		Queries of tender F5(1318)ST/MNIT/DIS/2024	Justification	Recommendations
	Tender Specs	Request for Changes/additional points		
Projector	Supply, Installation, Testing and Comissioning of Projection system: Single Chip 0.67" DLP Technology by TI, 6000 Lumens, Maximum Resolution WUXGA (1920x1200)@60Hz, Contrast ratio 20,000:1,Life 20,000 + hours, Through Ratio 1.15 - 1.9:1,Image Size 36.7" – 20,009 + Projection Lense F82.45 - 3.31, F21.7.23 - 27.9mm,VGA, XGA, SXGA, SXGA+, UXGA, WUXGA, WGGA, MAC,SDTV (480), 5761) / EDTV (480p, 576p) / HDTV (720p, 1080), 1080p), NTSC (M, 3.58/4.43 MHz), PAL (B,D,G,H,JM,N) SECAM (B,D,G,K,K1,L),Ports HDMI v1.4 (x2) (HDCP v1.4 Compliant), MHV/HDMI 1.4 (HDCP v1.4 Compliant),	Supply, Installation, Testing and Council Supply, Installation, Testing and Council Supply Bushers, Maximum Resolution WUKGA (1920x1200)@60Hz, Contrast Tatio 20,000:1,Life 20,000 + hours, Through Ratio 1.46 - 1,9:1,Image Size 40" - 201,9", Projection Lense F82.45 - 3.13, f=17.23-21.5 - 27.9 - 201,9", Projection Lense F82.45 - 201,9", Projection Lense F82.4	Kindly amend following specification to allow other reputed OEMs to participate.  Throw ratio should be starting from 1.46, Image size should be starting from 40°, Focal Length (f) should have range f-17.23-21.5 - 27.9 - 43.0mm or better, USB Service shall be removed/delete since latest technology allows LAN based service or allow USB/LAN for service	Specs in RFP Prevails- The Lens Throw Ratio as per site requirement. No Changes. The range of image size already includes the requested size. "Or better" added for the focal length
	In (3.5mm), VGA-Out, Audio-Out (Mini-Jack, 30-37-10-04) Power (SV/1.5A), RI45 (Lan), HDBaseT <sup>ast</sup> , RS232-In, USB (Service),	Compliantl, Composite Video, Voaln, Audio-Un (Mini-Jack), In (Mini-Jack), MiC-In (13-Mini-Jack), Audio-Out (Mini-Jack), 3D SyncOut, USB Type A Power (5V/1.5A/2A), RJ45 (Lan), HDBaseT**, R5232-In, H58-(Service),	Request to kindly remove "Altitude s 5000M" for wider participation of reputed OEMs.	Attitude -5000 M shows capable to run at 5000 M altitude . Its basically releated to
Interactive Display 86 Inches Projection System	STC Interactive Panel: Size - 86", Altitude S5000M, Type Technology-Backlit D - LED (IPS Panel), Brightness - 350 cd/m², Contrast Ratio 5000:1 Native Resolution 4K Ultra-HO (3840 x 2150), Viewing Angle (H/V) (178°)/178°, Aspect Ratio 16:9, Refresh Rate (Hz) 60 Hz, Estimated Life Time 50,000 Hours (Typical), Display Color (BiT) 1.07 Billion (10-bit), Installation Orientation - Landscape, Response Time - 8 ms, Anti-Glare-Anti Glare Coating, Bonding - Zero Optical Bonding, Technology infrared Touch, Annotation - Supported, Touch - 20 Points, Passive Per-1-1mm, Touch - 81mm, Touch Resolution - 32,768 x 32,768, Surface Protection - 4mm Thick Toughened Glass (Level 7H on Mohs scale of Mineral Hardness), Touch Tools-Finger, Stylus, Glove, Opaque Objects Simultaneous Writing, Pen, Touch, Erase-Yes, Writing Stylus/Pen Loctaion - Magnetic Mounting on IFPD Panel Front, System Version Loctaion - Magnetic Mounting on IFPD Panel Front, System Version Advisor My10, Pen, Touch, Erase-Yes, CPU Quad-core, Internal Storage - 32 