

REPLIES TO PREBID QUERIES

S.No	Page No	Clause, Section & Vol No	Item Description	As per Bid Document	Queries	Reply
1	Tender Document Page #65	SH-I, Item No.1	FOH Left / Right Arrayable 2 way full range switchable passive/bi-amp loudspeaker	LF: 500 Watts or more rms power, HF: 75W or more @8 Ohms	As per shared schematics; FOH loudspeaker are running on passive mode, hence request you to please allow us to quote for Loudspeaker with Passive mode: 350 W (1400 W peak), 100 hrs	No Change. Specifications laid down in tender are minimum required specifications any product offering better specifications is acceptable
2	Tender Document Page #65	SH-I, Item No.1	FOH Left / Right Arrayable 2 way full range switchable passive/bi-amp loudspeaker	12" LF driver and 1.4" or better HF	Please allow us to quote for loudspeaker with LF: 1 x 15" and HF: 1 x 1.5"	Please read revised specification as 12" or better LF driver and 1.4" or better HF.
3	Tender Document Page #65	SH-I, Item No.2	FOH Left / Right Arrayable 2 way full range switchable passive/bi-amp loudspeaker	LF: 500 Watts or more rms power, HF: 75W or more @8 Ohms	As per shared schematics; FOH loudspeaker are running on passive mode, hence request you to please allow us to quote for Loudspeaker with Passive mode: 350 W (1400 W peak), 100 hrs	No Change. Specifications laid down in tender are minimum required specifications any product offering better specifications is acceptable
4	Tender Document Page #65	SH-I, Item No.2	FOH Left / Right Arrayable 2 way full range switchable passive/bi-amp loudspeaker	12" LF driver and 1.4" or better HF	Please allow us to quote for loudspeaker with LF: 1 x 15" and HF: 1 x 1.5"	Please read revised specification as 12" or better LF driver and 1.4" or better HF.
5	Tender Document Page #65	SH-I, Item No.3	Front / Stage Fill Left / Right 2 Way full range passive Loudspeaker	180 Watts rms power or better @ 8 Ohms	There is no clarity on the requested specs in the tender document; therefore please revised the specs with Long-Term System Power Rating: 250 Watts Continuous @ 8 Ohms	No Change. Specifications laid down in tender are minimum required specifications any product offering better specifications is acceptable.
6	Tender Document Page #65	SH-I, Item No.3	Front / Stage Fill Left / Right 2 Way full range passive Loudspeaker	frequency response 60 Hz to 16 kHz	Please revised the specs as Frequency Response (+/-3 dB): 63 Hz - 19 kHz or better	Please read revised specification as 63Hz to 16kHz or better.
7	Tender Document Page #65	SH-I, Item No.3	Front / Stage Fill Left / Right 2 Way full range passive Loudspeaker	Dispersion: 80-90° H x 50-60° V	Please revised the specs as Dispersion 120 deg (H) x 60 (V) or better	No Change. Specifications laid down in tender are minimum required specifications any product offering better specifications is acceptable
8	Tender Document Page #65	SH-I, Item No.3	Front / Stage Fill Left / Right 2 Way full range passive Loudspeaker	94 dB or better sensitivity,	Please revised the specs as sensitivity 92 dB or better	Please read revised Specifications as 92 dB or better
9	Tender Document Page #65	SH-I, Item No.3	Front / Stage Fill Left / Right 2 Way full range passive Loudspeaker	Maximum SPL(peak)122 dB or better	Please revised the specs as Max. SPL (1m)2: 116 dB or better	Please read revised specificaitons as 120 dB or better
10	Tender Document Page #65	SH-I, Item No.4	Hanging /Arraybale Dual 12" Band Pass Subwoofer	800 Watts rms or better @ 4 ohms	Please allow us to quote for high power subwoofer with single 12" LF; power output 1000 W (4000 W peak), 2 hrs. @ 8Ohms	No Change. Specifications laid down in tender are minimum required specifications any product offering better specifications is acceptable
11	Tender Document Page #65	SH-I, Item No.4	Hanging /Arraybale Dual 12" Band Pass Subwoofer	Sensitivity 99 dB or better	Please revised the specs as Sensitivity 96 dB-SPL, 1W (2.83V) @ 1m or better	Please Read sensivity as 96dB or better.
