Tender No:		
KDU/PRO/CAP/ 76 /2021		General Sir John Kotelawala Defence University, KandawalaEstate, Ratmalana, Sri Lanka. T: Phone: 2632028, 2622995 Fax: 2622504, 2623599 Web:www.kdu.lk
		16 / 09 / 2022
INVITATION TO BID AND GENERAL COND	ITIONS OF TENDER	
	rs for supply of item/s lis	Iniversity, as the Chairman, Department Procurement sted in the schedule in Annex "A". The relevant
2. CLOSING DATE & TIME . the closing time of the tender will be rejected & unc		1000 hrs. on $11 / 10 / 2022$. Any Bid submitted after turned to the bidder.
3. VALIDITY OF BID. The bi from the date of closing of tender.	d submitted under this tend	ler <u>must be valid for a minimum period</u> of 77 days
demand" and "unconditional" Bid Bond/Guarantee a recognized local Bank or Insurance Company reg	e for a sum of Rs: gistered in Sri Lanka which ees should be valid for at l	should be accompanied with 1% of Bid Value an "on in the format given in Annex "C" through is authorized by the Insurance Board of Sri Lanka to east 30 days more than the validity period of bids, ie, Bid Guarantee .
(b) Submission of insufficient Bid B such offer will not be considered for further procur		eriod will be considered as a " major deviation " and ejected.
portion must be shown separately in the price scheditem is exempted from VAT or Bidding Company in	dule in Annex "A" and VA is not liable for VAT, refer	d items must have the VAT registration. The VAT T registration number must be indicated. If the quoted ence number and date of relevant Act number/Gazette_from the Commissioner General of Inland Revenue to
indicating the name of the signatory and the name of tender conditions. The Bid/s that do not include enclosed and sealed in an appropriate cover addressited in the appropriate tender box placed Ratmalana (at the Main Entrance of General Sir J	of the company & place the authorized signature were seed to the following ad at General Sir John K John Kotelawala Defence U	the last page (before Annexes) of this document to company common seal to confirm the acceptance of the rejected. The Bid/s duly signed by the bidder dress should be sent by registered post or could be totelawala Defence University, Kandawala Estate. University) on or before the time & date specified for tender should be indicated & underlined at the top
Tender Ref No : Closing Date & Time :		r, rocurement Committee, ohn 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 Copyral Conditions of tender. The Bid/s must contain Technical Literature. Pamphlets. Prayings and

similar formats prepared with their own letter heads with all the details mentioned therein and submit in <u>three copies along with duly signed copy of a General Conditions of tender</u>. 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</u> 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. <u>BID OPENING</u>. All duly received bids <u>will be opened immediately after the scheduled closing time of Bids at the same venue</u>. 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. <u>Unit price, VAT and Total price should be clearly indicated in schedule in Annex "A"</u>. 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 a sum 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**. 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 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,
SA Kumpranayake
SA Kumaranaya
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.

in the event of an order occur placed with the/my infiniteompany as a res	suit of this tende
Signature	
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
	PURCHASE OF SURVEY EQUIPMENT AND SPATIAL DATA ANALYSIS SOFTWARE FOR SOUTHERN CAMPUS				
01	HI PRECISE Digital Levels with standard Items	Nos	01		
02	Scanning Total Station (Robotic Total Station + 3D Laser Scanning)	Nos	01		
	TOTAL				
	DISCOUNT				
	TOTAL(AFTER DISCOUNT)				
	VAT %				
	GRAND TOTAL				

	TOTAL							
	DISCOUNT							
	TOTAL(AFTER DISCOUNT)							
	VAT %							
	GRAND TOTAL							
	OTHER DETAILS (i) DELIVERY PERIOD (ii) MAKE & MODEL (iii) VALIDITY PERIOD (iv) WARRANTY PERIOD (v) PAYMENT TERMS (vi) COUNTRY OF ORIGIN (vii) DISCOUNT IF ANY (viii) ANY OTHER TAXES	- - - - - -	CREDIT					
(B)	VAT DETAILS	-	VALUE	ADED	TAX	PERMAN	IENT	REGISTRATION
(C)	PLACE OF DELIVERY	OF INLA - KOTELA	AND REVE ITEMS 'AWALA LANA AL	ENUE TO I TO BE D DEFENC	BE ATTAC ELIVERE E UNIV	CHED D TO THE ERSITY,	E "GEN KANDA	Y DEPARTMENT ERAL SIR JOHN AWALA STATE AND RELEVANT
(D)	Any queries / information with rega			ment / t	ender co	ould be o	btaine	d from Officer
	Commanding Logistics Services office		-					
	ocls@kdu.ac.lk and by telephone numb						·	J
	NOTE: UNIT PRICE AND TOTAL P	RICE ARE	то ве	INDICA	TED CL	EARLY	IN TH	E TENDER, IF
	NOT QUOTATION WILL BE REJEC	CTED.						
	SUPPLIER NAME ADDRESS CONTACT NUMBER E MAIL ADRESS					(Comp	any Seal
(E)	Bid Reference: KDU/PRO/CAP/ 76 /20)21				DATE		

