Tender No:	
KDU/PRO/CAP/C/170/2023	General Sir John Kotelawala Defence University, KandawalaEstate, Ratmalana, Sri Lanka. T: Phone: 2632028, 2622995 Fax: 2622504, 2623599 Web:www.kdu.lk
	25/07/ 2023

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 <u>item/s listed in the schedule in Annex "A"</u>. <u>The relevant specifications of the item/s are indicated in Annex "B"</u>.
- 2. <u>CLOSING DATE & TIME</u>. The tender will close at 1000 hrs. on 17 / 08 /2023. 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 minimum period of 120 days from the date of closing of tender**.
- 4. **BID BOND / 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 bottom of Annex 'A' 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 :	The Chairman,
Closing Date & Time :	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. <u>SUBMISSION OF SAMPLES/PAYMENT OF TESTING CHARGES</u>.

When it is required to submit samples, <u>every offer</u> must be accompanied with pre - marked samples. The marking of samples <u>indicating the Bidder & Offer number</u> must be done and the samples must be handed over to the officer at same place where tender box is placed <u>on or before the closing date & time of the Bid</u>. 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 <u>for all offers</u> indicated in their bid/s.

- (1) Samples. Please submit samples.
- (2) <u>Testing Charges</u>. A sum of Rs. <u>per offer must</u> 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 a mong 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 f u r n i s h a Performance Bond/Guarantee in the form of "On Demand" & "Unconditional" Bank/Insurance Guarantee for asum equivalent to 10% of the contract value for every contract that exceeds Rs. 2,000,000.00 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**. **VALIDITY PERIOD OF THE PERFORMANCE GURANTEE/SECURITY SHOULD BE COVERED WARRANTY PERIOD + 28 DAYS**. 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. **LIOUIDATED 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 30-45 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, Thanking You, Yours faithfully,

TSK Lankeshwara Lsc Lieutenant Commander (S) for Vice Chancellor

General Sir John Kotelawala Defence University

SCHEDULE OF PRICES FOR LOCALLY DELIVERED ITEMS

_	SCHEDULE OF PRICES FOR LOCALLY	Y DELI	VEKED		
S/N	ITEMS	DEN O	QTY	PRICE EACH SLRS	TOTAL PRICE SLRS
	PURCHASE OF LAB ITEMS FOR				
	DEPARTMENT OF MECHANICAL				
	<u>ENGINEERING</u>				
01	Solder Smoke Absorber Remover Fan	No	04		
02	Silicone Pad Magnetic Heat Insulation (45x30cm)	No	04		
03	Official Raspberry PI 7" Touch Display		05		
04	Raspberry PI 4B Starter Kit (including 32GB micro- SD preinstalled with RPI OS)		05		
05	Official Raspberry Pi Keyboard and Mouse		05		
06	Official Raspberry Pi BEGINNER'S GUIDE 4 Edition		10		
07	PIXY2 CMUcam5 Sensor		03		
08	NVIDIA JETSON NANO Developer Kit		03		
09	NVIDIA JETSON NANO POWER SUPPLY 5V 4A		05		
10	2-Wheel Round Double Decker Chassis kit		05		
11	4-Wheel Round Double Decker Chassis kit		05		
12	4PCS MECCANUM WHEELS 80MM		05		
13	3INI SOIL NPK Sensor		03		
14	SIM900 QUAD-BAND GSM/GPRS SHIELD with Antenna		05		
15	AMG8833 IR 8x8 Thermal Imager Temperature Sensor		05		
16	Hot Melt for Glue Gun (11mm X 180mm)		70		
17	Portable Drill		02		
18	Portable Grinder		02		
19	Lugging Tool Set		02		
20	Wire Stripper		03		
	Attached The Specifications				
	TOTAL				
	DISCOUNT				
	TOTAL(AFTER DISCOUNT)				
	VAT %				
	GRAND TOTAL				

(A)	OTHER	R 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 ADED TAX PERMANENT REGISTRATION CERTIFICATE / VAT EXEMPTION LETTER ISSUED BY DEPARTMENT OF INLAND REVENUE TO BE ATTACHED

