

# Pak-Austria Fachhochschule: Institute of Applied Sciences & Technology

Mang, Haripur, Khyber Pakhtunkhwa Website: www.paf-iast.edu.pk ph.: 0995-645113, Fax: 0995-645117

## TENDER DOCUMENT

For the Procurement of Wireless Sets/Walkie Talkie Radio Specs (5W) & Base Station/Base Radio Specs (50W)

Deadline for submission of Tender Document is: 11:00 AM, Dec 17, 2021 Tender Opening: 11:30 AM, Dec 17, 2021

Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology, Mang Khanpur Road, Haripur KPK.

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## A. TENDER NOTICE

Sealed bids are invited on Single Stage - Single Envelop procedure under KPPRA rules 11(1) from the firms registered with Income Tax and Sales Tax Departments for the procurement of **Wireless Sets/Walkie Talkie Radio Specs (5W) & Base Station/ Base Radio Specs (50W)** for Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology (PAF-IAST).

## **TERMS & CONDITIONS.**

Tender document which include detail of items, specifications and terms & conditions can be downloaded from the website www.paf-iast.edu.pk or KPPRA website (www.kppra.gov.pk) or it may be obtained from the office of undersigned. Also be submitted along with Bank Draft/ Pay Order of Rs. 1000/-Non-Refundable (Stationary Charges). No bid will be accepted without Tender Document fee.

Sealed bids should be submitted latest by Dec 17, at 11:00 A.M along-with earnest money of 2% of total value of the bid amount in the form of Call Deposit Receipt "CDR" in favor of Rector Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology, (PAF-IAST).

Tender will be opened on the same day at 11:30 A.M in the presence of interested bidders or their authorized representatives, if any, at Conference Room, Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology, Mang Khanpur Road, Haripur KPK at the stipulated time.

The institute reserves the right to accept or reject all or any tender as per procedure highlighted in clause 47 of KPPPRA rules 2014.

Clarification/information (if any) may be obtained on any working day during office hours. No query will be entertained at the time of bid opening.

Pak-Austria Fachhochschule:
Institute of Applied Sciences and Technology, Mang Khanpur Road, Haripur KPK.
Tel: 0995-645113.

## PAF-IAST B.CHECK LIST

Name of the Firm, Address(Telephone, Fax & E-mail)		
Profile Year of Establishment		
Relevant Experience		
National/Income Tax No.		
(Annual Turnover supported by Income Tax Return)		
Banker's Name & Contact Details		
Earnest Money @ 2% as Bank Pay Order/Draft is attached	Yes	No
2 years relevant experience having similar nature of project.		
Affidavit (that the firm has not been blacklisted by private, Govt., Semi Govt. and		
Autonomous Body nor authority nor has rescinded any work nor have rescinded		
any work/assignment.)		

Name & Designation Contact Person

# **C.BID DATA SHEET**

Name of the Work Place of Execution  Bid Inviting Entity and Address	Supply of Wireless Sets/Walkie Talkie Radio Specs (5W) & Base Station/ Base Radio Specs (50W).  Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology, Mang Khanpur Road, Haripur KPK.  Convener Procurement Committee Pak-Austria Fachhochschule:
	Institute of Applied Sciences and Technology, Mang Khanpur Road, Haripur KPK.
Mode of Submission	Either through Courier or in-Person. Response submitted via email shall also be accepted, for which Earnest Money (EM) in shape of Demand Draft/ Pay Order amount 2% of the quoted value bearing date before submission deadline should be couriered to PAF-IAST.
Payment Terms	Payment of bill will be released after successful delivery and inspection of items as per desired specifications mention in this document.
Liquidated Damages	2% of the Quoted Price on each week of delay (calculated on per day basis) up-to a maximum of 10%.
Award of Contract	Tender would be awarded to the lowest evaluated bidder. Or Maybe awarded to items wise lowest bidder.
Submission deadline	Friday Dec 17, 2021 at 11:00am at the Office of Convener, Procurement Committee, PAF-IAST
Due Date, Time & Place for Tender Opening	Tender will be opened at <b>Friday Dec 17, 2021</b> in the Conference Room,Pak-Austria Fachhochschule: Institute of Applied Sciences and Technology, Mang Khanpur Road, Haripur KPK.
Delivery Period	07 days
Contact Person for Inquiries	Mr. Tariq Nawaz A S (Procurement) +92 995 931706, 03325845289 tariq.nawaz@paf-iast.edu.pk

#### **D. INTRODUCTION**

The Pak-Austria Fachhochschule: Institute of Applied Sciences & Technology is an autonomous body established under the Government of the Khyber Pukhtunkhwa is working towards promotion of Skill based education.

