



Republic of the Philippines
Department of Agriculture
BUREAU OF SOILS AND WATER MANAGEMENT
SRDC Bldg., Elliptical Road corner Visayas Avenue,
Diliman, Quezon City

SUPPLEMENTAL BID BULLETIN
ADDENDUM NO. 2021-02-012-01

This Addendum is issued to modify items in the Bid Documents. This shall form an integral part of the Bid Documents. The following agreements and reminders were discussed during the Pre-Bid Conference held last **March 2, 2021** for the **Supply and Delivery of various Chemicals and laboratory supplies for CY 2021** with an ABC of:

Lot 1- Supply and Delivery of various Chemicals in the amount of One Million Sixty-One Thousand Five Hundred Pesos (Php 1,061,500.00)

Lot 2- Supply and Delivery of various Laboratory supplies of One Million Two Hundred Thousand One Hundred Seventy-Six and 50/100 Pesos (Php 1,200,176.50)

The Bureau is now adopting the GPPB Resolution No. 16-2020 dated September 16, 2020 (Simplified PBDs shall be used for Competitive Bidding of Procurement Projects that will be posted upon its effectivity on 06 October 2020).

AGREEMENTS AND REMINDERS DURING THE PRE-BID CONFERENCE:

A. REVISION ON TECHNICAL SPECIFICATION:

Lot 1- Supply and Delivery of various Chemicals

| Item # | Item Description |
|--------|---|
| | PR 2021-00-0090 SWRRD -OAP SHA |
| 1 | Sodium Hydroxide, analytical grade , 1 kilo/pack (solid, white, pellets) |
| 2 | Potassium Dichromate, AR: 99.5-99.9%, 500 grams/bottle |
| 3 | Sulfuric acid, AR: 98%, 2.5L/bottle |
| 4 | Phosphoric acid, AR: 85%, 2.5L/bottle |
| 5 | Ferrous Sulfate Heptahydrate, AR:99% pure, 500 grams/bottle |
| 7 | Ammonium Paramolybdate, AR:99.5% (extrapure), 500grams/bottle |
| 8 | Boric Acid, AR: 99.5% , 500 grams/bottle |
| 9 | Perchloric acid, AR: 70%, 2.5L/bottle |
| 10 | Ammonium acetate, AR:98% (extrapure), 500 grams /bottle |
| 11 | Potassium sulfate (K ₂ SO ₄). AR:99.5% (extrapure), 500grams/bottle |
| 12 | Potassium Permanganate, reagent grade, 500 grams/ bottle |
| 13 | Nitric Acid, AR: 65-70% , 2.5 L /bottle |
| 14 | Phosphorus Standard for AAS,1000 ppm, 250ml/ bottle, NIST traceability with Certification of analysis |
| 15 | Calcium Standard for AAS,1000 ppm, 250ml/ bottle, NIST traceability with Certification of analysis (Total requirement of 250ml-packaging of 125ml or 250ml) |
| 16 | Magnesium Standard for AAS,1000 ppm,250ml/ bottle, NIST traceability with Certification of analysis (Total requirement of 250ml-packaging of 125ml or 250ml) |
| 17 | Potassium Standard for AAS,1000 ppm,250mL/bottle, NIST Traceability with Certification of analysis (Total requirement of 250ml-packaging of 125ml or 250ml) |
| 18 | Manganese Standard for AAS,1000 ppm, 250mL/bottle, NIST Traceability with Certification of analysis (Total requirement of 250ml-packaging of 125ml or 250ml) |

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| 19 | Iron Standard for AAS, 1000 ppm, 250mL/bottle, NIST Traceability with Certification of analysis (Total requirement of 500ml-packaging of 125ml or 250ml) |
| 20 | Zinc Standard for AAS, 1000 ppm, 250mL/bottle, NIST Traceability with Certification of analysis (Total requirement of 500ml-packaging of 125ml or 250ml) |
| 21 | Sodium Standard for AAS, 1000 ppm, 250mL/bottle, NIST Traceability with Certification of analysis (Total requirement of 250ml-packaging of 125ml or 250ml) |
| 22 | Nutrient Agar (500g/bottle) |
| 23 | Agar powder, 500 g/btl |
| 24 | Cellulose Acetate Syringe filter (50/box) Sterile, diameter 25mm , Pore size 0.2um |
| | PR 2021-00-0090 SWRRD -OAP BCHA |
| 25 | sulfuric acid AR 98% 2.5L |
| 26 | sodium hexametaphosphate laboratory grade 250 g/bot |
| 27 | Diethylene Penta-acetic acid (DTPA) AR grade 100 g/bottle |
| 28 | QRM for soil physical analysis (hydrometer method)History proficiency Test samples (QRM) for Soil Physical parameters- with Certification of analysisSRS 2001 (4 bottles, 1kg/bot)SRS 2002 (4 bottles, 1kg/bot) |
| | PR 2021-00-0090 SWRRD -OAP SES |
| 29 | L-lysine Monohydrochloride, 100 g |
| | PR 2021-00-0090 SWRRD - R & D RICE |
| 30 | Nutrient Agar (500g/bottle) |
| 31 | Agar powder, 500 g/btl |
| 32 | Potato Dextrose powder, 500 g/btl |
| 33 | Peptone, 500 g/btl |
| 34 | KH ₂ PO ₄ , 500 g/btl |
| 35 | MgSO ₄ , 500 g/btl |
| | PR 2021-00-0090 SWRRD -SALINITY REG |
| 36 | iso-amyl alcohol, 1 liter |
| | PR 2021-00-0036 SCMD -R & D RICE |
| 37 | pH Buffer Solution (NIST Traceable) for: pH 7.00 (yellow); 1L- with Certification of analysis |
| 38 | pH Buffer Solution (NIST Traceable) for: pH 4.00 (pink); 1L- with Certification of analysis |
| 39 | pH Buffer Solution (NIST Traceable) for: pH 10.00 (blue); 1L- with Certification of analysis |
| 40 | Standards (NIST Traceable) for: EC Standard, 147uS/cm, 500 ml- with Certification of analysis |
| 41 | Standards (NIST Traceable) for: EC Standard, 1413uS/cm, 500 ml- with Certification of analysis |
| 42 | AAS Standards (1000mg/L, NIST Traceable) for: Calcium, 500ml- with Certification of analysis |
| 43 | AAS Standards (1000mg/L, NIST Traceable) for: Copper, 500ml- with Certification of analysis |
| 44 | AAS Standards (1000mg/L, NIST Traceable) for: Iron, 500ml- with Certification of analysis |
| 45 | AAS Standards (1000mg/L, NIST Traceable) for: Magnesium, 500ml with Certification of analysis |
| 46 | AAS Standards (1000mg/L, NIST Traceable) for: Manganese, 500ml with Certification of analysis |
| 47 | AAS Standards (1000mg/L, NIST Traceable) for: Phosphorus, 500ml with Certification of analysis |
| 48 | AAS Standards (1000mg/L, NIST Traceable) for: Potassium, 500ml with Certification of analysis |
| 49 | AAS Standards (1000mg/L, NIST Traceable) for: Sodium, 500ml with Certification of analysis |
| 50 | AAS Standards (1000mg/L, NIST Traceable) for: Zinc, 500ml with Certification of analysis |
| 51 | Ammonium Nitrate, 500g |
| 52 | Ammonium Sulfate, 500g |
| 53 | Ascorbic Acid, 250g |
| 54 | Boric Acid, AR, 500g |
| 55 | Copper sulfate pentahydrate, AR, 500g |
| 56 | Diethyltriaminepentaacetic acid (DTPA), 100g |
| 57 | Ferric Chloride, 500g AR |
| 58 | Magnesium Sulfate, AR, 500g |
| 59 | Phenolphthalein, AR, 500g |
| 60 | Sodium hydroxide pellets, AR, 1kg |
| 61 | Ethanol 99% 2.5L |
| 62 | Lysine 100g |
| | PR 2021-02-0281 LSD Cont. |
| 63 | Activated Charcoal, AR, Phosphate free, 1kg/bottle |
| 64 | Aluminum Chloride hexahydrate, AR, 99%, 100 g/bottle |
| 65 | Ammonium Fluoride, AR, 500g/bottle |
| 66 | Ascorbic Acid, AR, 100g/bottle |
| 67 | Copper sulfate pentahydrate, AR, 500g/bottle |
| 68 | Diethyltriaminepentaacetic acid (DTPA), AR, 100g/bottle |

