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

1.	Name of Procuring Agency:	Pakistan Science Foundation
2.	Method of Procurement:	Single Bid Single Stage Procedure
3.	Title of Procurement:	Establishment of STEM FABLABs along-with supply of equipment and all other items on Turn-Key basis
4.	Tender Inquiry No.:	PSF/STEM/1022022
5.	PPRA Ref. No. (TSE):	TS470143E
6.	Date & Time of Bid Closing:	16 <sup>th</sup> February, 2022 at 11:00 hours local time
7.	Date & Time of Bid Opening:	16 <sup>th</sup> February, 2022 at 11:30 hours local time
8.	No of Bids Received:	02
9.	Criteria for Bid Evaluation:	"As per Bidding Document".

10.

Details of Bid(s) Evaluation: As Under.....

Name of Bidder	Ma	ırks	Evaluated Cost	Rule/Regulation/SBD*/Policy/
	Technical (if applicable)	Financial (if applicable)		Basis for Rejection / Acceptance as per Rule 35 of PP Rules, 2004.
Telnet (Private ) limited, office No. 08, 2nd Floor Anwar Plaza, G-8, Markaz AIDL/Bits N' Bytes Education Services Pvt. Ltd	X	X	1 @ 223,875 √each and Rs. 447750 (for 2 complete units) 1 @ 226,214 and Rs. 452428.70 (for 2 complete units)	<ul> <li>i. Design Computers</li> <li>COMPLETE Computers in all respects, with</li> <li>Minimum specifications:</li> <li>8th Gen Core i5 or higher</li> <li>250GB SSD Drive</li> <li>1Tb HDD</li> <li>8GB of RAM</li> <li>Graphics Card</li> <li>Large Wide Screen 24" or higher</li> <li>LED Monitor</li> <li>Keyboard / Mouse / Speaker /</li> <li>Web Cam / Head Phone</li> <li>All relevant Cables to be included</li> <li>Online UPS</li> <li>With Windows 10 (professional),</li> <li>Microsoft Office (Registered),</li> <li>Adobe Reader (Registered),</li> <li>Media Player, Corel Draw X,</li> <li>Adobe Photoshop and Illustrator and all the other necessary software.</li> <li>(02 Units)</li> </ul>
Telnet (Private ) limited, office No. 08, 2nd Floor Anwar	Х	X	1 @ 380,011 and Rs. 760021.87 (for 2 complete	<b>ii. 3D Printer</b> Original Prusa i3 MK3S+ 3D printer with 2 Spring Sheet Build

