

Tender No:  
KDUSC/PRO/CAP/028/2021

M/S.....  
.....  
.....



General Sir John Kotelawala Defence University,  
Southern campus, Edison Hills,  
Nugegalayaya, Sewanagala, Sri Lanka.  
Adjutant 0473624894  
Procurement Officer 0473624893  
Fax 0473620811  
[www.kdu.ac.lk](http://www.kdu.ac.lk)

15 January 2022

## **INVITATION TO BID AND GENERAL CONDITIONS OF TENDER**

1. The Rector of the General Sir John Kotelawala Defence University – Southern Campus, as the Chairman, Department Procurement Committee invites Bid/s from prospective Bidders for supply of **items listed and specifications of the items are indicated in Annex “A”.**

2. **CLOSING DATE & TIME.** The tender will close at 1000hrs on 03/02/2022. Any Bid submitted after the closing time of the tender will be rejected & unopened such bids will be returned to the bidder.

3. **VALIDITY OF BID.** The bid submitted under this tender **must be valid for a period of 120 days from the date of closing of tender.**

4. **VALUE ADDED TAX.** The Bidders who bid for locally delivered items must have the VAT registration. The VAT portion must be shown separately in the price schedule in Annex “A” and VAT registration number must be indicated. If the quoted item is exempted from VAT or Bidding Company is not liable for VAT, reference number and date of relevant Act number/Gazette notification/a certificate (as applicable) **issued for the current financial year** from the Commissioner General of Inland Revenue to that effect should be submitted along with the Bid.

5. **BID SUBMISSION.** The **bidder must duly sign at the last page (before Annexes) of this document** indicating the name of the signatory and the name of the company & place the company common seal to confirm the acceptance of tender conditions. **The Bid/s that do not include authorized signature will be rejected.** The Bid/s duly signed by the bidder enclosed and sealed in an appropriate cover addressed to the following address should be sent by registered post or could be deposited in the **appropriate tender box placed at General Sir John Kotelawala Defence University- Southern Campus, Edison Hills, Nugegalayaya, Sewanagala.** (at the Main Entrance of General Sir John Kotelawala Defence University) on or before the time & date specified for the closing of tender. **The tender reference number, date & time of closing tender should be indicated & underlined at the top left corner of the envelop.**

6. **BID OPENING.** All duly received bids **will be opened immediately after the scheduled closing time of Bids at the same venue.** Bidders or their accredited agents could be present at the time of opening of bids.

7. **PRICES.** For locally delivered items (including locally manufactured items & foreign items imported by the bidders) price must be quoted in Sri Lankan Rupees, inclusive of all charges for delivery of items to General Sir John Kotelawala Defence University- Southern Campus stores at Sewanagala. **Unit price, VAT and Total price should be clearly indicated in schedule in Annex “A”.**

8. **DELIVERY.** Preference will be given for early delivery. In case of bulk supplies for locally manufactured items, the delivery of **total quantity must be completed within 120 days of signing of contract,** unless mutually agreed for extended delivery period with General Sir John Kotelawala Defence University. **The bidder/s must indicate the proposed delivery schedule in Annex “E”.** In the event of placing a purchase order with the successful bidder, the total quantity so ordered must be supplied as one consignment unless part deliveries are agreed upon in the contract. The deliveries not made as per agreed delivery schedule will be considered as bad performances by the suppliers and **no extended delivery period will be authorized.**

9. **PAYMENT TERMS FOR LOCALLY DELIVERED ITEMS.** Payment will be made after acceptance of items which should be subjected to a pre-acceptance inspection/testing by General Sir John Kotelawala Defence University authorities. Any item that does not confirm to the specifications or already approved sample will be rejected & it is the responsibility of the supplier to remove them from General Sir John Kotelawala Defence University stores/premises within 07 working days of such intimation (either verbal or written) at his own cost and replace them with items conforming to specification within one month of such rejection.

10. **Special Instruction SAMPLES/PAYMENT OF TESTING CHARGES.**

When it is required to submit samples, **every offer** must be accompanied with pre - marked samples. The marking of samples **indicating the Bidder & Offer number** must be done and the samples must be handed over to the officer at same place where tender box is placed **on or before the closing date & time of the Bid.** Samples submitted after closing time of the Bid will be rejected. When the testing charges are required to be paid, bidders shall pay testing charges separately **for all offers** indicated in their bid/s.

(i) **Samples.** Please submit..... Samples.

(ii) **Testing Charges.** A sum of Rs. .... **per offer** must be paid to the Assistant Bursar of KDU, prior to the submission of bid and a copy of the receipt must be annexed to the bid. It is the responsibility of bidder to inform the Cashier of the Account Office to note the tender number on the receipt issued for such payments.

11. **RIGHTS OF THE PROCUREMENT COMMITTEE**. The General Sir John Kotelawala Defence University – Southern Campus Procurement Committee reserve the right to **accept or reject** whole or part of this tender and their decision will be final. The successful bidders will be notified. Information with regard to rejected or unsuccessful bids will not be communicated.

