

Lot 1- Supply and Delivery of various Chemicals

| PR no. LSD- 367 | | | | | |
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| Item No. | Description | Qty | Unit | Unit Cost | Total Cost |
| 1 | EC Standard NIST Traceable with Certificate of Analysis, 84uS/cm, 500 ml/bottle - at least 1 year expiration date from date of delivery | 1 | Bottle | 4,500.00 | 4,500.00 |
| 2 | EC Standard NIST Traceable with Certificate of Analysis, 12.88mS/cm, 500ml/bottle - at least 1 year expiration date from date of delivery | 1 | Bottle | 4,500.00 | 4,500.00 |
| 3 | EC Standard NIST Traceable with Certificate of Analysis, 147uS/cm, 500 ml/bottle - at least 1 year expiration date from date of delivery | 1 | Bottle | 4,500.00 | 4,500.00 |
| 4 | EC Standard NIST Traceable with Certificate of Analysis, 1413uS/cm, 500 ml/bottle - at least 1 year expiration date from date of delivery | 1 | Bottle | 4,500.00 | 4,500.00 |
| 5 | Sodium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle - at least 1 year expiration date from date of delivery | 1 | Bottle | 6,000.00 | 6,000.00 |
| 6 | Lactophenol cotton blue, fungal stain, 30ml capacity | 1 | bottle | 2,500.00 | 2,500.00 |
| 7 | Laboratory grade Acetone alcohol , 1L | 1 | bottle | 1,500.00 | 1,500.00 |
| 8 | Ethanol, AR ≥ 95% 4L/bottle | 10 | bottle | 3,500.00 | 35,000.00 |
| 9 | Ammonium Nitrate, AR 1kg/bottle | 2 | bottle | 14,900.00 | 29,800.00 |
| | BLACK SOILS Project (Regular) | | | | |
| 10 | Copper Standard(NIST Traceable with Certificate of Analysis), 500mL/bottle - at least 1 year expiration date from date of delivery | 1 | Bottle | 6,000.00 | 6,000.00 |
| 11 | Iron Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle - at least 1 year expiration date from date of delivery | 1 | Bottle | 6,000.00 | 6,000.00 |
| 12 | Manganese Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle - at least 1 year expiration date from date of delivery | 1 | Bottle | 6,000.00 | 6,000.00 |
| 13 | Zinc Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle - at least 1 year expiration date from date of delivery | 1 | Bottle | 6,000.00 | 6,000.00 |
| 14 | Calcium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle - at least 1 year expiration date from date of delivery | 1 | Bottle | 6,000.00 | 6,000.00 |

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| 15 | Magnesium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle - at least 1 year expiration date from date of delivery | 1 | Bottle | 6,000.00 | 6,000.00 |
| 16 | Formaldehyde stabilizes 10% formalin solution, ACS reagent 5L | 1 | bottle | 3,000.00 | 3,000.00 |
| 17 | Nitric Acid, AR, 2.5L/bottle $\geq 68\%$ | 1 | bottle | 12,000.00 | 12,000.00 |
| | PD 1435 | | | | |
| 18 | Potassium Standard (NIST Traceable with Certificate of Analysis), 500mL/bottle - at least 1 year expiration date from date of delivery | 2 | Bottle | 6,000.00 | 12,000.00 |
| 19 | Phosphorus Standard, 500ml/bottle, NIST Traceable with Certificate of Analysis - at least 1 year expiration date from date of delivery | 2 | Bottle | 6,000.00 | 12,000.00 |
| 20 | Ethanol, AR $\geq 95\%$ 4L/bottle | 5 | bottle | 3,500.00 | 17,500.00 |
| PR No. SCMD 100 | | | | | |
| 21 | Ammonium Fluoride, AR 500g/bot - at least 1 year expiration date from date of delivery with certificate of analysis, safety data sheet, and expiry date/shelf life | 1 | bottle | 8,000.00 | 8,000.00 |
| 22 | Activated Charcoal, AR, Phosphate free, 1kg/bottle | 1 | bottle | 9,000.00 | 9,000.00 |
| 23 | NIST Traceable - AAS Standard - Na, 500mL (1000ppm) at least 1 year expiration date from date of delivery with Certificate of Analysis, Safety Data Sheet, and expiry date/ shelf life | 1 | bot | 6,000.00 | 6,000.00 |
| 24 | NIST Traceable - AAS Standard - K, 500mL (1000ppm) at least 1 year expiration date from date of delivery with Certificate of Analysis, Safety Data Sheet, and expiry date/ shelf life | 1 | bot | 6,000.00 | 6,000.00 |
| 25 | NIST Traceable - AAS Standard - Ca, 500mL (1000ppm) at least 1 year expiration date from date of delivery with Certificate of Analysis, Safety Data Sheet, and expiry date/ shelf life | 1 | bottle | 6,000.00 | 6,000.00 |
| 26 | NIST Traceable - AAS Standard - Mg, 500mL (1000ppm) at least 1 year expiration date from date of delivery with Certificate of Analysis, Safety Data Sheet, and expiry date/ shelf life | 1 | bottle | 6,000.00 | 6,000.00 |