GB, RAM - 4GB, Inputs Side Panel - 1 x Mini AV(3,5 mm mini jack, 2 x HDMI 2.0(60 Hz/AK), Inputs Front Fanel - 1 x HDM 2.0(60 Hz/AK), Unputs Side Panel - 1 x Mini AV(3,5 mm mini jack), 1 x Earphone Out (Sterea Audio), USB Grant Panel - 1 x KD8-B(Touch), 3 x USB-A, 20, 1 x USB-A, 30, USB Front Panel Ax USB-A, 20, 1 x USB-B, 30, 1 x USB-A, 30, USB Front Panel Ax USB-A, 30, USB-A, 30, USB Front Panel Ax USB-A, 30, USB-A, 30, USB Front Panel Ax USB-A,	Technology - Backlit D- LED (IPS Panel) , Brightness - Backlit D- LED (IPS Panel) , Backlit D	h	1X USB acceptable 3LCD to be read as DLP lasser project Contrast Ratio to be 500,000 to highs
Righ	Come Vari	Ven ra		- for Dahuh

4	interactive Display 75 Inches	Altitude \$5000M, Type Technology - Backlit D-LED (IPS Panel), Brightness - 350 cd/m², Contrast Ratio 50001. Native Resolution 4K Ultra-HD (3404 v 2160), Velwing Angle (H/V) 178°/178°, Aspect Ratio 16:9, Refresh Rate (Hz) 60 Hz, Estimated Life Time 50,000 Hours (Typical), Display Color (817) 1.07 Billion (10-bit), Installation Orientation - Landscape, Response Time -8 ms, Anti-Giare -Anti Giare Coating, Bonding - Zero Optical Bonding, Technology - Infrared Touch, Annotation - Supported, Touch - 20 Points, Passive Pen - ±1mm, Touch +1mm, Touch Resolution - 32,758 x 32,768, Surface Protection - 4mm Thick Toughened Glass (Level 7H on Mohs scale of Mineral Hardness), Touch Tools - Finger, Stylus, Glove, Opaque Objects, Simultaneous Writing, Pen, Touch, Erase - Ves, Writing Stylus/Pen Loctaion - Magnetic Mounting on IFDP Panel Front, System Version - Android **10.10. Browser - Ves, Office - Ves, CPU Quad-Core, Internal	178"/178", Aspect Ratio 16.9 , Refresh Nate (Hz) Oo Hz, Estimated Utfe Time 50,000 Hours (Typical) , Display Color (BIT) 1.07 Billion (10-bit) , Installation Orientation - Landscape , Response Time - 3 ms , Anti-Glare - Anti Giare Coating , Bonding - Zero Optical Bonding , Technology - Infrared Touch , Annotation - Supported , Touch - 20 Points , Passive Pen - ±1mm , Touch - 21mm , Touch - 20 Points , Passive Pen - ±1mm , Touch - 21mm , Touch - 23.768 x 32,768 , Surface Protection-4mm Thick Toughened Glass (Level 7H on Mohs scale of Mineral Hardness) , Touch Tools - Finger, Stylus, Glove, Opaque Objects , Simultaneous Witting, Pen, Touch, Frase - Yes, Writing Stylus/Pen Loctaion - Magnetic Mounting on IFPD Panel Front , System Version - Andriod Mal 11.0, Browser - Yes , Office - Yes , CPU Quadcore , Internal Storage - 32 GB, RAM - 46B, Inputs Side Panel - 1 x MInit AV(3.5 mm mini jack, 2 x HDMI 2.0(60 Hz/AK) , Inputs Front Panel - 1 x HDMI 2.0(60 Hz/AK) , Outputs Side Panel - 1 x HDMI 2.0(60 Hz/AK) , Inputs Front Panel - 1 x HDMI 2.0(60 Hz/AK) , Inputs Front Panel - 1 x LDMI 2.0(60 Hz/AK) , Inputs Front Panel	Request to kindly remove "Altitude \$5000M for wider participation of OEMs.	Additional Feature(cpuld be included):Al Lesson Plan Generator as per Indian Curriculum, Lesson structured as per 3E methodology with multi media content.Al Document Based Content Creator Summarise / chat / generate questions from any pdf digital books, Attitude - 5000 M shows capable too run at 5000 M altitude. Its basically shows Height . We can remove it.
