

EVALUATION REPORT
(As Per Rule 35 of PP Rules, 2004)

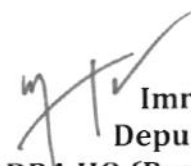
1.	Name of Procuring Agency:	HQ NADRA Islamabad
2.	Method of Procurement:	Single Stage Two Envelope Method
3.	Title of Procurement:	Procurement of 1.2M Portable Manual Manpack VSAT Antenna System
4.	Tender Inquiry No.:	NADRA-HQ-RFB-49/2024
5.	PPRA Ref. No. (TSE):	TS534934E
6.	Date & Time of Bid Closing:	15 th April, 2024 At 1100 Hrs
7.	Date & Time of Bid Opening:	15 th April, 2024 At 1100 Hrs
8.	No of Bids Received:	03 x Bids
9.	Criteria for Bid Evaluation:	As per Eligibility Criteria and Technical Compliance as per Bidding Documents
10.	Details of Bid(s) Evaluation:	As under:-

Name of Bidder	Marks		Evaluated Cost	Rule/Regulation/SBD*/Policy/ Basis for Rejection / Acceptance as per Rule 35 of PP Rules, 2004.
	Technical (if applicable)	Financial (if applicable)		
M/s Pak Datacom Ltd.	Qualified	Only Technical Qualification was required	Rs.48,448,971/-	Bids of 03 x firms i.e. M/s Pak Datacom Ltd., M/s Supernet Limited and M/s Netsat (Pvt.) Ltd were received in tender # NADRA-HQ-RFB-49/2024. Technical Bids were opened on 15 th April, 2024. As per technical evaluation report all bids are technically qualified and the same was communicated to the respective bidders. Financial Bid of technically qualified firms i.e. M/s Pak Datacom Ltd., M/s Supernet Limited and M/s Netsat (Pvt.) Ltd were opened on 30 th May 2024. The bid of M/s Pak Datacom Ltd. found most advantageous bid.
M/s Supernet Limited	Qualified	Only Technical Qualification was required	Rs.117,976,990/-	
M/s Netsat (Pvt.) Ltd	Qualified	Only Technical Qualification was required	Rs.174,412,520/-	

Most Advantageous Bidder: M/s Pak Datacom Ltd.

11. Any other additional / supporting information, the procuring agency may like to share. Nill

Signature:



Imran Hashim
Deputy Director
NADRA HQ (Procurement)
 17 June, 2024

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Technical Evaluation for Procurement of Portable Manual ManPack VSAT Antenna System (Tender # NADRA-HQ-RFB-49/2024)