PAF-IAST Haripur is planning to purchase of Wireless Sets & Base Station

Details about the specifications and quantity of Wireless Sets & Base Station Items are mentioned in

annexue II.

#### **E.GENERAL TERMS AND CONDITIONS:**

Bidders are requested to read carefully the following terms and conditions and sign the Tender Form in token of having understood and accepted the same in all respects. They are also requested to submit the bid (s) complete in all respects. The quote(s) must be accompanied with a bid security valuing 2% of the total quoted price. Tender without bid security/fee will be out-rightly rejected.

- a) The supplier must be registered with the Income Tax and Sales Tax Authorities.
- b) The quote(s) must remain valid for 45 days from the date of tender opening.
- c) All suppliers shall mention all applicable taxes in their quotes. In case any supplier has not separately mentioned the applicable taxes in quote, the procuring entity while comparing the offers will consider that the taxes have been included.
- d) The request for quotation is non-transferable.
- e) Quotations must be submitted on or before the given time and date to the officer-designate for the purpose. No late quotation for any reason whatsoever, will be considered.
- f) The bidders must submit Non-Black List Certificate (confirming that bidder has never been black listed by any Government/Semi Government Organization) along with their offer, failing which their offer will be rejected.
- g) In case of non-conformity with the desired specifications, the item shall be replaced by the Supplier free of cost.
- h) Any bids received after the prescribed date & time for submission of bids shall be returned un-opened to the bidder.
- i) The bidder will must provide **Indemnity Bond/Warranty** (if any) on Judicial Stamp Paper.
- j) The successful bidders must provide indemnity bond for good quality of items. If the desired items are not found up to the mark, the bidder should replace it at his own cost within the warranty period.
- k) A performance security 10% (if any) of the total contract value shall be deducted from the successful bidder for a period of one-year.

#### 1) Undertaking:

It is certified that the above terms & conditions have been read, learned and accepted.

Signature of the Bidder with date and Stamp:

#### F.OTHER CONDITIONS OF CONTRACT

#### A.Payment Clause

Payment shall be made on production of the following documents: -

- a) The Supplier/Vendor submits original invoice.
- b) Material/Deliverables Receiving Report (in original) signed by the Authorized Representative of Procuring entity in acknowledgement of having received all supplies/deliverables in accordance with the Purchase Order/Contract Agreement.
- c) Authenticated sales tax invoice in original as prescribed in the Sales Tax Act 1990 (where applicable).
- d) Valid Income Tax Exemption Certificate (where applicable), otherwise Income Tax at current applicable rates shall be deducted from the invoice.
- e) A certified copy of Income Tax Registration Certificate
- f) A certified copy of Sales Tax Registration Certificate

Note: Recovery of all applicable taxes at source should be made as per rules.

# **Sub-Letting Contract**

The supplier shall not sub-let or assign this Contract or any part thereof without the written permission of the Institute. In the event of the Service provider subletting or assigning this Contract or any part thereof without such permission, the Institute shall be entitled cancel the Contract and to purchase the goods elsewhere on the supplier account and risk and the supplier shall be liable for any loss or damage which the procuring entity may sustain in consequence of arising out of such purchase.

#### **Bribes / Commission**

Any bribe, commission, gift or advantage given, promised or offered by or on behalf of the Contractor or his partner, agent or servant, or any one on his or their behalf to any officer servant, representative or agent of the procuring entity or any person on its behalf in relation to the obtaining or to the execution of this or any other contract with Institute, shall in addition to any criminal liability which he may incur, subject the contractor to cancellation of this and all other Contracts and also to payments of any loss or damage resulting from such cancellation; and the Institute shall be entitled to deduct the amounts so payable from any moneys, otherwise due to the supplier under this or any other Contract.

