



Institute of Space
Technology Islamabad
Procurement Department
RFQ-2324-00056-L
05-10-23

To: _____

Subject: **Invitation of Tender for E-Book Reader, Portable Speaker, Flight Controller etc.**

Dear Sir,

We invite you to quote for supply of the item as detailed in Annex-A & B enclosed. Offers must be submitted on company's letterhead with complete specifications of offered equipment/item and undertaking given at the end of Annex-A along with format for bid (Annex-B) to be duly filled.

The terms and conditions of this tender are as under: -

1. Sealed Tenders/Bids are invited from firms/suppliers/authorized agents of repute, registered with Sales tax department and having NTN. The bids under **Single Sealed Envelope** are required to be delivered at the office of undersigned IST-Islamabad latest by **11:30** hours on **20.10.2023**. Tenders will be opened on same date at **12:00** hours in the presence of bidders who desire to attend. The quotations received late (after opening of tender) will not be considered. Cutting / overwriting is not allowed unless/until authenticated under proper signature of the authorized person.
2. Sealed tenders addressed to the Deputy Director (Procurement), Institute of Space Technology, Near Rawat Toll Plaza, Islamabad Highway, Islamabad may be dropped in the tender box or mailed through courier, registered post; but it must be ensured that the same reaches our office well in time as late offers will not be considered. The envelopes should be marked clearly with the following information.

Tender No : RFQ-2324-00056-L
Due Date : 20.10.2023
Tender for : **E-Book Reader, Portable Speaker, Flight Controller etc**

3. **Rates:** The bidder should quote their rates for:-
 - i. Free Delivery at IST inclusive of all Govt. taxes. Details of such taxes to be provided.
 - ii. The bidder should indicate their NTN NO. & Sales Tax registration number.
 - iii. Items must be quoted as per user requirements/sample available at IST - Store. Before submitting any offer, bidder must consult the concerned user regarding any query/specifications or checking of sample. No change in the offer will be accepted later on.
 - iv. Offer shall be made as per our demanded specs or equivalent.
4. **BID SECURITY:** Offer must be accompanied with PKR. 30,000/- for as bid security in the form of pay order/ call deposit/ Demand draft in favor of IST-

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Islamabad. No offer will be entertained without bid security. The bid security will finally be adjusted/ refunded on completion of the contract. At any stage if the purchaser feels that the bidder has provided wrong information or the samples are not provided as per the specifications mentioned in their offer, the bid security will be forfeited.

5. Tender Fee of PKR 2,000/- in form of DD/PO must be submitted along with the offer in favour of IST-Islamabad.
6. **IST FTN #:** 9010613-0.
7. **Delivery:** Item may be delivered within **90-days** after issuance of Purchase Order. Successful delivery along with offloading of the ordered item at the **Purchaser's** premises will be **Supplier's** responsibility.
8. **Validity:** The offer shall remain valid for our acceptance for **90-Days** from the date of opening of tender. Offers with validity less than **90-days** will be liable for rejection.
9. **Inspection:** The inspection shall be carried out at IST by IST inspection committee and the inspection report (findings) shall be binding on you.
10. **Taxes:**
 - i. GST/CED will be paid by the **PURCHASER** to the **SUPPLIER'S** on production of a separately numbered "Tax Invoice" showing the amount of sales tax and other details under section 23 of Sales Tax Act-1990.
 - ii. As per in vogue GST SRO, 20% of the 18% GST amount will be retained by the Purchaser and later on submitted in the CBR/Government Treasury, where as 80% of the 18% GST will be paid to the Supplier for onward deposition in CBR/Government Treasury. However, GST rate is subject to change as and when notified by Government.
 - iii. Income tax will be deducted as per rule.
 - iv. Any change in taxes levied by Govt. after opening of bids will be on account of bidder. No change in offer will be accepted later on.
11. **Payment:** All payments will be made through crossed cheque in favor of the **SUPPLIER** in Pak Rupees. The payment mode will be "100 % Payment after Delivery" and after satisfactory performance in every aspect and inspection. Advance payment is subject to provision of equal amount of Bank Guarantee valid for 60 days from date of delivery.
Note: Any representation for the delay of payment will not be accepted, until complete required documents have not been received. (Countdown starts when Store receives complete documents).
12. **Late Offers:** The quotations received late (after opening the tender) will not be considered. Cutting/ over writing are not allowed, unless/ until authenticated under proper signature of the authorized person.
13. **Performance Bond:** IST may ask the firm to provide 10% of total order value in shape of unconditional and irrevocable Bank Guarantee/ Demand Draft of Pakistani Scheduled Bank to be valid till the expiry of Guarantee/Warranty



period within 10 working days of signing of contract. Else 0.01% of total order value for each day may be charged maximum upto 10% of contract value. Snr Dir Admin & Proc decision in this regard shall be fix and final.