Annexure of

SPECIFICATION FOR HI PRECISE DIGITAL LEVEL

ltem No	Description	Specification Requirement			
1	Accuracy Standard deviation on 1Km of double leveling electronic measurement with invar precision bar code staff	+/- 0.7mm			
2	Measuring Range Electronic measurement on invar precision bar code staff	Minimum 1.5m Maximum 100m			
3	Accuracy of Distance Measurements Electronic measurement with a 20m sighting distance on invar precision barcode staff	25mm or better			
4	Display Units Height measurement Distance measurement	0.1mm / 0.001ft 10mm			
		A TOWNS			
5	Measuring Time Electronic measurement	2.0s			
7	Telescope Magnification Field of view	26x 2.2m at 100m			
8	Compensator Inclination range Setting accuracy	± 15' ±0.5"			
9	Sensitivity of Levels Circular Bubbles	8'/2mm			
10	Display Screen	LCD graphic display 240*160			
11	Key Board	Alphanumeric, 19 keys			
12	Power Rechargeable batteries with 230V AC charger	Rechargeable Battery – 01 no Battery Charger – 01 no Operating time: Approx. 3 days working time without illumination			
13	Measuring Method & Software/Firmware	Single measurement with and without stationing Stakeout, line leveling with intermediate sight BF, BFFB, aBFFB, aBF			



(15)