Plaza, G-8, Markaz			units)	Plates or equivalent
AIDL/Bits N' Bytes	X	X	1 @ 456,000 and	(02 Units)
Education Services	28	28	Rs. 912000 (for 2	(02 01113)
Pvt. Ltd			complete units)	
Telnet (Private )	X	X	610109.30 (for 01	iii. LASER Cutter Machine
limited, office No.	21	1	unit)	4060 RECI 100W CO2 Laser
08, 2nd Floor Anwar			unity	Engraving Machine with Up
Plaza, G-8, Markaz				Down / Honey Comb with CW-
AIDL/Bits N' Bytes	X	X	532500 (for 01	5200 Chiller or equivalent
Education Services	Δ	Δ	unit)	(01 Unit)
Pvt. Ltd			unit)	(or ome)
Telnet (Private )	X	X	1 @ 666 and Rs	iv. Soldering Iron
limited, office No.	21	21	6661.20 (for 10	Soldering Iron with solder
08, 2nd Floor Anwar			complete units)	(10 Units)
Plaza, G-8, Markaz			complete units)	(10 Cmts)
AIDL/Bits N' Bytes	X	X	1 @ 1050 and Rs.	
Education Services	<b>41</b>	28	10500 (for 10	
Pvt. Ltd			complete units)	
Telnet (Private )	X	X	1 @ 499590	v. UPS
limited, office No.	<b>4X</b>	23		UPS (minimum 10KV) complete
08, 2nd Floor Anwar				in all respects, latest with heavy
Plaza, G-8, Markaz				duty Lithium ion batteries of
AIDL/Bits N' Bytes	X	X	1 @ 105000	2000W (2 batteries with each
Education Services	Δ	Δ	1 @ 105000	UPS)
Pvt. Ltd				(01 Unit)
Telnet (Private )	X	X	1 @ 86595.60	vi. All in One Printer, Scanner,
limited, office No.	28	28	1 @ 00575.00	Copier
08, 2nd Floor Anwar				HP Officejet 7612 Wide Format
Plaza, G-8, Markaz				All-in-One (G1X85A)/ HP
AIDL/Bits N' Bytes	X	X	1 @ 69000	LaserJet Pro MFP M521DW
Education Services			1 0 0000	A8P80A or Equivalent
Pvt. Ltd				(01 unit)
Telnet (Private )	X	X	1 @ 6661 and Rs.	vii. Other miscellaneous items
limited, office No.			26644.80 (for 4	Adjustable Power Supply, 30V
08, 2nd Floor Anwar			complete units)	10A
Plaza, G-8, Markaz			1	(04 Units)
AIDL/Bits N' Bytes	X	X	1 @ 18750 and	
Education Services			Rs. 75000 (for 4	
Pvt. Ltd			complete units)	
Telnet (Private )	X	X	1 @ 1732 and Rs.	viii.
limited, office No.			19051.03 (for 11	Digital Multi-meter with
08, 2nd Floor Anwar			complete units)	temperature probe, rugged
Plaza, G-8, Markaz			·	rubber body
AIDL/Bits N' Bytes	X	X	1 @ 2100 and Rs.	(11 Units)
Education Services			23100 (for 11	
Pvt. Ltd			complete units)	
Telnet (Private )	X	X	1 @ 9152 and Rs.	ix.
limited, office No.			183049.78 (for 20	Tool Set (Plier, Cutter, Screw
08, 2nd Floor Anwar			complete units)	Drivers, Cutting Pad, Glue Gun,
Plaza, G-8, Markaz			· · /	

AIDL/Bits N' Bytes	X	X	1 @ 13125 and	Wire Stripper, Digital Vernier
Education Services			Rs. 262500 (for	Caliper, Allen Keys Set) with
Pvt. Ltd			20 complete units)	Tool Box ( <b>20 Units</b> )
Telnet (Private )	X	X	1 @ 93 and Rs.	X.
limited, office No.		1	9325.68 (for 100	Safety Gloves and Goggles
08, 2nd Floor Anwar			complete units)	(100 Units)
Plaza, G-8, Markaz			comprete annes)	
AIDL/Bits N' Bytes	X	X	1 @ 780 and Rs.	
Education Services			78000 (for 100	
Pvt. Ltd			complete units)	
Telnet (Private)	Χ	X	1 @ 53290 and	xi.
limited, office No.			Rs. 799344 (for	Raspberry Pi 4 4GB Desktop Kit
08, 2nd Floor Anwar			15 complete units)	including Micro HDMI to
Plaza, G-8, Markaz				Standard HDMI Male Cable for
AIDL/Bits N' Bytes	X	X	1 @ 76725 and	Pi 4, 2meter
Education Services			Rs. 1150875 (for	Pi Case
Pvt. Ltd			15 complete units)	Full Sized, Keyboard and Mouse
				5V 3A USB C Adapter and Pi 4
				compatible USB C Cable
				32GB Class 10 SD Card
				+ Raspberry Pi 4 Sense Hat
				+ 22inch refurbished HDMI LED
				Monitor with built-in speakers
				(Rs. 10,000)
				+ Misc. Pi Accessories / Cables /
				Components or Equivalent
$T (\mathbf{D}^{\prime})$	N/	<b>X</b> 7	1 @ 2007 1 D	(15 Units) 
Telnet (Private )	X	X	1 @ 3997 and Rs.	<b>xii.</b> Electronic Component Sets and
limited, office No.			39967.20 (for 10	Electronic Component Sets and Kits for Classroom
08, 2nd Floor Anwar			complete units)	
Plaza, G-8, Markaz AIDL/Bits N' Bytes	X	X	1 @ 11,295 and	LEDs, Capacitors, Transistors, Resistors PACKs, etc
Education Services	Λ	Λ	1 @ 11,295 and Rs. 112950 (for	Sensor Modules
Pvt. Ltd			10 complete units)	Arduino Modules
r vi. Liu			10 complete units)	IoT Modules
				Wires, different types
				Cells / Batteries / Adapters
				Breadboard, VeroBoard
				+ Storage Bins
				+ Mechanical Components (Nuts
				/ Bolts Sets, Cable Ties, etc)
				(10 Units)
Telnet (Private )	X	X	1 @ 33306	xiii.
limited, office No.				Miscellaneous Items, Binocular
08, 2nd Floor Anwar				microscope with 10X, 30X, 60X
Plaza, G-8, Markaz				and 100X lenses, slides, slide
AIDL/Bits N' Bytes	X	X	1 @ 105000	covers, Overheads/Unforeseen
Education Services				(01 Unit)
Pvt. Ltd				