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| 27 | NIST Traceable - AAS Standard - Cu, 500mL (1000ppm) at least 1 year expiration date from date of delivery with Certificate of Analysis, Safety Data Sheet, and expiry date/ shelf life | 1 | bottle | 6,000.00 | 6,000.00 |
| 28 | NIST Traceable - AAS Standard - Fe, 500mL (1000ppm) at least 1 year expiration date from date of delivery with Certificate of Analysis, Safety Data Sheet, and expiry date/ shelf life | 1 | bottle | 6,000.00 | 6,000.00 |
| 29 | NIST Traceable - AAS Standard - Mn, 500mL (1000ppm) at least 1 year expiration date from date of delivery with Certificate of Analysis, Safety Data Sheet, and expiry date/ shelf life | 1 | bottle | 6,000.00 | 6,000.00 |
| 30 | NIST Traceable - AAS Standard - Zn, 500mL (1000ppm) at least 1 year expiration date from date of delivery with Certificate of Analysis, Safety Data Sheet, and expiry date/ shelf life | 1 | bottle | 6,000.00 | 6,000.00 |
| 31 | Phosphorus std for AAS , 1000 ppm 250-500 mL/bottle, NIST traceable at least 1 year expiration date from date of delivery with Certificate of Analysis, Safety Data Sheet, and expiry date/ shelf life | 1 | bottle | 6,000.00 | 6,000.00 |
| 32 | Diphenylamine 100g/bot A.R. Grade | 2 | bottle | 5,000.00 | 10,000.00 |
| 33 | pH Buffer Solution (NIST Traceable) for: pH 7.00 clear/non-colored solution 1L- with Certification of analysis at least 1 year expiration date from date of delivery | 2 | bottle | 2,000.00 | 4,000.00 |
| 34 | pH Buffer Solution (NIST Traceable) for: pH 4.00 (clear/non-colored); 1L-with Certification of analysis at least 1 year expiration date from date of delivery | 2 | bottle | 2,000.00 | 4,000.00 |
| 35 | pH Buffer Solution (NIST Traceable) for: pH 10.00 (clear/non-colored); 1L- with Certification of analysis at least 1 year expiration date from date of delivery | 2 | bottle | 2,000.00 | 4,000.00 |
| 36 | Standards (NIST Traceable) for: EC Standard, 147uS/cm, 500 ml-with Certification of analysis at least 1 year expiration date from date of delivery | 1 | bottle | 4,500.00 | 4,500.00 |

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| 37 | Standards (NIST Traceable) for: EC Standard, 1413uS/cm, 500 ml-with Certification of analysis at least 1 year expiration date from date of delivery | 1 | bottle | 4,500.00 | 4,500.00 |
| 38 | Nitrile gloves, 100's/box Small | 7 | box | 500.00 | 3,500.00 |
| 39 | Nitrile gloves, 100's/box medium | 8 | box | 500.00 | 4,000.00 |
| 40 | Nitrile gloves, 100's/box Large | 7 | box | 500.00 | 3,500.00 |
| 41 | N95 mask. 30 pcs/ pack- FDA Approved | 3 | pack | 3,000.00 | 9,000.00 |
| 42 | Nutrient Agar (500g/bottle) | 4 | bottle | 7,500.00 | 30,000.00 |
| 43 | Rose Bengal Chloramphenicol Agar (500 g) | 4 | bottle | 10,000.00 | 40,000.00 |
| 44 | 70% Ethyl Alcohol; Antiseptic Disinfectant with Moisturizer | 5 | Gallon | 800.00 | 4,000.00 |
| 45 | 95% Ethyl Alcohol; Antiseptic Disinfectant with Moisturizer | 5 | Gallon | 800.00 | 4,000.00 |
| PR no. SWRRD 318 | | | | | |
| 46 | Magnesium chloride,AR, 1kg | 4 | bottle | 4,000.00 | 16,000.00 |
| 47 | Potassium chloride, AR, 500g | 5 | bottle | 1,500.00 | 7,500.00 |
| 48 | Sodium carbonate, AR, 500g | 5 | bottle | 1,500.00 | 7,500.00 |
| 49 | Ethylene glycol, AR, 2.5L | 4 | bottle | 2,750.00 | 11,000.00 |
| 50 | Glycerol, AR, 2L | 4 | bottle | 5,500.00 | 22,000.00 |
| 51 | Magnesium nitrate hexahydrate, AR, 500g | 4 | bottle | 4,000.00 | 16,000.00 |
| PR no. LUPEZ 427 | | | | | |
| 52 | White Acetic Acid (4.1652% acidity) | 700 | pc | 48.00 | 33,600.00 |
| 53 | Hydroponics Solution (500ml/bottle) Authentic Snap Hydroponics Solution from UPLB Used for Hydroponics Plant Sold per set- 1 set consist of 500ml Solution A and 500ml Solution B Good for approx. 200L of Water | 30 | set | 550.00 | 16,500.00 |
| 54 | Hydroponics Solution for Lettuce (500ml/bottle) Specific solution for lettuce Sold per set- 1 set consist of 500ml Solution A and 500ml Solution B | 15 | set | 450.00 | 6,750.00 |
| 55 | (Total Dissolve Solid)TDS Standard Solution NaCl (90ml), 1000ppm | 3 | Bottle | 945.00 | 2,835.00 |
| TOTAL: | | | | | 524,985.00 |