14	Data Storage		
	Capability to store data in the level	Internal Memory : 30,000 points	
		External Memory : USB Flash Me	mory
15	Environment	-20 to 50 °C (-4 to 122°F)	
16	Standard Accessories	- 01. Main unit	-01
		02. Battery	-01
		03. Battery Charger	-01
		04. Cleaning cloth	-01
		05. Operator's manual	-01
		06. Carrying case	-01
		07. Carrying strap	-01
17	Staves	3m (01 section) RAB-code Invar s	taff - 02 Pcs
		A CONTRACTOR CANADA SEGURADO PARA CALLA CANADA CA	
		Accessories for 02 staves:	
		01. Circular level bubble -02	
-		02. Ground plate -02	
18	Tripod	Aluminium (Flat Head) Telescopio	: Tripod - 01Pc
19	Tripod Warranty	Aluminium (Flat Head) Telescopio Warranty (comprehensive) perione year (1) from the date of ins	od shall be at least
		Warranty (comprehensive) perione year (1) from the date of in	od shall be at least stallation.
		Warranty (comprehensive) perione year (1) from the date of in: The Bidder should have multiple	od shall be at least stallation. e trained technical
		Warranty (comprehensive) perione year (1) from the date of in: The Bidder should have multiple support engineers experienced	od shall be at least stallation. e trained technical with the quoted
		Warranty (comprehensive) perione year (1) from the date of in: The Bidder should have multiple support engineers experienced equipment. The technical support	od shall be at least stallation. trained technical with the quoted ort should be 24
		Warranty (comprehensive) perione year (1) from the date of in: The Bidder should have multiple support engineers experienced	od shall be at least stallation. trained technical with the quoted ort should be 24
		Warranty (comprehensive) perione year (1) from the date of instance of the support engineers experienced equipment. The technical support hours round the clock without respectively.	od shall be at least stallation. Trained technical with the quoted ort should be 24 estrictions.
		Warranty (comprehensive) perione year (1) from the date of instance of the support engineers experienced equipment. The technical support hours round the clock without religious should have a well-equipment.	od shall be at least stallation. Trained technical with the quoted ort should be 24 estrictions.
		Warranty (comprehensive) perione year (1) from the date of instance of the support engineers experienced equipment. The technical support hours round the clock without respectively.	od shall be at least stallation. Trained technical with the quoted ort should be 24 estrictions. ped service centre nnicians (proof of
19	Warranty	Warranty (comprehensive) perione year (1) from the date of instance of the support engineers experienced equipment. The technical support hours round the clock without residence of the support of the s	od shall be at least stallation. e trained technical with the quoted ort should be 24 estrictions. ped service centre nnicians (proof of
		Warranty (comprehensive) perione year (1) from the date of institute the support engineers experienced equipment. The technical support hours round the clock without round the clock without round they a well-equip operated by factory trained technical support of the support o	od shall be at least stallation. e trained technical with the quoted ort should be 24 estrictions. ped service centre nnicians (proof of
19	Annual maintenance cost (calibration, parts & labor after the	Warranty (comprehensive) perione year (1) from the date of instance of the support engineers experienced equipment. The technical support hours round the clock without residence of the support of the s	od shall be at least stallation. Trained technical with the quoted out should be 24 estrictions. The ped service centre inicians (proof of ling) O years experience
19	Annual maintenance cost (calibration, parts & labor after the warranty period)	Warranty (comprehensive) perione year (1) from the date of institute the support engineers experienced equipment. The technical support hours round the clock without round the clock without round the clock without round the a well-equip operated by factory trained tech training required at time of bidd. Please specify for first 5 years Bidder should have more than 1 in selling and supporting the offer	od shall be at least stallation. e trained technical with the quoted ort should be 24 estrictions. ped service centre inicians (proof of ling)
19	Annual maintenance cost (calibration, parts & labor after the warranty period)	Warranty (comprehensive) perione year (1) from the date of instance of the support engineers experienced equipment. The technical support hours round the clock without residence of the support of the s	od shall be at least stallation. e trained technical with the quoted ort should be 24 estrictions. ped service centre inicians (proof of ling)
19	Annual maintenance cost (calibration, parts & labor after the warranty period)	Warranty (comprehensive) perione year (1) from the date of institute the support engineers experienced equipment. The technical support hours round the clock without resided and the support operated by factory trained tech training required at time of bidd please specify for first 5 years Bidder should have more than 1 in selling and supporting the offect category (Surveying/ positioning Sri Lanka	od shall be at least stallation. Trained technical with the quoted out should be 24 estrictions. ped service centre inicians (proof of ling) O years experience ered product instruments) in
19	Annual maintenance cost (calibration, parts & labor after the warranty period)	Warranty (comprehensive) perione year (1) from the date of instance of the support engineers experienced equipment. The technical support hours round the clock without round the clock without round the clock without rounding required at time of bidd please specify for first 5 years Bidder should have more than 1 in selling and supporting the officiategory (Surveying/ positioning Sri Lanka At least 5 Nos of Precise Digital L	od shall be at least stallation. Trained technical with the quoted out should be 24 estrictions. The ped service centre inicians (proof of ling) O years experience ered product instruments) in sevel units
19	Annual maintenance cost (calibration, parts & labor after the warranty period)	Warranty (comprehensive) perione year (1) from the date of institute the support engineers experienced equipment. The technical support hours round the clock without resided and the support operated by factory trained tech training required at time of bidd please specify for first 5 years Bidder should have more than 1 in selling and supporting the offect category (Surveying/ positioning Sri Lanka	od shall be at least stallation. Trained technical with the quoted out should be 24 estrictions. The ped service centre inicians (proof of ling) O years experience ered product instruments) in the sold within last be sold within last

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Annexure 02

Specification for Scanning Total Station (Robotic Total Station + 3D Laser Scanning)

Description	Specification Requirement
SURV	EY PERFORMANCE
Angle Measurment	
Sensor type	Absolute encoder with diametrical reading
Angle measurement accuracy	1"
Angle display (least count)	0.1"
AUTOMATIC	C LEVEL COMPENSATOR
Type Centered dual-axis	
Accuracy	0.5"
Range	±5.4'
Electronic 2-axis level, with a resolution	0.3"
Circular level in tribrach 8'/2 mm	0.3"
DISTAN	ICE MEASUREMENT
Accuracy	
Prism mode Standard	2 1 mm + 1.5 ppm
racking2,	3 2 mm + 1.5 ppm
DR mode Standard2	2 mm + 1.5 ppm
∕leasuring time	Prism mode Standard 1.6 s
	DR mode Standard 1.2 s
	Prism mode : 1 m – 5,500 m
tange	DR mode Kodak White Card :1 m - 800 m
	Kodak Grey Card: 1 m – 450 m
	Autolock and Robotic Range
	Autolock range - traverse 50 mm5 1 m - 800 m
	Autolock range - 360 prism 1 m - 300 m6/ 700 m5
	Angle accuracy1 1"





