

Tender No:

KDU/PRO/CAP/ 104 /2020



General Sir John Kotelawala Defence University,
Kandawala Estate, Ratmalana,
Sri Lanka.
T: Phone: 2632028 , 2622995
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Web: www.kdu.lk

16 / 07 / 2020

INVITATION TO BID AND GENERAL CONDITIONS OF TENDER

1. The Vice Chancellor of the General Sir John Kotelawala Defence University, as the Chairman, Department Procurement Committee Invites Bid/s from prospective Bidders for supply of **item/s listed in the schedule in Annex “A”. The relevant specifications of the item/s are indicated in Annex “B”.**

2. **CLOSING DATE & TIME.** The tender will close at 1000 hrs. on 11 / 08 /2020. 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. **BID BOND / GUARANTEE.**

(a) If the quoted bid value exceeds Rs: 2,000,000.00, such Bids should be accompanied with 1% of Bid Value an “on demand” and “unconditional” Bid Bond/Guarantee for a sum of **Rs:** in the format given in Annex “C” through a recognized local Bank or Insurance Company registered in Sri Lanka which is authorized by the Insurance Board of Sri Lanka to issue such Bid Guarantees. All Bid Bond/Guarantees should be valid for at least 30 days more than the validity period of bids, ie, for 150 days from the date of Bid opening. **Cheques will not be accepted as Bid Guarantee.**

(b) Submission of insufficient Bid Bond/Guarantee value or period will be considered as a “**major deviation**” and such offer will not be considered for further procurement action and will be rejected.

5. **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.

6. **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, Kandawala Estate, Ratmalana** (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.**

Tender Ref No :.....

Closing Date & Time :.....

The Chairman,
Department Procurement Committee,
General Sir John Kotelawala Defence University,
Kandawala Estate, Ratmalana,
Sri Lanka.

7. The Bid/s must be submitted in the attached schedule of prices in Annex “A” as applicable. However, bidders could use similar formats prepared with their own letter heads with all the details mentioned therein and submit in **three copies along with duly signed copy of a General Conditions of tender.** The Bid/s must contain **Technical Literature, Pamphlets, Drawings and Quality Standard Certificate etc** necessary to determine characteristics of items offered and in case of Machinery/Vehicles & Equipment, servicing and workshop data/after sales service, back up facilities or any other facilities provided by the supplier.

8. **SUBMISSION OF 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. The documents such as Air Way Bills etc, will not be accepted in place of samples. When the testing charges are required to be paid, bidders shall pay testing charges separately **for all offers** indicated in their bid/s.

(1) **Samples.** Please submit samples.

(2) **Testing Charges.** A sum of Rs. **per offer** must be paid to the 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.

8. **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.

9. **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 Ratmalana, Faculty of Allied Health Science (FAHS) Werahera and University Hospital Werahera or Southern Campus Sooriyawewa. **Unit price, VAT and Total price should be clearly indicated in schedule in Annex “A”.** Other than VAT, all other type of taxes (eg : NBT, BTT, etc.) should not be indicated separately and should be included in unit price.

10. **RESTRICTED TENDERS.**

Invitation to Bids are circulated among the registered suppliers with Ministry of Defence (MOD), only bids submitted by registered suppliers will be allowed for consideration. However, Chairman, Department Procurement Committee reserves the right to invite the bids from multiple combinations of Procurement Methods as stipulated in Chapter III of the Government Procurement Guideline, 2006 to ensure highest competitiveness.

11. **PERFORMANCE BOND/GUARANTEE.**

A successful bidder shall furnish a Performance Bond/Guarantee in the form of “On Demand” & “Unconditional” Bank/Insurance Guarantee for a sum equivalent to 10% of the contract value for every contract that exceeds Rs. 500,000.00 or equivalent amount in foreign currency through a recognized Commercial Bank registered in Sri Lanka or through an Insurance Company authorized by the Insurance Board of Sri Lanka to issue such Performance Guarantee for this purpose, **within two weeks from the date of notification of award.** The proceeds of the Performance Bond/Guarantee shall be payable to the Vice Chancellor of the General Sir John Kotelawala Defence University as compensation for any loss resulting from the supplier’s failure to complete his performance obligations under the contract. If the contracted supplier fails to deliver the items on time or fails to complete the works as per the agreed contract, **THE TOTAL VALUE OF THE PERFORMANCE BOND/GUARANTEE** will be forfeited. If only partial delivery is made during the agreed contract period, the corresponding value percentage of undelivered quantity from the Performance Bond/Guarantee will be forfeited.