(C)	PLACE OF DELIVERY - TO THE "GENERAL SIR JOH UNIVERSITY, KANDAWAL ALONG WITH THE COPY O	A STATE, RATMALANA
	INVOICE.	
(D) Any queries / information with reg	<u>-</u>	
	e at General Sir John Kotelawala De	•
ocls@kdu.ac.lk and by telephone nur	nber 0112622504 during working hour	rs.
NOTE: UNIT PRICE AND TOTAL	PRICE ARE TO BE INDICATED CI	LEARLY IN THE TENDER, IF
NOT QUOTATION WILL BE REJ	CCTED.	
SUPPLIER NAME		
ADDRESS		
CONTACT NUMBER		Company Seal
E MAIL ADRESS		Company sear
(E) Bid Reference: KDU/PRO/CAP/C/1	70/2023	
		DATE
I/We agree to abide by the condition of No 01 schedule mentioned in the contract, in the eve tender.	e e e e e e e e e e e e e e e e e e e	
Signature.		
Nameof Signatory		Company Seal
Name of the Compa	ny/Bidder	Company Scar
Date :		

ANNEX "B"

Annexure: A

S/N	ITEM	SPECIFICATION	FIGURE	REQUIRED QUANTITY	(08
01.	Solder Smoke Absorber Remover Fan	 Make: To be indicate by bidder Removes smoke fume, soldering fumes, flux smoke, odor from soldering stations 3 Active carbon filters Voltage: 220 - 230V Power: 20 - 30W Max air flow: 1000 L/min or equal range Overall Dimension (Lx W x H): 16 x 23 x 30cm or equal range. Warranty: To be indicate by bidder 		04	
02.	Silicone Pad Magnetic Heat Insulation 45x30cm	 High temperature resistance Independent magnetic division Soft silicone, full of elasticity Heat resistance: Over 400 °C Several hole locations for setting screws, IC chips and small parts. Dimensions (L x W): 45 x 30cm 		04	
03.	Official Raspberry PI 7" Touch Display	 Display size (diagonal): 7 inches Display format: 800 (RGB) × 480 pixels Active area: 154.08mm × 85.92mm 10 finger capacitive touch Connects to the Raspberry Pi using a ribbon cable connected to the DSI port Adapter board is used to power the display and convert the parallel signals from the display to the serial (DSI) port on the Raspberry Pi Kit Contents 7" Touchscreen Display Adapter Board DSI Ribbon cable 4 x stand-offs and screws (used to mount the adapter board and Raspberry Pi board to the back of the display 4 x jumper wires (used to connect the power from the Adapter Board and the GPIO pins on the Pi so the 2Amp power is shared across both units) Warranty: To be indicate by bidder 		05	, ⁴ ,

	4. Raspberry PI 4B Starter Kit (inclu 32GB micro-SD preinstalled with OS)	8GB Version	05
0.	5. Official Raspberr Keyboard and M		05

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	6. Official Raspberry PI BEGINNER'S GUIDE 4th Edition	Fully updated for the Raspberry Pi 400, Raspberry Pi 4, and the latest software, this 252-page official Raspberry Pi book is crammed with projects and beginner's guides containing all the information need to get started using computer. > CONTENT • Set up your Raspberry Pi, install its operating system, and start using this fully functional computer. • Start coding projects, with step-by-step guides using the Scratch 3 and Python programming languages. • Experiment with connecting electronic components and have fun creating amazing projects. English Version	THE OFFICIAL Raspberry Pi Beginner's Guide How to use your new computer	10
0	7. PIXY2 CMUcam5 Sensor	Processor: NXP LPC4330, Dual Core 204MHz Image Sensor: MT9M114, 1.26 Megapixel Built-in Algorithm: Color Recognition Line Tracking Barcode Recognition Communication Interface: UART, SPI, I2C, USB, digital, Analog Compatible Controllers: Arduino, micro: bit, Raspberry Pi Warranty: To be indicate by bidder		03
0	8. NVIDIA JETSON , NANO Developer Kit	• GPU: 128-core Maxwell • CPU: Quad-core ARM A57 @ 1.43 GHz • Memory: 4 GB 64-bit LPDDR4 25.6 GB/s • Connectivity: Gigabit Ethernet, M.2 Key E • Display: HDMI and display port • USB: 4x USB 3.0, USB 2.0 Micro-B • Video Encode: 4K @ 30 4x 1080p @ 30 9x 720p @ 30 (H.264/H.265) • Video Decode: 4K @ 60 2x 4K @ 30 8x 1080p @ 30 18x 720p @ 30 (H.264/H.265) • Camera: 2x MIPI CSI-2 DPHY lanes Others: GPIO, I2C, I2S, SPI, UART • Warranty: To be indicate by bidder		03 ent (Hons), Sir John Kotelawala Defence University