12	Tender Document Page #65	SH-I, Item No.4	Hanging /Arraybale Dual 12" Band Pass Subwoofer	Max. SPL 134 dB peak or better	Please revised the specs as Max. SPL 132 dB peak or better	Please Read Max. SPL 132 dB peak or better.
13	Tender Document Page #65	SH-I, Item No.5	12" Self Powered Floor Monitor	Frequency response (-10dB) 50 Hz-20 kHz	Please revised the specs as Frequency Response (- 3dB): 57Hz - 20kHz	Please read the specs as Frequency Response (- 3dB): 57Hz - 20kHz or better and (-10dB): 50Hz to 20KHz.
14	Tender Document Page #65	SH-I, Item No.6	Compact 2 way full range surface-mount loudspeakers with Line Transformers	1 x 3.5" LF driver or better, 1 x 0.75" HF or better soft dome driver ,	Please revised the specs as LF Driver 1 x 3.0 inch and HF 1 x 0.5 inch or better	No Change. Specifications laid down in tender are minimum required specifications any product offering better specifications is acceptable
15	Tender Document Page #65	SH-I, Item No.6	Compact 2 way full range surface-mount loudspeakers with Line Transformers	Frequency response 90 Hz to 18 kHz(-10dB) or better	Please revised the specs as Frequency Response (+/-3 dB): 95 Hz - 19 kHz	Please read the specs as Frequency Response (- 3dB): : 95Hz to 16KHz or better
16	Tender Document Page #65	SH-I, Item No.6	Compact 2 way full range surface-mount loudspeakers with Line Transformers	120 x 100 coverage ,	Please revised the specs as Coverage Angle: 100° x 100° or better	No Change. Specifications laid down in tender are minimum required specifications any product offering better specifications is acceptable
17	Tender Document Page #65	SH-I, Item No.8	4-Channel Class TD/D Power Amplifier	Power Output 4 x 1200 W @ 4 Ohms, 4 x 1000 W @ 8 ohms, 1200 W @ 4 ohms bridged, 2400 W @ 8 ohms bridged,	As per shared schematics 4 channel amplifier(s) will driver FOH loudspeaker(s) - Passive mode. Hence we can revised the specs either 600 watts per channel or 1250 watts per channel @ 8 Ohms. Please revised the same	No Change. Specifications laid down in tender are minimum required specifications any product offering better specifications is acceptable
18	Tender Document Page #65	SH-I, Item No.8	4-Channel Class TD/D Power Amplifier	THD at rated Power < 0.1% ,	Please revised the specs as THD 0.35% (at full rated power, 20Hz - 20kHz) or better	No Change. Specifications laid down in tender are minimum required specifications any product offering better specifications is acceptable
19	Tender Document Page #65	SH-I, Item No.8	4-Channel Class TD/D Power Amplifier	Signal to Noise Ratio >110 dBA or better,	Please revised the specs as Signal to Noise Ratio >108dB (A-weighted) or better	Please read specs as Signal to Noise Ratio >100dB (A-weighted) or better

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20	Tender Document Page #65	SH-I, Item No.8	4-Channel Class TD/D Power Amplifier	CMR: >50 dB	Kindly removed	No Change. Specifications laid down in tender are minimum required specifications any product offering better specifications is acceptable
21	Tender Document Page #65	SH-I, Item No.9	2-Channel 2400 W power amplifier,	Power Output 2x 1200 W @ 4 Ohms, 2x 600 W @ 8 Ohms,	As per shared schematics 2 channel amplifier (2400Watts) will drive subwoofer(s). But the requested tender specs would be under power to run the subwoofer specs as specified above (please refer above S. No.10 for the same). Therefore please revised the tender specs as amplifier power output 2100 watts per channel @ 4 Ohms; 1200 watts per channel @ 8 ohms or better	No Change. There is enough of head room to drive the subwoofer. In case a vendor choose a subwoofer model with more rms power please ensure that class D/TD amplifier Selected for subwoofer is having sufficient headroom of more power than that of rms power of subwoofer to drive teh suwoofer.