Thanking You,  
Yours Faithfully,

  
**For Rector**  
**General Sir John Kotelawala Defence University**  
**Southern Campus**

I/We agree to abide by the conditions of tender and undertake to supply the items as per delivery schedule mentioned in the contract, in the event of an order been placed with me/my firm/company as a result of this tender.

.....  
Signature

.....  
Name of Signatory

NIC:.....

.....  
Name of the Company/Bidder

Date :- .....

Company seal

KDUSC/PRO/CAP/028/2021

Annex "A"

SR/ NO	Description	Deno mination of Qty	Qty Required	Country/ Brand Or Origin	Unit Price	Total Price
	<u>PURCHASE OF 16 CHANNEL AUDIO MIXER FOR SIGNAL ROOM - SOUTHERN CAMPUS</u>					
1	16 Channel Audio Mixer (Specifications attached as Annex "B" & "C")	No's	1			
	Note : Minimum 2 Years Warranty					
	VAT: ..... (08%)					
	Grand Total:.....					
	Warranty:.....					
	Make Model & Country					
	* Please Indicate The Unit Price After All Possible Discount					

- I. Validity of Offer  
 II. Delivery Period  
 III. Credit Period  
 IV. Discount if any  
 V. Ex- Stock availability

.....  
 Rubber Stamp of the Firm

.....  
 Signature of Authorized Officer

Name:.....  
 T/Phone No:.....  
 E mail : .....

Registration No:.....



## SPECIFICATION FOR AUDIO MIXERS

Design	19" module frame, 6 RU
Dimensions	265 mm . 482 mm . 410 mm (width x height x depth, approx., without connectors and handles)
Slots	21, incl. 12 DSP card slots
DSP cards	1 to 7 per audio mixing console
Latency	< 1.5 ms @ 48 kHz/s < 1 ms @ 96 kHz/s (incl. A/D and D/A conversion on the NEXUS network)
Power supply units	110-240 V, 50-60 Hz, 30 A each, single-phase, phase redundancy supported
Redundancy options	Power supplies, matrix, controller cards, DSP (user-configurable), optical links on the NEXUS network, links to the console
Cards	Hot-swap-enabled, fully operable 2-3 seconds after installation
RMCQ	Console controller, provides DSP core functions
RMDQ	DSP card, 1-7 cards per console
RCX	Router controller and matrix, optionally 2nd RCX card for redundancy
RMF	MADI interface
RIF67	AES67 / Ravenna
RFOC	Optical interface to NEXUS base devices, 4 SFP ports receiving SM or MM fibers
RPSU	Power supply, 110-240 V, 50-60 Hz, 30 A
RMC interface	LTC, MIDI, RS232, RS422
RCX interface	9-Pin, USB, ETH
<i>Audio and Control Performance</i>	
Channel strips with 2 inputs (A/B)	Panels with 12 operating strips each (12-96 strips in total per console)



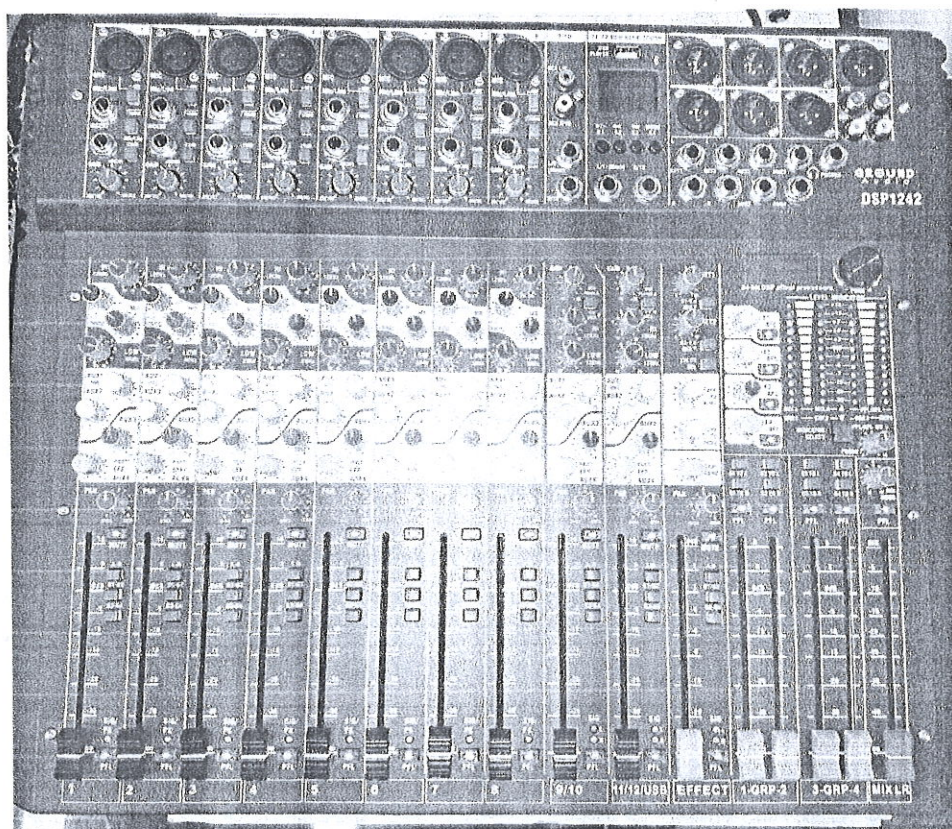
Summing buses	Up to 128 freely programmable buses (dependent upon number of DSP cards and configured channels)
Input channels	Approx. 800 (dependent upon number of DSP cards and configured buses)
Algorithms	40-bit floating-point, minimum latency, all channels summed with single-sample accuracy, identical latency across all DSP channels guaranteed
Sample rates	44.1 / 48 / 88.2 / 96 kHz
Interfaces	All audio I/Os on the NEXUS network – access to all GPIOs, serial, and Ethernet links

