

ATTACHMENT B
IFB 002-27 Musical Equipment, Labs, and Sound Systems

Bidder must provide Musical Equipment, Labs, and Sound Systems as listed in this IFB and on the Bid Cost Form for the Total Cost as stated below. All costs listed on the Bid Cost Form are inclusive, F.O.B. The District will not be responsible for charges that are not included on the Bid Cost Form.

Please enter the brand/model bidding in the designated column below. If bidding an "equal brand," a copy of the manufacturer's specifications must be submitted with the bid.

Category A - Basic Portable System

Item Number	Item	Description	Estimated Quantity	Unit of Issue	Brand/Model Bidding	Installation Cost	Unit Cost	Total
1	Varies	Minimum 600-watt portable PA system consisting of two full-range loudspeakers with minimum 10-inch low-frequency drivers; integrated or detachable mixer with minimum 8 input channels; Bluetooth audio streaming; microphone/line inputs; phantom power; onboard EQ and digital effects; monitor and subwoofer outputs. Package shall include two speaker stands with carrying bag, protective/rolling transport cases, required speaker/audio cables and power cables. Yamaha STAGEPAS 600BT or comparable.	1	EACH				\$0.00
2	SHURE BLX288/SM58 Sennheiser XSW 1-825 DUAL or comparable	Dual-Channel Wireless Vocal Microphone System: Dual-channel UHF wireless receiver with two professional handheld dynamic vocal microphone transmitters; automatic frequency selection/scanning; minimum 250-foot operating range; rack-mount capability; required power supply and audio cabling.	2	EACH				\$0.00
3	Furman M-8X2	Furman M-8X2 - 15A Standard Power Conditioner, 9 Outlets, 1RU, 6Ft Cord	1	EACH				\$0.00
4	Gator-GRW-DRW...	Gator GRW-DRWFD2 - Gator Rackworks Rack Drawer; 14.2" Deep; Lockable; Diced Foam Interior; 2U; for storing wireless microphones	1	EACH				\$0.00
5	Gator-GR-6L	Gator GR-6L - Molded PE Rack Case; Front and Rear Rails, 6U. 19" Deep, Locking	1	EACH				\$0.00
6	RM-SERVICE	Mount wireless, rack drawer, casters on subs prior to shipping	1	EACH				\$0.00
7	Varies	Standard 19-inch, 1U black rack panel, black finish. Panel may include district approved system identification or support/contact labeling.	1	EACH				\$0.00

Category B - BEST Portable System for Gymnasium/Outdoor use with 2 subwoofers and 4 wireless microphones

Item Number	Item	Description	Estimated Quantity	Unit of Issue	Brand/Model Bidding	Installation Cost	Unit Cost	Total
1	Varies	High-Output Portable PA System Package: Portable PA system with Bluetooth consisting of two full-range loudspeakers, mixer with minimum 8 channels, two powered 18-inch subwoofers, speaker poles/stands, protective covers or cases, casters for subwoofers, audio extension cables, interconnect cables and power cables. Each subwoofer shall provide a minimum 1,500 watts dynamic/peak amplifier power and be designed for gymnasium, outdoor event and large-room applications.	1	EACH				\$0.00

Item Number	Item	Description	Estimated Quantity	Unit of Issue	Brand/Model Bidding	Installation Cost	Unit Cost	Total
2	SHURE BLX288/SM58 Sennheiser XSW 1-825 DUAL or comparable	Dual-Channel Wireless Vocal Microphone System: Dual-channel UHF wireless receiver with two professional handheld dynamic vocal microphone transmitters; automatic frequency selection/scanning; minimum 250-foot operating range; rack-mount capability; required power supply and audio cabling.	2	EACH				\$0.00
3	Furman M-8X2	Furman M-8X2 - 15A Standard Power Conditioner, 9 Outlets, 1RU, 6Ft Cord	1	EACH				\$0.00
4	Gator-GRW-DRW...	Gator GRW-DRWFD2 - Gator Rackworks Rack Drawer; 14.2" Deep; Lockable; Diced Foam Interior; 2U; for storing wireless microphones	1	EACH				\$0.00
5	Gator-GR-6L	Gator GR-6L - Molded PE Rack Case; Front and Rear Rails, 6U, 19" Deep, Locking	1	EACH				\$0.00
6	RM-SERVICE	Mount wireless, rack drawer, casters on subs prior to shipping	1	EACH				\$0.00
7	Varies	Standard 19-inch, 1U black rack panel, black finish. Panel may include district approved system identification or support/contact labeling.	1	EACH				\$0.00