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| 69 | Ethylenediamine Tetraacetic acid, AR, 500g/bottle |
| 70 | Ethanol AR $\geq 95\%$ 4 L/bottle |
| 71 | Magnesium Chloride, AR, 1kg/bottle, AR |
| 72 | Phenolphthalein, 500g/bottle, AR |
| 73 | Potassium Chromate, AR, 500g/bottle |
| 74 | Potassium Hydrogen Phthalate, 500 g/bottle |
| 75 | Potassium Sulfate, AR, 500g/bottle |
| 76 | Potassium carbonate, 500g/bottle, AR |
| 77 | Glucose, D-(+)- Glucose anhydrous, AR, 500g/bottle |
| 78 | Nitric Acid, AR, 2.5L, bottle $\geq 68\%$ |
| 79 | Sulfuric Acid, AR, Concentrated 2.5 L/bottle |
| 80 | Glacial Acetic Acid, AR, 2.5L/bottle, $\geq 99\%$ |
| 81 | Multi-element Standard 1 (elements in Mehlich 3) NIST Traceable with Certificate of Analysis. 500mL/bottle 10 ppm K, 50 ppm Ca, 10 ppm Na, 10ppm Mg and 10ppm Fe, 2 ppm Mn, 2ppm Cu and 2ppm Zn. |
| 82 | Multi-element Standard (elements in Mehlich 3) NIST Traceable with Certificate of Analysis. 500mL/bottle 25 ppm K, 100 ppm Ca, 50 ppm Mg, 25 ppm Na and 25ppm Fe, 5 ppm Mn, 5ppm Cu and 5ppm Zn |
| 83 | ICP-OES Multi-element Standard (elements in Mehlich 3) NIST Traceable with Certificate of Analysis. 500mL/bottle 50 ppm K, 500 ppm Ca, 50 ppm Na and Fe, 100 ppm Mg, 10 ppm Mn, Cu and Zn. |
| TOTAL: | |

Note: Expiration date shall be not earlier than April 2022

Lot 2- Supply and Delivery of various Laboratory supplies

| Item # | Item Description |
|--------|--|
| | PR 2021-00-0090 SWRRD -OAP SHA |
| 1 | Filter paper, Ashless, #42, 125mm, 100 circles |
| 2 | Pipette tips, Polypropylene, sterile, standard style, volume up to 1mL (96pcs/ rack/box)) |
| | PR 2021-00-0090 SWRRD -OAP BCHA |
| 3 | Dishwashing liquid soap |
| 4 | hand bar antibacterial soap 4 oz |
| 5 | Liquid detergent, phosphate free, 4 liters |
| 6 | Laboratory gown, 3/4 sleeves, 5 buttoned, collared, cotton material with 2 side pockets with embroidered name, (color white) size will be measured to the actual size of laboratory personnel |
| 7 | Laboratory gown, short sleeves, 5 buttoned, collared, cotton material with 2 side pockets with embroidered name, (color white) size will be measured to the actual size of laboratory personnel |
| 8 | Laboratory footwear rubber open heels, white feature: slip resistant, puncture resistant antistatic outsole material: PU material microfiber insoles EVA size will be measured by the bidder to the actual size of laboratory personnel |
| 9 | thermometer for compost Crystal: Unbreakable plastic Stem: 304 stainless steel Head and Bezel: Polished type 302 stainless steel Dial: Anodized aluminum Accuracy: $\pm 1\%$ of full scale Maximum Head Temperature: 93°C (200°F) Dimensions: 76 mm (3") diameter dial; 6.35 mm (1/4") or 7.94 mm (3/16") diameter stem |
| 10 | micropipette 10 ml (2-10 ml) mechanical autoclavable pipette, single channel adjustable volume |
| 11 | micropipette 5 ml (1000-5000 μ L) mechanical autoclavable pipette, single channel adjustable volume |
| 12 | Non-lint wipes 280 sheet/box (11x21 cm) |
| 13 | Gloves, Latex free, powder free, protein free and fingered texture, 100pcs/box |
| 14 | graduated cylinder class A 1000 ml calibrated in accordance with ASTM |
| | PR 2021-00-0090 SWRRD -OAP SES |
| 15 | Filter Paper, Ashless #42, 100 circles/box, 125mm diameter |
| 16 | N95 mask. 30 pcs/ pack- FDA Approved |