12. **SIGNING OF CONTRACT.**

The notification of award will be transmitted to the successful bidder by post, by fax or e-mail. This notification constitutes the formation of the contract. The successful bidder should submit his written acceptance for the award and performance bond / guarantee (For awards over Rs. 500,000.00 without VAT) within 14 days of receipt of such notification. Upon acceptance of the award and furnishing of the Performance Bond/Guarantee, the successful bidder will have to enter into a formal contract with the Vice Chancellor of the General Sir John Kotelawala Defence University by signing the Contract.

13. **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 “D”.** 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.** Under extreme unavoidable conditions too, the Chairman, Department Procurement Committee (Vice Chancellor of the General Sir John Kotelawala Defence University) reserves the right to grant or refuse delivery period extensions only within the current financial year with or without liquidated claim for delayed deliveries and that decision will be final.

14. **LIQUIDATED DAMAGES.**

In case of delivery period extensions requested by the successful bidder, a sum equivalent to 1% of the total value of the delayed supply per delay of one week or part thereof may be deducted from the payment due to the supplier from the General Sir John Kotelawala Defence University as liquidated damages up to the maximum limit of 12% of the total value of delayed supplies.

15. **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. The delivery made to the General Sir John Kotelawala Defence University should not be considered as quantities taken over by General Sir John Kotelawala Defence University until items are properly accepted after pre-acceptance inspection. Any item that does not conform 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. The bidder shall allow approximately 60-90 days’ period of credit from the date of acceptance of items for Account Office, General Sir John Kotelawala Defence University to obtain liquid cash from General Treasury & release the payment.

16. **RIGHTS OF THE PROCUREMENT COMMITTEE.**

The Department 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,

J D B Galagoda
For Vice Chancellor
General Sir John Kotelawala Defence University

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

.....Name of the Company/Bidder

Date :-

Company seal

SCHEDULE OF PRICES FOR LOCALLY DELIVERED ITEMS

S/N	ITEMS	DENO	QTY	PRICE EACH SLRS	TOTAL PRICE SLRS
	<u>PURCHASE OF LAB EQUIPMENT FOR DEPARTMENT OF CIVIL ENGINEERING (05)</u>				
01	Imhoff Cone (3) With Stand	Nos	01		
02	DO Meter	Nos	01		
03	Photometer (Portable)	Nos	01		
04	*50L Autoclave	Nos	01		
05	*Incubator	Nos	02		
06	*Six place membrain filtration unit	Nos	01		
07	*Colony Counter	Nos	01		
08	*Accessories Absorbent pads Petry dish m – Endo BROTHS (Chemicals) m- FC BROTHS (Chemicals)	Nos Nos grms grms	100 100 100 100		
	TOTAL				
	DISCOUNT				
	TOTAL(AFTER DISCOUNT)				
	VAT %				
	GRAND TOTAL				

(A) OTHER DETAILS

- (i) DELIVERY PERIOD -
- (ii) MAKE & MODEL -
- (iii) VALIDITY PERIOD -
- (iv) WARRANTY PERIOD -
- (v) PAYMENT TERMS - CREDIT
- (vi) COUNTRY OF ORIGIN -
- (vii) DISCOUNT IF ANY -
- (viii) ANY OTHER TAXES -

(B) VAT DETAILS

- VALUE ADDED TAX PERMANENT REGISTRATION CERTIFICATE / VAT EXEMPTION LETTER ISSUED BY DEPARTMENT OF INLAND REVENUE TO BE ATTACHED

(C) PLACE OF DELIVERY

- ITEMS TO BE DELIVERED TO THE "GENERAL SIR JOHN KOTELAWALA DEFENCE UNIVERSITY, KANDAWALA STATE, RATMALANA ALONG WITH THE COPY OF ORDER AND RELEVANT INVOICE.