Χ	X	1 @ 3730 and Rs.	xiv.
		18651.36 (for 5	<b>CONSUMABLE ITEM:</b>
		complete units)	3D Printer Filament ABS, various
			colors, 1.75mm or as per 3D
Χ	Χ	1 @ 5700 and Rs.	printer, 1KG Roll / Spool / each
		28500 (for 5	(05 Units)
		complete units)	
X	X	1 @ 3730 and Rs.	XV.
		89526.53 (for 24	CONSUMABLE ITEM:
		complete units)	3D Printer Filament PLA, various
			colors, 1.75mm or as per 3D
X	Χ	1 @ 6000 and Rs.	printer, 1KG Roll / Spool / each
		144000 (for 24	(24 Units)
		complete units)	
X	X	1 @ 1998 and Rs.	xvi.
		19983.60 (for 10	<b>CONSUMABLE ITEM:</b>
		complete units)	LASER Cutter 3mm MDF Wood
		_	Sheets, cut to size as per LASER
X	Χ	1 @ 15000 and	Cutter Dimensions, 50pcs pack
		Rs. 150000 (for	(10 Units)
		10 complete units)	
X	Χ	1 @ 2664 and Rs.	xvii.
		26644.80 (for 10	CONSUMABLE ITEM:
		complete units)	LASER Cutter 5mm MDF Wood
			Sheets, cut to size as per LASER
X	X	1 @ 15000 and	Cutter Dimensions, 50pcs pack
		Rs. 150000 (for	(10 Units)
		10 complete units)	
	X X X X X X X	X X X X X X X X X X X X X X	X       X       1 @ 5700 and Rs. 28500 (for 5 complete units)         X       X       1 @ 3730 and Rs. 89526.53 (for 24 complete units)         X       X       1 @ 6000 and Rs. 144000 (for 24 complete units)         X       X       1 @ 1998 and Rs. 19983.60 (for 10 complete units)         X       X       1 @ 1998 and Rs. 19983.60 (for 10 complete units)         X       X       1 @ 15000 and Rs. 150000 (for 10 complete units)         X       X       1 @ 2664 and Rs. 26644.80 (for 10 complete units)         X       X       1 @ 2664 and Rs. 26644.80 (for 10 complete units)         X       X       1 @ 15000 and Rs. 150000 (for

Name of Bidder	Marks		Evaluated Cost (PK RS.)	Rule/Regulation/SBD*/Policy/ Basis for Rejection /	
	Technical (if applicable)	Financial (if applicable)		Acceptance as per Rule 35 of PP Rules, 2004.	
Telnet (Private)	X	X	Total Cost for 01	1 <sup>st</sup> Lowest Bidder	
limited, office No.			LAB		
08, 2nd Floor Anwar			3,680,901		
Plaza, G-8, Markaz			Total for all 10		
			LABS		
			36,809,014.50		
AIDL/Bits N' Bytes	Х	Х	Total Cost for 01	2 <sup>nd</sup> Lowest Bidder	
Education Services			LAB		
Pvt. Ltd			4356675		
			Total for all 10		
			LABS		
			43566750.00		

Lowest Evaluated Bidder	Telnet (Private ) limited, office No. 08, 2nd
	Floor Anwar Plaza, G-8, Markaz



Most Advantageous Bidder:...Comparative Statements are attached.....