14. In case of any arithmetic error unit price shall prevail.
15. Publication/Literature/Catalogue in Hard Copies/CDs will be provided along with offer.
16. IST reserves the right to increase / decrease the quantity as per requirements.
17. **Warranty:** Supplier may arrange warranties of offered items for at least one year from the date of successful installation, commissioning.
18. Bids will be evaluated in a manner that the item will bring "value for money" to the organization. Offers with lower specifications than demanded specs will be liable for rejection.
19. If IST deemed necessary, the lowest bidder may be asked to provide sample before awarding of any contract/ order. In case the sample of lowest bidder is rejected, sample from other bidders will be called and contract will be awarded to technically qualified lowest bidder.
20. IST may ask the lowest bidder for any clarification/providing of documents for satisfactory evaluation of offer.
21. Those firms are not eligible to participate in the tender whose deliveries of stores are pending/ delayed for the five months or more or their previous performance is not satisfactory, against any IST purchase order. If participated in tender their offer may be accepted/ rejected based on previous performance.
22. Conditional bids may be liable for rejection. Offers with incomplete documentation will be rejected.
23. A being lowest in financial bid does not mean that the contract/ purchase order will be awarded. Following factors may also be taken into account before award of purchase order.
 - i. Previous performance of supplier against any IST order.
 - ii. Reliability.
 - iii. Technical/ Financial capabilities.
 - iv. Acceptance of terms & conditions of tender.
24. IST may ask the lowest bidder to provide a "Certificate" that firm has never been black listed which will be submitted on stamp paper of valuing Rs. 20/-
25. **Failure & Termination:** In case the supplier / contractor failed to deliver the stores within specified delivery period, IST shall have the following options: -
 - i. To recover liquidated damages @ 2% of total purchase order value per month or part thereof will be imposed. The maximum limit of liquidated damages will not exceed 10% of contract value. Such damages shall be recovered from the bills, bid security and or by withholding any amount due to be paid against this or any other purchase order.
 - ii. To purchase from elsewhere, without notice to you but at your risk and cost, the stores not delivered within the stipulated period and to recover



excess value so paid by us from your bills or from your security and or to cancel the contract at your risk and cost.

26. **Blacklisting:** If the supplier failed to execute order as per laid down terms and conditions in the tender/order or the performance is not satisfactory or are found to be indulging in corrupt or fraudulent practices, the action for blacklisting of firm/ supplier/ contractor will be taken as per PPRA rule 19. In case of any dispute, the case will be referred to Vice Chancellor (IST), whose decision will be final.
27. IST reserves the rights to accept or reject any or all tenders as a whole or in part as per PPRA Rule 33 (1). The decision in this regard will be firm final and binding on all bidders.

(Maliha Zahid)
Deputy Director (Procurement)
Institute of Space Technology, Islamabad