5	HDMI Extender	Supply, Installation, Testing & Commissioning of Transmitter-Receiver kit with LxHDMI, LxVGA & 1xOP and 1xAudio. Resolution - 4x@60Hz, Auto switching capability, Distance upto 100m Supports 4k@30Hz,4:4:4 over the HDBaseT Output and a local HDMI output, PDH(Power over HDBaseT)-with its built-in POH function, it receives power from the HDBaseT output port on the connected device. RS232 serial communication switch, command mode and bypass mode to meet application requirements, users can command input port switch through RS232 of receiver-selects optimum EDID settings for high-quality display and use HDBaseT output as priority of optimum video resolution.HDCP.2.2 Compatible; Supports CEC; Max. Data Rate: 10.26bps [3.46bps per lane]: Power Consumption-DCSV:7.02W:408TU;POH:8.77W:488TU	Supply, Installation, Testing & Commissioning of Transmitter- Receiver kit with IxHDMI, IxVGA & IxDP and IxAudio . Resolution -4K@60H2, Auto switching capability, Distance upto 100m.Supports 4K@30H2,4-44 over the HDBaseT output and -6 toesh-HDM-testput, POH(Power over HDBaseT)-with its built-in POH function, it receives power from the HDBaseT output port on the connected device. RS232 serial communication switch .command mode and bypass mode to meet application requirements, users can command input port switch through RS232 of receiver selects optimum EDID settings for high-quality display and use HDBaseT output as priority of optimum video resolution.HDCP2.2 Compatible; Supports CEC; Max. Data Rate:10.2Gbps (3.4Gbps per lane); Power Consumption- DSSV-7-024-4-08-14;POH:8.77W:48BTU	Request to kindly remove "local HDMI output" and change "Power Consumption to DCSV/48V" for wider participation of reputed OEMs.	Specs Mentioned as per site and connectivity requirement No Changes
6	HDMI-HDBT Tx-Rx Kit	Supply, Installation, Testing & Commissioning of Transmitter-Receiver kit with 1xHDMI, 1xVGA & 1xDP and 1xAudio. Resolution - 4K@60Hz, Auto switching capability, Distance upto 100m.Supports 4K@30Hz,4:4:4 over the HDBaseT output and a local HDMI output, POH(Power over HDBaseT)-with its built-in POH function, It receives power from the HDBaseT output port on the connected device. RS232 serial communication switch, command mode and bypass mode to meet application requirements, users can command input port switch through RS232 of receiver-selects optimum EDID settings for high-quality display and use HDBaseT output as priority of optimum video resolution.HDCP2.2 Compatible; Supports CEC; Max. Data Rate:10.2Gbps (3.4Gbps per lane); Power Consumption-DCSV:7.02W:408TU;POH:8.77W:488TU	Supply, Installation, Testing & Commissioning of Transmitter- Receiver kit with 1xHDMI, 1xVGA & 1xDP and 1xAudio. Resolution - 4X@60tA, Auto switching capability, Distance upto 100m.Supports 4K@30Hz,4:4:4 over the HDBaseT Output and a local-HDMI-enspee, POHI(Power over HDBaseT)-with its built-in PoH function, it receives power from the HDBaseT output port on the connected device. RS232 serial communication switch .command mode and bypass mode to meet application requirements ,users can command input port switch through RS232 of receiver .selects optimum EDID settings for high-quality display and use HDBaseT output as priority of optimum video resolution.HDCP2.7 Compatible; Supports CEC; Max. Data Rate:10.26bps (3.46bps per lane); Power Consumption- OCSV-7-02W-408TU;POH-3-77W-48BTU	Request to kindly remove "local HDMI output" and change "Power Consumption to DCSV/48V" for wider participation of reputed OEMs.	Specs Mentioned as per site and connectivity requirement No Changes
7	Technical Bid Page no. 9 Point d)	Bidders must attach a Manufacturer Authorization Certificate for all Items.	Bidders must attach a Manufacturer Authorization Certificate for major components	Getting MAF from OEMs for products like Apple lpad, Wooden Podium etc. is not possible.	MAF Not Required for Apple Ipad and Wooden Podium. Apple IPAD to be changed to a Digital Pad in the specification