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

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- i. Comparative Statements for Mini STEM FABLAB (Annexure-I)
- Comparative Market Analysis for Hi STEM FABLAB (Annexure- )] ii.
- Technical Evaluation of Bids for establishment of STEM FABLABs along-with supply of iii. equipment and all other items on Turn-key basis (Annexure-II')

Signature:

**Official Stamp:** 

Dr. Ahsan Feroze Director International Liaison Pakistan Solence Foundation Ministry of Science & Ucchnology Islamabad

\*Standard Bidding Documents (SBD).

(Annexure-I)

### Pakistan Science Foundation 1-Constitution Avenue G-5/2 Islamabad \*\*\*\*

## PSDP "Launching of STEM in Pakistan, Phase-I"

## <u>Request for proposal (RFP) for establishment of STEM FABLABs along-with supply of equipment</u> and all other items on Turn-key basis

#### # Modelbm Unit AIDL/Bits N' Telnet (Private) Equipment **Bytes Education** limited, office Services Pvt Ltd No. 08, 2<sup>nd</sup> Floor Anwar Plaza, G-8, Markaz 1 @ 226,214 and i. Design COMPLETE Computers in all 2 1 @ 223,875 each Computers respects, with and Rs. 447750 Rs. 452428.70 Minimum specifications: (for 2 complete (for 2 complete 8th Gen Core i5 or higher units) units) 250GB SSD Drive 1Th HDD 8GB of RAM **Graphics** Card Large Wide Screen 24" or higher LED Monitor Keyboard / Mouse / Speaker / Web Cam / Head Phone All relevant Cables to be included Online UPS With Windows 10 (professional), Microsoft Office (Registered), Adobe Reader (Registered), Media Player, Corel Draw X, Adobe Photoshop and Illustrator and all the other necessary software. ii. **3D** Printer Original Prusa i3 MK3S+ 3D printer @ 456,000 and Rs. 2 @ 380.011 and with 2 Spring Sheet Build Plates or 912000 (for 2 Rs. 760021.87 complete units) (for 2 complete equivalent units) 4060 RECI 100W CO2 Laser 610109.30 iii. LASER 532500 1 Cutter Engraving Machine with Up Down / Honey Comb with CW-5200 Chiller Machine or equivalent Soldering Soldering Iron with solder 10 @ 1050 and Rs. @ 666 and Rs. iv. Iron 10500 (for 10 6661.20 (for 10 complete units) complete units)

## **Comparative Statements for Mini STEM FABLAB**

	DC		1	105000	400,500
v. UI	PS	UPS (minimum 10KV) complete in	1	105000	499590
		all respects, latest with heavy duty			
		Lithium ion batteries of 2000W (2			
		batteries with each UPS)			
	ll in One	HP Officejet 7612 Wide Format All-	1	69000	86595.60
	rinter,	in-One (G1X85A)/ HP LaserJet Pro			
	canner,	MFP M521DW A8P80A or			
	opier	Equivalent			
	ther	Adjustable Power Supply, 30V 10A,	4	@ 18750 and Rs.	@ 6661 and Rs.
	iscellaneous			75000 (for 4	26644.80 (for 4
	ems			complete units)	complete units)
viii.		Digital Multi-meter with	11	@ 2100 and Rs.	@ 1732 and Rs.
		temperature probe, rugged rubber		23100 (for 11	19051.03 (for 11
		body		complete units)	complete units)
ix.		Tool Set (Plier, Cutter, Screw	20	@ 13125 and Rs.	@ 9152 and Rs.
		Drivers, Cutting Pad, Glue Gun,		262500 (for 20	183049.78 (for 20
		Measuring Tape, Hammer, Saw,		complete units)	complete units)
		Wire Stripper, Digital Vernier			
		Caliper, Allen Keys Set) with Tool			
		Box	100		
Х.		Safety Gloves and Goggles	100	@ 780 and Rs.	@ 93 and Rs.
				78000 (for 100	9325.68 (for 100
				complete units)	complete units)
xi.		Raspberry Pi 4 4GB Desktop Kit	15	@ 76725 and Rs.	@ 53290 and Rs.
		including Micro HDMI to Standard		1150875 (for 15	799344 (for 15
		HDMI Male Cable for Pi 4, 2meter		complete units)	complete units)
		Pi Case			
		Full Sized, Keyboard and Mouse			
		5V 3A USB C Adapter and Pi 4			
		compatible USB C Cable			
		32GB Class 10 SD Card			
		+ Raspberry Pi 4 Sense Hat			
		+ 22inch refurbished HDMI LED			
		Monitor with built-in speakers (Rs.			
		10,000)			
		+ Misc. Pi Accessories / Cables /			
		Components or Equivalent			
xii.		Electronic Component Sets and Kits	10	@ 11,295 and Rs.	@ 3997 and Rs.
		for Classroom		112950 (for 10	39967.20 (for 10
		LEDs, Capacitors, Transistors,		complete units)	complete units)
		Resistors PACKs, etc			
		Sensor Modules			
		Arduino Modules			
		IoT Modules			
		Wires, different types			
		Cells / Batteries / Adapters			
		Breadboard, VeroBoard			
		-			
		Breadboard, VeroBoard			