S/No	Description	Qty NO	Unit Price (to be quoted excluding GST)	Total Value
1	<p>Ebook Reader DATA STORAGE CAPACITY: 32GB RESOLUTION: 300 PPI DISPLAY SIZE: 7" GLARE FREE FLUSH-FRONT PAPERWHITE DISPLAY FRONT LIGHT: 25 LEDS, DIMENSIONS: 159×141×3.4-8.4MM WEIGHT: 188G ADJUSTABLE WARM LIGHT: YES BATTERY LIFE: UP TO SIX WEEKS CHARGING: MICROUSB (CHARGED IN 3 HOURS) COLOR: GRAPHITE/CHAMPAGNE GOLD WIFI CONNECTIVITY: WI-FI + FREE CELLULAR CONNECTIVITY WARRANTY: 1 YEAR WATER RESISTANCE: IP×8 WATER RESISTANCE WEIGHT WITHOUT COVER: 131G (133G 3G VERSION) SCREEN: 6IN PAPERWHITE WITH FRONTLIGHT (300PPI) NATIVE FORMAT SUPPORT: KINDLE (AZW) TXT PDF UNPROTECTED MOBI PRC WEIGHT WITHOUT COVER: 131G (133G 3G VERSION), INSTANT ACCESS TO MILLIONS OF BOOKS NEWSPAPERS AND AUDIOBOOKS, PAGE TURN BUTTONS FONT CAN BE ADJUSTED THROUGH EIGHT SIZES WORKS WITH AUDIBLE - PAIR WITH BLUETOOTH HEADPHONES OR SPEAKERS TO SWITCH SEAMLESSLY BETWEEN READING AND LISTENING. BUILT IN DICTIONARY AND WIKIPEDIA ACCESS ADJUSTABLE WARM LIGHT TO SHIFT SCREEN SHADE FROM WHITE TO AMBER REFERENCE MODEL: KINDLE OASIS 32 GB OR EQUIVALENT</p>	3		
2	<p>PORTABLE SPEAKER 1. SOUND MODES: Clear Audio+ DSEE LIVE SOUND 2. DIMENSIONS (W X H X D): 275x572x295 mm 3. WEIGHT: 11.2 kg 4. BLUETOOTH SUPPORTED CODECS: SBC AAC LDAC 5. INPUT AND OUTPUT TERMINALS: Stereo Mini Jack(IN) USB A Mic Input(f6.3mm) Guitar/Mic Input(f6.3mm) 6. BATTERY LIFE: 20 HOURS 7. Fast Charging (10 minutes of charging for 80 minutes of runtime) 8. POWER SUPPLY: Internal rechargeable 9. WATER PROTECTION: IPX4 10. AC Power Adapter AC Power Cord 11. REFERENCE MODEL: SONY XP500 X-SERIES PORTABLE WIRELESS SPEAKER Or equivalent</p>	1		

3	<p>FLIGHT CONTROLLER</p> <ol style="list-style-type: none"> 1. PROCESSOR: STM32H743ZI (32BIT ARM CORTEX M7 (OPENS NEW WINDOW)) 400 MHZ 1 MB RAM 2 MB FLASH 2. FAILSAFE CO-PROCESSOR: STM32F103 (32BIT ARM CORTEX-M3) 24 MHZ 8 KB SRAM 3. SENSORS: (ALL CONNECTED VIA SPI), 4. ACCELEROMETER: (3) ICM20948 ICM20649 ICM20602 5. GYROSCOPE: (3) ICM20948 ICM20649 ICM20602 6. COMPASS: (1) ICM20948 7. BAROMETRIC PRESSURE SENSOR: (2) MS5611 8. OPERATING TEMP: -10C TO 55C 9. IP RATING/WATERPROOFING: NOT WATERPROOF 10. SERVO RAIL INPUT VOLTAGE: 3.3V / 5V 11. VOLTAGE: 4V - 5.7V 12. RATED CURRENT: 250 MA 13. INPUT VOLTAGE: 4.1V - 5.7V 14. RATED INPUT CURRENT: 2.5A 15. RATED INPUT/OUTPUT POWER: 14W 16. CUBE SIZE: 38.25MM X 38.25MM X 22.3MM 17. CARRIER SIZE: 94.5MM X 44.3MM X 17.3MM 18. IO PORTS: 14 PWM SERVO OUTPUTS (8 FROM IO, 6 FROM FMU) 19. 5X UART (SERIAL PORTS), ONE HIGH-POWER CAPABLE 20. 2X WITH HW FLOW CONTROL 21. 2X CAN (ONE WITH INTERNAL 3.3V TRANSCEIVER, ONE ON EXPANSION CONNECTOR), 22. R/C INPUTS: SPEKTRUM DSM / DSM2 / DSM-X® SATELLITE COMPATIBLE INPUT, FUTABA S.BUS® COMPATIBLE INPUT AND OUTPUT 23. PORTS: PPM-SUM SIGNAL INPUT RSSI (PWM OR VOLTAGE) INPUT I2C SPI 3.3V ADC INPUT INTERNAL MICROUSB PORT AND EXTERNAL MICROUSB PORT EXTENSION 24. REFERENCE MODEL: PIXHAWK ORANGE CUBE OR EQUIVALENT 	1		
4	<p>PC SPEAKER, STANDARD</p> <ol style="list-style-type: none"> 1) EDIFIER XM6BT OR EQUIVALENT 2) MODEL NO: XM6BT 3) POWER OUTPUT: R/L: RMS 12W× 2 SW: 24W 4) SIGNAL TO NOISE RATE: = 85DBA 5) FREQUENCY RESPONSE: L/R:210HZ-20KHZ SW:20HZ-120HZ 6) INPUT SENSITIVITY: R/L: 400MV±50MV SW: 70MV±20MV 7) INPUT TYPE: AUX/USB/SD CARD/BLUETOOTH 8) BASS UNIT: 6 1/2 INCH(178MM) 9) MID-RANGE UNIT: 3 INCH(78MM) 10) TREBLE UNIT:F 10MM 11) ADJUSTMENT: SIDE CONTROL PANEL, REMOTE CONTROL 12) WARRANTY: STANDARD 	1		
5	<p>TABLET</p> <ol style="list-style-type: none"> 1- NETWORK: GSM / HSPA / LTE / 5G 2- DIMENSIONS: 285 X 185 X 5.7 MM (11.22 X 7.28 X 0.22 IN) 3- WEIGHT: 575 G (1.27 LB) 4- BUILD: GLASS FRONT - ALUMINUM BACK - 	2		