Category C - Classroom Sound Equipment (Turn-Key)

Item Number	Item	Description	Estimated Quantity	Unit of Issue	Brand/Model Bidding	Installation Cost	Unit Cost	Total
1	Varies	Classroom Audio Playback System: Complete installed classroom audio system consisting of rack-mount mixer with Bluetooth connectivity; two commercial/professional-grade 10-inch two-way loudspeakers; compatible wall-mount brackets; appropriately sized amplification; one powered 18-inch subwoofer; and all required audio, speaker and power cables. Components shall be properly matched by the manufacturer/vendor for safe and reliable operation.	1	EACH				\$0.00
2	Zoom-Q8n-4K	Zoom Q8n-4K - Q8n-4K Ultra High Definition Handy Video Recorder	1	EACH				\$0.00
3	Zoom-MA-2	Zoom MA-2 - Mic Clip Adapter	1	EACH				\$0.00
4	Denon-DN-300Z	Denon DN-300Z - CD/Media Player with SD/USB/Bluetooth/AM/FM and Balanced Outputs, includes remote control	1	EACH				\$0.00
5	Furman M-8S	Furman M-8S - 15A Standard Power Conditioner W/Power Sequencing, 9 Outlets, 1RU, 10Ft Cord	1	EACH				\$0.00
6	Varies	12U Wall-Mount Equipment Rack: Commercial-grade 19-inch equipment rack; minimum 12 rack spaces; locking transparent or Plexiglas front door; removable side panels; ventilation; swing-out or equivalent service access; and minimum 2U locking rack drawer.	1	EACH				\$0.00
7	MHR-122	Hosa MHR-122 Microphone Clip, Spring-clip	1	EACH				\$0.00
8	CMR-206	Hosa CMR-206 Stereo Breakout, 3.5 mm TRS to Dual RCA, 6 ft; iPod cable	1	EACH				\$0.00

Item Number	Item	Description	Estimated Quantity	Unit of Issue	Brand/Model Bidding	Installation Cost	Unit Cost	Total
9	Gator-GFW-MIC-2010	Gator Frameworks GFW-MIC-2010 - Frameworks Tripod Mic Stand with Single Section Boom and standard twist clutch.	1	EACH				\$0.00
10	Shure SLX-D+/SM35 or comparable	Digital Wireless Headset Microphone System: Professional digital wireless system consisting of rack-mount receiver, bodypack transmitter and professional head worn condenser microphone; minimum 24-bit digital audio; rack-mount hardware; required antennas, power supply and audio cable; microphone cable shall be detachable/replaceable.	1	PACKAGE				\$0.00
11	Varies	Standard 19-inch, 1U black rack panel, black finish. Panel may include district approved system identification or support/contact labeling.	1	EACH				\$0.00
12	RM-SERVICETRAIN	Complete Installation and Overview Training	1	EACH				\$0.00

Category D - Romeo Music Recording Studio (Turn-Key)