8	Qualification and Provenness Criteria Page No. 10 Point 16	Similar works Definition: "The definition of similar works shall be  "Supply, installation, commissioning, and maintenance of LAN / WAN /  Campus networking Projects/ Network infrastructure components including passive components, related hardware/software on rental  and/or outright purchase basis at any other PSU / Govt. / Quasi-Govt.  establishment / Government Education institutes like NIT, IIT, IIM, IIIT,  and Central universities."	Request to kindly change this to "SITC of AV products and/or video conferencing infrastructure".	Since this tender is for Upgradation of Video Conferencing Infrastructure, Relevant PQ shall be asked for.	The tender is thoroughly checked and updated for the changes

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9	Section XI : Technical Evaluation Sheet Page no. 80	OEM should have direct Service Centre in India and Authorized service Centre in Jaipur	Request to kindly change this to " OEM should have direct Service Centre in India and Authorized service Centre in North".	COLD COLD COLD COLD COLD COLD COLD COLD	No Changes. The requirement is specific to our institute's requirement of the availability of maintainence services in close proximity	
	Implementation Timeline Page	Extraction of Chicago		As per Standard Delivery Time Should be 4-6 Weeks and	Delivery of Material 45 days, Installation,Commissioning and Testing 45days from the date of Material Deliver	
10		Supply of all items/ devices - 45 Days from the award of the Tender	Kindly Clarify the exact time line for Supply of All Items	after Installation it should be 3-4 weeks from the date of		
10		Supply of all active items/ devices - 120 Days from the award of the Tender	Kindly Clarify the exact time line for Supply of All Items	Delivery		
		Completion of the whole work duly certified (Installation/Testing/commissioning) 90 Days from the award of the Tender	Kindly Clarify the exact time line for SITC of All Items			
11	As per Point No. 16 Page No.10 Qualification and Provenness Criteria Point B you have mentioned that:	Similar works Definition: The definition of similar works shall be "Supply, installation, commissioning, and maintenance oLAN / WAN / Campus networking Projects' Network (infrastructure components including passiv components, related hardware/software on rental and/or outright purchase basis at any other PSU / Govt. / Quasi-Govt. establishment / Government Education institutes like NTT, IT, IIII, IIII, Tand Central universities	Kindly Clarify on mentioned point as tender is related to Design,	As per tender it is related to CWN and the tender is for VC Infra	The tender is thoroughly checked and updated for the changes	
12	As per Point 16 Page no.14 Payment Terms	After supply of all items: - 50%, After successful completion of work: - 50%	Kindly Change it to 100% on Supply of All material	Kindly Amend it to 90% On Delivery as as the Bidders/SI need to Pay 100% Advance and you can take BG@ 5% of Contract Value with in 15 Days from the date of PO and	value)	
13	Point g. Page No.76 Resident engineer	i. The bidder/SI will provide a resident engineer for a period of five years or a contractual period.  ii. The working shift of the resident engineer will be at least 9 hours per day, six days a week.  iii. The resident engineer must have minimum technical qualifications such as a Degred Diploma in a relevant Engineering discipline and at least two years of experience handling a network of more than 1000 nodes with similar OEM equipment.  iv. The cost of the resident engineer is to be included in the tender cost only. MNI will not be responsible for the salary of the resident engineer.	Service Request Logging: Customers can log service issues through: Email: Mentioned in the Service report as well as Escalation Matrix Phone Cell: Mentioned in the Service report as well as Escalation Matrix Each issue will be assigned a unique ticket number for tracking. SLA Mentioned Separately. Engineer Visit & Issue Reporting. The assigned engineer will visit the customer site to within 24 to 48 hours:  1.Acknowledge the issue 2.Diegnose and collect necessary details. 