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0	NANO POWER	(Recommended by NVIDIA)	05
1	0. 2-Wheel Round Double Decker Chassis kit	 Sketch size: 135mm * 135mm * 80mm (Approx.) Round Acrylic Plate Diameter: 130mm (Approx.) Other acrylic plate size: 135mm * 75mm (Approx.) Package Includes: 	
		 1pcs round acrylic plate 1pcs Acrylic Footer 2pcs 65mm wheel 1pcs universal wheel 2pcs gear motor 4pcs "t" Fixed motor support mode 12pcs M3x10mm Screw 8pcs M3 nut 4pcs M3x12 + 6mm copper cylinder 4pcs M3x30mm two-way copper column 	05
		Warranty: To be indicate by bidder	

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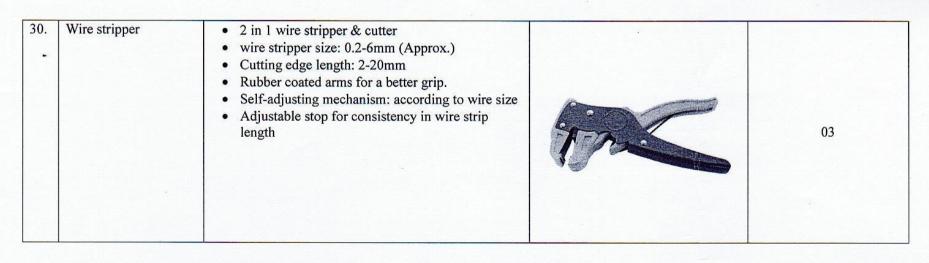
11.	4- Wheel Round	20-line Speed Encoder wheel.		
	Double Decker Chassis kit	The mechanical structure is simple, convenient installation.	er contactes of elegatic contacts the encourage to be	
		 The height between two chassis can be change by different copper pillar. The four-turn speed dc motor flexible, directional well. Quad, chronological horsepower. Chassis and stability is very easy to extend The car comes with speed encoder, cooperate with our speed of photoelectric, can rapidly form a speed measuring system. Can speed, range, form a closed loop system. (Please see next page) Package Includes: 2 x Acrylic Car Chassis Boards 4 x Dual Axis Yellow Gear Motor 4 x Robot Plastic Tire Wheel 4 x AA Battery Case, Nut and Bolt Warranty: To be indicate by bidder 		05
12.	4PCS Meccanum Wheels 80MM	80mm Mecanum Wheel Omni-directional Tire 4Pcs Set Package Include- 4pcs of 80mm mecanum wheels		
		 2 x left mecanum wheel 2 x right mecanum wheel Warranty: To be indicate by bidder 		05

(3)			
13.	3 IN 1 SOIL NPK Sensor	The soil nitrogen, phosphorus, and potassium sensor is suitable for detecting the content of Nitrogen, Phosphorus, and Potassium in the soil, and judging the fertility of the soil by detecting the content of nitrogen, phosphorus, and potassium in the soil, thereby facilitating the customer's systematic assessment of the soil condition. • Power supply: DC 12-24V • Communication port: RS485 • Measuring range: 0-1999MG/KG (or equal range) • Measurement accuracy: ±20%F.S (or equal range) • Resolution: 1MG/KG • Baud rate: 2400/4800/9600 • Working temperature: 5-45°C (or equal range) • Working humidity: 5-95% (or equal range)	03
14.	SIM900 QUAD-BAND GSM/GPRS SHIELD With Antenna GRAND GRAN	 Quad-Band 850 / 900/ 1800 / 1900 MHz - would work on GSM networks in all countries across the world. GPRS multi-slot class 10/8 GPRS mobile station class B Compliant to GSM phase 2/2+ Class 4 (2 W @ 850 / 900 MHz) Class 1 (1 W @ 1800 / 1900MHz) Control via AT commands - Standard Commands: GSM 07.07 & 07.05 Enhanced Commands: SIMCOM AT Commands. Short Message Service - so that you can send small amounts of data over the network (ASCII or raw hexadecimal). 	05