xiii.	Miscellaneous Items, Binocular	1	105000	33306
	microscope with 10X, 30X, 60X and			
	100X lenses, slides, slide covers,			
	Overheads/Unforeseen			
xiv.	<b>CONSUMABLE ITEM: 3D Printer</b>	5	@ 5700 and Rs.	@ 3730 and Rs.
	Filament ABS, various colors,		28500 (for 5	18651.36 (for 5
	1.75mm or as per 3D printer, 1KG		complete units)	complete units)
	Roll / Spool / each			
XV.	<b>CONSUMABLE ITEM: 3D Printer</b>	24	@ 6000 and Rs.	@ 3730 and Rs.
	Filament PLA, various colors,		144000 (for 24	89526.53 (for 24
	1.75mm or as per 3D printer, 1KG		complete units)	complete units)
	Roll / Spool / each			
xvi.	CONSUMABLE ITEM: LASER	10	@ 15000 and Rs.	@ 1998 and Rs.
	Cutter 3mm MDF Wood Sheets, cut		150000 (for 10	19983.60 (for 10
	to size as per LASER Cutter		complete units)	complete units)
	Dimensions, 50pcs pack			
xvii.	CONSUMABLE ITEM: LASER	10	@ 15000 and Rs.	@ 2664 and Rs.
	Cutter 5mm MDF Wood Sheets, cut		150000 (for 10	26644.80 (for 10
	to size as per LASER Cutter		complete units)	complete units)
	Dimensions, 50pcs pack			
xviii.	Total Cost for 01 LAB	-	4356675	3,680,901
xix.	Total for all 10 LABS		43566750.00	36,809,014.50

(Annexure-II)

## **Comparative Market Analysis for Hi STEM FABLAB**

S. No.	Equipment	Model	Unit	TELNET (Bidder)	J Traders (Market)	M/S Syeed and Co. (Market)
1	3D Printer	Original Prusa i3 MK3S+ 3D printer with 2 Spring Sheet Build Plates or equivalent	5	1 @ 373,781 and Rs. 1868906.24 (for 5 complete units)	1 @ 400,000 and Rs. 2000000 (for 5 complete units)	1 @ 375000 and Rs. 1875000 (for 5 complete units)
2	LASER Cutter Machine	4060 RECI 100W CO2 Laser Engraving Machine with UpDown/HoneyComb with CW-5200 Chiller or equivalent	2	1 @ 600108 and Rs. 1200215.02 (for 2 complete units)	1 @ 650000 and Rs. 1300000 (for 2 complete units)	1 @ 625000 and Rs. 125000 (for 2 complete units)
3	Vinyl Cutter	Redsail Cutting Plotter RS720C Vinyl Sticker Cutter With Stand /equivalent or equivalent	2	1 @ 58968 and Rs.117936 (for 2 complete units)	1 @ 60000 and Rs. 120000(for 2 complete units)	1 @ 65000 and Rs.130000 (for 2 complete units)
4	Portable CNC Router	CNC 6040 Router 3Axis with VFD 2.2KW and DSP, + Dedicated Vacuum Cleaner + Extra Drill bits or equivalent REQUIRES CONSUMABLE ITEM - MDF Sheet for woodworking and Copper Boards to make PCBs Recommended Model: Small CNC Router 6090, Machine/Cnc brass small size mini desktop metal engraver router or equivalent	1	1006606.31	1100000	1200000
5	Design Computers	Minimum specifications: 8th Gen Core i5 or higher 250GB SSD Drive 1Tb HDD 8GB of RAM Graphics Card Large WideScreen 24"	5	1 @ 222506 and Rs. 1112529.60 (for 5 complete units)	1 @ 250000 and Rs. 1250000 (for 5 complete units)	1 @ 300000 and Rs. 1500000 (for 5 complete units)