Item	Description	Qty	M/s Pak Datacom			M/s Netsat			M/s Supernet				
			Description	Qty	Compliance (Fully Comply/Not-Comply)	Submitted Proposal Reference	Description	Qty	Compliance (Fully Comply/Not-Comply)	Submitted Proposal Reference	Description	Qty	Compliance (Fully Comply/Not-Comply)
			M/s Pak Datacom			M/s Netsat			M/s Supernet				
			[1.2m 4 Piece Manpack Antenna, Antenna includes Feed, reflector, tripod stand and carrying case - QTY = 50, BUC 3W Universal Ku Band - NITB32UF - QTY = 50, KU Band Universal LNB - NITB42A1 QTY = 50, IQD - Modem with encryption license - QTY = 100, RF Cables - QTY = 100, Comprehensive Training for Teams of NADRA and its users at desired locations including Installation, operations and troubleshooting - QTY = 8-10 Locations, Comprehensive Support & Warranty of all quoted equipment including replacement warranty of items including IDU, BUC, LNB, Cables in case of the fault for 18months - QTY = 18 Months]			[Direct IQ Desktop+ 90W AC - QTY = 50, Direct Universal Ku Band BUC 3W - E0001100-0001/P0001643-0001 - QTY = 50, Direct KU Band LNB - 10.7-12.75 GHz - E0001106-0001/P0004963-0001 - QTY = 50, Alignast 1.2m 6pcs Panels, KU Band Carbon Fiber Manual Hwayay Antenna - QTY = 50, Belden RG-6 Cable and PFC EX-Connectors - QTY = 100sets, Training of 8xNADRA Teams at Islamabad, Lahore, Karachi, Multan, Quetta, Sargodha, Sukkur and Peshawar. Netsat will bear all expenses on trainer including travelling, boarding, lodging etc. however NADRA will provide training venue at each location - QTY = 8 Teams, Support and Warranty of all quoted equipment, onsite support at Islamabad, Lahore, Karachi, Multan, Quetta, Sargodha, Sukkur and Peshawar when required. SLA will be signed with successful bidder - QTY = 03Year]			[IQ Desktop+ 90W with encryption license - IQ Desktop+ 90W AC PSU, Gen 2. a) IQ modems now come with free data rates. You can start with 5Mbps and go up to 10, 15, 30 etc without any charge. Whatever data rates you choose will reside in the NMS pool and can be reused for other remotes - QTY = 50, 3W Universal Ku band BUC E0001100-0001 - QTY = 50, Universal Ku-band PLL LNB E0001110-0001 - QTY = 50, 1.2m Ku-band antenna, manual pointing, aluminum parabolic reflector-06 pieces, tripod stand, feed horn assembly and storage box. [Local] QTY = 50, RF Patch cable with connector (10m length each) - QTY = 100, Training at 8x locations, 1 year warranty & SLA and on-site support]				
IDU	+VSAT Indoor Unit with fully enabled, licensed and support of Star, TCP-A, Encryption, NAT and with all accessories. -Bidder shall deliver all licenses required for IDU features mentioned in this document. +IDU Must Have Antenna Pointing Tool +Must be fully compatible with quoted antenna system +NADRA has two hubs i.e. iDirect and STM/NSL/Global so bidder can quote IDUs from any of these two OEMs with following condition: 1. If Direct Quoted Then Quoted iDirect equipment must be compatible with NADRA iDirect Hub version IDK-4.1.6.3 or higher including any future releases as well 2. If NSL/Global/STM quoted then Quoted NSL/Global/STM equipment must be compatible with NADRA NSL/Global/STM Hub including any future releases as well.	50	Fully Comply		+VSAT Indoor Unit with fully enabled, licensed and support of Star, TCP-A, Encryption, NAT and with all accessories. -Bidder shall deliver all licenses required for IDU features mentioned in this document. +IDU Must Have Antenna Pointing Tool +Must be fully compatible with quoted antenna system +NADRA has two hubs i.e. iDirect and STM/NSL/Global so bidder can quote IDUs from any of these two OEMs with following condition: 1. If Direct Quoted Then Quoted iDirect equipment must be compatible with NADRA iDirect Hub version IDK-4.1.6.3 or higher including any future releases as well 2. If NSL/Global/STM quoted then Quoted NSL/Global/STM equipment must be compatible with NADRA NSL/Global/STM Hub including any future releases as well.	50	Fully Comply	Refer BOQ & Datasheet	+VSAT Indoor Unit with fully enabled, licensed and support of Star, TCP-A, Encryption, NAT and with all accessories. -Bidder shall deliver all licenses required for IDU features mentioned in this document. +IDU Must Have Antenna Pointing Tool +Must be fully compatible with quoted antenna system +NADRA has two hubs i.e. iDirect and STM/NSL/Global so bidder can quote IDUs from any of these two OEMs with following condition: 1. If Direct Quoted Then Quoted iDirect equipment must be compatible with NADRA iDirect Hub version IDK-4.1.6.3 or higher including any future releases as well 2. If NSL/Global/STM quoted then Quoted NSL/Global/STM equipment must be compatible with NADRA NSL/Global/STM Hub including any future releases as well.	50	Fully Comply		