15	. AMG8833 IR 8x8 Thermal Imager Temperature Sensor	The AMG8833 infrared camera sensor is an 8x8 infrared thermal sensor array. When connected to microcontroller (or Raspberry Pi), it will return a set of		
		64 individual infrared temperature readings via I2C. It's like those fancy thermal cameras, but it's compact and simple and easy to integrate. The sensor only supports I2C and has a configurable interrupt pin that can be triggered. It can detect humans from a distance of up to 7 meters (23) feet. It is a perfect fit for creating your own human detector or mini camera.	O	05
		Features: Operating Temperature: 0~80 Type: Voltage Regulator Supply Voltage: 3~5V Application: Infrared Camera Sensor Warranty: To be indicate by bidder		
16	. Hot Melt for Glue Gun (11mm X 180mm)	Size: App 180 x 11mm (L*D) Solidify time: 10-20 seconds	2000 mg	
		Clear/Transparent (Flexible)		70

	Portable wireless drill	Cordless Driver Drill Powerful motor with adjustable 2-speed and 2-level output torque. Battery: 12V/1.5Ah ×2 Max.Screw Dia.(mm) 10 No-Load Speed(r/min) High 0-1400 Low 0-350 Max.Drilling Capacity	
+1		Steel (mm) Φ10 Wood (mm) Φ20 Max.Fastening Torque (N.m): 30 Package complete with • Driver drill unit x 1, • 12V,1.5ah Li-Ion Battery x 2 • Charger x1, • Carrying Bag x 1 • Warranty: 02 Years (minimum)	02
4.	Portable Wireless Angle Grinder	Cordless Angle Hand Grinder Disc diameter: 125mm Spindle diameter: 22.2 Rotational speed: 4500 – 9000 rpm Battery voltage: 18V DC Battery capacity: 5Ah Number of batteries included: 02 Nos Charging time: 45 – 60min (Approx.) Charger: 18V, 6,5A Tool weight with 5.0 Ah battery: 3.0 – 3.5kg Safety cover & Handle required Warranty: 02 Years (minimum)	

25.	Lugging Tool with	Plier	volume agile	
•	Pliers Jaws (SN-48B / SN -02C / SN -06WF / SN -06 / SN -2546B / SN -16WF / SN - 02WF2C / SN -0325 / SN -03H)	 SN series plier Handle length: 150mm or high Handle Style: Straight Material: Carbon Steel Self-adjustable mechanism In- build release mechanism Pliers Jaws (SN-48B / SN -02C / SN -06WF / SN -06 / SN -2546B / SN -16WF / SN - 02WF2C / SN -0325 / SN -03H) Material: Carbon Steel Warranty: To be indicate by bidder 		02



SPECIMEN FORM OF BID SECURITY

	SI ECIVIEIV	TORM OF BID SE	CURITI					
insurance compa firmly bound bind themselves Wherea of	their successors and assigns joint as the authority has invited the Termore for the consideration of the Auth) in accordance with such invitation.	the distribution (here)	ns to compete tenders in similar terms for the supply					
(a)	(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 submission of tenders, or any prolongation of such date above notified to the Authority by the Bidder the Surety in writing.							
	(ii) In the event of acceptance of the Tender by the Authority, the date upon which the Bidder prova performance security to the Authority in accordance with the terms of the contract thereby made between, or							
(b) Bond u	(b) Subject to this Bond being in full force and effect, the Surety shall pay the full amount specified in th 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 terms of the tender within 14 days from receipt of intimation of award of the Tender.							
thing concerning			of forgiveness in or in respect of neither any matter or jection from the bidder shall in any way release the					
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 exec	cuted as a deed on this (day of () 20 ()					
For and	on behalf of the Bidder		For and on behalf of the Surety					
Signed	by		Signed by					
	apacity of		In the capacity of					
			and by					
In the c	apacity of		In the capacity of					

Seal (where applicable)

Seal (where applicable)

DELIVERY SCHEDULE

(IT IS MANDATORY TO FILE	L THE FOLL	OWING SCHEDU	JLE BY TH	IE BIDDER)	
TENDER NO:					
ITEM :					
QTY :					
DURATION		QTY			
EX STOCK QTY (WITHIN 0	1 WEEK)				
01MONTH					
02 MONTHS					
03 MONTHS					
04 MONTHS					
TOTAL					
NAME OF THE BIDDER	:				
SIGNATURE OF BIDDER	:				
DATE	:				
COMPANY SEAL					