

**PUBLICATION OF AWARD OF CONTRACT**  
**DIRECT CONTRACTING**

**Disaster Vulnerability Reduction Project**  
**Supply and installation of Data Loggers and Communications Equipment**  
**for the Rainfall Stations, Climate Stations, Agri-Meteorological Stations**  
**and Water Level Gauging Stations**

***SLU-DVRP-GA-DC-HYD- DLCE-01-21***

<b>Name of Bidder</b>	<b>Price Quoted USD</b>	<b>Evaluated Price USD</b>
OTT Hydromet	584,266.75	315,163.33

**Final Contract Price:** USD 315,163.33 inclusive of customs duties and import duties

**Duration:** Four (4) months

Supply and installation of Equipment for the Hydromet Observation Network (Data Loggers and Communications Equipment) for the Water Resources Management Unit) WRMA) and the Meteorological Services (SLMS). The System comprise the following:

- The installation of new automatic weather stations either as replacement for old ones or to fill data collection gaps,
- The provision of appropriate tools and materials for execution of field calibration works;
- Operationalization of the installed equipment, programming of data loggers, integration into the telemetry systems and automated ingestion into the database for storing raw and semi-processed data including facilitation of the collection of metadata;
- Training of SLMS and WRMA staff in the execution of proper operation, maintenance, troubleshooting and sensor field calibration works with respect to existing and new equipment;
- Provision of discharge measurement equipment to conduct spot measurements;

Line Item No.	Description of Goods	Country of Origin	Delivery Date As Defined by Incoterms	Quantity and Physical Unit
B-1.a	Supply of AT / RH sensor Station: 34-AWS-1 - Vigie Airport AWS Sutron	USA	120 days ARO	1
B-2.a	Optional Item Supply of Radar Water Level Gauging station (cantilever supply and installation see separate position) Station: 34-WL-1 - Marchand			
B-2.a.1	WL Radar Sensor	USA	120 days ARO	1
B-2.a.9	Data logger	USA	120 days ARO	1
B-2.a.10	VHF transmitter (OPTIONAL ITEM)	USA	120 days ARO	0
B-2.a.10.1	GOES transmitter	USA	120 days ARO	1
B-2.a.11	VHF antenna and pole	USA	120 days ARO	0
B-2.a.11.1	GOES antenna	USA	120 days ARO	1
B-2.a.12	Solar PV panel and mounting structure	USA	120 days ARO	1
B-2.a.13	Battery for station operation	USA	120 days ARO	1
B-2.a.14	Charge controller	USA	120 days ARO	1
B-2.a.15	Housing for data logger, battery and transmitting equipment Enclosure mounting and panel hole pattern for Orbital radio for future deployment	USA	120 days ARO	1
B-2.a.16	Cables, lightning protection and all other appurtenant equipment for complete station	USA	120 days ARO	1
B-3.a.1	Supply of VHF radio transmitter for existing stations Station: 15-AWS-2 - Hewanorra AWS Sutron	USA	120 days ARO	0
B-4.a	Supply of the following sensors and equipment for a Complete Automatic Weather Station: Stations: 23-AWS-1 - Barthe Nursery (replacement of existing station) 07-AWS-2 - Bordelais (replacement of broken station; old equipment is already removed)			
B-4.a.1	RN Sensor	USA	120 days ARO	2
B-4.a.2	AT / RH sensor	USA	120 days ARO	2

B-4.a.3	BP Sensor	USA	120 days ARO	2
B-4.a.4	SI Sensor	USA	120 days ARO	2
B-4.a.5	WS / WD sensor	USA	120 days ARO	2
B-4.a.6	LW Sensor	USA	120 days ARO	2
B-4.a.7	ST Sensor	USA	120 days ARO	2
B-4.a.8	SM Sensor	USA	120 days ARO	Included with ST Sensor
B-4.a.9	Data logger	USA	120 days ARO	2
B-4.a.10	VHF transmitter (OPTIONAL ITEM)	USA	120 days ARO	0
B-4.a.10.1	GOES transmitter	USA	120 days ARO	2
B-4.a.11	VHF antenna and pole	USA	120 days ARO	0
B-4.a.11.1	GOES antenna	USA	120 days ARO	2
B-4.a.12	Solar PV panel and mounting structure	USA	120 days ARO	2
B-4.a.13	Battery for station operation	USA	120 days ARO	2
B-4.a.14	Charge controller	USA	120 days ARO	2
B-4.a.15	Housing for data logger, battery and transmitting equipment Enclosure mounting and panel hole pattern for Orbital radio for future deployment	USA	120 days ARO	2
B-4.a.16	Cables, lightning protection and all other appurtenant equipment for complete station	USA	120 days ARO	2
B-5.a	Supply of the following sensors and equipment for a Complete Agricultural AWS Stations: 31-M-1 - Roseau 35-M-1 - Union Agri Station (upgrade to AWS)			
B-5.a.1	RN Sensor	USA	120 days ARO	2
B-5.a.2	EV Sensor/pan	USA	120 days ARO	2
B-5.a.3	AT / RH sensor	USA	120 days ARO	2
B-5.a.4	BP Sensor	USA	120 days ARO	2
B-5.a.5	SI Sensor	USA	120 days ARO	2