		equivalent		183456 (for 10	220000 (for	250000 (for
10	<b>3D</b> printing Pens and Filaments	Leo Evo 3D Doodler Pen/LIX PEN UV or	10	1 @ 18346 and Rs.	1 @ 22000 and Rs.	1 @ 25000 and Rs.
	fixtures/ flooring	Workstations, Covers and Electrical Fixtures of Machines, flooring, coloring/painting, fabrication other than brick and mortars				
8	Large Screen	LED 55inch or higher with all manners of connectivity (VGA+Aux, HDMI, USB, WiFi) + High Definition WebCam, Conference Microphone + Handheld Wireless MicroPhone Set + Speaker Set, CCTV camera IP connectivity Tables, Chairs,	1	232202.88	300000	400000
7	Ipads	Samsung Galaxy Tab A 10.5 32GB 3GB SM- T590 (Wi-Fi) / equivalent	5	1 @ 59623 and Rs. 298116 (for 5 complete units) 232202.88	1 @ 65000 and Rs. 325000 (for 5 complete units) 250000	1 @ 60000 and Rs. 300000 (for 5 complete units) 300000
6	Spheros	Sphero SPRK+ Robotic Ball/Sphero SPRK Edition Robotic Ball or equivalent	10	1 @ 62037 and Rs. 620370.88 (for 10 complete units)	1 @ 70000 and Rs. 700000 (for 10 complete units)	1 @ 65000 and Rs. 650000(for 10 complete units)
		or higher LED Monitor Keyboard / Mouse / Speaker / WebCam / HeadPhone All relevant Cables to be included Online UPS With Windows 10 (professional), Microsoft Office (Registered), Adobe Reader (Registered), Media Player, Corel Draw X, Adobe Photoshop and Illustrator and all the other necessary software.				

				complete units)	10 complete units)	10 complete units)
11	STEM Kits	STEM Pack - Classroom Invention Literacy Kit	10	1 @ 19656 and Rs. 196560 (for 10 complete units)	1 @ 25000 and Rs. 250000 (for 10 complete units)	1 @ 30000 and Rs. 300000 (for 10 complete units)
12	Soldering Iron	Soldering Iron	20	1 @ 459 and Rs. 9180 (for 20 complete units)	1 @ 500 and Rs. 5000 (for 20 complete units)	1 @ 600 and Rs. 6000 (for 20 complete units)
13	Vacuum Cleaner and cleaning equipment	Vacuum Cleaner and cleaning equipment	1	Not Quoted	15000	14500
14	UPS	UPS (minimum 10KV) Complete in all respects, latest with heavy duty Lithium ion batteries of 2000W (2 batteries with each UPS)	1	491400	500000	45000
15	All in One Printer, Scanner, Copier	HP Officejet 7612 Wide Format All-in- One (G1X85A)/ HP LaserJet Pro MFP M521DW A8P80A or equivalent	1	85176	100000	120000
16	Miscellaneous Items, Overheads/Unforeseen	Electrical Lab Equipment, Adjustable Power Supply, 30V 10A,	5	1 @ 6552 and Rs. 32760 (for 5 complete units)	1 @ 7000 and Rs. 35000 (for 5 complete units)	1 @ 6500 and Rs. 32500 (for 5 complete units)
		Electrical Lab Equipment, Digital Multimeter with temperature probe, rugged rubber body	20	1 @ 1704 and Rs. 34070.40 (for 20 complete units)	1 @ 2500 and Rs. 50000 (for 20 complete units)	1 @ 30000 and Rs. 600000 (for 20 complete units)
		Tool Set (Plier, Cutter, Screw Drivers, Cutting Pad, Glue Gun, Measuring Tape, Hammer, Saw, Wire Stripper, Digital Vernier Calliper, Allen Keys Set) with Tool Box	20	1 @ 9002 and Rs. 180048.96 (for 20 complete units)	1 @ 12000 and Rs. 240000 (for 20 complete units)	1 @ 12000 and Rs. 240000 (for 20 complete units)
		Safety Gloves and Goggles	100	1 @ 92 and Rs. 9172.80 (for 100 complete	1 @ 100 and Rs. 10000 (for 100 complete	Each 100