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| 17 | Micropipette 1 mL (100-1000µL) Pipette,Single Channel Adjustable volume | Mechanical Autoclavable |
| 18 | Micropipette 5mL (1000-5000µL) Pipette,Single Channel Adjustable volume | Mechanical Autoclavable |
| 19 | Micropipette 10 mL (2-10 mL) Pipette,Single Channel Adjustable volume | Mechanical Autoclavable |
| 20 | Sample Distillation tube 300 mL, round bottom reaction vessel, Height 26.5cm, mouth internal diameter: 4.5cm | |
| PR 2021-00-0090 SWRRD - R & D RICE | | |
| 21 | Micropipette 1 mL (100-1000µL) Mechanical Autoclavable Pipette,Single Channel Adjustable volume | |
| 22 | Micropipette 5mL (1000-5000µL) Mechanical Autoclavable Pipette,Single Channel Adjustable volume | |
| 23 | Micropipette 10 mL (2-10 mL) Mechanical Autoclavable Pipette,Single Channel Adjustable volume | |
| 24 | Filter Paper, Ashless #42, 100 circles/box, 125mm diameter | |
| PR 2021-00-0032 SCMD -OAP TILLAGE | | |
| 25 | Filter paper: Grade: 42; Format: sheets; Ashless(Nominal Ash Content: 0.007%); High-quality cotton linters (Circles) Packaging: 100 pcs/box Parameter: 0.40 psi wet burst Diameter: 110mm Thickness: 200 µm Pore Size: 2.5 µm (particle retention) Basis Weight: 100 g/m ² | |
| PR 2021-00-0016 BULACAN REG | | |
| 26 | ACCESS TUBE- 554mm 28mm diameter, fiberglass tube for installation in augered, includes cap, bung and collar, for use with 40cm profile probe | |
| PR 2021-00-0068 LSD REG | | |
| 27 | kitchen Towel, 2 ply 70 pulls x 6 rolls/pack | |
| 28 | Instant oats, 1kg/pack | |
| 29 | Gulaman bars, white, 2pcs/pack, 16g | |
| 30 | Gulaman Powders, white, 10packs/box | |
| 31 | Polypropylene plastic bag, crystal clear, size: 6x12, thickness: 0.002, Apprx. Qty: 500 pcs/pack | |
| SWRRD 2021-00-0080- OAP-SHA | | |
| 32 | Aluminum moisture cans, 2" diam. x 7/8" h. (51 x 22 mm), 12pcs per box | |
| 33 | Square shaped weighing boat, antistatic and made from impact polystyrene, white, L x W x H 135 mm x 135 mm x 20 mm, 100pcs per pack | |
| 34 | Square shaped weighing boat, antistatic and made from impact polystyrene, white, L x W x H 86 mm x 86 mm x 25 mm, 100 pcs per pack | |
| 35 | Square shaped weighing boat, antistatic and made from impact polystyrene, white, L x W x H 40 mm x 40 mm x 8 mm, 100 pcs per pack | |
| 36 | Square shaped weighing boat, antistatic and made from impact polystyrene, white, 81 mm x 81 mm x 18 mm, 100 pcs per pack | |
| SWRRD 2021-00-0080- R and D Rice | | |
| 37 | Aluminum moisture cans, 2" diam. x 7/8" h. (51 x 22 mm), 12pcs per box | |
| 38 | Square shaped weighing boat, antistatic and made from impact polystyrene, white, L x W x H 135 mm x 135 mm x 20 mm, 100pcs per pack | |
| 39 | Square shaped weighing boat, antistatic and made from impact polystyrene, white, L x W x H 86 mm x 86 mm x 25 mm, 100 pcs per pack | |
| 40 | Square shaped weighing boat, antistatic and made from impact polystyrene, white, L x W x H 40 mm x 40 mm x 8 mm, 100 pcs per pack | |
| 41 | Square shaped weighing boat, antistatic and made from impact polystyrene, white, 81 mm x 81 mm x 18 mm, 100 pcs per pack | |
| PR 2021-02-0280 LSD Cont. | | |
| 42 | Graduated Cylinder, 1000ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate, additional specs: 36± 2 cm from the bottom | |
| 43 | Polyethylene Bottles, w/ lid, wide mouth, 125 mL cap, 50 pcs/pack | |
| 44 | BOD control test tablets, 10 pcs/box Battery for BOD sensor | |
| 45 | Reusable Media Storage Bottle, borosilicate glass, 250 mL | |
| 46 | Reusable Media Storage Bottle, borosilicate glass, 500 mL | |
| 47 | 240ml Clear straight sided glass jars with with black phenolic cap and poly-seal liner | |
| 48 | Carboy, with spigot 2.5 gallon , polypropylene | |