B-5.a.6	WS / WD sensor	USA	120 days ARO	2
B-5.a.7	DP Sensor	USA	120 days ARO	Software Algorithm in Datalogger
B-5.a.8	LW Sensor	USA	120 days ARO	2
B-5.a.9	ST Sensor	USA	120 days ARO	2
B-5.a.10	SM Sensor	USA	120 days ARO	Included with ST Sensor
B-5.a.11	Data logger	USA	120 days ARO	2
B-5.a.12	VHF transmitter	USA	120 days ARO	0
B-5.a.12.1	GOES transmitter	USA	120 days ARO	2
B-5.a.13	VHF antenna and pole (OPTIONAL ITEM)	USA	120 days ARO	0
B-5.a.13.1	GOES antenna	USA	120 days ARO	2
B-5.a.14	Solar PV panel and mounting structure	USA	120 days ARO	2
B-5.a.15	Battery for station operation	USA	120 days ARO	2
B-5.a.16	Charge controller	USA	120 days ARO	2
B-5.a.17	Housing for data logger, battery and transmitting equipment Enclosure mounting and panel hole pattern for Orbital radio for future deployment	USA	120 days ARO	2
B-5.a.18	Cables, lightning protection and all other appurtenant equipment for complete station	USA	120 days ARO	2
B-6.a	Supply of the following sensors and equipment for an Agricultural AWS without EV, WS, WD Station: 15-AWS-3 - Hewanorra Runway AWS			
B-6.a.1	RN Sensor	USA	120 days ARO	1
B-6.a.3	AT / RH sensor	USA	120 days ARO	1
B-6.a.4	BP Sensor	USA	120 days ARO	1
B-6.a.5	SI Sensor	USA	120 days ARO	1

B-6.a.7	DP Sensor	USA	120 days ARO	Software Algorithm in Datalogger
B-6.a.8	LW Sensor	USA	120 days ARO	1
B-6.a.9	ST Sensor	USA	120 days ARO	1
B-6.a.10	SM Sensor	USA	120 days ARO	Included with ST Sensor
B-6.a.11	Data logger	USA	120 days ARO	1
B-6.a.12	VHF transmitter (OPTIONAL ITEM)	USA	120 days ARO	0
B-6.a.12.1	GOES transmitter	USA	120 days ARO	1
B-6.a.13	VHF antenna and pole	USA	120 days ARO	0
B-6.a.13.1	GOES antenna	USA	120 days ARO	1
B-6.a.14	Solar PV panel and mounting structure	USA	120 days ARO	1
B-6.a.15	Battery for station operation	USA	120 days ARO	1
B-6.a.16	Charge controller	USA	120 days ARO	1
B-6.a.17	Housing for data logger, battery and transmitting equipment Enclosure mounting and panel hole pattern for Orbital radio for future deployment	USA	120 days ARO	1
B-6.a.18	Cables, lightning protection and all other appurtenant equipment for complete station	USA	120 days ARO	1
B-7.a	Supply of Spare part: Battery 75 Ah No specific station	USA	120 days ARO	2
C-1.a	Supply of bi-directional VHF radio for use at base station including power supply, antenna, mounting structure and all required cables Stations: 15-COM-1 - Hewanorra Base Station 34-COM-1 - Vigie Airport Base Station	USA	120 days ARO	0
C-2.a.1	Supply of PC computer for communication with stations via GOES. It is customer's responsibility to provide internet connection to download GOES data. 15-COM-1 - Hewanorra Base Station 34-COM-1 - Vigie Airport Base Station	USA	120 days ARO	2