22	Tender Document Page #65	SH-I, Item No.9	2-Channel 2400 W power amplifier,	THD at rated Power <0.1%,	Please revised the specs as THD <0.5% or better	Please read specs as THD as retaed Power <0.3%. Or better.
23	Tender Document Page #65	SH-I, Item No.9	2-Channel 2400 W power amplifier,	CMR: >50dB	Kindly removed	No Change
24	Tender Document Page #65	SH-I, Item No.10	2-Channel 800 W power amplifier,	Impedence 8/16 ohms	Kindly removed	No Change
25	Tender Document Page #65	SH-I, Item No.10	2-Channel 800 W power amplifier,	THD 20 Hz - 20 kHz at 1W <0.1%,	Please revised the specs as THD <0.5% or better	Please read specs as THD as retaed Power <0.3%. Or better.
26	Tender Document Page #65	SH-I, Item No.10	2-Channel 800 W power amplifier,	Signal to Noise Ratio >112 dBA,	Please revised the specs as Signal to Noise Ratio >100dB @ 8 ohms (A-weighted) or better	Please read specs as Signal to Noise Ratio >99dB (A-weighted) or better.
27	Tender Document Page #65	SH-I, Item No.10	2-Channel 800 W power amplifier,	Frequency Response 2 Hz - 40 kHz,	Please revised the specs as Frequency Response +/-1 dB (at 1W, 20 Hz to 20 kHz) or better	Please read specs as Frequency Response 20 Hz - 20 kHz or better.
28	Tender Document Page #65	SH-I, Item No.10	2-Channel 800 W power amplifier,	CMR 50 dB,	Kindly removed	No Change
29	Tender Document Page #65	SH-I, Item No.10	2-Channel 800 W power amplifier,	Sensitivity 4 dBu	Please revised the specs as Sensitivity 1.4V (for full rated power at 4Ω) or better	No Change
30	Tender Document Page #66	SH-I, Item No.12	Class D / TD Dual Channel Power Amplifier (2 x 120 W)	THD < 0.3%	Please revised the specs as THD <0.5% or better	No Change
31	Tender Document Page #66	SH-I, Item No.13	18-Channel Mixer Console	18-Channel Mixer Console	As per shared schematics, please revised the specs as 16 Channel Digital Mixing Console; should support 16 mic and 4 Balanced 1/4" Jack mono line inputs or better	No Change. Specifications laid down in tender are minimum required specifications any product offering better specifications is acceptable
32	Tender Document Page #66	SH-I, Item No.13	18-Channel Mixer Console	16x16 I/O MIDI Channels,	Please revised the specs as MIDI In and Out - onboard	Please note that mixer will be Dgital type only. Please read tender specifications as 8x8 I/O MIDI Channels or better
33	Tender Document Page #66	SH-I, Item No.13	18-Channel Mixer Console	Wifi	Kindly removed	No Change
34	Tender Document Page #66	SH-I, Item No.14	Audio DSP	DSP features like Feedback Supsressor,	Kindly removed, better to add as Separate line item "Advanced Feedback Suppression" to the actual functionality	No Change
35	Tender Document Page #66	SH-I, Item No.15	Audio DSP	5 input 4 output	As per the shared schematics, all the inputs / outputs used of DSP and there is no future expansion will be possible to connect additional input source. Therefore, please revised the number of require Input / Output as 12 input and 8 output instead of 5 input 4 output.	No Change. Specifications laid down in tender are minimum required specifications any product offering better specifications is acceptable
36	Tender Document Page #66	SH-I, Item No.15	Audio DSP	DSP features like Feedback Supsressor,	Kindly removed, better to add as Separate line item "Advanced Feedback Suppression" to the actual functionality	No Change
37	Tender Document Page #66	SH-I, Item No.17	UHF wireless handheld microphone	True diversity receiver	Please revised the tender specs as Microprocessor-controlled diversity System	No Change. Specifications laid down in tender are minimum required specifications any product offering better or equivalent specifications is acceptable
38	Tender Document Page #66	SH-I, Item No.18	UHF wireless handheld microphone	True diversity receiver	Please revised the tender specs as Microprocessor-controlled diversity System	No Change. Specifications laid down in tender are minimum required specifications any product offering better or equivalent specifications is acceptable