SCANNING PERFORMANCE Scanning principle Band scanning using rotating prism in telescope Measurement rate 26.6 kHz Point spacing 6.25 mm, 12.5 mm, 25 mm or 50 mm @ 50 m GENERAL SCANNING SPECIFICATIONS Field-of-view 360° x 300° Coarse scan: full dome - 360° x 300° (horizontal angle x vertical angle) Density: 1 mrad, 50 mm spacing @ 50 m Scan time: 12 minutes Standard scan: area scan - 90° x 45° (horizontal angle x vertical Density: 0.5 mrad, 25 mm spacing @ 50 m Scan time: 6 minutes Range Measurment Range principle Ultra-high speed time-of-flight Kodak White Card 0.9 m - 600 m Range Kodak Gray Card 0.9 m - 350 m Range noise @ 50 m on 18-90% reflectivity 1.5 mm @ 120 m on 18-90% reflectivity 1.5 mm @ 200m on 18-90% reflectivity 1.5mm @ 300m on 18-90% reflectivity 2.5mm Scanning Accuracy Scanning Angular Accuracy 5" 3D position Accuracy @ 100m8 2.5mm Light source Pulsed laser 1550 nm; Laser class 1M EDM SPECIFICATIONS Beam divergence DR mode 0.2 mrad Laser spot size at 100 m (FWHM) 14 mm Atmospheric correction Available through field and office software Imaging principle 3 calibrated cameras in Cameras total field of view 360° x 300° Live view frame rate (depending on connection) Up to 15 fps File size of one total panorama with overview IMAGING PERFORMANCE camera 15 MB - 35 MB Panorama measurement time/resolution Overview panorama Full dome 360° x 300° (Horizontal angle x vertical angle) with 10% overlap 3 minutes, 40 images, 20 mm @ 50 m per pixel

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	rilliary panorama Area capture 90° v 45°
	Primary panorama Area capture 90° x 45° (Horizontal angle x vertical angle) with 10 %
	overlap overlap
	3 minutes, 48 images, 4.4 mm @ 50 m per pixel
CAM	IERAS SPECIFICATIONS
	Resolution of each camera chip 5 MP (2592 x 1944 pix)
	File format of images .jpeg
	Field of view max 57.5" (horizontal) x 43.0° (vertical)
	Field of view min 0.65° (horizontal) x 0.5° (vertical)
	Total zoom (no interpolation) 84 x
eneral Camera Specifications	35 mm equivalent focal length 36–3000 mm
ACTION OF THE STATE OF THE STAT	Exposure modes Auto, spot exposure
	Manual exposure brightness ±5 steps
	White balance modes Auto, daylight,
	incandescent, overcast
	Temperature compensated optics Yes
	Calibrated cameras Yes
	Overview Camera
	Position Parallel to measurement axis
	One pixel corresponds to 20 mm @ 50 m
	Primary Camera
	Position Parallel to measurement axis
	One pixel corresponds to 4.4 mm @ 50 m
	Telescope Camera
	Position Coaxial
	Focusing Automatic, manual
	Focusing distance 1.7 m to infinity
	One pixel corresponds to 0.88 mm @ 50 m
	Pointing precision (std dev 1 sigma) 1" (HA: 1,5 cc, VA: 2,7 cc)
	Plummet Camera
47	Usable range 1.0–2.5 m
	Resolution on ground - one pixel corresponds to
	0.2 mm @ 1.55 m instrument height
	Accuracy 0.5 mm @ 1.55 m instrument height





INSTRUM	ENT GENERAL SPECIFICATIONS
	Communication WiFi, 2.4 Ghz Spread Spectrum, cabled (USB 2.0)
GENERAL SPECIFICATIONS	IP-rating IP55
	Operating temperature range -20 °C to 50 °C
	Security Dual layer password protection
	SERVO SYSTEM
SYSTEM SPECIFICATIONS	MagDrive servo technology Integrated servo/angl sensor electromagnetic direct drive
	Clamps and slow motions Servo-driven
	Plummets Built-in video plummet
CENTERING	Split optics tribrach with optical plummet
	Internal battery Rechargeable Li-Ion battery 11.1 V, 6.5 Ah
POWER SUPPLY (Operating time)	One internal battery Approx. 2-3 hours
	Three internal batteries in multi-battery adapter Approx. 6–9 hours
CONT	ROLLER SPECIFICATIONS
General	
Processor	64-bit quad-core or higher
Operating system	Windows® 10 Pro operating system or better
Camera	Rear - 8 MP with auto focus and flash / Front -2MP or better
Display	7-inch, 1280 x 800 landscape, 16:10, multi-point capacitive, 650+ nits sunlight readable
Memory	
nternal RAM	8GB RAM or more
torage	64GB or more
xtended Storage	SD / Micro SD card shuuld support upto 2TB or more
lattery	
attery	Li-Ion rechargeable, removable, hot swappable batteries with charge LED indicator (Minimum
perating time	Two barried should be provided)
	5 hrs or better
ata & Interface	
ata I/O	Serial (RS-232), USB
	7-inch, 1280 x 800 l, multi-point capacitive, 650+
isplay	nits sunlight readable