(D) Any queries / information with regard to this procurement / tender could be obtained from Officer Commanding Logistics Services office at General Sir John Kotelawala Defense University through e-mail ocls@kdu.ac.lk and by telephone number 0112622504 during working hours.

NOTE: UNIT PRICE AND TOTAL PRICE ARE TO BE INDICATED CLEARLY IN THE TENDER, IF NOT QUOTATION WILL BE REJECTED.

SUPPLIER NAME -

ADDRESS -



(E) Bid Reference: KDU/PRO/CAP/ 104 /2020

.....
DATE

Specifications of Imhoff Cone (3) with stand



Imhoff sedimentation cone,

- Colourless cone made from transparent styrene-acrylonitrile S.A.N polymer with moulded graduations
- Complies to DIN 12672
- Graduations from 2 to 1000ml (in mixed graduations)
- The bottom end has a stopper to facilitate removal of sample and cleaning

Product Code	Capacity (ml)	Pack qty
SWX 008	1000	1

Sedimentation rack

- Accepts 3 sedimentation cones side-by-side
- Locating recesses in the base for stability

Product Code	Description	Pack qty
SWX004	treble stand	1

Warranty period & after sales services: Please Specify

Specifications of DO Meter



Features	Required Specification
Dissolved Oxygen (% saturation)	
Sensor Type	Optical (dynamic luminescence quenching lifetime detection)
Range	0 to 500% air saturation
Resolution	0.1% air saturation
Accuracy	0 to 200% air saturation $\pm 1\%$ of the reading or $\pm 1\%$ air saturation, whichever is greater; 200 to 500% air saturation $\pm 10\%$ of the reading
Dissolved Oxygen (mg/L)	
Sensor Type	Optical (dynamic luminescence quenching lifetime detection)
Range	0 to 50 mg/L
Resolution	0.01 or 0.1 mg/L (auto-scaling)
Accuracy	0 to 20 mg/L ± 0.1 mg/L or $\pm 1\%$ of reading, whichever is greater; 20 to 50 mg/L $\pm 10\%$ of the reading
Temperature ($^{\circ}\text{C}$)	
Range	5 to 70 $^{\circ}\text{C}$
Resolution	0.1 $^{\circ}\text{C}$
Accuracy	$\pm 0.2^{\circ}\text{C}$
Barometer (mmHg)	
Range	375 to 825 mmHg
Resolution	0.1 mmHg
Accuracy	± 1.5 mmHg from 0 to 50 $^{\circ}\text{C}$

Storage Temperature	(-20 to 70°C)
Calibration	DO - one point or two point with a zero % value; barometer - one point
Connectors	MS (military spec) waterproof with bayonet lock
Power	2 alkaline C-cells or USB power; approximately 80 hours - ambient conditions in manual sampling mode
Cable length	4 m
Data Memory	5000 data sets (sensor data, date, time, site and user defined information)
Typical Response Time	90% in 25 seconds; 95% in 45 seconds
Certifications	RoHS, CE, WEEE, C-Tick, VCCI, IP-67, 1-meter drop test
Connectivity	USB 2.0; communications saddle and USB cable included
Probe/Sensor Materials	Titanium
Carrying Case, soft-sided	Should be included
Warranty	Two years instrument and six months electrode
Manufacturer Authorization	Manufacturer Authorization Letter should be attached

Specifications of Photometer



Display	Backlit graphic-display
Interfaces	Infrared1 (MD 600), Bluetooth® 4.0 (MD 610), RJ45 socket for Internet updates2
Optics	LEDs, interference filters (IF) and photo sensor in transparent sample chamber
Wavelength	± 1 nm
Accuracy	
Photometric Accuracy*	2% FS (T = 20°C – 25°C)
Photometric Resolution	0.005 A
Operation	Acid and solvent resistant, touch-sensitive keypad with audible feedback via integrated beeper
Warranty Period	Please Specify
Power Supply	4 batteries (Mignon AA/LR6); Operation time:approx. 26 h continuous operation or 3500 tests
Auto-Off	approx. 20 minutes after last keypress with audible signal
Dimensions	approx. 210 x 95 x 45 mm (unit) ,approx. 395 x 295 x 106 mm (case)
Weight (unit)	approx. 450 g
Ambient Conditions	5–40°C at max. 30–90% rel. humidity (non condensing)
Language Selection	German, English, French, Spanish, Italian, Portuguese, Polish, Indonesian ; additional languages via Internet update
Memory Capacity	approx. 1000 data sets