ODU with Feed Assembly and ONT	BUC 3W (or above) and LNB fully compatible with Quoted IDU and 1.2m antenna, with all accessories. Bidder must share link budget of 1.5Mbps uplink and 2.5Mbps downlink for quoted antenna and BUC with following parameters:- a. Satellite PAKSAT 3R b. Frequency: KU Band c. Hub Side Antenna: 4.5m d. Hub Side BUC: 40W	50	Fully Comply	Separator 6	BUC 3W (or above) and LNB fully compatible with Quoted IDU and 1.2m antenna, with all accessories. Bidder must share link budget of 1.5Mbps uplink and 2.5Mbps downlink for quoted antenna and BUC with following parameters:- a. Satellite PAKSAT 3R b. Frequency: KU Band c. Hub Side Antenna: 4.5m d. Hub Side BUC: 40W	50	Fully Comply	Refer BOQ & Datasheet	BUC 3W (or above) and LNB fully compatible with Quoted IDU and 1.2m antenna, with all accessories. Bidder must share link budget of 1.5Mbps uplink and 2.5Mbps downlink for quoted antenna and BUC with following parameters:- a. Satellite PAKSAT 3R b. Frequency: KU Band c. Hub Side Antenna: 4.5m d. Hub Side BUC: 40W	50	Fully Comply		
1.2m Portable Manual ManPack Antenna	1.2m Portable Manual ManPack VSAT Antenna with Foldable Mounting Pedestal		Fully Comply	Separator 6	1.2m Portable Manual ManPack VSAT Antenna with Foldable Mounting Pedestal		Fully Comply	Refer BOQ & Datasheet	1.2m Portable Manual ManPack VSAT Antenna with Foldable Mounting Pedestal		Fully Comply		
	Four-Piece Precision Offset reflector (Minimum four piece to carry easily)		Fully Comply		Four-Piece Precision Offset reflector (Minimum four piece to carry easily)		Fully Comply	6 Pieces	Four-Piece Precision Offset reflector (Minimum four piece to carry easily)		Fully Comply		
	Carrying Case:- +Bidder must deliver carrying case of each antenna which must be feasible to transport complete system inside vehicle. +Carrying case must make complete antenna system fully secure during transportation to avoid any damage of equipment.		Fully Comply		Carrying Case:- +Bidder must deliver carrying case of each antenna which must be feasible to transport complete system inside vehicle. +Carrying case must make complete antenna system fully secure during transportation to avoid any damage of equipment.		Fully Comply		Carrying Case:- +Bidder must deliver carrying case of each antenna which must be feasible to transport complete system inside vehicle. +Carrying case must make complete antenna system fully secure during transportation to avoid any damage of equipment.		Fully Comply		
	Complete antenna system after packing in Carrying case must be easily packed, unpacked and carried by single person.		Fully Comply		Complete antenna system after packing in Carrying case must be easily packed, unpacked and carried by single person.		Fully Comply		Complete antenna system after packing in Carrying case must be easily packed, unpacked and carried by single person.		Fully Comply		
	Operating Frequency Transmit: 13.75 - 14.50 GHz Receive: 10.95 - 12.75 GHz		Fully Comply		Operating Frequency Transmit: 13.75 - 14.50 GHz Receive: 10.95 - 12.75 GHz		Fully Comply		Operating Frequency Transmit: 13.75 - 14.50 GHz Receive: 10.95 - 12.75 GHz		Fully Comply		
	Gain dBS Receive = 41, Transmit = 43		Fully Comply		Gain dBS Receive = 41, Transmit = 43		Fully Comply		Gain dBS Receive = 41, Transmit = 43		Fully Comply		
	NADRA is operating on KU Band Cross polarization so quoted equipment must support the same		Fully Comply		NADRA is operating on KU Band Cross polarization so quoted equipment must support the same		Fully Comply		NADRA is operating on KU Band Cross polarization so quoted equipment must support the same		Fully Comply		
	Antenna must be assembled using high quality clips/screws which must ensure that no part of antenna is loose or having movement once assembled		Fully Comply		Antenna must be assembled using high quality clips/screws which must ensure that no part of antenna is loose or having movement once assembled		Fully Comply		Antenna must be assembled using high quality clips/screws which must ensure that no part of antenna is loose or having movement once assembled		Fully Comply	Less Than 20 Kg	