#### Force Majeure

The term "Force Majeure" as employed herein shall mean acts of God, strikes, lockout or other industrial disturbances, acts of public enemy, wars, blockades, insurrection, riots, epidemics, landslides, earthquakes, storms, lightning, floods, washouts, civil disturbances, explosions and any other similar events, not within the control of either Party and which by the exercise of due diligence neither Party is able to overcome.

If either Party is temporarily unable by reason of Force Majeure to meet any of its obligations under the Agreement, and if such Party gives to the other Party written notice, of the event within fifteen (15) days after its occurrence, such obligations of the Party, as it is unable to perform by reason of the event, shall be suspended for as long as the inability continues. Neither Party shall be liable to the other Party for loss or damage sustained by such other Party arising from any event referred to as Force Majeure or delays arising from such event. Force Majeure shall not include insufficiency of funds or failure to make any payment required under the Agreement.

# Dispute Resolution

The Institute shall constitute a Committee consisting of odd number of persons with proper powers and authorizations to redress complaints of bidders that may arise prior to issuance of Purchase Order/contract agreement, in accordance with the KPPRA Rules 2014.If a bidder is not satisfied with the decision of the Committee, he may take recourse to the KPPRA.

## **Applicable Laws**

This Agreement shall, in all respects, be read and construed and shall operate in conformity with the KPPRA Act 2012 and KPPRA Rules 2014.

#### G. Bid Submission Form/ Quotation

(To be filled in and return back in a separate and sealed envelope duly marked as Quotation)

Name of Bidder:	Date:	Select date
Tender reference:		

[The Bidder is required to prepare the Quotation following the below format. The Quotation must include a detailed cost breakdown of all goods and related services to be provided.]

We, the <<Name of Bidder>>, hereby submit our Quotation for the Items/ Services as below. We assure you of our full compliance to the Scope of Work, required Specifications, Delivery Schedule and other terms as stipulated in this Tender, without any deviation and/ or reservations. We reiterate our acceptance to the terms and conditions of the Tender.

List for Wireless Sets/Walkie Talkie Radio Specs (5W) & Base Station/ Base Radio Specs (50W) ANNEXUE II.

<u> </u>	Item	QTY	General Features/Specification	Unit Price	GST	Total
	Analog Base	01				
	Radio		Specifications:			
	Specs(50W)		Frequency Range 136-174MHz			
	_		Number of channel/Zones 128/128			
			Channel Spacing 25/12.5 KHz			
			Wide/Narrow			
			Operating Voltage 13.6 VDC			
			Current Drain			
			Standby 0.4 A			
			Receive 1.0 A			
			Transmit 14.0 A			
			Operating Temperature Range -30°C to +60°C			
			Frequency Stability±2.5 ppm (-30°C to +60°C)			
			Antenna Impedance $50\Omega$			
			Channel Frequency Spread 38 MHz			
			FCC ID K44415401			
			IC Certification 282F-415401			
			Receiver			
			Sensitivity 12 dB SINAD (Wide/Narrow)0.28 uV/ 0.35 uV			
			Selectivity (Wide/Narrow) 75 dB/ 65dB			
			Intermodulation Distortion (Wide/Narrow) 70 dB/70dB			
			Spurious Response 75 dB			
			Audio Output 500mW/8 Ω			
			Transmitter			
			RF Output Power (High/Low) 5W / 25 W/50 W			
			Spurious Response 70 dB			
			Type of Emission(Wide/Narrow) 16K0F3E/11K0F3E			
			FM Hum & Noise (Wide/Narrow) 45dB/40dB			
			Microphone Impedance $600 \Omega$			
			Audio Distortion (Wide/Narrow) 3% / 5%	1	1	