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39	Tender Document Page #66	SH-I, Item No.19	Gooseneck Microphone	Gooseneck Microphone with gooseneck length of 15" or better;	Please revised the tender specs as Gooseneck Microphone with gooseneck length of 15" or better; Should Support Dual Flexible Bands for easy use	No Change. Specifications laid down in tender are minimum required specifications any product offering better or equivalent specifications is acceptable
40	Tender Document Page #66	SH-I, Item No.19	Gooseneck Microphone	Polar pattern: Cardioid / hypercardioid / supercardioid;	Please revised the tender specs as Polar pattern: Cardioid or better	Please read specifications Cardioid or better
41	Tender Document Page #66	SH-I, Item No.19	Gooseneck Microphone	S/N Ratio: 65 dB or better	Please revised the tender specs as S/N Ratio: 64 dB or better	Please read specifications as S/N Ratio: 64 dB or better
42	Tender Document Page #66	SH-I, Item No.20	UHF Antena Distribution System	Gain: 1	kindly removed	No Change
43	Tender Document Page #66	SH-I, Item No.22	VHF wireless handheld microphone	VHF wireless handheld microphone with Diversity receiver 8 or more selectable channels/Preset per band, LCD display on Reciever, Audio output 3pin XLR / 1/4" Jack, Frequency Response: 110 Hz to 16kHz or better	VHF technology is no more in use for Wirelss Microphone System, please upgrade the tender specs for UHF technology as 30.5 MHz tuning range; Up to 16 pre-programmed frequencies per group; Automatic setup function designed for less experienced operators; support Microprocessor-controlled diversity system; Microphone capsules: dynamic (super cardioid) or better	No Change. Specifications laid down in tender are minimum required specifications any product offering better specifications is acceptable
44	Tender Document Page #66	SH-I, Item No.23	VHF wireless headworn microphone	VHF wireless handheld microphone with Diversity receiver 8 or more selectable channels/Preset per band, LCD display on Reciever, Audio output 3pin XLR / 1/4" Jack, Frequency Response: 110 Hz to 16kHz or better	VHF technology is no more in use for Wirelss Microphone System, please upgrade the tender specs for UHF technology as 30.5 MHz tuning range; Up to 16 pre-programmed frequencies per group; Automatic setup function designed for less experienced operators; support Microprocessor-controlled diversity system; Headworn microphone with polar pattern cardioid or better	No Change. Specifications laid down in tender are minimum required specifications any product offering better specifications is acceptable
45	Tender Document Page #66	SH-I, Item No.24, 25, 26	Wired Conference System * Chairman Conference Unit * Delegate Conference Unit * Central Conference Controller	Daisy chaining on RJ45	Please revsied the tender specs as daisy chaining on RJ45 / DIN 8-pole	No Change
46	Tender Document Page #66	SH-I, Item No.24, 25, 26	Wired Conference System * Chairman Conference Unit * Delegate Conference Unit * Central Conference Controller	Frequency Response: 25Hz to 15 kHz	Please revsied the tender specs as frequency response 50Hz to 20kHz	No Change. Specifications laid down in tender are minimum required specifications any product offering better specifications is acceptable
47					Inclusion of "Powersoft" in Amplifier Make & deletion of QSC	No Change
48					Inclusion of QSC make in Speakers	No Change

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1	Page No 22/23, 63 and Form - K	-	Eligibility Criteria: Kindly clarify whether we have to follow the eligibility criteria written on page no. 22/23 or as per the checklist (Form-K) on page no. 63. However, the eligibility criteria mentioned in Form-K seems to be correct since the same is matching with the CVC/CPWD guidelines. And the Solvency should be 40% of the estimated cost.	The criteria will be as mentioned in the Tender Documents for solvency and turnover. For experience, the period of 7 years shall be considered.