	Net Weight = 20Kgs or less		Fully Comply		Net Weight = 20Kgs or less		Fully Comply	Without Case	Net Weight = 20Kgs or less		Fully Comply	Travel Range	
	Travel Range +Azimuth = 360 deg continuous +Elevation = 14 - 90 deg +Polarization = ± 90 deg		Fully Comply		Travel Range +Azimuth = 360 deg continuous +Elevation = 14 - 90 deg +Polarization = ± 90 deg		Fully Comply		Travel Range +Azimuth = 360 deg continuous +Elevation = 14 - 90 deg +Polarization = ± 90 deg		Fully Comply	+Azimuth = 360 deg continuous +Elevation = 14 - 90 deg +Polarization = ± 90 deg	
	Operational wind load - 48Km/h with balance weight		Fully Comply		Operational wind load - 48Km/h with balance weight		Fully Comply	72 Km/h	Operational wind load - 48Km/h with balance weight		Fully Comply	50km/h with balance weight	
	Survival Wind load - 96Km/h with balance weight		Fully Comply		Survival Wind load - 96Km/h with balance weight		Fully Comply	96 Km/h with Weight	Survival Wind load - 96Km/h with balance weight		Fully Comply	120km/h with balance weight	
	Az/EI mount which includes both elevation and azimuth fine adjustments		Fully Comply		Az/EI mount which includes both elevation and azimuth fine adjustments		Fully Comply		Az/EI mount which includes both elevation and azimuth fine adjustments		Fully Comply		
	Glass Fiber Reinforced Polyester Material/Carbon Fiber/Aluminum Reflector		Fully Comply		Glass Fiber Reinforced Polyester Material/Carbon Fiber/Aluminum Reflector		Fully Comply	Carbon Fiber	Glass Fiber Reinforced Polyester Material/Carbon Fiber/Aluminum Reflector		Fully Comply	Aluminum Reflector	
	Maximum 15 minute assembly time by one person		Fully Comply		Maximum 15 minute assembly time by one person		Fully Comply		Antenna Must have Lock feature to avoid any misalignment due to wind		Fully Comply		
Antenna Must have Lock feature to avoid any misalignment due to wind		Fully Comply		Antenna Must have Lock feature to avoid any misalignment due to wind		Fully Comply		Antenna Mount Must have Lock feature to avoid any misalignment due to wind		Fully Comply			
Antenna Mount Must have Lock feature to avoid any misalignment due to wind		Fully Comply		Antenna Mount Must have Lock feature to avoid any misalignment due to wind		Fully Comply		Antenna System must be portable and easily move from one site to another in a Single Pack Case Solution		Fully Comply			
Antenna System must be portable and easily move from one site to another in a Single Pack Case Solution		Fully Comply		Antenna System must be portable and easily move from one site to another in a Single Pack Case Solution		Fully Comply		Bidder will submit Data Sheet and Pictures in their technical proposal for Antenna and Carrying case		Fully Comply			
Bidder will submit Data Sheet and Pictures in their technical proposal for Antenna and Carrying case		Fully Comply		Bidder will submit Data Sheet and Pictures in their technical proposal for Antenna and Carrying case		Fully Comply		IPES Protective Level		Fully Comply			
IPES Protective Level		Fully Comply		IPES Protective Level		Fully Comply		Antenna mount must be single piece and with foldable mounting legs so that operator can easily fold and place inside vehicle.		Fully Comply			
Antenna mount must be single piece and with foldable mounting legs so that operator can easily fold and place inside vehicle.		Fully Comply		Antenna mount must be single piece and with foldable mounting legs so that operator can easily fold and place inside vehicle.		Fully Comply		Each piece of Antenna must be numbered or tagged to identify during assembling.		Fully Comply			
Each piece of Antenna must be numbered or tagged to identify during assembling.		Fully Comply		Each piece of Antenna must be numbered or tagged to identify during assembling.		Fully Comply		Bidder must deliver tools with each unit that are required (if any) to assemble, disassemble and align antenna and allied equipment.		Fully Comply			
Bidder must deliver tools with each unit that are required (if any) to assemble, disassemble and align antenna and allied equipment.		Fully Comply		Bidder must deliver tools with each unit that are required (if any) to assemble, disassemble and align antenna and allied equipment.		Fully Comply				Fully Comply			