			units)	units)	
	Raspberry Pi 4 4GB	20	1 @ 52416	1 @ 60000	1 @ 55000
	Desktop Kit	20	and Rs.	and Rs.	and Rs.
	including Micro HDMI		1048320 (for	1200000 (for	1100000
	to Standard HDMI		20 complete	20 complete	(for 20
	Male Cable for Pi 4,		units)	units)	complete
	2meter		units)	units)	units)
	Pi Case				units)
	Full Sized, Keyboard				
	and Mouse				
	5V 3A USB C Adapter				
	and Pi 4 compatible				
	USB C Cable				
	32GB Class 10 SD				
	Card				
	+ Raspberry Pi 4 Sense				
	Hat				
	+ 22inch refurbished				
	HDMI LED Monitor				
	with built-in speakers				
	(Rs. 10,000)				
	+ Misc. Pi Accessories				
	/ Cables / Components				
	Electronic Component	10	1 @ 3931 and	1 @ 5000 and	1 @ 7500
	Sets and Kits for		Rs. 39312 (for	Rs. 50000	and Rs.
	Classroom		10 complete	(for 10	75000 (for
	LEDs, Capacitors,		units)	complete	10 complete
	Transistors, Resistors			units)	units)
	PACKs, etc				
	Sensor Modules				
	Arduino Modules				
	IoT Modules				
	Wires, different types				
	Cells / Batteries /				
	Adapters				
	Breadboard,				
	VeroBoard				
	+ Storage Bins				
	+ Mechanical				
	Components (Nuts /				
	Bolts Sets, Cable Ties, etc)				
	High resolution/digital	2	1 @ 69451	1 @ 75000	1 @ 65000
	microscope /Confocal	2	and Rs.	and Rs.	and Rs.
	digital microscope		138902.40 (for	150000 (for 2	130000 (for
	<ul> <li>PCR machine</li> </ul>		2 complete	complete	2 complete
	Reagents/ chemicals		units)	units)	units)
<u> </u>	Reagents/ chemicals		units)	units)	units)

1.50		204	1	4	No.
~					
	Roll / Spool / each				11.05
	CONSUMABLE ITEM: 3D Printer Filament PLA, various colors, 1.75mm or as per 3D printer, 1KG Roll / Spool / each	30 (	1 @ 3669 and Rs. 110073.60 (for 30 complete units)	1 @ 5000 and Rs. 150000 (for 30 complete units)	1 @ 4500 and Rs. 135000 (for 30 complet units)
1	CONSUMABLE ITEM: LASER Cutter 3mm MDF Wood Sheets, cut to size as per LASER Cutter Dimensions, 50pcs pack	20	1 @ 1966 and Rs. 39312 (for 20 complete units)	1 @ 5000 and Rs. 100000 (for 20 complete units)	1 @ 4500 and Rs. 90000 (for 20 complete units)
	CONSUMABLE ITEM: LASER Cutter 5mm MDF Wood Sheets, cut to size as per LASER Cutter Dimensions, 50pcs pack	20	1 @ 2621 and Rs. 52416 (for 20 complete units)	1 @ 5000 and Rs. 100000 (for 20 complete units)	1 @ 4500 and Rs. 90000 (for 20 complete units)
	Total Cost for 01 LAB		9442505.09	10620000 With 17% GST 12425400	10933000 With 17% GST 12791610