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| 49 | Test tube brush, nylon bristle, galvanized wire, small, 5pcs/pack |
| 50 | Test tube brush, nylon bristle, galvanized wire, medium, 5pcs/pack |
| 51 | Test tube brush, nylon bristle, galvanized wire, large, 5pcs/pack |
| 52 | Polyethylene Centrifuge Tubes, 50mL, free standing type, with cap, 25pcs/pack |
| 53 | Polyethylene Funnel, Dia: 40 mm, Stem Dia: 6 mm, Stem Length 30-40 mm, 50pcs/pack |
| 54 | Cannister, capacity: 300ml, Dia: 90mm x H 120mm, white opaque color, PET/HDPE type |
| 55 | Sieve, all stainless steel, Diameter ~ 8" Half height, No.10 mesh = 2 mm with sieve pans, sieve covers and verification services With certificate of Conformance to ASTM E11 requirements |
| 56 | Sieve, all stainless steel, Diameter ~ 8" Half Height No. 35 mesh = 0.5 mm with sieve pans, sieve covers and verification services With certificate of Conformance to ASTM E11 requirements |
| PR 2021-02-0283 LSD Regular | |
| 57 | Container Seal Tape, 3 x 4" x 108; red Specs: -Unique elastomeric characteristics allow it to stretch and conform around the irregular perimeters of containers lids and covers to form a tight seal. - Container Seal will block water vapor loss, reduce the rate of gas exchange and prevent the entry of contaminants. - The tape can be easily removed from most surfaces without leaving an adhesive residue. - Waterproof, Temperature and Chemically resistant |
| 58 | Sampling bag, clear, vertical, thick and elastic, Size: 30x50 inches, PE Plastic type, 100pcs/pack |
| 59 | Standup pouch sup ziplock clear or transparent pack, Size: width 11inch x Height 14inch, 100pcs/pack |
| PR 2021-00-0079 SWRRD -R & D RICE | |
| 60 | Handheld pH meter with buffer Model: PHscan20 pH Range: 0.0~14.0pH pH Accuracy: ±0.05pH pH Calibration Points: Atleast 3 pH Buffer Options: NIST Standard Operating Temperature: 0~60°C, 32~140°F Power Requirement: 3x1.5V "G13A" Batteries Dimensions: 185 (L) x 40 (Dia.) mm Weight: 100g |
| 61 | bottletop dispenser, glass, atleast 1-10 ml capacity; autoclavable; with ISO 17025 Certification |
| 62 | bottletop dispenser, glass, atleast 1-5 ml capacity; autoclavable; with ISO 17025 Certification |
| 63 | bottletop dispenser, glass, atleast 0.01-1 ml capacity, autoclavable; with ISO 17025 Certification |
| 64 | Humidity meter Relative Humidity: atleast 20 to 90% RH; Resolution: atleast 1%; with ISO 17025 Certification |
| 65 | Thermohygrometer Temperature: atleast 32.0 to 122.0°F / 0.0 to 50.0°C; Resolution: atleast 0.1° Relative Humidity: atleast 20 to 90% RH; Resolution: atleast 1%; with ISO 17025 Certification |

- ✓ The documents required for eligibility, technical proposal and financial proposal are found at **Section VIII – Checklist of Technical and Financial Documents** of the bidding document.

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- ✓ **Similar contract** shall be contract for **supply and delivery of various chemicals, laboratory supplies and/or its equivalent.**

For Lot 1- The Bidder must have completed a single contract that is similar to this Project, equivalent to at least twenty-five percent (25%) of the ABC;

For Lot 2- The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.

- ✓ Please see attached **sample form for Single Largest Completed Contract (SLCC)** and form for **Statement of all ongoing Government & Private Contracts** including Contracts Awarded but not yet started for your reference. (ANNEXES A and B)

Note: if no ongoing projects/ contracts, please state “none” or “no ongoing projects/contracts” in the form for the Statement of all on going Government and Private Contracts.

- ✓ For Lot 1 and Lot 2: Awarding is per item basis. One Project having several items, which shall be awarded as separate contracts per item.
- ✓ Delivery of the Goods is required within **Sixty (60) calendar days upon receipt of NTP**

Bidders who wish to attend the Opening of sealed Bids will be allowed thru videoconferencing (via Zoom) as per GPPB Resolution No. 24-2018. Please coordinate with the BAC Secretariat a day before the Opening of bids thru bswm.bacsec@gmail.com. Said activities will also be available “live” through BSWM Procurement Service FB Page (<https://www.facebook.com/bswmpms>).

For bank to bank payment (Land bank of the Philippines), please coordinate with the BAC Secretariat thru bswm.bacsec@gmail.com.

REITERATION OF THE BIDDING DOCUMENTS:

- Bidding will be conducted through open competitive bidding procedures using a non-discretionary “pass/fail” criterion as specified in the Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the “Government Procurement Reform Act”

“Any lacking documents can cause the automatic disqualification of bids.”

- Below are the acceptable forms of bid security that bidders may opt to use, which shall include the Bid Securing Declaration. The amount of which shall not be less than the required percentage of the ABC in accordance with the following schedule:

| Form of Bid Security | Amount of Bid Security (Not less than the required Percentage of the ABC) |
|---|--|
| Cash or cashier's/manager's check issued by a Universal or Commercial Bank. | Two percent (2%) |

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|---|-------------------|
| Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank. | |
| Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security. | Five percent (5%) |

- Please be guided that the surety bond issued by GSIS as well as a cash deposit certificate is no longer accepted.
- The bidders are reminded that their Bids and Bid Securities should be valid and firm for a period that shall not exceed one hundred twenty (120) calendar days after the date of the opening of bids

- The computation of a prospective bidder's NFCC must be at least equal to the ABC to be bid, calculated as follows:

NFCC= [(Current assets minus current liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under going contracts, including awarded contract yet to be started, coinciding with the contract to be bid.

Note: K= 15 is a constant factor per RA 9184 Revised IRR

- The bidders shall submit two (2) separate envelopes, placed in one sealed envelope. An illustration is provided on the bidding documents showing the required envelopes and markings of the documents for the eligibility screening, technical and financial proposal. **For Lot projects, separate Bid Proposal Envelopes per Lot.**

The bidders shall submit one (1) copy of original documents (certified true copies) and one (1) duplicate copy.