Item Number	Item	Description	Estimated Quantity	Unit of Issue	Brand/Model Bidding	Installation Cost	Unit Cost	Total
1	Allen & Heath CQ-18T or comparable	Digital Recording/Mixing System: Professional digital mixer/control surface with a minimum of 16 microphone/line inputs; stereo main outputs; minimum 6 auxiliary/monitor outputs; multichannel USB audio interface; onboard digital signal processing and effects; multitrack recording and playback capability; touchscreen or equivalent integrated control interface; and remote-control capability via computer/tablet. Include all required power supplies and rack-mount hardware, if applicable.	1	PACKAGE				\$0.00
2	Varies	Headphone Distribution System: Professional rack-mount headphone distribution/amplifier system capable of providing independent headphone monitoring for a minimum of 6 users. System shall include multiple headphone outputs with individual level controls and all required audio interconnect cables and rack-mount hardware.	1	PACKAGE				\$0.00
3	Varies	Acoustic Treatment Package: Professional acoustic treatment package appropriately designed and sized for the recording studio space. Package shall include broadband absorption panels, bass-frequency treatment and other acoustic treatment necessary to support recording, mixing and critical listening. Vendor shall provide treatment placement/layout based upon room dimensions and shall include all required mounting hardware.	1	PACKAGE				\$0.00
4	Varies	Recording Studio Software Package: Professional music and media production software package compatible with the specified computer system. Package shall include professional digital audio workstation software, video editing software, music notation software, virtual instruments, synthesizers, effects/processors and professional sound/sample libraries. Licenses shall be suitable for educational/institutional use where available. Logic Pro, Final Cut Pro, Pro Tools, Native Instruments Komplete, or comparable applications as specified/approved by the District.	1	PACKAGE				\$0.00

Item Number	Item	Description	Estimated Quantity	Unit of Issue	Brand/Model Bidding	Installation Cost	Unit Cost	Total
5	ADAM Audio T-Series or comparable.	5.1 Studio Monitoring System: Professional active studio monitoring system configured for 5.1 surround monitoring. Package shall include five matched powered studio monitors, one compatible powered studio subwoofer, appropriate monitor/surround stands and all required balanced audio cables.	1	PACKAGE				\$0.00
6	Yamaha MONTAGE M8x or comparable	88-Key Professional Music Production Synthesizer Package: Professional 88-key music production synthesizer/workstation with fully weighted, velocity-sensitive keyboard; polyphonic aftertouch or comparable expressive control; multiple synthesis/sound engines; color touchscreen; USB MIDI/audio connectivity; and professional audio outputs. Package shall include compatible sustain pedal, volume/expression pedal and heavy-duty keyboard stand.	1	PACKAGE				\$0.00
7	Varies	Professional Studio Furniture Package: Professional recording/production studio furniture package consisting of a studio workstation/console with integrated equipment rack bays providing a minimum of 16 total rack spaces; monitor/display mounting capability; cable management; equipment storage/rack drawers; additional side rack/storage as required; blank rack panels; and two adjustable ergonomic mesh task chairs with arms.	1	PACKAGE				\$0.00
8	Apple Mac mini with M4 Pro or later/equivalent professional workstation.	Studio Computer Package: Professional studio computer with current-generation processor suitable for multitrack audio production and 4K video editing; minimum 24GB unified memory or 32GB RAM; minimum 1TB internal SSD storage; high-speed USB-C/Thunderbolt connectivity; Gigabit Ethernet; Wi-Fi and Bluetooth; minimum 27-inch 4K display; keyboard and mouse; required USB-C/Thunderbolt hub or dock; and minimum 3-year manufacturer protection/warranty plan.	1	PACKAGE				\$0.00
9	Varies	75-Inch Studio Display Package: Minimum 75-inch 4K UHD professional/commercial display or OLED-equivalent display suitable for studio monitoring, video playback and instructional use. Package shall include compatible wall mount, required HDMI/display cabling, mounting hardware and installation accessories	1	PACKAGE				\$0.00
10	Audio-Technica AT4033a or comparable.	Large-Diaphragm Cardioid Condenser Microphone: Professional side-address cardioid condenser microphone suitable for studio vocal and instrument recording; transformerless or equivalent low-noise design; minimum frequency response approximately 30 Hz–20 kHz; microphone clip/shock mount and protective case included.	2	PACKAGE				\$0.00
11	AKG C414 XLS matched pair or comparable	Matched Pair Multi-Pattern Condenser Microphones: Factory-matched pair of professional large-diaphragm condenser microphones with selectable polar patterns suitable for stereo recording of vocals, instruments and ensembles. Include shock mounts, windscreens and protective carrying/storage case.	2	EACH				\$0.00