Mr. TaimoorLaiqLoodhi Local Pedagogy Expert

1.07

Spece law

Engr. Ghulam Karim Engineering Expert, PEC

Nau Mr. ShahzadNaeem CFAO, MoST

Dr. Ahsan Veroze Director/IL, PSF/ Project Director, STEM/Secretary

Mr. Jrfan Shakeel Manager Database, PSF

M.Z

Mr. Muhammad Yaqub Tahir Deputy Director Accounts, PSK

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Mr. Wasim Ahmad

Member Finance, PSF :

Prof. Dr. Shahid Mahmood Baig Chairman, PSF



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## <u>Annexure-I</u>

#### Pakistan Science Foundation 1-Constitution Avenue G-5/2 Islamabad \*\*\*\*

## PSDP "Launching of STEM in Pakistan, Phase-I"

## <u>Request for proposal (RFP) for establishment of STEM FABLABs along-with supply of equipment</u> and all other items on Turn-key basis

## <u>Technical Evaluation of Bids for establishment of STEM FABLABs along-with supply of</u> equipment and all other items on Turn-key basis

#	Particulars	Remarks	Response Yes/No		
			AIDL/Bits N	TELNET (Pvt)	
			Bytes	Limited	
1.	Covering Letter	Mandatory	Yes	Yes	
2.	Having nationwide presence/offices (with office in	Mandatory	Yes	Yes	
	Islamabad/Rwp, mandatory) with the location of				
	offices with complete address & active landline				
	and fax numbers				
3.	Complete Profile / Introduction of bidder's	Mandatory	Yes	Yes	
	company/firm (including name of Chief				
4	Executive, Partners, Director, Professionals)	Man lata ma	V	V	
4. 5.	Copy of CNIC of CEO/Authorized person	Mandatory	Yes	Yes	
5.	Copy of Certificate of Incorporation from SECP or Registration from Registrar of Firms or undertaking of establishment in case of sole	Mandatory	Yes	Yes	
	proprietor /partnership deed				
6.	Copy of valid NTN Certificate	Mandatory	Yes	Yes	
7.	Copy of valid Sales Tax Registration Certificate	Mandatory	Yes	Yes	
8.	Proof/Receipts of Income Tax Returns,	Mandatory	Yes	Yes	
9.	NTN, GST registration, and proof of legal status of firm	Mandatory	Yes	Yes	
10.	Proof of ATL Registration	Mandatory	Yes	Yes	
11.	Audited Accounts Reports/statement of last three years	Mandatory	Yes	Yes	
12.	Bank Account Statement (for last three years with minimum annual transaction of PKR 20 Million).	Mandatory	No	Yes	
13.	Affidavit declaring that the Bidder is not blacklisted by any Government department/agency and no inquiry is ongoing against the bidder in NAB (on Stamp paper worth	Mandatory	Yes	Yes	
14.	Rs.50) Copies of Work orders/Job Completion certificate of similar projects (Minimum five completed projects)	Mandatory	No	Yes	

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1		f the Firm (minimum 5 /ears)	Mandatory	Yes	Yes ?
16	List of complete	l and ongoing projects	Mandatory	Yes 1	Yes T
17		ll staff members	Mandatory	Yes (	
		Eligibility	Ineligible	Eligible	

Ir. Taimoor Laiq Loodhi Local Pedagogy Expert

Engr. Ghulam Karim

Engineering Expert, PEC

Mr. Shahzad Naeem CFAO, MoST

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Mr. Ivfan Shakeel Manager Database, PSF

Dr. Ahsan Feroze Director IL, PSF/ Project Director, STEM/Secretary

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Prof. Dr. Shahid Mahmood Baig Chairman, PSF

Mr. Muhammad Yaqub Tahir Deputy Director Accounts, PSF

Mr. Wasim Ahmad Member Finance, PSF

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