2		-	Authorization from OEM: This clause should be removed at this stage of tendering as it increases the chances of exploitation by OEM and their preferred dealers/Distributors/Systems Integrators. If at all, it is required by the department then the same should be asked from the L1 bidder to ensure that the respective OEMs are ready to work with him and will provide full sales and service support.	Authorization from OEM would be required after the award.
3			<p>Approved Makes: The complete tender seems to be in favor of brands marketed and distributed in India by M/s Music Group since the technical specifications are complying with those brands only. Hence we request you to please add the following makes in the approved make list to ensure a fair and healthy competition: -</p> <ul style="list-style-type: none"> • Audio Speaker – QSC • DSP Processor – QSC & DBX (From Harman Group) • Wireless Presentation System - Oceanz Acoustics HK • Switcher/Scaler/Transmitter Receiver/Cable Cubby – Kramer • Projectors – Epson • Lecture Recorder & Streamer - Lumens 	The tender is balanced and without any bias. No change is to be made. Please refer approved makes in Tender Documents.
4			Minor Deviations: Since there are 4-5 brands approved in the tender against each item, which may or may not 100% comply with the detailed technical specifications, we request you to please provide us the model no. of each approved brand or allow minor deviations from the technical specifications which will not affect the functionality of the system and the design intent will be intact.	Specs given are minimum requirement and all brands meet them. Bidders can bid for any equipment meeting the specifications or better.
5	Item No: 42(Visualizer)		<p>We would like to know whether you are looking for Portable Document Cameras or Desktop Based Document Cameras as it's not mentioned in the tender specifications. The technical difference in Portable & Desktop Visualizer Series is that in Portable , there is no base & backlight provision available whereas in the case of Desktop based Visualizers, you will have a base with backlight which can be used for showing X-rays, slides, negatives, transparencies etc. So, depending on your application or usage, kindly mention in the specifications whether you are looking for Portable series or Desktop series?</p> <p>a) Also, input interface is missing in the technical specifications, so kindly add HDMI input and VGA Input for pass through.</p>	Item will be Desktop Based. We do not need pass through. Only output ports are required.

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6	Item No: 55(PTZ Camera)		As per the technical specifications, there is a typo error as you have missed the term optical with 20x or more zoom. Ideally it should be 20x Optical zoom because Optical zoom is the main feature in any of the PTZ Cameras as it defines the clarity of the image. So, we request you to kindly mention Optical term with 20x or more zoom .	The zoom will ' Optical Zoom'.
7			Arrayable Speakers have been asked in the tender. We request you to please clarify whether you require point source speakers which can stack together or you need Line array speakers only.	The speakers will be arrayable speakers with point source.
8			It is mentioned that the AV cables have to run through steel conduits. We assume that the conduits are not in the SOW of AV contractor. And if the same is required to be laid by AV Contractor, then the same should be a line item of BOQ.	PVC conduits item will be included.
9	Point No 5, Page No 61		W.r.t the point no. 5 given on page no. 61 of the NIT, please note that AV contractor shall execute the work as per the design and specifications and itemized BOQ given in the tender. Hence AV contractor's responsibility towards the system performance is not justified and the onus of system performance shall be on the Consultant/Client design team Moreover the performance will depend on the acoustics of the hall which will be done by third party. AV contractor shall equalize the system to optimize the performance in the given circumstances. Also, it is not practical for the AV contractor to maintain the NC level given in the tender (35 dB) of the hall since the same will depend on the noise isolation treatment of the hall considered by the Client /Third party and other factors like HVAC noise and noise generated by lighting fixtures etc.	This is a Supply Installation Testing and Commissioning Contract. The contractors are expected to design the system such that the parameters given in Section V at p61 are met .
10	Point No 5.20.4 page 54		W.r.t the point no. 5.20.4 on page 54, please clarify about the pre-delivery inspection of the material. Since most of the equipment to be supplied are manufactured outside India. Please note that if we go by the NIT terms the cost of arranging travelling, lodging/boarding will be high since different equipments shall be coming from various countries and AV contractor needs to factor the costing and quote accordingly.	No pre-delivery inspections are required. MTC will have to be submitted by the contractors.