	<p>ALUMINUM FRAME 5- SIM: NANO-SIM - STYLUS SUPPORT - 5.6MS LATENCY (BLUETOOTH INTEGRATION- ACCELEROMETER- GYRO) 6- DISPLAY TYPE: SUPER AMOLED- 120HZ- HDR10+ 7- SIZE: 12.4 INCHES- 446.1 CM2 (~84.6% SCREEN-TO-BODY RATIO) 8- RESOLUTION: 1752 X 2800 PIXELS- 16:10 RATIO (~266 PPI DENSITY) 9- OS: ANDROID 10- UPGRADABLE TO ANDROID 12L- ONE UI 4.1.1 10- CHIPSET: QUALCOMM SM8250 SNAPDRAGON 865 5G+ (7 NM+) 11- CPU: OCTA-CORE (1X3.09 GHZ CORTEX-A77 & 3X2.42 GHZ CORTEX-A77 & 4X1.80 GHZ CORTEX-A55) 12- GPU: ADRENO 650 13- CARD SLOT: MICROSDXC (DEDICATED SLOT) 14- INTERNAL: 128GB 6GB RAM - 256GB 8GB RAM- 512GB 8GB RAM - UFS 3.0 15- MAIN DUAL CAMERA: 13 MP- F/2.0, 26MM (WIDE)- 1/3.4"- 1.0µM- AF & 5 MP- F/2.2- 12MM (ULTRAWIDE)- 1.12µM 16- CAMERA FEATURES: HDR- PANORAMA 17- CAMERA VIDEO: 4K@30FPS 18- SELFIE CAMERA: SINGLE 8 MP- F/2.0- 26MM (WIDE)- 1/4"- 1.12µM VIDEO: 1080P@30FPS 19- LOUDSPEAKER: YES WITH STEREO SPEAKERS (4 SPEAKERS) 20- WLAN: WI-FI 802.11 A/B/G/N/AC/6 DUAL-BAND WI-FI DIRECT BLUETOOTH: 5.0 A2DP LE 21- POSITIONING: GPS GLONASS BDS GALILEO 22- USB TYPE-C 3.2 MAGNETIC CONNECTOR 23- SENSORS: FINGERPRINT (UNDER DISPLAY OPTICAL) ACCELEROMETER GYRO PROXIMITY COMPASS 24- BATTERY TYPE: LI-PO 10090 MAH NON-REMOVABLE 25- CHARGING: 45W WIRED 26- COLORS MYSTIC BLACK 27- SAR: 1.16 W/KG (BODY)</p>			
6	<p>PRINTER, SATANARD (1) HP LASERJET PRO M404DW. (2) PRODUCT NUMBER: W1A56A (3) PRINT SPEED: UP TO 38 PAGES PER MINUTE (PPM)OR EQUIVALENT. (4) TWO-SIDED PRINTING: YES (5) CONTROL PANEL: 2-LINE LCD; OK BUTTON; LEFT BUTTON; RIGHT BUTTON; CANCELBUTTON; BACK BUTTON; WIRELESS BUTTON; READY LED; ERROR LED; WI-FI LED. (6) PRINT RESOLUTION: BLACK (BEST): HP FASTRES1200 (ENHANCED UP TO 4800 X 600 DPI); TECHNOLOGY: HP FASTRES1200, HP PRORES1200, 600 DPI; (7) STANDARD: 1 HI-SPEED USB 2.0; 1 HOST USB AT REAR SIDE; GIGABIT ETHERNET 10/100/1000BASE-T NETWORK;802.11B/G/N/2.4/5 GHZ WI-FI RADIO (8) PROCESSOR SPEED:1200 MHZ</p>	1		