			_	
		GENERAL FEATURES:		
		128 Channels/128 Zones		
		World-Class Audio		
		Installation Interface		
		Power Control (5-25-50Watt Programmable)		
		Customize (10 Programmable function keys)		
		Easy Operation		
		Color Safety		
		Programmable Voice Inversion Scrambler		
		(Secure)		
		All System Signaling		
		(QT/DT/DTMF/FleetSync/MDC-1200)		
		· · ·		
		Emergency Function		
		Robust & Water Resistant		
		Clear & Crisp, Enhanced Audio		
		Radio Stun		
		Priority Scan		
		Channel/Zone Delete & add		
		Key Lock		
		Scrambler setting per channel		
		Busy Channel Lockout		
		Operator Selectable Tone		
		Password Protection		
		Talk around		
		Microphone gain adjustment		
		Microsoft window programming & Tunning		
		8 Programmable Accessory Ports		
		o i rogrammatic recessory i ores		
Wireless	12	General FEATURE :		
Wireless Sets/Walkie	12	General FEATURE: Direct & intuitive LCD		
Sets/Walkie	12	Direct & intuitive LCD		
Sets/Walkie Talkie	12	Direct & intuitive LCD full keypad		
Sets/Walkie Talkie Radio Specs	12	Direct & intuitive LCD full keypad Easy visible Display: 8-digit LCD models		
Sets/Walkie Talkie	12	Direct & intuitive LCD full keypad Easy visible Display: 8-digit LCD models featuring high-contrast, white backlit LCD		
Sets/Walkie Talkie Radio Specs	12	Direct & intuitive LCD full keypad Easy visible Display: 8-digit LCD models featuring high-contrast, white backlit LCD Large 7-Color LED indicator on the top panel		
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Sets/Walkie Talkie Radio Specs	12	Direct & intuitive LCD full keypad Easy visible Display: 8-digit LCD models featuring high-contrast, white backlit LCD Large 7-Color LED indicator on the top panel • Selective Power-on LED • Selective Call Alert LED • Battery Level Indication • Multi-status function indication RF output power 5W Best Audio Quality • Audio Equalizer: Flat, High, Low • Auto Gain Control: On, High, Low, Off		
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Sets/Walkie Talkie Radio Specs	12	Direct & intuitive LCD full keypad Easy visible Display: 8-digit LCD models featuring high-contrast, white backlit LCD Large 7-Color LED indicator on the top panel • Selective Power-on LED • Selective Call Alert LED • Battery Level Indication • Multi-status function indication RF output power 5W Best Audio Quality • Audio Equalizer: Flat, High, Low • Auto Gain Control: On, High, Low, Off • Noise Suppressor Multiple Scan Functions; Dual Priority,		
Sets/Walkie Talkie Radio Specs	12	Direct & intuitive LCD full keypad Easy visible Display: 8-digit LCD models featuring high-contrast, white backlit LCD Large 7-Color LED indicator on the top panel • Selective Power-on LED • Selective Call Alert LED • Battery Level Indication • Multi-status function indication RF output power 5W Best Audio Quality • Audio Equalizer: Flat, High, Low • Auto Gain Control: On, High, Low, Off • Noise Suppressor		
Sets/Walkie Talkie Radio Specs	12	Direct & intuitive LCD full keypad Easy visible Display: 8-digit LCD models featuring high-contrast, white backlit LCD Large 7-Color LED indicator on the top panel • Selective Power-on LED • Selective Call Alert LED • Battery Level Indication • Multi-status function indication RF output power 5W Best Audio Quality • Audio Equalizer: Flat, High, Low • Auto Gain Control: On, High, Low, Off • Noise Suppressor Multiple Scan Functions; Dual Priority,		
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Sets/Walkie Talkie Radio Specs	12	Direct & intuitive LCD full keypad Easy visible Display: 8-digit LCD models featuring high-contrast, white backlit LCD Large 7-Color LED indicator on the top panel • Selective Power-on LED • Selective Call Alert LED • Battery Level Indication • Multi-status function indication RF output power 5W Best Audio Quality • Audio Equalizer: Flat, High, Low • Auto Gain Control: On, High, Low, Off • Noise Suppressor Multiple Scan Functions; Dual Priority, Single Priority, Single Zone, Multi, Normal Scan VOX & PTT -triggered Semi- VOX, Voice-operated TX Emergency Function: Customizable		
Sets/Walkie Talkie Radio Specs	12	Direct & intuitive LCD full keypad Easy visible Display: 8-digit LCD models featuring high-contrast, white backlit LCD Large 7-Color LED indicator on the top panel • Selective Power-on LED • Selective Call Alert LED • Battery Level Indication • Multi-status function indication RF output power 5W Best Audio Quality • Audio Equalizer: Flat, High, Low • Auto Gain Control: On, High, Low, Off • Noise Suppressor Multiple Scan Functions; Dual Priority, Single Priority, Single Zone, Multi, Normal Scan VOX & PTT -triggered Semi- VOX, Voice-operated TX Emergency Function: Customizable Emergency Profile		