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11	Point 'K', page 53		W.r.t the point no. k on page 53, the response time given for attending any fault is 2 hours which is very less taking into account the travel time in Delhi/NCR. Also please clarify about the replica device (active/passive) mentioned to be kept at IIITD campus. Secondly, we propose you to include the operations/maintenance of the system in the scope of work of AV Contractor wherein the contractor shall factor for on-site manpower deployment during the working hours.	Response time will be 4 hours. And the maintenance shall be for the defect liability period of 12 months after successful commissioning and handover. No operations are required.
12			No. of projector mounts mentioned in the BOQ for 4000 Lumens projector is 11 whereas only 5 projectors are factored.	Items are correct as per plan. No change.
13	Point No4 page no 52		W.r.t point no. 4 on page no. 52, the AV execution company must be ISO 9001/14001 certified. This should be exempted, as this has no relevance for contractors and will again limit the competition in the tender as many of the genuine AV systems integrator do not have ISO 9001/14001 certification	No change from the Tender stipulations.
14			<p>Item No: 42(Visualizer) : We would like to know whether you are looking for Portable Document Cameras or Desktop Based Document Cameras as it's not mentioned in the tender specifications. The technical difference in Portable & Desktop Visualizer Series is that in Portable , there is no base & backlight provision available whereas in the case of Desktop based Visualizers, you will have a base with backlight which can be used for showing X-rays, slides, negatives, transparencies etc. So, depending on your application or usage, kindly mention in the specifications whether you are looking for Portable series or Desktop series?</p> <p>a) Also, input interface is missing in the technical specifications, so kindly add HDMI input and VGA Input for pass through.</p>	Repeated – same as at Sr No.5
15			Item No: 55(PTZ Camera) : As per the technical specifications, there is a typo error as you have missed the term optical with 20x or more zoom. Ideally it should be 20x Optical zoom because Optical zoom is the main feature in any of the PTZ Cameras as it defines the clarity of the image. So, we request you to kindly mention Optical term with 20x or more zoom.	Repeated – same as at Sr No. 6
16			Request include Yamaha in the approved make list as it complies with all the requirements. (speakers , Amplifiers , Processor and Mixers)	No change to be made. Please refer approved makes in Tender Documents.

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17	Item No 1 & 2 page 65		You have mentioned in Page No. 65 (Item No. - 1 & 2) that the loudspeaker should fulfil the criteria of "Arrayable" which is totally belongs with the specification of only with one OEM. So this will not give equal platform to the entire bidder to bid for the tender.	The speakers should be arrayable with point source.
18			In the Speakers specification you have specified the approved and make of Renkus Heinz but as per the Renkus Heinz OEM's they recommended the Powersoft Amplifier to drive their speakers which best suits for the tender.	No change to be made. Please refer approved makes in Tender Documents.
19			Please note that the Harman Company covers almost all the Audio and Switching Items i.e. Audio Speakers, Microphones, Amplifiers, Mixers etc. so regarding this kindly please enumerate the Harman Items in all the list of the BOQ so to get the equal platform to all the bidders.	No change to be made. Please refer approved makes in Tender Documents.
20	Item no. 34		Reputed brands like Sony & Panasonic may also be included. These brands have the best service network available for these products vis-a-vis some of the brands which have been included in your tender. They also have very good products in this category. Sony even have a twin lamp technology which is not available with any other manufacturer in the world, a brochure of this model is attached for kind reference.	No change to be made. Please refer approved makes in Tender.
21			The requirement of HD Base T port may also be allowed through the use of external HD Base T connector.	Though its desirable to include HD Base T port, through a separate external equipment will also be acceptable.
22	Item No. 40		Pls confirm whether the Podium should have provision to place 10" Control Panel, or whether it should come fitted with 10" Control Panel.	Podium should have provisions for 10" Control Panel or a button panel.
23			In Switchers, Scalers , Transmitter, Receivers, Cable Cubby and A V Control System/ Keypad, the brand Kramer may kindly be included.	No change to be made. Please refer approved makes in Tender Document.
