

REQUEST FOR QUOTATION LOCAL PURCHASE SECTION

RFQ NUMBER : 2332301470
DATE : 07.07.2023
REQ No : 1032301389
REQ TITLE : Soil Measuring System
DELIVERY LOCATION
CLOSING DATE : 24.07.2023
CLOSING TIME : 10:00:00

SL NO	ITEM CODE	SERVICE ID	DESCRIPTION	QTY	UOM	BRAND/ORIGIN	WARRANTY	UNIT PRICE	TOTAL PRICE
1		ITEM-00001	SOLAR ENERGY MEASUREMENT SYSTEM SEMS-PV / SEMS-2000 SERIES SOLAR ENERGY RESOURCE MAPPING, PV (PHOTOVOLTAICS), CSP (CONCENTRATED SOLAR POWER) AND CPV (CONCENTRATOR PHOTOVOLTAICS) SEMS SOLAR ENERGY MEASUREMENT SYSTEM SEMS-PV STATION MAKE & ORIGIN: GEONICA-SPAIN DELIVERY : 8-10 WEEKS MODEL METEODATA-4016CM-A DATALOGGER AUTOMATIC DATA ACQUISITION, TRANSMISSION, COMPACT, AND TELEPROGRAMMABLE UNIT, INCLUDING: 1. TRANSMISSION, COMPACT, AND TELEPROGRAMMABLE UNIT, INCLUDING: # MTD4K DATALOGGER, 32 CHANNELS # 3 COMMUNICATION SERIAL BUSES FOR SMART SENSORS # 16 SINGLE-ENDED OR 8 DIFFERENTIAL ANALOGUE INPUTS OR MIX # 5 COUNTERS OF 32-BIT # 4 DIGITAL INPUTS # 4 DIGITAL OUTPUTS # ETHERNET PORT & MODBUS TCP # 4G / 3G / GPRS MODEM # WI-FI FOR LOCAL MANAGEMENT WITH GEO-DATALINK APP, OR 2ND ETHERNE	1	G01				

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			T # GNSS / GPS RECEIVER # BLUETOOTH, USB PORT # DUAL INPUT REDUNDANT CHARGE CONTROLLER. UP TO 60 AH BATT # 2 X 9 AH INTERNAL BATTERY ES # IP66 ENCLOSURE, WIRING, MOUNTED AND FULLY TESTED. C3 PAINT # 100-240 VAC POWER SUPPLY SEE DOCUMENT 9722 0108 2. HMI-4000 ULTRA LOW POWER GRAPHIC MEMORY-DISPLAY LCD QVGA 4.4# & KEYBOARD FOR METEODATA-4000. SEE DOCUMENT 9722 0108 NOTE: WITH THE GEO-DATALINK AP P THERE IS NO NEED TO USE A DISPLAY AND KEYBOARD FOR LOCAL AND REAL TIME DATA ACCESS. THE STATION CAN BE ADMINISTRATED THROUGH WIFI INTERFACE BY USING ANY MOBILE DEVICE. 3. SENSORS MODBUS RTU BUS MODEL SMARTBOX SB-8CH-1 PASSIVE, 8 CHANNELS IP68 JUNCTION BOX 8 CHA NNELS FOR CONNECTION OF SENSORS, EXTENSION MODULES, OR ADAPTERS X 3 NOS 8 M MODBUS CABLE SET FOR SMARTBOX SB-8CH-1						

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			MODBUS INTERCONNECTION WITH METEODATA-4016 STATION. X 2 NOS EXTENSION MODULE GEO-97015 INCLUDING 6 PT100 / PT1000 (RTD) INPUTS SEE DOCUMENT 9722 0103 X 1 NOS 4. SOLAR RADIATION SENSORS MODEL CCAL POLY-CRYSTALLINE COMPENSATED CALIBRATED CELL FOR GLOBAL SOLAR RADIATION WITH INTERNAL TEMPERATURE COMPENSATION. VOLTAGE OUTPUT. 0-65 MV / RANGE 0-1000 W/M2 SEE DOCUMENT 9737 0155 X 2 NOS MODEL SP-101 TILTED ADJUSTABLE SUPPORT FOR PYRANOMETERS OR CALIBRATED CELLS FOR VERTICAL MAST MOUNTING WITH CLAMPS. CONTINUOUSLY ADJUSTABLE TILT FROM HORIZONTAL (0°) TO 90°. MADE OF 100% STAINLESS STEEL WITH OUTDOOR PAINT EXTRA PROTECTION. X 2 NOS 5. PYRANOMETERS MODEL GEO-SR20 THERMOELECTRIC PYRANOMETER ISO 9060 CLASS A (SECONDARY STANDARD), INCLUDING 20 M CABLE WITH						