- The bidders are reminded of the requirements to be submitted within five (5) calendar days after the receipt of the Notice from the BAC that your bid has been identified as the Lowest Calculated Bid (LCB) and subject for Post-Qualification of BAC TWG as stated in ITB Clause no. 20.2 of the Bid Documents.
- Also, submission of the required Performance Security and Signed Contract Agreement within ten (10) calendar days after the receipt of Notice of Award (NOA) as Single/Lowest Calculated and Responsive Bid (SCRB/LCRB) as stated in RA 9184 Section 37.2.1 and Section 37.2.
- The **Omnibus Sworn Statement shall be part of the Technical Proposal** in accordance with Section 25.2(a)(viii) of the IRR of RA 9184, using the **revised OSS as of October 6, 2020.**
- For **GPPB updated bidding forms**, please refer to GPPB website at www.gppb.gov.ph (<https://www.gppb.gov.ph/downloadables.php>)

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- Only bidders with a Platinum PhilGEPS membership are allowed to join competitive biddings as per GPPB Circular No. 07-2017 dated July 31, 2017.
- An authorization letter and photocopy of company ID for the representative of the bidders who shall submit the bids in behalf of their company is required to be submitted on BAC Secretariat.
- In case of withdrawal, a letter stating their intention to withdraw from the project should be submitted by the bidder before the scheduled Opening of Bids.
- For easy reference, **all bidders shall provide dog-ear codes in the presentation of their documents.**
- **All pages/documents must be duly signed by the authorized representative (original and duplicate proposal)**

Deadline of submission of bidding documents is on March 16, 2021, 9:00AM.

Opening of Bids is on March 16, 2021, 9:30AM at BSWM Function Hall.

Schedule of Submission and Opening of Bids is subject to change due to Community Quarantine enforced by the government in line with the COVID-19 pandemic. Please refer to the BSWM PhilGEPS posting for updates (<https://www.philgeps.gov.ph/>) and BSWM FB page <https://www.facebook.com/bswmpms>.

For guidance and information of all concerned.

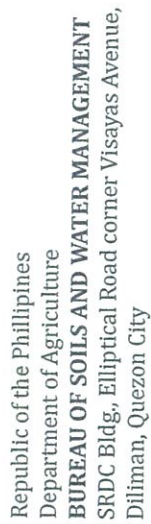

GINA P. NILO

Chairperson, Bids and Awards Committee

March 4, 2021

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Statement of all Ongoing Government & Private Contracts Including Contracts Awarded but not yet Started

Business Name: _____
Business Address: _____

[illegible]

Submitted by:

(Printed Name and Signature)

Designation:

Date:

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Business Name:
Business Address:

| Name of Contract/ Project Cost | a. Owner's Name b. Address c. Telephone Nos. | Nature of Work | Bidders Role | | a. Date Awarded b. Date Started c. Date of Completion | Value of Works |
|---|--|-------------------|--------------|---|---|----------------|
| | | | Description | % | | |
| | | | | | | |
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| | | | | | | |
| | | | | | | |
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| | | | | | | |
| | | | | | | |
| Note: The following documents shall be presented for verification of the above statement during Post-Qualification: | | | | | Total | |

Note: The following documents shall be presented for verification of the above statement during Post-Qualification:

- 1 Notice of Award OR Notice to Proceed issued by the End user OR its equivalent;
- 2 Copy of actual contract OR its equivalent; and
- 3 Certificate of Completion OR End-user's Acceptance OR Proof of payment

Submitted by: _____
: _____
: _____
(Printed Name and Signature)

Designation: _____

Date: _____

Section VII. Technical Specifications

Notes for Preparing the Technical Specifications

A set of precise and clear specifications

is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying their Bids. In the context of Competitive Bidding, the specifications (*e.g.* production/delivery schedule, manpower requirements, and after-sales service/parts, descriptions of the lots or items) must be prepared to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of transparency, equity, efficiency, fairness, and economy in procurement be realized, responsiveness of bids be ensured, and the subsequent task of bid evaluation and post-qualification facilitated. The specifications should require that all items, materials and accessories to be included or incorporated in the goods be new, unused, and of the most recent or current models, and that they include or incorporate all recent improvements in design and materials unless otherwise provided in the Contract.

Samples of specifications from previous similar procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the goods and the repetitiveness of the type of procurement, it may be advantageous to standardize the General Technical Specifications and incorporate them in a separate subsection. The General Technical Specifications should cover all classes of workmanship, materials, and equipment commonly involved in manufacturing similar goods. Deletions or addenda should then adapt the General Technical Specifications to the particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized Philippine and international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Special Conditions of Contract or the Technical Specifications.

Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest edition or revision of the relevant standards and codes shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalogue number should be avoided as far as possible; where unavoidable they should always be followed by the words “*or at least equivalent.*” References to brand names cannot be used when the funding source is the GOP.

Where appropriate, drawings, including site plans as required, may be furnished by the Procuring Entity with the Bidding Documents. Similarly, the Supplier may be requested to provide drawings or samples either with its Bid or for prior review by the Procuring Entity during contract execution.

Bidders are also required, as part of the technical specifications, to complete their statement of compliance demonstrating how the items comply with the specification.

Technical Specifications

| Item | Specification | Statement of Compliance |
|------|---------------|---|
| | | <p><i>[Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</i></p> |

Lot 1- Supply and Delivery of various Chemicals

| Item # | Item Description | Statement of Compliance |
|--------|---|-------------------------|
| | PR 2021-00-0090 SWRRD -OAP SHA | |
| 1 | Sodium Hydroxide, analytical grade , 1 kilo/pack (solid, white, pellets) | |
| 2 | Potassium Dichromate, AR: 99.5-99.9%, 500 grams/bottle | |
| 3 | Sulfuric acid, AR: 98%, 2.5L/bottle | |
| 4 | Phosphoric acid, AR: 85%, 2.5L/bottle | |
| 5 | Ferrous Sulfate Heptahydrate, AR:99% pure, 500 grams/bottle | |
| 7 | Ammonium Paramolybdate, AR:99.5% (extrapure), 500grams/bottle | |