24			One of the largest audio equipment manufacturer in the world, and the one with the best after sales support in India, namely Harman Professional, has not been included in your approved makes. You are requested to include the following makes in your approved makes list: a. In Audio Speakers, the brand JBL may kindly be included b. In Amplifiers, Crown may kindly be included c. In DSP, BSS may kindly be included d. In Conference System, AKG may kindly be included e. In Lecture Recorder and Streamer, AMX may kindly be included	No change to be made. Please refer approved makes in Tender Document.

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25			<ul style="list-style-type: none"> • Addition of Harman Brands • Audio Speaker – Kindly add JBL • Amplifiers – Kindly add CROWN/JBL • DSP Processor – Kindly add BSS • Conference Systems - Kindly add AKG • Microphones - Kindly add AKG • Lecture Recorder and Streamer – Kindly add AMX 	No change to be made. Please refer approved makes in Tender Document.
26			Allowance of Deviation We request to allow deviation in the asked specifications. There will always be difference in the specifications in 2 brands and hence deviation should be allowed so that every Brand can participate. Else it will become a one Brand Tender, while others will not be able to participate.	Specs are minimum required. Bidders are free to bid for anything better.
27			Generalizations of Specifications There are certain Items where nonstandard specs are asked or available in one Brand only like DSP 5 X 4. We request you to generalize the same that are available in all the Brands.	5x4 is minimum requirement. Bidders can choose nearest better configuration.
28	Item No 26		No of units to be daisy chained should be 150 or more for better system performance. RS232/Ethernet Port for control and configuration. Freq resp 65Hz-16 kHz.	We need to Daisy chained 40 mikes, hence 50 mikes are mentioned as minimum number.
29	Page no 67- Point no 41		Supply, Installation, testing and commissioning of Passive Wall Plate with HDMI & VGA & AUDIO ports a. This is to be placed on the top of the podium complete with all accessories- WXA-H	No change to be made. Please refer approved makes in Tender Document.
30	Page no 67, Point no 45		Supply, Installation, testing and commissioning of Presentation Switcher cum Scalar with 4 or more HDMI inputs ,2 or more VGA , 2 or more Audio inputs ; 1 or more HDMI output; 1 HD BaseT (inbuilt or through transmitter) , Deembedded analog audio output, HDCP compliant with EDID management, Auto Switching with seamless switching, Resolution: 1920 x1200 or better, Flexible control options viz Front Panel, with OSD, thernet with built-in webpages complete with all accessories	No change to be made. Please refer approved makes in Tender Document.
			VP-440	

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31	Page no 68 Point no 46		Supply, Installation, testing & commissioning of 7 or more input 4 or more output Digital Scaling Matrix Switcher Supporting resolution of 1920 x1200 with 2x Twisted Pair input, 5x HDMI input, 2 x Twisted pair output (HD baseT), 2 x HDMI output with inbuilt AV control system with 6 or more RS 232 (with additional module acceptable), Ethernet, 1 or more IR/Serial, 2 or more Digital I-O/contact closure ports, 2 or more Relay ports (Flexibility to Expand to more relay ports in future), Memory: SDRAM 512MB & Flash 4GB or more VP-558 + FC-24+FC-28	No change to be made. Please refer approved makes in Tender Document.
32	Page no 68- Point no 46		Supply, Installation, testing & Commissioning of 10inch capacitive Podium mount Touch panel with PoE Adapter compatible and of same make of Digital Scaling Matrix Switcher. KT-10 + K touch advance	No change to be made. Please refer approved makes in Tender Document.
33	Page no 68- Point no 46		Supply, Installation, testing & commissioning of Mommentary Contact button for camera preset recall RC-10TB	No change to be made. Please refer approved makes in Tender Document.
34	Page no 68-Point no 47		Supply, Installation, testing & commissioning of 8 or more button based controller system with volume control knob/ additional dual button for volume up/down with inbuilt or supplied with external controller having 2 or more RS 232 port, 1 or more IR/Serial port, 2 or more relay control, 1 or more digital input Ethernet control port, Controller Memory: 512 MB or better RC-74DL	No change to be made. Please refer approved makes in Tender Document.
