dedicated server.
- Proprietary Control/Gateway Unit.
- Any mix of the above.
- Resiliency support.

Supported Telephony Devices

- IP phones / Digital phones / Analog phones / Mobile Voice Clients
- Softphones / Sip Phones / Analog and Digital Cordless (including DECT).

Third Party Integration

- SIP integration / ISDN / Analog Trunks

Administration

- Web based - centrally managed
- Windows client
- Database back-up and restore

WEB PORTAL

- Make/Receive Calls
- IM, Presence, Directory
- Conference Controls

Conferencing

- Proposed system should allow multiple callers to talk in an audio conference. Callers can be on-site personnel as well as external parties.
- No special conferencing equipment required / Conference control from Display
- Ease of use / Security / Privacy

Application Interface

- Support Receptionist/Operator Soft Console application
- Open CTI interfaces / Voicemail / Integrated Voicemail to Email Presentation
- Unified Messaging (UMS) / Auto-Attendant / Interactive Voice Response (IVR) and Text to Speech
- Queue Manager and Campaign Manager / Reporting Features

General Features List

Features and Benefits Summary

Proposed solution should include the following features and benefits:

- Expanded maximum scale/capacity
 - 36,000 users at a single site or across up to 250 locations
 - 36000 voice messaging ports
 - 256 Announcements
 - 300 Hunt Groups
 - 256 Size paging group
 - 36000 Conference channels
 - 32 Soft Consoles
- Centralized Management
 - Using one intuitive interface, the administrator can view all users on a single site or across up to 250 locations

- System status allows the administrator to know of any potential issues that could affect system performance, including over utilized trunk lines, voice ports, and bandwidth utilization
- Store and synchronize basic employee information with integration to industry standard enterprise directories such as LDAP and Microsoft Active Directory
- Centralized Licensing
 - Cost effectively purchase discounted license packs
 - Easily assign user solutions to employees anywhere within the network
- Built-in Resiliency
 - In the event of a system outage within a multisite network where Server Edition is deployed across remote locations, all IP phones at the location of the outage will register to an alternate location
- Flexibility
 - Virtualized IP Office software adds flexibility, while enabling customers to match the deployment method to their infrastructure plans and objectives
 - Analog, digital, and IP phones are all supported, giving you the freedom to choose what works best for your business – operationally and financially
- Web Collaboration
 - User features include document sharing, white boarding, full participant controls, and a common user interface
- Location Time Zone
 - Apply local time zone to user's telephone, voicemail box, and call log

Note:- The vendor is to provide hard 05 operator consoles as part of solution and 32 keys add on digital set modules and IP set modules separately as part of solution.

Avaya 1408 Digital Deskphone



Everyday users typically rely on several forms of communication including voice and email – and while they require a quality telephone, their telephone use is relatively light or straight-forward in nature. Cubicle workers and sales staff within a retail store are examples of Everyday users for whom the 1408 Digital Deskphone delivers a productivity-enhancing telephone.

1408 Digital Deskphone highlights:

- Supports eight administrable feature buttons
- Each button includes dual LEDs (red, green) providing explicit status for the user
- Includes several fixed feature keys for common telephone tasks including conference, transfer, drop, hold, mute
- Includes high-quality speakerphone
- Supports a broad portfolio of wired and wireless headsets through its integrated headset jack
- Large capacity contacts and call log applications that can enhance productivity and personalization
- Context sensitive user interface along with three softkeys and a four way navigation cluster – ideal for scrolling through the local contacts list or call logs
- The three-line by 24-character display is white backlit for easier viewing in all lighting conditions

Avaya 1416 Digital Deskphone



The Avaya 1416 Digital Deskphone is designed for the Navigator type user. Receptionists, assistants, and managers are examples of Navigator users – people who answer incoming calls, transfer customers to different departments or extensions, and monitor several line appearances throughout a typical day. For the Navigator user, the 1416 Digital Deskphone provides the most onetouch line/feature/speed-dial buttons without the need to scroll through on-screen lists.