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| 8 | Boric Acid, AR: 99.5% , 500 grams/bottle | |
| 9 | Perchloric acid, AR: 70%, 2.5L/bottle | |
| 10 | Ammonium acetate, AR:98% (extrapure), 500 grams /bottle | |
| 11 | Potassium sulfate (K ₂ SO ₄). AR:99.5% (extrapure), 500grams/bottle | |
| 12 | Potassium Permanganate, reagent grade, 500 grams/ bottle | |
| 13 | Nitric Acid, AR: 65-70% , 2.5 L /bottle | |
| 14 | Phosphorus Standard for AAS,1000 ppm, 250ml/ bottle, NIST traceability with Certification of analysis | |
| 15 | Calcium Standard for AAS,1000 ppm, 250ml/ bottle, NIST traceability with Certification of analysis (Total requirement of 250ml-packaging of 125ml or 250ml) | |
| 16 | Magnesium Standard for AAS,1000 ppm,250ml/ bottle, NIST traceability with Certification of analysis (Total requirement of 250ml-packaging of 125ml or 250ml) | |
| 17 | Potassium Standard for AAS,1000 ppm,250mL/bottle, NIST Traceability with Certification of analysis (Total requirement of 250ml-packaging of 125ml or 250ml) | |
| 18 | Manganese Standard for AAS,1000 ppm, 250mL/bottle, NIST Traceability with Certification of analysis (Total requirement of 250ml-packaging of 125ml or 250ml) | |
| 19 | Iron Standard for AAS, 1000 ppm,250mL/bottle, NIST Traceability with Certification of analysis (Total requirement of 500ml-packaging of 125ml or 250ml) | |
| 20 | Zinc Standard for AAS, 1000 ppm,250mL/bottle, NIST Traceability with Certification of analysis (Total requirement of 500ml-packaging of 125ml or 250ml) | |
| 21 | Sodium Standard for AAS, 1000 ppm, 250mL/bottle ,NIST Traceability with Certification of analysis (Total requirement of 250ml-packaging of 125ml or 250ml) | |
| 22 | Nutrient Agar (500g/bottle) | |
| 23 | Agar powder, 500 g/btl | |
| 24 | Cellulose Acetate Syringe filter (50/box) Sterile, diameter 25mm , Pore size 0.2um | |
| | PR 2021-00-0090 SWRRD -OAP BCHA | |
| 25 | sulfuric acid AR 98% 2.5L | |

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| 26 | sodium hexametaphosphate laboratory grade 250 g/bot | |
| 27 | Diethylene Penta-acetic acid (DTPA) AR grade 100 g/bottle | |
| 28 | QRM for soil physical analysis (hydrometer method)History proficiency Test samples (QRM) for Soil Physical parameters- with Certification of analysisSRS 2001 (4 bottles, 1kg/bot)SRS 2002 (4 bottles, 1kg/bot) | |
| | PR 2021-00-0090 SWRRD -OAP SES | |
| 29 | L-lysine Monohydrochloride, 100 g | |
| | PR 2021-00-0090 SWRRD - R & D RICE | |
| 30 | Nutrient Agar (500g/bottle) | |
| 31 | Agar powder, 500 g/btl | |
| 32 | Potato Dextrose powder, 500 g/btl | |
| 33 | Peptone, 500 g/btl | |
| 34 | KH ₂ PO ₄ , 500 g/btl | |
| 35 | MgSO ₄ , 500 g/btl | |
| | PR 2021-00-0090 SWRRD -SALINITY REG | |
| 36 | iso-amyl alcohol, 1 liter | |
| | PR 2021-00-0036 SCMD -R & D RICE | |
| 37 | pH Buffer Solution (NIST Traceable) for: pH 7.00 (yellow); 1L- with Certification of analysis | |
| 38 | pH Buffer Solution (NIST Traceable) for: pH 4.00 (pink); 1L-with Certification of analysis | |
| 39 | pH Buffer Solution (NIST Traceable) for: pH 10.00 (blue); 1L- with Certification of analysis | |
| 40 | Standards (NIST Traceable) for: EC Standard, 147uS/cm, 500 ml-with Certification of analysis | |
| 41 | Standards (NIST Traceable) for: EC Standard, 1413uS/cm, 500 ml-with Certification of analysis | |
| 42 | AAS Standards (1000mg/L, NIST Traceable) for: Calcium, 500ml- with Certification of analysis | |
| 43 | AAS Standards (1000mg/L, NIST Traceable) for: Copper, 500ml-with Certification of analysis | |
| 44 | AAS Standards (1000mg/L, NIST Traceable) for: Iron, 500ml-with Certification of analysis | |
| 45 | AAS Standards (1000mg/L, NIST Traceable) for: Magnesium, 500ml with Certification of analysis | |
| 46 | AAS Standards (1000mg/L, NIST Traceable) for: Manganese, 500ml with Certification of analysis | |

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| 47 | AAS Standards (1000mg/L, NIST Traceable) for: Phosphorus, 500ml with Certification of analysis | |
| 48 | AAS Standards (1000mg/L, NIST Traceable) for: Potassium, 500ml with Certification of analysis | |
| 49 | AAS Standards (1000mg/L, NIST Traceable) for: Sodium, 500ml with Certification of analysis | |
| 50 | AAS Standards (1000mg/L, NIST Traceable) for: Zinc, 500ml with Certification of analysis | |
| 51 | Ammonium Nitrate, 500g | |
| 52 | Ammonium Sulfate, 500g | |
| 53 | Ascorbic Acid, 250g | |
| 54 | Boric Acid, AR, 500g | |
| 55 | Copper sulfate pentahydrate, AR, 500g | |
| 56 | Diethyltriaminepentaacetic acid (DTPA), 100g | |
| 57 | Ferric Chloride, 500g AR | |
| 58 | Magnesium Sulfate, AR, 500g | |
| 59 | Phenolphthalein, AR, 500g | |
| 60 | Sodium hydroxide pellets, AR, 1kg | |
| 61 | Ethanol 99% 2.5L | |
| 62 | Lysine 100g | |
| | PR 2021-02-0281 LSD Cont. | |
| 63 | Activated Charcoal, AR, Phosphate free, 1kg/bottle | |
| 64 | Aluminum Chloride hexahydrate, AR, 99%, 100 g/bottle | |
| 65 | Ammonium Fluoride, AR, 500g/bottle | |
| 66 | Ascorbic Acid, AR, 100g/bottle | |
| 67 | Copper sulfate pentahydrate, AR, 500g/bottle | |
| 68 | Diethyltriaminepentaacetic acid (DTPA), AR, 100g/bottle | |
| 69 | Ethylenediamine Tetraacetic acid, AR, 500g/bottle | |
| 70 | Ethanol AR $\geq 95\%$ 4 L/bottle | |
| 71 | Magnesium Chloride, AR, 1kg/bottle, AR | |
| 72 | Phenolphthalein, 500g/bottle, AR | |
| 73 | Potassium Chromate, AR, 500g/bottle | |
| 74 | Potassium Hydrogen Phthalate, 500 g/bottle | |
| 75 | Potassium Sulfate, AR, 500g/bottle | |
| 76 | Potassium carbonate, 500g/bottle, AR | |
| 77 | Glucose, D-(+)- Glucose anhydrous, AR, 500g/bottle | |
| 78 | Nitric Acid, AR, 2.5L, bottle $\geq 68\%$ | |
| 79 | Sulfuric Acid, AR, Concentrated 2.5 L/bottle | |
| 80 | Glacial Acetic Acid, AR, 2.5L/bottle, $\geq 99\%$ | |