Specification of Top Loading Auto calve

Feature	Required Specification
Chamber Volume	50L or more
Sterilization Temperature	110 to 123 o C
Melting	60 to 100 o C
Interior dimensions (WXH)	400X450 mm (Approximately)
Exterior dimensions (WXDXH)	625X650X875 mm (Approximately)
Basket Dimension	380 x 180 mm
Timer	0-999 min
Safety functions	Over temperature protection and warning alarms
	2 separated over-current fuses for user safety
	Over Pressure Protection, safety valve should be automatically release in case of high pressure
Control	Microprocessor PID control and temperature calibration
Display	Digital LED display with touch-sensitive, splash proof keypad
	Process should be display in LED Display
Door	Low heat transfer plastic door with side opening lid should be available to prevents burns
Baskets	2 baskets should be included
Construction Interior	High quality 304 stainless steel, rounded inner chamber corners
Exterior	Dirt-repellent powder coated steel
Programs	3 Pre – set programs
	3 User Programs
Electrical Requirements	230V /50 - 60Hz
Complies	Technical data should be comply with DIN 5891-2 / BS EN 285:1997
Warranty	Two years from the manufacturer
Reference	Local agent should have supplied minimum 02 units in Sri Lanka within last 05 years
Manufacturer Authorization	Letter should be attached

Specification of Incubator



Feature	Required Specification
Chamber Volume	100L or more
Temperature range	Ambient. +5o C to 70 o C
Temperature Fluctuation	<u>+ 0.2 o C or better</u>
Temperature Variation	<u>+ 0.2 o C or better</u>
Interior dimensions (WXDXH)	500X400X500 mm (Approximately)
Exterior dimensions (WXDXH)	675X600X850 mm (Approximately)
Safety functions	Self-protecting power cut-off function and signal for over temperature protection
	Should have key pad lock function
	Should have open door alarm
Automatic restart	Should be automatically restart after power interruption
Timer	Should have dual wait on - off timer
Temperature Programs	At least three Temperature Programs can be set
Control	Microprocessor PID control and auto-tuning features.
Display	Should have LED display with control panel
Construction Interior	High quality 304 stainless steel,rounded inner chamber corners
Exterior	Powder coated steel
Internal construction	Should have vibration free and temperature uniformity to avoid sample contamination from external air
Internal Port	Should have internal cable port to use instrument inside the chamber
Connectivity	Should have RS-232 interface for data collection and control
Shelves	2 units of adjustable stainless steel and electro polished wire shelves
Door	Fully insulated Dual-wall door with rubber magnetic seal gasket.
	Tempered inner glass door should be essential
Heating element	Should have durable heating element with radiator fan
Electrical Requirements	230V /50 - 60Hz
Compliance	Technical data should be according to DIN 12880, Should be comply with ISO and CE standards
Warranty period & after sales services	Please Specify

Specifications of Filtration Equipment



Feature	Required Specification
Quick filtration of a multitude of sample	Should be available
Strong oil-free vacuum pump	Should be available
Material	stainless steel or light aluminum manifold
Individually controllable filter cups	Should be available
Spin-Lock or magnetic locking design to ensure quick assembly and a tight system	Facility should be available
No clamps needed	Yes
Application Areas	Biological laboratories
	Chemical industry
	Microbiological detection
	All kinds of liquid filtration
Max. Flow Rate(L/min)	55 or better
Ultimate Vacuum(mbar)	150
Waste Bottle (Capacity in ml/ Material)	3000 , PC
Number of Branches	3
Whatman Glass microfiber filter	Pack of 100 glass fiber filters with pore size 1.58 μ m should be supplied with the instrument
Manifold Material	Stainless Steel
Filter Diameter(mm)	47 / 50
Filter Cup Capacity(ml)	100
Filter Cup Material	Stainless Steel
Effective Filtration Area(cm ²)	9.6
Outlet Diameter(mm)	8
Pump	Should supply oil free pump with the system
Pump	
Power (W)	190
Current (A)	1
Ultimate Vacuum (mbar)	150
Max. Flow Rate(L/min)	52
Outlet (mm)	8
Motor Speed (rpm)	1450
Noise Level (dB)	52
Power	230 V, 50Hz
Manufacturer Authorization	Letter from Manufacturer should be attached
Warranty	At least One year

