Item	description	QTY
1	- Portable GC/MS System A. system must be capable of being carried by a single individual to a sampling point for the purposes of sampling and analyzing air samples form multi locations. System when carried , must weigh no more than thirty-five(42) pounds/20kg, including power supply, carrier gas cylinder , internal standard cylinder , and pumping system. B. System will include carrying strap and backpack unit for single individual transport C. System to have removable and rechargeable battery System for remote operation D. Full-scan methods, SIM, leak check, MS-only, and survey modes are to be standard II. Sampling system- A. System will sample using a gas-sampling loop for direct air analysis of VOCs. B. For trace level of VOC analysis, microtrap injection mode will allow for sample pre-concentration. C. System will draw air into unit-in pumping System through heated transfer line. D. System will introduce air sample into GC via 0.5cc sample loop. E. Water sampling for VOCs is accomplished using a Situ Probe attachment for pure and trap. F. Sampling VOCs in soil is done using a headscope sampler. - Power Supply : Rechargeable NiMH battery pack or AC converter - Battery Life : 2.5 – 3 hrs - Internal Power Consumption : 24 V(ds), 30 watts at normal operation conditions - Hard Drive :16 GB Solid State Hard Drive (internal), 512MB USB - Flash Drive : 512MB USB - Display : Drawar Color Touch 4” (H) x 5 1/4” (W) Display - Sample Introduction : Direct / internal sample pump - Carrier gas : Nitrogen -Data System : Intel ® Pentium® processor and external Windows® based laptop	1 1 1

Item	description	QTY
	- Communication : 802. 11G wireless; Ethernet Cable Library : National Institure of Standard and Technology (NIST) and AMDIS Mass Spectral Libraries ; NIOSH Smart Tune : diagnostic sofetware routine for self –tuning, and preparing for sample analyses -Detection Limits : <ppt for most analytes -Mass range: 45-300 AMU -Scan range:1000 AMU/sec @ 10 points per AMU -Ionzation mode :70 Ev EI -Detector: Electron Multiplier -Vacuum system :non- evaporative getter pump (NEG) -Dynamic range :7 decades -Temperature programmable GC column: 45°c-225°c -GC column: 15 M ,RTx- 1MS, 0.25 mm i.d., 1.0um df -The offer should including instillation in our sit - The offer should including training course period one week for two person	3