3.Report back to the organization with findings and recommendations. Penalty for breach of SLA Under the comprehensive warranty, a penalty of 0.5% of the contract value per week will be deducted from the Security Deposit (SD) / Performance Security (PG) if the issue is not resolved within 24/48/72 hours, based on the severity level defined in the SLA. The total penalty shall not exceed 5% of the equipment's purchase order value, if the system remains non-functional for more than 30 days, MNTI Jaipur reserves the right to arrange repairs through an alternate source, with the incurred costs recoverable from the SD/PG. Force Exceptions & Mitigation No Penalty will apply if the delay is due to: Force Majeure events (natural disasters, government regulations, strikes, etc.). OEM part unavailability (certified from OEM) provided the vendor has documented proof of timely escalation and a temporary alternative solution is provided. Delays approved in writing by MNIT Jaipur.	Mentioned SLA is totally related to WIFI/LAN kindly change as per VC	The tender is thoroughly checked and updated for the SLA changes relevant for VC	
	HITES					
14	As per Section IV - Implementation Timeline Page no.13 mentioned that:	Supply of all items/ devices	45 Days from the award of the Tender	Kindly Clarify the exact time line for Supply of All Items	Delivery of Material 45 days, Installation.Commissioning and Testing 45 day from the date of Material Delivery	
		Supply of all active items/ devices	120 Days from the award of the Tender	Kindly Clarify the exact time line for Supply of All Items		
		Completion of the whole work duly certified	90 Days from the award of the Tender	Kindly Clarify the exact time line for SITC of All Items	and the second second	
Jul 8		(Installation/Testing/commissioning)	REPORT OF THE PROPERTY OF THE			
15	As per Point No. 16 Page No. 10 Qualification and Provenness Criteria Point B you have mentioned that:	As per Point No. 16 Page No.10 Qualification and Provenness Criteria Point B yo have mentioned that:	Similar works Definition: "The definition of similar works shall be "Supply installation, commissioning, and maintenance of LAN /WAN / Campus networking Projects! Network infrastructure components including passive components, related hardware/software on rental and/sor outsight purchase basis at any other PSU / Govt. / Quasi-Govt. establishment / Government Education institutes like NIT, IIT, IIM, IIIT, and Central universities	Design, Supply, Installation, Testing and Commissioning for	The tender should be thoroughly checked and updated for the changes	
16	As per Point 15 (h,c)Page No. 14	Complete Wi-Fi systems are functional as per functional requirements and scope work	Kindly Change the word Mentioned here to Audio Video and at Multiple Places also as the tender is related to Audio Video, bidder need to seal and sign of every page and there will be no responsibility of WIFULAN Infra	VI Primary	The tender is checked and updated for the changes	
17	As per Point 16 Page no.14 Payment Terms	After supply of all items: - 50% After successful completion of work: - 50%	Kindly Change it to 90% on Supply of All material and 10% on Installation/Handover		(Accepted based on the queries having lowest value) 70% On Delivery & 30 % on Installation	

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18	As Per Annexure 2 Page No.55	Motioned That Performance Bank Guarantee of 5% of P.O. Value	Multiple Startup firms will also participate in said tender and they are exempted for Submission of Bank Guarantee Also, kindly Elaborate	
19	Annexure 16 Page No.74	Service Level Agreement (SLA)	Mentioned SLA is totally related to WIFI/LAN kindly change it to - Service Request Logging: Customers can log service issues through. Email: Mentioned in the Service report as well as Escalation Matrix Phone Call: Mentioned in the Service report as well as Escalation Matrix	The tender is thoroughly checked and updated for the SLA changes relevant for VCI
			Each issue will be assigned a unious ticket number for tracking.	