35	Page no 68-Point no 48		Supply, Installation, testing and commissioning of iPad as secondary wireless Touch control Panel for all wireless connectivity / controlling, supplied with Control app for button based controller docking station to all complete with all accessories IPAD + K touch Standard	No change to be made. Please refer approved makes in Tender Document.
36	Page no 68-Point no 49		Supply, Installation, testing & Commissioning of cable cubby with Tilt up lid, Black annodised or powder coated finish, pass through holes for HDMI & VGA, audio connectivity, Multiregion AC Power TBUS-3XL + with other accessories	No change to be made. Please refer approved makes in Tender Document.

REPLIES TO PREBID QUERIES

Ser No	Clause/Section Reference	Tender Stipulations	Contractor's Query	Reply
37	Page no 68-Point no 50		Supply, Installation, testing and commissioning of Collaboration Wireless Presentation System with HDMI/ Display Port, VGA/DVI output, Wireless video frame rate of 1080p@30fps or better, showing four or more simultaneous feed via software app/ hardware dongle, Presentation sharing via Ethernet, complete with all accessories VIA Connect PRO	No change to be made. Please refer approved makes in Tender Document.
38	Page no 68-Point no 51		Supply, Installation, testing and commissioning of HDMI Twisted Pair Transmitter with RS232/IR transmitter complete with standard accessories for 70mtrs or more transmitting audio, video, control & power. Data Rate: 10.2 Gbps or more, Resolution: 1920x1200 or more TP-580T	No change to be made. Please refer approved makes in Tender Document.
39	Page no 68-Point no 52		Supply, Installation, testing and commissioning of HDMI Twisted pair Receiver with RS232/IR receiver complete with standard accessories for 70mtrs or more receiving audio, video, control & power, Data Rate: 10.2 Gbps or more, Resolution: 1920x1200 or more compatible to the HDMI twisted pair transmitter TP-580R	No change to be made. Please refer approved makes in Tender Document.
40	Page no 68 Point no 53		Supply, Installation, testing & Commissioning of Three input twisted pair transmitter with 1xVGA,1x Audio, 1x HDMI, 1xHDMI/DVI ,6.75 Gbps or more data rate, resolution support of 1920x1200 or better, supporting distance up to minimum 70mtrs for audio, video, power. Compatible to Scaling switcher as well as Twisted pair HDMI receiver DIP-20	No change to be made. Please refer approved makes in Tender Document.
41	- II Video - Projection and Presentation System		Supply, Installation, testing and commissioning of DLP / 3 LCD Projector with 7000 ANSI Lumens or better ; Resolution : 1920 x 1200 WUXGA; Contrast: 3000:1 or better ; Inputs Min 2 X HDMI / DVI , 1 X HD-Base-T ; 1 X VGA ;HDCP & HD Base-T Compliance ; Control: RJ45 LAN control as communication port ; Lamp life : 3000 Hrs (Eco Mode) or more with appropriate lens required for projection below mentioned projection screen of 297" diagonal from a standard distance (Approx. 17ft) complete with accessories. Please include Panasonic in the list of Approved makes in 7000-8000 lm projector category. Please define the technology specifically. In LCD, we can offer 6500 lm brightness projector. Please change the specification to 6500 lm or better for this requirement.	No change to be made. Please refer approved makes in Tender Document.

REPLIES TO PREBID QUERIES

Ser No	Clause/Section Reference	Tender Stipulations	Contractor's Query	Reply
42			<p>Supply, Installation, testing and commissioning of 3 LCD Projector or better with 4000 ANSI Lumens or better ; Resolution : 1920 x 1200 WUXGA; Contrast: 2500:1 or better ; Inputs Min 1 X HDMI , 1 x DVI /HDMI, 1 X HD-Base-T ; 1 X VGA ; RS232 & RJ45 LAN as Control port ; Lamp life : 3000 hrs Hrs or more with Standard lens complete with standard accessories</p> <p>Request you to make the 1xHD-BaseT input optional for this projector considering its usability in the overall system</p>	<p>Please refer to reply to Point No 21.</p>
43			<p>Addition of PVC Conduit as a BOQ Item</p>	<p>The Item of PVC Conduit (as attached) may please be added as Ser No 66 in the BOQ.</p>