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| 81 | Multi-element Standard 1 (elements in Mehlich 3) NIST Traceable with Certificate of Analysis. 500mL/bottle 10 ppm K, 50 ppm Ca, 10 ppm Na, 10ppm Mg and 10ppm Fe, 2 ppm Mn, 2ppm Cu and 2ppm Zn. | |
| 82 | Multi-element Standard (elements in Mehlich 3) NIST Traceable with Certificate of Analysis. 500mL/bottle 25 ppm K, 100 ppm Ca, 50 ppm Mg, 25 ppm Na and 25ppm Fe, 5 ppm Mn, 5ppm Cu and 5ppm Zn | |
| 83 | ICP-OES Multi-element Standard (elements in Mehlich 3) NIST Traceable with Certificate of Analysis. 500mL/bottle 50 ppm K, 500 ppm Ca, 50 ppm Na and Fe, 100 ppm Mg , 10 ppm Mn, Cu and Zn. | |
| | Expiration date shall be not earlier than April 2022 | |
| | Compliance with Section VI. Schedule of Requirements | |

Name and Signature of Authorized Representative

Company Name

Date Signed

Lot 2- Supply and Delivery of various Laboratory supplies

| Item # | Item Description | Statement of Compliance |
|--------|--|-------------------------|
| | PR 2021-00-0090 SWRRD -OAP SHA | |
| 1 | Filter paper, Ashless, #42, 125mm, 100 circles | |
| 2 | Pipette tips, Polypropelene, sterile, standard style, volume up to 1mL (96pcs/ rack/box)) | |
| | PR 2021-00-0090 SWRRD -OAP BCHA | |
| 3 | Dishwashing liquid soap | |
| 4 | hand bar antibacterial soap 4 oz | |
| 5 | Liquid detergent, phospate free, 4 liters | |
| 6 | Laboratory gown, 3/4 sleeves, 5 buttoned, collared, cotton material with 2 side pockets with embroidered name, (color white) size will be measured to the actual size of laboratory personnel | |
| 7 | Laboratory gown, short sleeves, 5 buttoned, collared, cotton material with 2 side pockets with embroidered name, (color white) size will be measured to the actual siza of laboratory personnel | |
| 8 | Laboratory footwear rubber open heels, white feature: slip resistant, puncture resistant antistatice outsole material: PU material microfib er insoles EVA size will be measured by the bidder to the actual size of laboratory personnel | |
| 9 | thermometer for compost Crystal: Unbreakable plastic Stem: 304 stainless steel Head and Bezel: Polished type 302 stainless steel Dial: Anodized aluminum Accuracy: $\pm 1\%$ of full scale Maximum Head Temperature: 93°C (200°F) Dimensions: 76 mm (3") diameter dial; 6.35 mm (1/4") or 7.94 mm (3/16") diameter stem | |
| 10 | micropipette 10 ml (2-10 ml) mechanical autoclavable pipette, single channel adjustable volume | |
| 11 | micropipette 5 ml (1000-5000 μ L) mechanical autoclavable pipette, single channel adjustable volume | |
| 12 | Non-lint wipes 280 sheet/box (11x21 cm) | |

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| 13 | Gloves, Latex free, powder free, protien free and fingered texture, 100pcs/box | |
| 14 | graduated cylinder class A 1000 ml calibrated in accordance with ASTM | |
| | PR 2021-00-0090 SWRRD -OAP SES | |
| 15 | Filter Paper, Ashless #42, 100 circles/box, 125mm diameter | |
| 16 | N95 mask. 30 pcs/ pack- FDA Approved | |
| 17 | Micropipette 1 mL (100-1000µL) Mechanical Autoclavable Pipette,Single Channel Adjustable volume | |
| 18 | Micropipette 5mL (1000-5000µL) Mechanical Autoclavable Pipette,Single Channel Adjustable volume | |
| 19 | Micropipette 10 mL (2-10 mL) Mechanical Autoclavable Pipette,Single Channel Adjustable volume | |
| 20 | Sample Distillation tube 300 mL, round bottom reaction vessel, Height 26.5cm, mouth internal diameter: 4.5cm | |
| | PR 2021-00-0090 SWRRD - R & D RICE | |
| 21 | Micropipette 1 mL (100-1000µL) Mechanical Autoclavable Pipette,Single Channel Adjustable volume | |
| 22 | Micropipette 5mL (1000-5000µL) Mechanical Autoclavable Pipette,Single Channel Adjustable volume | |
| 23 | Micropipette 10 mL (2-10 mL) Mechanical Autoclavable Pipette,Single Channel Adjustable volume | |
| 24 | Filter Paper, Ashless #42, 100 circles/box, 125mm diameter | |
| | PR 2021-00-0032 SCMD -OAP TILLAGE | |
| 25 | Filter paper: Grade: 42; Format: sheets; Ashless(Nominal Ash Content: 0.007%); High-quality coton linters (Circles) Packaging: 100 pcs/box Parameter: 0.40 psi wet burst Diameter: 110mm Thickness: 200 µm Pore Size: 2.5 µm (particle retention) Basis Weight: 100 g/m ² | |
| | PR 2021-00-0016 BULACAN REG | |
| 26 | ACCESS TUBE- 554mm 28mm diameter, fiberglass tube for installation in augered, includes cap, bung and collar, for use with 40cm profile probe | |
| | PR 2021-00-0068 LSD REG | |
| 27 | kitchen Towel, 2 ply 70 pulls x 6 rolls/pack | |
| 28 | Instant oats, 1kg/pack | |
| 29 | Gulaman bars, white, 2pcs/pack, 16g | |
| 30 | Gulaman Powders, white, 10packs/box | |