Item Number	Item	Description	Estimated Quantity	Unit of Issue	Brand/Model Bidding	Installation Cost	Unit Cost	Total
12	Shure KSM137 stereo pair or comparable	Matched Pair Small-Diaphragm Condenser Microphones: Matched pair of professional small-diaphragm cardioid condenser microphones suitable for stereo instrument and ensemble recording. Package shall include two microphones, windscreens, stereo microphone adapter/bar and protective carrying case.	6	EACH				\$0.00
13	Shure SM57 or comparable	Dynamic Instrument Microphone: Professional cardioid dynamic microphone suitable for instrument, amplifier and general studio recording. Include microphone clip and protective storage pouch.	3	EACH				\$0.00
14	Samson SR550 or comparable	Professional Studio Headphones: Closed-back, over-ear studio monitoring headphones suitable for recording and tracking; padded adjustable headband; professional audio connector/adaptor as required.	2	EACH				\$0.00
15	Gator Frameworks GFW-MIC-2010 or comparable	Professional Boom Microphone Stand: Heavy-duty tripod microphone stand with adjustable single-section boom arm, standard microphone threading and durable height-adjustment mechanism suitable for studio use.	1	EACH				\$0.00
16	Varies	Studio Pop Filter: Professional minimum 6-inch dual-layer microphone pop filter with adjustable gooseneck or equivalent positioning mechanism and stand-mount clamp.	1	EACH				\$0.00
17	Radial ProD2 or comparable	Passive Stereo Direct Box: Professional passive two-channel/stereo direct box with two 1/4-inch instrument inputs, balanced XLR outputs and thru outputs; transformer-isolated or equivalent professional design.	1	EACH				\$0.00
18	Radial ProDI or comparable	Passive Mono Direct Box: Professional passive single-channel direct box with 1/4-inch instrument input, balanced XLR output and thru output; transformer-isolated or equivalent professional design.	1	PACKAGE				\$0.00
19	Pro CO SMA Series or comparable	16-channel Audio Snake: Professional minimum 16-channel audio snake with minimum 4 return channels, minimum 25-foot cable length, durable stage box and fan-out connectors suitable for professional studio use.	1	PACKAGE				\$0.00
20	Varies	Standard 19-inch, 1U rack panel with durable black finish. Panel may include District-approved system identification or technical support/contact labeling.	1	EACH				\$0.00
21		Complete Recording Studio Cable and Connectivity Package: All professional-grade balanced audio cables, microphone cables, instrument cables, monitor interconnects, USB/Thunderbolt/data cables, video/display cables, extension cables, power cables, adapters, connectors, cable management and other interconnect materials required for complete operation of all equipment included in the recording studio. Quantities and cable lengths shall be determined by the vendor based on the approved equipment configuration and room layout.	1	PACKAGE				\$0.00

Item Number	Item	Description	Estimated Quantity	Unit of Issue	Brand/Model Bidding	Installation Cost	Unit Cost	Total
22		Complete Installation, Integration, Testing and Training: Complete turn-key installation and integration of all recording studio equipment. Includes equipment assembly; rack mounting; furniture assembly; computer and display setup; software installation and activation; microphone, monitor, mixer and headphone-system integration; acoustic treatment installation; cable routing and management; system configuration; testing of all equipment and signal paths; cleanup; and overview training for District staff. Vendor shall provide a fully operational recording studio upon completion.	1	PACKAGE				\$0.00

Category E - Romeo Music Flagship Piano Lab (Turn-Key)