		Quoted Antenna Type should be approved by Satellite Operators		Quoted Antenna Type should be approved by Satellite Operators		Fully Comply		Quoted Antenna Type should be approved by Satellite Operators		Fully Comply	
4	RF Cables	Bidder must deliver 2 x RF Cables with connectors for each unit to connect TX/RX of IDU and ODU. Each Cable length must be 30m.	100	Bidder must deliver 2 x RF Cables with connectors for each unit to connect TX/RX of IDU and ODU. Each Cable length must be 30m.	100	Fully Comply		Bidder must deliver 2 x RF Cables with connectors for each unit to connect TX/RX of IDU and ODU. Each Cable length must be 30m.	100	Fully Comply	
5	Training	Training of 8 x NADIA Teams at Islamabad, Lahore, Karachi, Multan, Quetta, Sargodha, Sukkur and Peshawar. Bidder will bear all expenses of trainer including travelling, boarding, lodging etc. However NADIA will provide training venue at each location.	8 Teams	Training of 8 x NADIA Teams at Islamabad, Lahore, Karachi, Multan, Quetta, Sargodha, Sukkur and Peshawar. Bidder will bear all expenses of trainer including travelling, boarding, lodging etc. However NADIA will provide training venue at each location.	8 Teams	Fully Comply		Training of 8 x NADIA Teams at Islamabad, Lahore, Karachi, Multan, Quetta, Sargodha, Sukkur and Peshawar. Bidder will bear all expenses of trainer including travelling, boarding, lodging etc. However NADIA will provide training venue at each location.	8 Teams	Fully Comply	
6	Support and Warranty	Support and Warranty of all quoted equipment. On-Site support at Islamabad, Lahore, Karachi, Multan, Quetta, Sargodha, Sukkur and Peshawar when required. S.A will be signed with successful bidder.	1 Year	Support and Warranty of all quoted equipment. On-Site support at Islamabad, Lahore, Karachi, Multan, Quetta, Sargodha, Sukkur and Peshawar when required. S.A will be signed with successful bidder.	1 Year	Fully Comply		Support and Warranty of all quoted equipment. On-Site support at Islamabad, Lahore, Karachi, Multan, Quetta, Sargodha, Sukkur and Peshawar when required. S.A will be signed with successful bidder.	1 Year	Fully Comply	
7	Note	Bidder shall quote all equipment as Turnkey Project. Bidder must be equipment manufacturer or Authorized dealer / Partner for IDUs, ODUs & Antenna.		Bidder shall quote all equipment as Turnkey Project. Bidder must be equipment manufacturer or Authorized dealer / Partner for IDUs, ODUs & Antenna.		Fully Comply		Bidder shall quote all equipment as Turnkey Project. Bidder must be equipment manufacturer or Authorized dealer / Partner for IDUs, ODUs & Antenna.		Fully Comply	
		All quoted equipment must support universal frequency KU band		All quoted equipment must support universal frequency KU band		Fully Comply		All quoted equipment must support universal frequency KU band		Fully Comply	
		All equipment IDU, ODU, Antenna, Antenna mount must be integratable with each other.		All equipment IDU, ODU, Antenna, Antenna mount must be integratable with each other.		Fully Comply		All equipment IDU, ODU, Antenna, Antenna mount must be integratable with each other.		Fully Comply	
		All quoted equipment must be brand new.		All quoted equipment must be brand new.		Fully Comply		All quoted equipment must be brand new.		Fully Comply	
		Equipment must be quoted with all required licenses to make equipment fully functional with required features.		Equipment must be quoted with all required licenses to make equipment fully functional with required features.		Fully Comply		Equipment must be quoted with all required licenses to make equipment fully functional with required features.		Fully Comply	
Technical Recommendations						Recommended			Recommended		


 President: Mr. Muhammad Junaid Zafar, Team Lead Core & Wireless (Networks Dtc), ERP# 23284


 Member - 1: Mr. Farhat Abbas, DD (Technology T&D), ERP# 33827


 Member - 2: Mr. Farhat Abbas, AD (OD Dept), ERP# 19295


 Member - 3: Mr. Yasir M. Saeed, DD (Network Dtc), ERP# 40334