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| 31 | Polypropylene plastic bag, crystal clear, size: 6x12, thickness: 0.002, Apprx. Qty: 500 pcs/pack | |
| | SWRRD 2021-00-0080- OAP-SHA | |
| 32 | Aluminum moisture cans, 2" diam. x 7/8" h. (51 x 22 mm), 12pcs per box | |
| 33 | Square shaped weighing boat, antistatic and made from impact polystyrene, white, L x W x H 135 mm x 135 mm x 20 mm, 100pcs per pack | |
| 34 | Square shaped weighing boat, antistatic and made from impact polystyrene, white, L x W x H 86 mm x 86 mm x 25 mm, 100 pcs per pack | |
| 35 | Square shaped weighing boat, antistatic and made from impact polystyrene, white, L x W x H 40 mm x 40 mm x 8 mm, 100 pcs per pack | |
| 36 | Square shaped weighing boat, antistatic and made from impact polystyrene, white, 81 mm x 81 mm x 18 mm, 100 pcs per pack | |
| | SWRRD 2021-00-0080- R and D Rice | |
| 37 | Aluminum moisture cans, 2" diam. x 7/8" h. (51 x 22 mm), 12pcs per box | |
| 38 | Square shaped weighing boat, antistatic and made from impact polystyrene, white, L x W x H 135 mm x 135 mm x 20 mm, 100pcs per pack | |
| 39 | Square shaped weighing boat, antistatic and made from impact polystyrene, white, L x W x H 86 mm x 86 mm x 25 mm, 100 pcs per pack | |
| 40 | Square shaped weighing boat, antistatic and made from impact polystyrene, white, L x W x H 40 mm x 40 mm x 8 mm, 100 pcs per pack | |
| 41 | Square shaped weighing boat, antistatic and made from impact polystyrene, white, 81 mm x 81 mm x 18 mm, 100 pcs per pack | |
| | PR 2021-02-0280 LSD Cont. | |
| 42 | Graduated Cylinder, 1000ml, Made of Type 1 Borosilicate glass; Class A Graduation with Calibration Certificate, additional specs: 36± 2 cm from the bottom | |
| 43 | Polyethylene Bottles, w/ lid, wide mouth, 125 mL cap, 50 pcs/pack | |
| 44 | BOD control test tablets, 10 pcs/box Battery for BOD sensor | |
| 45 | Reusable Media Storage Bottle, borosilicate glass, 250 mL | |

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| 46 | Reusable Media Storage Bottle, borosilicate glass, 500 mL | |
| 47 | 240ml Clear straight sided glass jars with with black phenolic cap and poly-seal liner | |
| 48 | Carboy, with spigot 2.5 gallon , polypropylene | |
| 49 | Test tube brush, nylon bristle, galvanized wire, small, 5pcs/pack | |
| 50 | Test tube brush, nylon bristle, galvanized wire, medium, 5pcs/pack | |
| 51 | Test tube brush, nylon bristle, galvanized wire, large, 5pcs/pack | |
| 52 | Polyethylene Centrifuge Tubes, 50mL, free standing type,with cap, 25pcs/pack | |
| 53 | Polyethylene Funnel, Dia: 40 mm, Stem Dia: 6 mm, Stem Length 30-40 mm, 50pcs/pack | |
| 54 | Cannister, capacity: 300ml, Dia: 90mm x H 120mm, white opaque color, PET/HDPE type | |
| 55 | Sieve, all stainless steel, Diameter ~ 8" Half height, No.10 mesh = 2 mm with sieve pans, sieve covers and verification services With certificate of Conformance to ASTM E11 requirements | |
| 56 | Sieve, all stainless steel, Diameter ~ 8" Half Height No. 35 mesh = 0.5 mm with sieve pans, sieve covers and verification services With certificate of Conformance to ASTM E11 requirements | |
| PR 2021-02-0283 LSD Regular | | |
| 57 | Container Seal Tape, 3 x 4" x 108; red Specs: -Unique elastomeric characteristics allow it to stretch and conform around the irregular perimeters of containers lids and covers to form a tight seal. - Container Seal will block water vapor loss, reduce the rate of gas exchange and prevent the entry of contaminants. - The tape can be easily removed from | |

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| | most surfaces without leaving an adhesive residue. - Waterproof, Temperature and Chemically resistant | |
| 58 | Sampling bag, clear, vertical, thick and elastic, Size: 30x50 inches, PE Plastic type, 100pcs/pack | |
| 59 | Standup pouch sup ziplock clear or transparent pack, Size: width 11inch x Height 14inch, 100pcs/pack | |
| | PR 2021-00-0079 SWRRD -R & D RICE | |
| 60 | Handheld pH meter with buffer Model: PHscan20 pH Range: 0.0~14.0pH pH Accuracy: ±0.05pH pH Calibration Points: Atleast 3 pH Buffer Options: NIST Standard Operating Temperature: 0~60°C, 32~140°F Power Requirement: 3x1.5V "G13A" Batteries Dimensions: 185 (L) x 40 (Dia.) mm Weight: 100g | |
| 61 | bottletop dispenser, glass, atleast 1-10 ml capacity; autoclavable; with ISO 17025 Certification | |
| 62 | bottletop dispenser, glass, atleast 1-5 ml capacity; autoclavable; with ISO 17025 Certification | |
| 63 | bottletop dispenser; glass,atleast 0.01-1 ml capacity, autoclavable; with ISO 17025 Certification | |
| 64 | Humidity meter Relative Humidity: atleast 20 to 90% RH; Resolution: atleast 1%; with ISO 17025 Certification | |
| 65 | Thermohygrometer Temperature: atleast 32.0 to 122.0°F / 0.0 to 50.0°C; Resolution: atleast 0.1° Relative Humidity: atleast 20 to 90% RH; Resolution: atleast 1%; with ISO 17025 Certification | |
| | Compliance with Section VI. Schedule of Requirements | |

Name and Signature of Authorized Representative

Company Name

Date Signed