Item Number	Item	Description	Estimated Quantity	Unit of Issue	Brand/Model Bidding	Installation Cost	Unit Cost	Total
1	HP-704-CHC	Professional upright-style digital piano with Bluetooth audio/MIDI capability; advanced piano modeling/sound engine; 88-key weighted hammer-action keyboard with escapement and hybrid wood/composite or comparable premium key construction; integrated multi-speaker sound system; three-pedal unit; music rest; matching bench; headphone connectivity; USB connectivity. Freight included!	31	EACH				\$0.00
2	Yamaha LC4-Base	Group piano instruction/communication system supporting a minimum of 8 student stations plus 1 instructor station. System shall provide teacher-to-student, student-to-teacher, group and class communication; individual student monitoring; headset/headphone connectivity; and all required instructor/student interface hardware.	1	EACH				\$0.00
3	LC4-Exp	Yamaha LC4EXP - 8-student expansion for LC4BASE or LC3BASE PLUS. Expansion package providing connectivity and instructional communication capability for an additional 8 student stations, fully compatible with the proposed base group piano lab system.	3	EACH				\$0.00
4	LC4-WiFi Kit	Yamaha LC4WIFI KIT: Optional WiFi connection kit allows for wireless control of LC4 from an iPad. iPad control and the LC4WIFI KIT are not compatible with older labs (LC2/LC3)	1	PACKAGE				\$0.00
5	Apple-iPad-9.7-32...	Apple iPad with case. Current-generation tablet compatible with the proposed group piano lab control system; minimum 64GB storage; Wi-Fi; protective case; charger/power adapter.	1	EACH				\$0.00
6	Furman M-8X2	Furman M-8X2 - 15A Standard Power Conditioner, 9 Outlets, 1RU, 6Ft Cord	1	EACH				\$0.00
7	CRS12	Odyssey CRS12 - 12U Carpet Studio Rack, 21 W x 13 D x 25 H	1	EACH				\$0.00
8	CPBS-X1	Complete professional classroom audio playback system consisting of two minimum 8-inch full-range loudspeakers; compatible amplification; wall-mount hardware; Bluetooth or equivalent wireless audio capability; and all required audio, speaker and power cables	1	EACH				\$0.00

Item Number	Item	Description	Estimated Quantity	Unit of Issue	Brand/Model Bidding	Installation Cost	Unit Cost	Total
9	1U Blank Rack Panel	Standard 19-inch, 1U blank rack panel with durable black finish. Panel may include District-approved system identification or technical support/contact labeling.	1	EACH				\$0.00
10	INSTALL-MISC	All cables, connectors, adapters, mounting hardware, raceway, cable-management materials, fasteners, labels and miscellaneous materials necessary to provide a complete professional installation.	1	EACH				\$0.00
11	Complete Installation, Integration, Testing, and Training	Complete turn-key installation of the piano lab, including unboxing and assembly of pianos and benches; placement according to approved room layout; installation and routing of group-lab cabling; installation of expansion hardware; wireless/tablet system configuration; headphone setup; system integration and testing; cable management; cleanup; and overview training for District staff.	1	PACKAGE				\$0.00

Category F – MIDI Technology Lab – Turn-Key

Item Number	Item	Description	Estimated Quantity	Unit of Issue	Brand/Model Bidding	Installation Cost	Unit Cost	Total
1	MX-61-SP	Yamaha MX-61 - 61 Note Music Production Synth; Motif XS sounds, USB Audio/MIDI connectivity and advanced DAW/VST controller, Black; includes piano-style sustain pedal	16	EACH				\$0.00
2	Maschine-MK3	Native Instruments Maschine MK3 Production and Performance System with Komplete Select Groove Production Control Surface and 24-bit/96kHz USB 2.0 Audio Interface with Groove Production Software, 8GB of Samples, and Komplete Select Software Bundle - Mac/PC, AAX Native, VST, AU	16	EACH				\$0.00
3	Korg GEC5 or comparable	Digital group instruction/communication system supporting a minimum of 16 student stations plus instructor station. System shall provide individual student monitoring; instructor-to-student, instructor-to-group and all-class communication; student headphone connectivity; digital audio routing; computer/tablet control capability; student interface units; instructor control unit; headphones; wireless network equipment; compatible tablet and mounting hardware required for complete operation.	1	PACKAGE				\$0.00
4	Apple-iMac-24-M1-1TB	Apple M1 chip with 8-core CPU with 4 performance cores and 4 efficiency cores, 7-core GPU, and 16-core Neural Engine 16GB unified memory 1TB SSD storage Two Thunderbolt / USB 4 ports Magic Mouse Magic Keyboard - US English	16	EACH				\$0.00
5	APPLECARE-iMac	AppleCare for iMac - OSX Auto Enroll	16	EACH				\$0.00
6	Startech-USBC Hub	StarTech HB30C4AB 4 Port USB C Hub - USB-C to 4x A - USB 3.0 Hub - Bus Power	16	EACH				\$0.00