Sets/Walkie Talkie Radio Specs	12	Direct & intuitive LCD full keypad Easy visible Display: 8-digit LCD models featuring high-contrast, white backlit LCD Large 7-Color LED indicator on the top panel • Selective Power-on LED • Selective Call Alert LED • Battery Level Indication • Multi-status function indication RF output power 5W Best Audio Quality • Audio Equalizer: Flat, High, Low • Auto Gain Control: On, High, Low, Off • Noise Suppressor Multiple Scan Functions; Dual Priority, Single Priority, Single Zone, Multi, Normal Scan VOX & PTT -triggered Semi- VOX, Voice-operated TX Emergency Function: Customizable Emergency Profile Lone Worker		
Sets/Walkie Talkie Radio Specs	12	Direct & intuitive LCD full keypad Easy visible Display: 8-digit LCD models featuring high-contrast, white backlit LCD Large 7-Color LED indicator on the top panel • Selective Power-on LED • Selective Call Alert LED • Battery Level Indication • Multi-status function indication RF output power 5W Best Audio Quality • Audio Equalizer: Flat, High, Low • Auto Gain Control: On, High, Low, Off • Noise Suppressor Multiple Scan Functions; Dual Priority, Single Priority, Single Zone, Multi, Normal Scan VOX & PTT -triggered Semi- VOX, Voice-operated TX Emergency Function: Customizable Emergency Profile Lone Worker Max / Min Volume setting & Volume control		
Sets/Walkie Talkie Radio Specs	12	Direct & intuitive LCD full keypad Easy visible Display: 8-digit LCD models featuring high-contrast, white backlit LCD Large 7-Color LED indicator on the top panel • Selective Power-on LED • Selective Call Alert LED • Battery Level Indication • Multi-status function indication RF output power 5W Best Audio Quality • Audio Equalizer: Flat, High, Low • Auto Gain Control: On, High, Low, Off • Noise Suppressor Multiple Scan Functions; Dual Priority, Single Priority, Single Zone, Multi, Normal Scan VOX & PTT -triggered Semi- VOX, Voice-operated TX Emergency Function: Customizable Emergency Profile Lone Worker Max / Min Volume setting & Volume control Voice Announcement		
Sets/Walkie Talkie Radio Specs	12	Direct & intuitive LCD full keypad Easy visible Display: 8-digit LCD models featuring high-contrast, white backlit LCD Large 7-Color LED indicator on the top panel • Selective Power-on LED • Selective Call Alert LED • Battery Level Indication • Multi-status function indication RF output power 5W Best Audio Quality • Audio Equalizer: Flat, High, Low • Auto Gain Control: On, High, Low, Off • Noise Suppressor Multiple Scan Functions; Dual Priority, Single Priority, Single Zone, Multi, Normal Scan VOX & PTT -triggered Semi- VOX, Voice-operated TX Emergency Function: Customizable Emergency Profile Lone Worker Max / Min Volume setting & Volume control Voice Announcement Remote Stun / Kill / Check		
Sets/Walkie Talkie Radio Specs	12	Direct & intuitive LCD full keypad Easy visible Display: 8-digit LCD models featuring high-contrast, white backlit LCD Large 7-Color LED indicator on the top panel • Selective Power-on LED • Selective Call Alert LED • Battery Level Indication • Multi-status function indication RF output power 5W Best Audio Quality • Audio Equalizer: Flat, High, Low • Auto Gain Control: On, High, Low, Off • Noise Suppressor Multiple Scan Functions; Dual Priority, Single Priority, Single Zone, Multi, Normal Scan VOX & PTT -triggered Semi- VOX, Voice-operated TX Emergency Function: Customizable Emergency Profile Lone Worker Max / Min Volume setting & Volume control Voice Announcement Remote Stun / Kill / Check MIL-STD-810 C/D/E/F/G		
Sets/Walkie Talkie Radio Specs	12	Direct & intuitive LCD full keypad Easy visible Display: 8-digit LCD models featuring high-contrast, white backlit LCD Large 7-Color LED indicator on the top panel • Selective Power-on LED • Selective Call Alert LED • Battery Level Indication • Multi-status function indication RF output power 5W Best Audio Quality • Audio Equalizer: Flat, High, Low • Auto Gain Control: On, High, Low, Off • Noise Suppressor Multiple Scan Functions; Dual Priority, Single Priority, Single Zone, Multi, Normal Scan VOX & PTT -triggered Semi- VOX, Voice-operated TX Emergency Function: Customizable Emergency Profile Lone Worker Max / Min Volume setting & Volume control Voice Announcement Remote Stun / Kill / Check MIL-STD-810 C/D/E/F/G IP67		
Sets/Walkie Talkie Radio Specs	12	Direct & intuitive LCD full keypad Easy visible Display: 8-digit LCD models featuring high-contrast, white backlit LCD Large 7-Color LED indicator on the top panel • Selective Power-on LED • Selective Call Alert LED • Battery Level Indication • Multi-status function indication RF output power 5W Best Audio Quality • Audio Equalizer: Flat, High, Low • Auto Gain Control: On, High, Low, Off • Noise Suppressor Multiple Scan Functions; Dual Priority, Single Priority, Single Zone, Multi, Normal Scan VOX & PTT -triggered Semi- VOX, Voice-operated TX Emergency Function: Customizable Emergency Profile Lone Worker Max / Min Volume setting & Volume control Voice Announcement Remote Stun / Kill / Check MIL-STD-810 C/D/E/F/G		

