



Maldives Land and Survey Authority
Ministry of Housing and Infrastructure
Male', Republic of Maldives.

ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުގައި
މިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުގައި
މިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ގޮތުގައި.

Supply of Leica GS16 Smart Receiver

Terms of reference

1. Purpose

Supply Leica GS16 Smart Receiver to Maldives Land and Survey Authority.

2. Minimum requirement:

- 1) Minimum requirement and parts in Anex 1

3. Requirements of the proposal

1. Quotation (GST included)
2. Delivery Terms CIP (Carriage and Insurance paid) excluding import duty and clearing charges
3. Consignee of the goods must be Maldives Land and Survey Authority
4. Technical specification
5. 1 year hardware warranty
6. Quotation validity must have minimum 45 days
7. Company profile
8. Company registration and GST registration
9. Above mentioned is the minimum specification (If the proposed item is below specification we will consider it as invalid)

ANNEX 1

Item	Article Number	Description	Qty
Leica GS16 Smart Receiver			
A		GS16 Unlimited (GNSS RTK Tracking including BeiDou) with following accessories	2
GNSS Receiver for Base and Rover each comprising			
1	838039	GS16 Unlimited GNSS SmartAntenna. Geodetic 555 channels GNSS receiver with integrated 3.75G UMTS and RX/TX UHF radio RTK modems. Includes multi-frequency, Glonass, Galileo, BeiDou, 20 Hz position rate, Raw data and RINEX data logging, RTK unlimited, RTK Network, NMEA out, Reference station setup and 2 yr SmartLink fill support.	1
2	5307067	1 yr SmartLink Service, enables tracking of TerraStar L-band signals for autonomous precise point positioning and to bridge RTK data outages on GS16 GNSS receiver. Valid for 1 year.	1
3	795993	MMSD01, micro SD card 1Gb	1
4	817053	GVP721 Base & Rover Container	1
5	833518	GVP718 Basic backstraps for container GVP721	1
6	772806	GEB212, Battery internal Li-Ion 2600mAh	2
7	799187	GKL341, Multi bay charger Professional 5000	1
8	767790	GAD108, UHF/GSM antenna arm for GS15	1
9	667243	GAT2, Gainflex UHF antenna, 435-470MHz	1

Item	Article Number	Description	Qty
B	Field Controller For Base and Rover Setup		
1	823169	CS20 3.75G Disto Field Controller. Ruggedized WinCE data logger including: Ruggedized WinEC7 field controller with full 5" WVGA touch display, 2GB eMMC Flash Memory, 1GB SDRAM, SD card slot, 5MP camera and LED flash. Includes internal Bluetooth/ WLAN module, 3.75G GSM/UMTS module, internal TPS Bluetooth radio module, integrated Disto module, QWERTY keypad, stylus.	1
2	827698	Leica Captivate Survey & Stakeout CS20	1
3	767856	MSD1000, SD memory card 1GB	1
4	807157	GHT66, Holder plate for CS20 field controller	1
5	767880	GHT63 Pole clamp for attaching GHT	1
6	799190	GEB331, Battery int Li-Ion 11.1V/2.8Ah	2
7	799187	GKL341, Multi bay charger Professional 5000	1
	On-board Engineering Software for Field Controller C20		
8	827701	Leica Captivate Area Division CS20	1
9	827702	Leica Captivate DTM Stakeout CS20	1
10	827699	Leica Captivate Measure Stake Line CS20	1
11	827703	Leica Captivate Volume Calculation CS20	1
12	827712	Leica Captivate QuickVolume CS20	1
13	6009614	1 yr Viva GNSS (GS16+CS20) Basic Customer Care Package (support, software & firmware upgrade)	1
C	Field Controller C35 Tablet		1
1	827979	CS35-1 10" Tablet Field controller, EU Ruggedized Win8.1 Pro 64-bit Tablet Computer including: 10" touch-widescreen, 128 GB SSD hard drive, 4 GB SDRAM, WLAN 802.11 b/g/n, 3G Integrated Mobile Broadband module, Bluetooth v4.0, Stylus, Integrated GPS, 1x Battery (4.4Ah), AC/DC adaptor and 5MP camera with flash. <i>CS35 Tablet to be delivered with stylus, tether, one GEB235 Lithium-Ion battery (10.8 V/4.1 Ah, rechargeable) and country specific AC/DC adaptor.(MALDIVES)</i>	1
2	827719	Leica Captivate Survey & Stakeout CS35	1
3	765199	MS1, USB memory stick, 1GB	1
4	832127	GHT78 Holder plate for CS35 Tablet	1
5	767880	GHT63 Pole clamp for attaching GHT	1
6	833343	GHT79 hand strap for CS35	1
7	832120	GEB236 - Li-Ion 10.8V/9.3Ah for CS35	2
8	832118	GKL235 - Charger for CS35 batteries	1
9	832114	GEV280-2 - AC/DC Adaptor, UK for CS35	1
10	832121	GDZ75 Digitiser Pen for CS35	1
11	832122	GHT77 Tether for CS35 Pen GDZ75	1

12	832126	SPF06 Display protection foil CS35	1
13	833343	GHT79 hand strap for CS35	1
Engineering Software for Field Controller C35			
14	827722	Leica Captivate Area Division CS35	1
15	827723	Leica Captivate DTM Stakeout CS35	1
16	827720	Leica Captivate Measure Stake Line CS35	1
17	827725	Leica Captivate Road CS35	1
18	827724	Leica Captivate Volume Calculation CS35	1
19	827729	Leica Captivate Traverse CS35	1
20	827731	Leica Captivate QuickVolume CS35	1
21	6003686	1 yr Viva (GS16) Basic Customer Care Package (support, software & firmware upgrade)	1
22	6009623	1 yr CS35 Basic Customer Care Package (support, software & firmware upgrade)	1
D	Pole Setup Accessories		
1	752292	GLS30, GNSS telescopic pole, carbon-fibre	6
2	560138	GST6, Quickstand for pole	2
E	Tripod Setup Accessories		
1	667216	GRT146, Carrier with 5/8 inch screw	2
2	798181	GDF112-1 Tribrach, with opt. plummet	2
3	667244	GZS4-1, Height hook standard	2
4	399244	GST05, Wooden tripod, telescopic	2
F	Data Cable		
1	806095	GEV269, Serial data transefer cable, Lemo-USB A 2.0m (for connection to PC and serial sensor like Echo Sounder)	1
2	767899	GEV234, Data cabel Lemo-USB A 1.65m (for connection to PC and software update)	1
G	Post Processing Software for GNSS		
<hr/>			
Infinity (New Licence)			
1	835320	Infinity Complete GNSS & Terrestrial Bundle (Node-Locked) Includes Infinity Basic, TPS data-processing, Level data-processing + Adjustments 1D, Surface & Scanning, Adjustments 3D, Imaging, GNSS Multi frequency data processing	1
2	6010365	1 yr Infinity Complete GNSS&Terr.Bd. Customer Care Package (support, software & firmware upgrade)	1
H	Accessories for TS15		
<hr/>			
1	667718	GHM007, Instruments height meter	4
2	722045	GHT196, Distance holder for height meter	4
3	767880	GHT63 Pole clamp for attaching GHT	6
4	667319	GSR111 Dual-strut support for all GLS	3