C-2.a.2	Supply of software for communication with stations via VHF & GOES and data acquisition and management software. 15-COM-1 - Hewanorra Base Station 34-COM-1 - Vigie Airport Base Station	USA	120 days ARO	2
C-3.a	Supply battery for Global Water data logger according to Technical Specifications section 5.5.1, table 4 Stations: 03-WL-1 - Monchy WL 03-SP-1 - Monchy Soil Probe 1 x Spare	USA	120 days ARO	0
C-5.a	Supply of Hand-held magnetic-inductive flow meter for stream flow measurements of small and medium rivers according to Technical Specifications section 5.6, Table 5	USA	120 days ARO	1
C-5.a.1	Alternative Item Supply of Hand-held magnetic-inductive flow meter, type "AquaProfiler" for stream flow measurements of small and medium rivers according to Technical Specifications section 5.6, Table 5			Not Offered
C-6.a	Supply of Portable temperature and humidity meter according to Technical Specifications section 5.4, Table 3	USA	120 days ARO	1
C-7.a	Supply of Portable precision barometer according to Technical Specifications section 5.4, Table 3	USA	120 days ARO	1
C-8.a	Supply of Field rain gauge calibration equipment according to Technical Specifications section 5.4, Table 3	USA	120 days ARO	1
C-9.a	Supply of Tool-kits for field operation and maintenance works. See attached Bill of Materials for details.	USA	120 days ARO	2
C-10.a	Supply of Hand-held VHF Radio scanner according to Technical Specifications section 5.4, Table 3	USA	120 days ARO	0
C-11.a	Supply of Rugged outdoor tablet computer for field works according to Technical Specifications section 5.5.1, Table 4.	USA	120 days ARO	0
C-12.a	Supply of Rugged outdoor digital camera for field works according to Technical Specifications section 5.5.1, Table 4	USA	120 days ARO	0
C-13.a	Supply of Rugged outdoor hand-held GPS receiver to be used as altimeter for field works according to Technical Specifications section 5.4, Table 3	USA	120 days ARO	0

C-14.a	Supply of Soil Probe for replacement of broken existing soil probe. Parameters: SM. Current brand: Global Waters, Model: AT210 Soil Moisture Sensor (or equivalent) Station: 03-SP-1 - Monchy Soil Probe	USA	120 days ARO	0
C-15	Supply of spare part: Solar PV Panel for stations, including cables and mounting brackets according to Technical Specifications Section 5.5.1, Table 4.			
C-15.a.1	Panel size 10 Wp, 12VDC	USA	120 days ARO	3
C-15.a.2	Panel size 20 Wp, 12VDC	USA	120 days ARO	3
C-15.a.3	Panel size 50 Wp, 12VDC	USA	120 days ARO	3
C-16.a	Supply of Spare part: Solar PV charge controller	USA	120 days ARO	6
C-17.a	Supply of VHF data transmission radio repeater station according to Technical Specifications section 5.5.1, Table 4 Station: to be decided (spare part)	USA	120 days ARO	0
C-19.a	Supply of Spare part: Probes for water quality equipment Make: Thermo Scientific Model: Orion Star A325 According to Technical Specifications section 5.6 Table 5.	USA	120 days ARO	0
D-1.a	Supply of Security fence : 5 m x 5 m, >2 m height, including gate and locks as specified	USA	120 days ARO	0
D-2.a	Supply of Mast for climate station, 10 m high, with lightning protection	USA	120 days ARO	3
D-3.a	Optional Item Supply of support structure (cantilever) for Radar Water Level sensor	USA	120 days ARO	1
D-4.a	Software Configuration, Logger Configuration, and Engineering Services	USA	120 days ARO	1
D-5.a	3 M Tower for Water Level Station	USA	120 days ARO	1
E-1.a	Line of Sight Radio Path Study & Signal Strength Verification	USA	120 days ARO	0
E-2.a	Project Management	USA	120 days ARO	1
E-3.a	System Manual for Preventative and Corrective Maintenance	USA	120 days ARO	1
E-4.a	Airport Weather System Software Visualization and Synop, METAR, and Speci Message Generation. Includes 2 years of Remote Software Support.	USA	120 days ARO	0
E-5.a	Administrative Fees (Performance Bonds, Advanced Payment Bonds)	USA	120 days ARO	1

E-6.a	Shipping & Handling / Special Packaging	USA	120 days ARO	1
E-7.a	Freight	USA	120 days ARO	1