<p>(9) MOBILE PRINTING CAPABILITY: APPLE AIRPRINT™; GOOGLE CLOUD PRINT™; HP EPRINT; HP SMART APP; MOBILE APPS; MOPRIA™ CERTIFIED; ROAM CAPABLE FOR EASY PRINTING; WI-FI® DIRECT PRINTING</p> <p>(10) MEMORY: STANDARD: 256MB DRAM; 256MB FLASH; MAXIMUM: 256MB DRAM; 256MB FLASH</p> <p>(11) WIRELESS: YES, BUILT-IN DUAL-BAND WI-FI; AUTHENTICATION VIA WEP, WPA/WPA2, WPA ENTERPRISE; ENCRYPTION VIA AES OR TKIP; WPS; WI-FI DIRECT; BLUETOOTH LOW-ENERGY</p> <p>(12) MEDIA TYPES: PAPER (PLAIN, ECOFFICIENT, LIGHT, HEAVY, BOND, COLOURED, PREPRINTED, PREPUNCHED, RECYCLED, ROUGH); ENVELOPES; LABELS</p> <p>(13) REPLACEMENT CARTRIDGES: HP 76A BLACK LASERJET TONER CARTRIDGE (3,000 PAGES) CF276A.</p> <p>(14) INPUT CAPACITY: TRAY 1: SHEETS: 100; ENVELOPES: 10 TRAY 2: SHEETS: 250 TRAY 3: SHEETS: 550 MAXIMUM: UP TO 900 SHEETS</p> <p>(15) WARRANTY: STANDARD</p>		
Total Value:		
GST Amount:		
Net Total Amount:		

Undertaking:

I/We, agree with the terms/conditions of tender inquiry. We have carefully read the terms and conditions mentioned in tender documents. We accept all these conditions.

Signature: _____

Name: _____

Designation: _____

Stamp: _____

(To be Printed On Company's Letterhead)

(To be Printed and typed On Company's Letterhead)

Annexure – B
 RFQ-2324-00056-L
 Date: 05.10.2023
 Due On: 20.10.2023

Format of Bid

- | | | |
|---|---|------------------------|
| 1. Tender Fee PO/DD No. | : | _____ |
| 2. Tender Fee PO/DD dated | : | _____ |
| 4. Bid Security PO/DD No. | : | _____ |
| 5. Bid Security PO/DD dated | : | _____ |
| 6. Bid Security PO/DD issued by
(Bank Name) | : | _____ |
| 7. Complete Technical specifications
& catalog attached | : | _____ <u>YES/NO</u> |
| 8. Delivery Schedule | : | _____ |
| 9. Validity of Acceptance | : | _____ |
| 10. Country of Origin. | : | _____ |
| 11. Profile of firm for performing such
Project. (Attached) | : | _____ <u>YES/NO</u> |
| 12. Free of cost onsite installation/
Commissioning & Training | : | _____ <u>MANDATORY</u> |
| 13. Performance Bond to be provided. | : | _____ <u>MANDATORY</u> |
| 14. Guarantee/Warranty. | : | _____ <u>YES/NO</u> |
| 15. Warranty response time and replacement time. | : | _____ <u>YES/NO</u> |
| 16. Owner name | : | _____ |
| Owner E-mail | : | _____ |
| Owner Contact Number | : | _____ |
| 17. Company full address | : | _____ |
| Contact Person | : | _____ |
| Cell # | : | _____ |
| E-mail | : | _____ |

Sign & Seal

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