	Radio check, Emergency QT / DQT, DTMF, 2-tone, 5-ton Built-in Programmable Voice In Programmable Voice Inversion	version	
	<b>Specifications:</b>		
	Frequency Range Number of channel Number of Zones Channel Spacing Max Channel per Zone Operating Voltage Battery Life (5-5-90 duty Cycle) Operating Temperature Range Frequency Stability Antenna Impedance Channel Frequency Spread Receiver Analog@12.5KHz/25kHz(12d B SINAD) Selectivity Intermodulation Spurious Response Audio Distortion Audio Output Transmitter RF Output Power (High/Low) Spurious Response FM Hum & Noise Audio Distortion	136-174MHz 260 128 25/12.5 KHz 250 7.5 VDC 14.5 H -30°C to +60°C ± 0.5ppm 50Ω 38 MHz  0.22/0.26 uV 67 / 74 dB 65 dB 70 dB 7% 1 W 5W /4W/1W 70 dB 40 / 45 dB 2%	

Quotation Value in Figures (in PKR with all taxes Quotation Value in Words (in PKR including all it	& duties for items above):tems above):	
Name & Designation of Authorized Person:		
Signature:	(Please affix company stamp here)	

# H. AFFADAVIT/CERTIFICATE

(To be filled and signed by the bidde	er on Stamped Paper of Rs. 100/-)
We undertake that our Firm M/S	has been never black listed by any Government
Department/Agency/Private Organization in any part of	Khyber Pakhtunkhwa/Pakistan and that currently
our firm/company is not in litigation with any other auth	ority or organization in this capacity. We hereby
confirm to have read carefully complete descriptions of	the items and all terms & conditions in the bidding
documents. We agree to abide by all these terms, condit	ions, stipulations, obligations and instructions in the
bidding/tender document. In case of any dispute, decision	on of the Procurement Committee of PAF-IAST,
Haripur, would be final and I/we undertake to accept an	y or all decisions of the committee with respect to
acceptance and rejection of our bid, in part or in whole,	and that such a decision shall not be appealable in
any court of law at any time and at any stage. I/we solen	annly affirm and declare that contents of this
undertaking are true to the best of my information, know	vledge and belief.
Signature:	
Name:	
Designation:	
Company Name:	
Company Seal:	
Date:	