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			CONNECTOR. SEE DOCUMENT 9734 0016 X 2 NOS MODEL SP-301 HORIZONTAL SUPPORT FOR PYRANOMETERS FOR TRACKER OR PV MODULE FRAME MOUNTING. MADE IN ALUMINIUM. X 2 NOS 6. PV MODULE SURFACE TEMPE RATURE SENSORS MODEL 285-PT100 TEMPERATURE SENSOR FOR FLAT SURFACE MOUNTS ON SOLAR PANELS, ETC. SEE DOCUMENT 9731 0007 - RANGE: -50 OC TO +100 OC - TOLERANCE: 1/3 DIN (BETTER THAN CLASS A) - 10 M CABLE - 4 WIRES X 8 NOS 7. PV MODULE SURFACE MOISTURE SENSORS MODEL GEO-LWTS-300 LEAF WETNESS AND TEMPERATURE SENSOR. - MODBUS RS485 OUTPUT - IP68 - TVS/ESD PROTECTION. - 2 M CABLE LENGTH - RANGE: 0 # 100%, RESOLUTION: 0.1%, ACCURACY: 5% - DIMENSION: 65 X 13 X 145 MM X 8 NOS 8. SOFTWARE PACKAGES GEO-DATAVIEW BASIC (GEO-DATALINK APP) MAIN FEATURES: # GEO-DATALINK IS A						

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			MOBILE APP COMPATIBLE WITH ANY IOS OR ANDROID TERMINAL (SMARTPHONE OR TABLET). # LOCAL & REM OTE COMMUNICATION WITH EACH STATION VIA BLUETOOTH, WI-FI, 4G / 3G / GPRS, ETHERNET. # DISPLAY REAL-TIME DATA AND DIAGNOSTIC INFORMAT ION IN GRAPHS AND TABLES # DATA DOWNLOAD (CSV) IN THE TERMINAL AND VIA FTP # EDIT STATION BASIC CONFIGURATION SETTINGS (MODBUS NODE, CALIBRATION CONSTANTS, NAME, ETC.) # SET A LINK BETWEEN THE STATION AND GEONICA#S CLOUD USING THE SMARTPHONE DATA FOR REMOTE SUPPOR T TASKS. SEE DOCUMENT 9780 0055 GEO-DATAVIEW PRO, INCLUDING: # GEO-DATALINK MOBILE APP # TELETRANS-W4K # SQL DATABASE MAIN FEATURES: # FOR THOSE CUSTOMERS WHO WANT TO MANAGE SEVERAL STATION NETWORKS AND HOST THE DATA IN THEIR OWN SERVERS. # TELETRANS-W4K APPLICATI						

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			ON MANAGES DATA STORAGE IN SQL DATABASE, AND ADVANCED CONFIGURATION OF STATIONS. IT INCLUDES A SENSOR LIBRARY TO EASILY INTEGRATE NE W SENSORS IN THE STATIONS MANAGED BY CUSTOMER. SEE DOCUMENTS 9780 0055 AND 9722 0108 9. OVERALL SYSTEM INTEGRATION AND QUALITY CONT ROL AT FACTORY FAT TESTING IN AUTO CERTIFICATION, WITH GEONICA ISO 9001 PROCEDURES, INCLUDING: # ALL SENSORS INTEGRATION AND TESTING , WIRING INCLUDED. # STATIONS CONFIGURATION AND TESTING # SENSORS WIRING DIAGRAMS # STATIONS MODBUS VARIABLE MAPS # STATION DOCUMENT ATION NOTE: IF THIRD PARTY CERTIFICATION IS NEEDED, THIS WILL BE QUOTED SEPARATELY. 10. INSTALLATION AND COMMISSIONING SERVICES REM OTE SUPERVISION TO INSTALLATION & COMMISSIONING AND TRAINING SERVICES SERVICE INCLUDES: # ONLINE TRAINING FOR						

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			INSTALLATION AND COMMISSIONING (4 HOURS) # REMOTE TECHNICAL SUPPORT FOR ALL INSTALLATION & COMMISSIONING, THIS INCLUDES: O SUPPORT FOR NEEDED CIVIL WORKS O DOCUMENTATION DETAILING ALL SENSORS WIRING TO STATION AND STATION CONNECTION POWER SUPPLY. O SUPPORT FOR SYSTEM MOUNTING AND WIRING O SUPPORT FOR COMMISSIONING # REMOTE CONNECTION TO STATION TO CHECK CORRECT OPERATION. # REMOTE INSTALLATION OF GEO-DATAVIEW PRO SOFTWARE PACKAGE						
2		ITEM-00001	810275-01 RDE 300I - STRING CONNECTED X 8 NOS 810230-20 MARS SOILING SENSOR X 5 NOS 830303-010 CABLE, 10M, POWER & RS485 X 13 830261 -010 CABLE, 10M, M12 ETHERNET X 5 810277 CONFIGURATION KIT X 1 NOS MAKE & ORIGIN: ATONOMETRICS, INC -USA DELIVERY : 8-10 WEEKS	1	G01				
3		ITEM-00001	SUPPLY OF BACK SHEETS OF ALUMINUM FOIL 8 SHEET	8	G01				

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TOTAL AMOUNT IN WORDS:

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SPECIAL NOTES / INSTRUCTIONS:

Soil Measuring System

STANDARD TERMS & CONDITIONS

- 1) Prices should be 'DDP' delivery duty paid at DEWA stores.
- 2) Quotation to be submitted only in local currency U.A.E Dirhams
- 3) DEWA Standard payment terms is '30 days credit' from the date of acceptance of material
- 4) No DEWA staff or his or her relatives up to third degree should have ownership or partnership in your company, and your participation in DEWA tenders / RFQs should not constitute a Conflict or perceived Conflict of Interest.
- 5) The offered product and/ or services in the Quotation, shall be conforming and in accordance with DEWA Energy Management Policy & EnMS Manual.

SUPPLIER'S REMARKS :

SUPPLIER'S SIGNATURE AND STAMP