Item Number	Item	Description	Estimated Quantity	Unit of Issue	Brand/Model Bidding	Installation Cost	Unit Cost	Total
7	RAB-Pr-48	RAB Audio ProRak 48 with 3U per side Over-bridge, workstation desk with sliding shelf for MX49 keyboard	16	EACH				\$0.00
8	Wayfair-OTG1014	Offices To Go Midback Desk Chair	16	EACH				\$0.00
9	Logic Pro	Apple Logic Pro	16	EACH				\$0.00
10	Finale 27 - SL-5-29	Finale v27 Site License - Finale v27 Site License 5 - 29 Stations Download	16	EACH				\$0.00
11	Classroom Audio Playback System	Yamaha CBR10 10" Passive Loudspeakers or Electro-Voice SX300PIX, Crown XLi 800 Two-Channel Power Amplifier, On-Stage wall mount speaker brackets/heavy duty stands, Hosa Pro 14-Gauge Speaker Cables (Speakon to Speakon/1/4". Alternative must be comparative.	1	EACH				\$0.00
12	Kensington-DesktopLock	Kensington Desktop Perp 2.0 On Demand Lock Master Key On Demand	16	EACH				\$0.00
13	Furman M-8S	Furman M-8S - 15A Standard Power Conditioner W/Power Sequencing, 9 Outlets, 1RU, 10Ft Cord	1	EACH				\$0.00
14	Furman M-8X2	Furman M-8X2 - 15A Standard Power Conditioner, 9 Outlets, 1RU, 6Ft Cord	15	EACH				\$0.00
15	RM-CBLPKG-MTLAB-16	Romeo Music Cable Package for 16 Station Music Technology Lab (If an alternative brand is provided, it must be comparable to the specified brand.)	1	EACH				\$0.00
16	1U Blank Rack Panel	Standard 19-inch 1U blank rack panel with durable black finish for student workstation equipment racks. Blank, Color Engraved, with tech support contact information	16	EACH				\$0.00
17	Strong-SR-BLNK-2U	Strong Blank 2U Rack Panel - 2 for each student desk	30	EACH				\$0.00
18	Strong-SR-BLNK-1U	Strong Blank 1U Rack Panel; teacher	1	EACH				\$0.00
19	INSTALLATION	All rack hardware, fasteners, cable-management components, connectors, adapters, raceway, labels and miscellaneous finishing materials necessary to provide a complete, secure and professional installation.	1	EACH				\$0.00
20	RM-SERVICETRAIN	Complete installation of the Music Technology system in the room - includes assembly of furniture, unboxing and placement of computers and keyboards, software installation, hardware installation, GLC installation and complete testing of equipment; overview training	1	PACKAGE				\$0.00

Category G - Music Technology Lab Stations - PC Theory Stations - Turn-Key

Item Number	Item	Description	Estimated Quantity	Unit of Issue	Brand/Model Bidding	Installation Cost	Unit Cost	Total
1	Professional Music Theory/Product on PC	Business/professional-grade desktop computer suitable for music theory, notation and audio-production applications; current-generation Intel Core i7-class, AMD Ryzen 7-class processor or comparable/better; minimum 12 processing cores or equivalent performance; minimum 32GB RAM; minimum 2TB total solid-state storage; Windows 11 Pro 64-bit; high-speed USB connectivity including USB-C; Gigabit Ethernet; Wi-Fi and Bluetooth; keyboard and mouse; system recovery capability; and minimum three-year manufacturer warranty. System must meet or exceed the recommended requirements of all music software to be used by the District.	1	EACH				\$0.00
2	ASUS-VA24EHE	SUS VA24EHE Eye Care Gaming LCD Monitor - 23.8 inch, Full HD, IPS, Frameless, 75Hz, Adaptive-Sync, Low Blue Light, Flicker Free	1	EACH				\$0.00
3	HDMI-6	Steren 6' HDMI cable	1	EACH				\$0.00

Bidder/Firm: _____

Authorized Signature: _____ Printed Name: _____

Title: _____ Date: _____