1416 Digital Deskphone highlights:

- The 1416 Digital Deskphone supports 16 administrable feature buttons on the phone itself – and a 32-button expansion module provides access to a total of 48 feature keys or speed dial buttons
- Each of the buttons features a dual LED (red, green) providing explicit status for the user
- For a familiar look and feel, the 1416 Digital Deskphone includes several fixed feature keys for common telephone tasks including conference, transfer, drop, hold and mute
- In addition, the 1416 Digital Deskphone includes a high-quality speakerphone, and supports a broad portfolio of wired and wireless headsets through its integrated headset jack
- Context sensitive user interface along with three softkeys and a fourway navigation cluster – ideal for scrolling through the local contacts list or call logs
- Additional caller related information is displayed with active appearances for easier call handling
- The display is white backlit for easier viewing in all lighting conditions

Avaya J129 IP Phone

Avaya J129 is a cost-effective, entry-level IP Phone - for use with Avaya Aura® and Avaya IP Office™ for delivering secure, basic voice communications. As the replacement for the E129 IP Deskphone, it is well-suited for location-based or 'walk-up' use cases including in lobbies, waiting areas, lunch rooms, retail, manufacturing, hallways, as well as in cubicles or offices. The J129 supports essential call-handling features in an affordable, yet highly functional SIP Phone. This phone delivers the top functionalities needed by users in any-size business.

Avaya J169 IP Phone

The competitively priced, high-performing Avaya J169 IP Phone features a grayscale display, 4 soft keys, high definition audio quality, integrated Gigabit Ethernet interface, headset support, and up to three 24-button Expansion Modules. The J169 IP Phone leverages your enterprise IP network to deliver sophisticated voice communications from headquarters, remote locations, or home offices. Tightly integrated with the Avaya Aura® and IP Office™ platforms, the J169 IP Phone optimizes communications through a flexible architecture that leverages existing investments and accommodates changing business needs.

Avaya J179 IP Phone

The competitively priced, high-performing Avaya J179 IP Phone features a color display, 4 softkeys, high definition audio quality, integrated Gigabit Ethernet interface, headset support, up to three 24-button Expansion Modules, and optional Wi-Fi®/Bluetooth®. The J179 IP Phone leverages your enterprise IP network to deliver sophisticated voice communications from headquarters, remote locations, or home offices. Tightly integrated with the Avaya Aura® and IP Office™ platforms, the J179 IP Phone optimizes communications through a flexible architecture that leverages existing investments and accommodates changing business needs

Avaya Vantage K175 – Android based Video Phone

Avaya Vantage is the all-new dedicated desktop device that provides simple, instant, seamless & natural Engagement. Users can fire up voice, chat, collaboration instantly through one touch connections with no unnatural breaks or pauses – eliminating the need to manage multiple devices in order to engage. Vantage is the industry's only customizable desktop device that gives you the advantages of a deskphone and the flexibility of an application platform. It is modern, connected, and personalized.



Solution Required

VOIP Solution required as follows and further details as per BoQ;

- Avaya R630 Duplex Medium Appliance Server – Fully Redundant Solution
 - Location # 1:
 - 620 – IP Station
 - 168 – Digital Station
 - 260 – Analog Station
 - 400 – J129 Phones (IP Phone)
 - 120 – J169 Phones (IP Phone)
 - 100 – J179 Phones (IP Phone)
 - 100 – 1408 Phones (Digital Phone)
 - 68 – 1416 Phones (Digital Phone)
 - 11 – K175 Vantage Phone + PoE
 - 510 – PoE Adaptor
 - 4 - System Terminals
 - CDR

BOQ:

AVAYA BOQ			
Sr.No	Part No.	Description	Qty.
1	185446	AVAYA COMMUNICATIONS SOLUTION	1
2	184716	CM S8700 MULTI CONNECT MODEL UPGRADE	1
3	259401	MEDIA ENCRYPTION R6+/MBT LIC:DS	1
4	381277	APPLIANCE VIRTUAL PLATFORM R7+ DUAL CPU COMMON SERVER LIC:SR	2
5	383548	R630 SERVER MEDIUM APPLIANCE VIRTUALIZATION PLATFORM	2
6	388052	ASBCE CORE PORTWELL CAD	1
7	396798	AURA R8 CORE SUITE ADD SOFTWARE LIC: NU;CU;SR	1152
8	397071	AURA R8 CORE SUITE SW INVEST PROTECTION POLICY LIC:NU;CU;SR	1
9	397941	SESSION MANAGER R8 SYSTEM LIC:DS;NU;SR	1
10	407786599	POWER CORD UNITED KINGDOM	5
11	700510888	ASBCE R7 SYSTEM SOFTWARE USB	1
12	700513741	APPLIANCE VIRTUAL PLATFORM R8 DVD	1
13	700513742	AURA SYSTEM MANAGER R8 DVD	1
14	700513985	APPLIANCE VIRTUAL PLATFORM R8 MEDIA KIT	1
15	700513989	APPLIANCE VIRTUAL PLATFORM R8 UTILITIES DVD	1
16	700513990	AURA COMMUNICATION MANAGER R8 SOFTWARE DVD	1
17	700513991	AURA SESSION MANAGER R8 DVD	1
18	407786599	POWER CORD UNITED KINGDOM	4
19	700406416	CABLE ASSEMBLY B25A 25 FEET RHS	22
20	700466626	MM711 ANALOG MEDIA MODULE - NON GSA	4
21	700466634	MM710B E1/T1 MEDIA MODULE - NON GSA	6
22	700466642	MM716 ANALOG MEDIA MODULE 24 FXS - NON GSA	15
23	700501048	MM717 24 PORT DCP MEDIA MODULE NON GSA	7
24	700506956	G450 MP160 MEDIA GATEWAY NON GSA	4
25	407786599	POWER CORD UNITED KINGDOM	15
26	700383326	IP PHONE 96XX REPLACEMENT LINE CORD	4
27	700395445	120A CSU CABLE 50 FEET RHS	6
28	700415573	IP PHONE 1600SERIES 32-BUTTON MODULE BLACK	15
29	700469968	BUTTON MODULE DBM32 FOR 1400 SERIES	15
30	700510850	VANTAGE OPTIONAL POWER SUPPLY LEVEL VI	11
31	700510908	1616-I IP DESKPHONE ICON 4 PACK	1
32	700510909	1408 TELSET COMMUNICATION MANAGER/IP OFFICE/IE UpN ICON 4 PACK	25
33	700510910	1416 TELSET COMMUNICATION MANAGER/IP OFFICE/IE UpN ICON 4 PACK	17
34	700511777	GLOBAL POE Y ADAPTER FOR DIGITAL PHONE BUTTON MODULES	15
35	700511983	C5 POWER CORD UNITED KINGDOM	525

36	700512399	VANTAGE CORDED HANDSET WITH CRADLE KIT	11
37	700512602	GLOBAL SINGLE PORT POE INJECTOR 10/100/1000 15.4W KIT	525
38	700513569	J179 IP PHONE GLOBAL NO POWER SUPPLY	100
39	700513634	J169 IP PHONE GLOBAL NO POWER SUPPLY	120
40	700513638	J129 IP PHONE GLOBAL NO POWER SUPPLY	400
41	700513905	AVAYA VANTAGE K175 DUAL PORT WITH CAMERA	11
42	232253	SUPPORT ADVANTAGE COMMUNICATION MANAGER MODEL	1
43	293669	SA PREFER SUPT AAVP R7 DUAL CPU CMN SRV 3YR PREPD	2
44	344280	SA PREFER SUPT AURA R8 CORE SUITE 3YR PREPD	1152
45	344280	SA PREFER SUPT AURA R8 CORE SUITE 3YR PREPD	1
46	344590	SA PREFER SUPT SESS MANAGER R8 SYSTEM 3YR PREPD	1
47	344628	SA PREFER SUPT SYSTEM MANAGER R8 LIC 3YR PREPD	1

AUXILIARY EQUIPMENT AND SERVICES

Sr.No	Part No.	Description	Qty.
1	N/A	PASSIVE WORK - MDF/IDF	1200
2	N/A	EQUIPMENT MOUNTING RACK - 42U INCLUDING PDU'S	1
3	N/A	ONLINE POWER BACKUP AND MONITORING SYSTEM	1
5	N/A	INSTALLATION, TESTING, COMMISIONING AND SITE PREPARATION	1
6	N/A	AVAYA TRAINING - 3 INDIVIDUALS	1
7	N/A	SYSTEM/ADMIN TERMINALS	4
8	N/A	HARD OPERATOR CONSOLES	5

**PAKISTAN AERONAUTICAL COMPLEX BOARD
KAMRA**

SCHEDULE TO TENDER

1. **TENDER INQUIRY NO: PACB/721/311018051/0518/P-3**
2. Time and Date of opening Tender at 1100 Hrs on **12-04-2019 & Extended upto 26-04-2019.**

(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.