



Republic of the Philippines  
GENERAL SANTOS CITY WATER DISTRICT  
E. Fernandez Street, Barangay Lagao General Santos  
Telephone No.: 552-3824; Telefax No.: 553-4960  
Email Address: gscwdprocurement@yahoo.com

GPM-014-2

**REQUEST FOR QUOTATION**

RFQ #: 3-0523-073      DATE: 5/30/2023

SUPPLIER: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
TELEPHONE NO. : \_\_\_\_\_  
TIN NO. : \_\_\_\_\_

Dear Sir/Madam,

Pls. quote your lowest price on the item/s listed below subject to general condition stating the shortest time of delivery and submit your quotation duly signed by your representative not later than 6/5/2023, Pls. furnish this office the following articles subject to the terms and conditions contained therein.

ITEM NO.	DESCRIPTION	QTY.	UNIT	UNIT PRICE
1	PORTABLE LEAK NOISE CORRELATOR : SEE ATTACHED TECHNICAL SPECIFICATIONS-ABC: PHP 500,000.00 ##### nothing follows #####	1	pc	P

Date of Delivery: \_\_\_\_\_  
Price Validity : \_\_\_\_\_  
Terms of Payment: \_\_\_\_\_


Place of Delivery: GSCWD Bodega

\*\*\*\*\*No partial delivery allowed\*\*\*\*

Note: 6% WITHHOLDING TAX DEDUCTION

PR NO.: 0523-018

Requested by:

  
**GESEM R. CABAÑERO**  
MATERIAL PROCUREMENT  
OFFICER A

Price quoted by:

\_\_\_\_\_  
Supplier

\_\_\_\_\_  
Date

**TECHNICAL SPECIFICATIONS OF LEAK-NOISE CORRELATOR ( INTEGRATED TO EXISTING EUREKA 3 GROUND MICROPHONE)**

**SPECIFICATIONS**

**A. CORRELATOR**

**APPLICATION PERFORMANCE**

Time delay range	: ±2500ms
Frequency response	: 3Hz - 5000Hz
Signal Sampling	: 16 bit
Maximum Distance	: Iron pipe; 3000 metre
	: PVC pipe; 1300 metre
Multiple pipe entry	: Maximum six materials
Noise Suppression	: Yes
Coherence Function	: Yes
Velocity correction function	: Yes
Leak noise post-processing	: Via Web Upload

**RECEIVER**

Radio frequency range	: 407 - 472MHZ
Battery	: 7.2VDC 3.2Ah 23-25Wh – not user replaceable
Battery operating time	: 7 hours approx.
Recharge time	: 3 hours approx
Charger DC input	: 12VDC (15VDC max) 1.5A max (fitted with 3.5A fuse)
Dimensions	135mm x 138mm x 36mm
Weight	0.69kg
Operating temperature range	-10°C to +50°C
Protection rating	: IP67
Relative Humidity	: 5-95% max
Altitude	: 2000m max

**TRANSMITTER**

Radio frequency range	: 407 - 472MHZ
Power output	0.5 W / 50mW
Battery operating time	: 12 hours
Recharge time	: 3 hours
Integral accelerometer sensor	: Yes
Protection rating	: IP67
Weight	0.52 kg
Operating temperature	: -10°C to +50°C

**ACCELOMETER SENSORS**

Sensitivity	: 10 V/g
Cable length	: 2 metres
Frequency response	: 0 - 2400Hz
Protection rating	: IP68

**BATTERY CHARGER**

Transport case	: Ruggedised with in-case battery charging
Mains charger	: 110/240 VAC
Vehicle charge	: 12 VDC

Correlator Feature	: Use Define Filter
	: Street Working friendly
	: Velocity correction function
	: Powerful new Adaptive filter option
	: Wireless Connection receiver to to tablet via WIFI
	: Audio Recording
	: GPS Location for Sensor
	: Correlator App Software

**B. ACCESSORIES**

Android Tablet	
Sensor extension cables	
Magnetic vehicle mount antenna	
Measuring wheel	

<b>C. ADDITIONAL REQUIREMENTS</b>	
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| 1. The manufacturer should have ISO 14001:2004 and 9001:2008 certificate       |  |
| 2. The Supplier shall have ISO 9001 – 2015 accreditation certificate           |  |
| 3. Warranty certificate  |  |
| 4. Original or computer-generated product catalogue/brochure                   |  |
| 5. The supplier should submit authority to bid from the manufacturer           |  |
| 6. Supplier should submit an original copy of Operation and Maintenance Manual |  |

<b>D. TESTING</b>	
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In the presence of owner, the necessary field testing should be conducted by the qualified technician of the supplier in leak detection.	
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<b>E. TRAINING</b>	
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Supplier should conduct personnel trainings on equipment usage, handling and maintenance for 1 day	
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Prepared by:

  
JOHN REY M. CAWIT  
TWG-MEMBER

Noted by:

  
MICHAEL G. GABALES, REE  
TWG-HEAD