Microphone and line A/D converters	TrueMatch®, 32-bit resolution, 158 dB(A) dynamics
Line A/D converters	TrueMatch®, 32-bit resolution, 135 dB(A) dynamics
D/A converters	24-bit resolution, 131 dB(A) dynamics
GPIO card	Optional components: GPIO feat. 16 optocoupler inputs plus 16 semiconductor relay outputs (max.) on 25-pin D-Sub port, common-potential or floating-pair configurations supported, input and output filters for noise suppression
Star Router connectivity	Optical (optional redundancy) 1 Gbps over 50/125-µm fiber, 800 meters range, LC duplex ports

Dimensions		12-fader console	24-fader console	36-fader console	48-fader console	60-fader console	72-fader console
Number of panels	1	2	3	4	5	6	



Operating depth (approx.)	700 mm	700 mm	700 mm	700 mm	700 mm	700 mm
Depth (total)	913 mm	913 mm	913 mm	913 mm	913 mm	913 mm
Console height	406 mm	406 mm	406 mm	406 mm	406 mm	406 mm
Height incl. legs	1.066 mm	1.066 mm	1.066 mm	1.066 mm	1.066 mm	1.066 mm
Width (incl. slim side panels)	593 mm	1.095 mm	1.597 mm	2.099 mm	2.601 mm	3.103 mm





## SPECIFICATION FOR AUDIO MIXERS

The Soundcraft EFX™ Series combines all the features of the popular Soundcraft EPM™ mixer with a built-in 24-bit, digital Lexicon® effects processor, expanding the Soundcraft low-cost, multipurpose compact range.

*Recommended for: ✓ Houses of Worship ✓ Music Venues ✓ Musicians & Bands ✓ Theatres*

The Soundcraft EFX™ Series combines all the features of the popular Soundcraft EPM™ mixer with a built-in 24-bit, digital Lexicon® effects processor, expanding the Soundcraft low-cost, multipurpose compact range.

The Soundcraft EFX mixer uses the same AudioDNA® processor featured in many of the Digitech® and Lexicon outboard equipment including the highly respected Lexicon MX400 processor. With over 35 years experience, the Lexicon name is synonymous with the best reverb and processing in the business, ensuring the finest quality effects not usually found in a console at this price level.

The Effects section fits neatly into the mixers compact framework which is available in 8 or 12 mono input variants, both with 2 stereo channels and an effects send on each channel. There are 32 effects to choose from with a tap tempo function, 3 effects parameter controls and a user effects setting store facility. An effects channel level clip LED and Mute function gives the user even more flexibility.

The emphasis with the Soundcraft EFX is very firmly on quality build and audio performance, with an easy to understand control surface in line with the Soundcraft professional range. The Soundcraft EFX uses the highly-transparent GB30 Mic amp (designed by Graham Blyth for the company's 30th anniversary, and also used on the larger LX7ii and GB Series professional consoles). The Soundcraft EFX also offers all the features of the Soundcraft EPM most notably a configurable aux send, XLR and ¼" metal jack connector sockets, RCA phono stereo playback inputs and record outputs, 3-band EQ with a swept mid on the mono inputs, 3-band EQ on the 2 stereo inputs, TRS insert sockets, inserts on all mono inputs, ten-segment LED output metering and a headphone output.

### Features

- 8+2 and 12+2 channel frame sizes
- Built-in 24 bit Lexicon digital effects processor
- 32 FX settings
- Tap Tempo and FX setting store function
- 1 FX send on each channel
- 1 configurable auxiliary bus
- XLR-type and ¼" metal jack connector sockets



- RCA phono stereo playback inputs and record outputs
- 3-band EQ with a swept mid on mono inputs
- 3-band EQ on stereo inputs
- TRS insert sockets and inserts on all mono inputs
- Ten-segment LED output metering
- Intuitive and comprehensive solo system
- Headphone output
- Easily rack mountable
- Custom Karaoke preset

The Soundcraft EFX will find itself in many applications including live music, recording, houses of worship and multi-speaker installations.