Specification of Colony Counter

Feature	Required Specification
Size of petri dish	100mm or better
Display	LED display with 4 digits
Magnification	3 times or better
Zero reset	Should be available
Illumination	Should have round shaped lamp
Model of counting	Should be able to use marking pen
Dimensions (WxLxH)	300mm x 330mm x100mm
Complies	Should have CE certification
Power	230 V, 50Hz
Manufacturer Authorization	Letter from Manufacturer should be attached
Warranty	At least One year

Specification of Accessories

- Membrane filters 0.45um Pore size, 47mm Diameter
- Absorbant pads 47 mm Diameter
- Petry dish 47mm Diameter

Chemicals

- m-Endo BROTHS 100 grams
- m-FC BROTHS 100 grams

SPECIMEN FORM OF BID SECURITY

By this Bond we (hereinafter called "the Bidder") and We (name of bank or insurance company) whose registered office is at (hereinafter called "the Surety") are held and firmly bound onto (hereinafter called the Authority") in the sum of for the payment of which sum the Bidder and the Surety bind themselves their successors and assigns jointly and severally by those presents.

Whereas the authority has invited the Tender and other persons to compete tenders in similar terms for the supply of and to submit the same for the consideration of the Authority, and the Bidder proposes to submit to the Authority a Bid (hereafter called "the Bid") in accordance with such invitation, the Bond shall provide security to the Authority that the Bidder will honour certain obligations to be undertaken by him in the Tender in accordance with the following conditions.

Now the Conditions of this Bond are:

- (a) That it shall remain in full force and effect until the earliest of
 - (i) (Date), being () days from (submission date), the date stipulated by the Authority for the submission of tenders, or any prolongation of such date above notified to the Authority by the Bidder and the Surety in writing.
 - (ii) In the event of acceptance of the Tender by the Authority, the date upon which the Bidder provides a performance security to the Authority in accordance with the terms of the contract thereby made between them, or
- (b) Subject to this Bond being in full force and effect, the Surety shall pay the full amount specified in this Bond upon receipt of first written demand form the Authority stating that.
 - (i) The Bidder has withdrawn his Tender during the validity of this Bond, or
 - (ii) The Bidder has failed to provide a performance security to the Authority in accordance with the terms of the tender within 14 days from receipt of intimation of award of the Tender.

No alteration in the terms of the Tender, nor any forbearance of forgiveness in or in respect of neither any matter or thing concerning the Tender on the part of the Authority, nor any objection from the bidder shall in any way release the Surety from any liability under this Bond.

The benefit of this Bond shall not be assignable by the Authority and upon its ceasing to be in full force and effect the Authority shall return the same to the Bidder.

This Bond shall be governed by the laws of Sri Lanka

I executed as a deed on this () day of () 20 ()

For and on behalf of the Bidder

Signed by -----

In the capacity of -----

and by -----

In the capacity of -----

Seal (where applicable)

For and on behalf of the Surety

Signed by -----

In the capacity of -----

and by -----

In the capacity of -----

Seal (where applicable)

DELIVERY SCHEDULE

(IT IS MANDATORY TO FILL THE FOLLOWING SCHEDULE BY THE BIDDER)

TENDER NO :

ITEM :

QTY :

DURATION	QTY
EX STOCK QTY (WITHIN 01 WEEK)	
01MONTH	
02 MONTHS	
03 MONTHS	
04 MONTHS	
TOTAL	

NAME OF THE BIDDER :

SIGNATURE OF BIDDER :

DATE :

COMPANY SEAL :