20		i. The bidder/SI will provide a resident engineer for a period of five years or a contractual period.  ii. The working shift of the resident engineer will be at least 9 hours per day, six days a week.	SLA Mentioned Separately  As Fer Point iii. It Should be Resident Engineer have minimum qualification Diploma and handled/worked in A V Industry at least two yeard "experience. Note- Nodes etc are the Part of LAN/WIFI kindly remove this line	This point will be removed. The resident engineer relevant to CWN tender specification
		iii. The resident engineer must have minimum technical qualifications such as a Degree/ Diploma in a relevant Engineering discipline and at least two years of experience handling a network of more than 1000 nodes with similar OEM equipment. iv. The cost of the resident engineer is to be included in the tender cost endy. MNIT will not be responsible for the salary of the resident engineer is the similar of the salary of the resident engineer is to be included in the tender cost endy. MNIT will not be responsible for the salary of the resident engineer.		The tender should be thoroughly checked and
		1. Service Request Logging:	Customers can log service issues through:  Email: Mentioned in the Service report as well as Escalation Matrix  Phone Call: Mentioned in the Service report as well as Escalation Matrix  Each issue will be assigned a unique ticket number for tracking.	updated for the SLA changes relevant for VCI
		2. Initial Response Time:	IssueCategory Response Time Critical Issues (Complete AV system failure, major impact on classroom sessions) 4hours Major Issues (Degraded performance, issues with projector/display, audio disruptions) 8hours Minor Issues (Cosmetic defects, intermittent disruptions, remote configuration issues) 24 hours	Control for Very Control of Super Contro
			The assigned engineer will visit the customer site to within 24 to 48 hours:  1. Acknowledge the issue  2. Diagnose and collect necessary details.  3. Report back to the organization with findings and recommendations.  Resolution Time:	The tender is thoroughly checked and updated for the SLA changes relevant for VCI
21	Service Level Agreement (SLA) for Customer Support	3. Engineer Visit & Issue Reporting.	IssueCategory Resolution Time Critical Issues (Complete AV system failure, major impact on classroom sessions) 24 hours Major Issues (Degraded performance, issues with projector/display, audio disruptions) 48 hours Minor Issues (Cosmetic defects, intermittent disruptions, remote configuration issues) 72 hours The hours will be calculated from the time of registration of complaints	
		Customer Communication & Closure:	The customer will be updated regularly on the progress via email.  The issue will be marked as resolved once the necessary actions have been completed and the ticket number is closed.  A closure report will be shared with the customer for reference.	The tender should be thoroughly checked and updated for the SLA changes relevant for VCI

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		Penalty for breach of SLA	Under the comprehensive warranty, a penalty of 0.5% of the contract value per week will be deducted from the Security Deposit (SD) / Performance Security (PG) if the issue is not roasilved within 24/48/72 hours, based on the severity level defined in the SLA. The total penalty shall not exceed 5% of the equipment's purchase order value. If the system remains non-functional from the more than 30 days, IIM Raipur reserves the right to arrange repairs through an alternate source, with the incurrent costs recoverable from the SD/PG.	The tender is thoroughly checked and updated for
		Force Exceptions & Mitigation	No Penalty will apply if the delay is due to: Force Majeure events (natural disasters, government regulations, strikes, etc.) OEM part unavailability (certified from OEM) provided the vendor has documented proof of timely escalation and a temporary alternative solution is provided. Delays approved in writing by MNIT Jaipur.	The tender is thoroughly checked and updated for the SLA changes relevant for VCI
71.8			ITI LTD	
24	Page 14: Acceptance Protocol Points a. Acceptance protocol will be signed by MNIT JAIPUR when all the following activities are completed. b. Complete Wi-Fi systems are functional as per functional		Following points are pertaining to WIFI setup request to be removed from Bid	The tender is thoroughly checked and updated for the SLA changes relevant for VCI
25	requirements and scope of work, c. MNIT Jaipur users are able to access internet and intranet services.  Payment Terms: Page 14	S. No Payment enteria Payment Percentage	We request department to change the following to	(Accepted based on the queries having lowest
	Payment remistrage 14	1 After supply of all items 50% 2 After successful completion of work 50%	On Delivery to all Hardware/Software Items 70%     On successful Installation 30%	value) 70% On Delivery & 30 % on Installation
26	17. Maintenance & Support Service page 14	Point b. The Bidder/SI must provide comprehensive OEM onsite warranty maintenance services (24*7)	Request that support timings be changed from 24*7 to normal working hour	The tender should be thoroughly checked and updated for the SLA changes relevant for VCI
27	Section VIII - Schedule of Requirements	Page 35 : 28 Touch Panel Apple IPAd with table stand	we request you to please remove the name of OEM from the requirment so as to make the tender compatative for all OEM to participate	Apple IPAD to be changed to a Smart Tablet in the specification
28	Section VIII - Schedule of Requirements	Page 35 Point 30 Touch Controller Supply, Installation, Testing & Commissioning of Controller:- I Pad with Docking Station	we request you to please remove the name of OEM from the requirment so as to make the tender compatative for all OEM to participate.	Specs in RFP Prevails- The docking station should be capable to connect an Apple Product but need a be from Apple
29	Section XII - Buyback infra-Format	Page 82-83	For Buy Back Infra Format please provide the following  1. Item aging and serial number.	The tender is updated with the requested information

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