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# X Y	Minimum of 34 keys including hard alpha numeri
Keyboard	keypad
Communication	
Wireless connectivity	B. Control of the con
wileless connectivity	Bluetooth, GSM, WiFi
Environmental	
Operating Temperature	-20°C + 60°C
Humidty	90% condensing
Water and dust proof slandered	IP68 or better
Shock	Designed to survived a 1 m drop
Field Software	and the same of th
	* The field software shall be user friendly and capable of recording multiple categories of data types simultaneously.
7	
	* Support Pre-set work mode (One-time settings
	for all project)
	* Ability to Selected Points in a DXF, or SHP file car be automatically added to the point manager for staking out
	* Embedded e manual should available.
	* Capability to Import and export and visualize following data types on the field, a. Support CSV, DAT, TXT, DXF,SHP and NCN as import format b. Support CSV, DAT, TXT, KML, DXF, SHP, RAW, HTML AS export format c. Support customize the import and export content while choosing CSV, DAT, TXT formats * COGO features.
	* Should be able to view and edit Ms Excel, MS Word and PDF files.
st of items included in the package	
ain Instrument - Robotic Total Station	1No
obotic Reflector System	1 No
andard Target Reflector Kit	2 Nos
ata controller with field software	1 No



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Warranty	Warranty (comprehensive) period shall be at least one year (1) from the date of installation.
	The Bidder should have multiple trained technical support engineers experienced with the quoted equipment. The technical support should be 24 hours round the clock without restrictions.
	Bidder should have a well-equipped service centre operated by factory trained technicians (proof of training required at time of bidding)
Annual maintenance cost (calibration, parts & labour after the warranty period)	Please specify for first 5 years
Experience	Bidder should have more than 10 year's experience in selling and supporting the offered product category (Surveying/ positioning instruments) in Sri Lanka
	At least 5 Nos of Robotic Total Station units (make/model can be vary) must be sold within last ten years and successfully maintained and serviced. Please provide the detail

SPECIMEN FORM OF BID SECURITY

				nafter called "the Bidder") and We (name of bank or			
firmly bound				reinafter called the Authority") in the sum of			
				e payment of which sum the Bidder and the Surety			
Whe		e Tender and o	ther perso	ns to compete tenders in similar terms for the supply			
	me for the consideration of the			and to r proposes to submit to the Authority a Bid (hereafter			
called "the B honour certain	id") in accordance with such in	vitation, the Bo	ond shall p	provide security to the Authority that the Bidder will cordance with the following conditions.			
(a)	That it shall remain in full f	That it shall remain in full force and effect until the earliest of					
		submission of tenders, or any prolongation of such date above notified to the Authority by the Bidder and					
				by the Authority, the date upon which the Bidder n accordance with the terms of the contract thereby			
(b) Bone	Subject to this Bond being d upon receipt of first written de			the Surety shall pay the full amount specified in this 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 terms of the tender within 14 days from receipt of intimation of award of the Tender.							
or thing conc				e of forgiveness in or in respect of neither any matter objection from the bidder shall in any way release the			
the Authority	benefit of this Bond shall not be shall return the same to the Bidd Bond shall be governed by the l	der.		rity and upon its ceasing to be in full force and effect			
I e	executed as a deed on this () day of () 20 ()			
For a	and on behalf of the Bidder			For and on behalf of the Surety			
Sign	ed by			Signed by			
In th	e capacity of			In the capacity of			
and	by			and by			
In th	e capacity of			In the capacity of			
Seal	(where applicable)			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			
,l		L	
NAME OF THE BIDDER	:		
SIGNATURE OF BIDDER	:		
DATE	:		
COMPANY SEAL			