



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. 2021-02-013-01

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 ICT SUPPLES AND PERIPHERALS FOR CY 2021** with an ABC of **One Million Seven Hundred Fifty-Five Thousand Three Hundred Sixty-Five Pesos (Php 1,755,365.00)**.

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:

PARTICULAR	AGREEMENTS
Delivery schedule requirements	OLD: 30 calendar days upon receipt of NTP NEW: 60 calendar days upon receipt of NTP
Section VII. Technical Specification	After the word "COMPLY", Please indicate brand/ model offered for the purpose of evaluation and post qualification

A. REVISION ON TECHNICAL SPECIFICATION:

Item #	Item Description
	PR 2021-00-0034 SCMD R & D CORN
1	Wireless keyboard and mouse combo (long range wireless 2.4 GHz, full size keyboard USB, nano receiver)
2	4-port USB 3.0 Hub (ultra slim, high speed USB splittter, protable extension data hub, compatible for mosue, keyboard, flashdrive HDD and more)
3	USB (OTG 64 GB)
4	External SSD, 500GB
5	RAM 16GB DDR4
6	RAM 8GB DDR3
7	Hard Disk 1TB 7200RPM 3.5
8	Internal SSD Drive 500 SATA Internal Drive
9	OTG 64GB on the Go USB Type C
	PR 2021-00-0042 SCMD MANILA BAY
10	Compact all-in-one Printer: Print, copy, scan, wireless Print speed: Black (A4, ISO): Up to 8 ppm; Colour (A4, ISO): Up to 5 ppm; Print resolution: Black (best): Up to 1200 x 1200 rendered dpi; Colour (best): Up to 4800 x 1200 optimised dpi colour; Monthly duty cycle: Up to 1,000 pages A4; Copy speed: Black (A4, ISO): Up to 5 cpm; Colour (A4, ISO): Up to 3 cpm Maximum number of copies: Up to 9 copies; Copy resolution: Up to 300 x 300 dpi Scan File Type: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), TIFF (.tif) Scanner type: Single-page document feeder; Scan size maximum (flatbed, ADF): 216 x 297 mm;

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	<p>Optical scan resolution: Up to 600 dpi Input capacity max: Up to 60 sheets; Output capacity max: Up to 25 sheets Connectivity: 1 Hi-Speed USB 2.0; Wireless via built-in Wi-Fi 802.11b/g/n Mobile printing, Network via built-in wireless 802.11b/g/n, Media types: Plain paper, matte brochure papers, glossy brochure papers, photo papers, envelopes, other specialty inkjet papers Media size Custom (metric): 76 x 127 to 216 x 356 mm Compatible operating systems: Windows 10/ 8.1/ 8/ 7 Power Requirements: Input voltage 200 to 240 VAC, 50/60 Hz; Power supply type: Built-in power supply</p>
11	<p>Portable Sheetfed Document Scanner Scanner Type: A4 sheet-fed colour scanner Sensor Type: Contact Image Sensor (CIS) Scanning Method: Fixed document and moving carriage Light Source: RGB LED Optical Resolution: 600 x 600 dpi Output Resolution: 50 - 1,200 dpi (in 1 dpi increments) Scanner Bit Depth (Colour): 48-bit input, 24-bit output Scanner Bit Depth (Grayscale): 16-bit input, 8-bit output Scanner Bit Depth (Black & White): 16-bit input, 1-bit output Min Document Size: 50.8 x 50.8 mm Max Document Size: 216 x 1,828.8 mm Supported Paper Weight: 35 - 270 g/m2 Daily Scan Volume: Up to 300 sheets / day Scan Speed: 200dpi: 5.5sec; 300dpi: 5.5sec; 600dpi: 9.0sec Supported OS: Windows XP / Vista / 7 / 8 / 8.1 / 10 File Format: JPEG, PDF, Searchable PDF, DOCX, XLSX, PPTX</p>
	PR 2021-00-0095 WRMD RICE ESSETS
12	<p>External Hard drive 2TB Ultra Slim 2TB External Hard Drive Portable HDD USB 3.0 for PC Laptop and Mac Max Data Transfer: 120MB/s OS Required: Apple MacOS X 10.7 or later, Microsoft Windows 7 or later Cable Type: SuperSpeed USB cable Color: any color Includes free external drive bag/carry case</p>
	PR 2021-00-0104 WRMD INS VARIOUS
13	<p>Printer Printer Type: Print, Scan, Copy Printing Technology: On-demand inkjet (Piezoelectric) Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per colour (Cyan, Magenta, Yellow) Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology) Minimum Ink Droplet Size: 3 pl Maximum Paper Size: 215.9 x 1200 mm (8.5 x 47.24") Paper Feed Method: Friction feed Paper Size: Legal, Indian-Legal (215 x 345 mm), 8.5 x 13", Letter, A4, 16K (195 x 270 mm), B5, A5, B6, A6, Hagaki (100 x 148 mm), 5 x 7", 4 x 6", Envelopes: #10, DL, C6 Scanner Type: Flatbed colour image scanner Flatbed (Black / Colour): 200 dpi: 11 sec / 200 dpi: 28 sec</p>
	PR 2021-00-0128 OAP STO
14	All-in-one color printer (refillable ink tank system)
	Printer type: Print, Scan, Copy
	Printing technology: On-demand inkjet (Piezoelectric)
	Photo Default - 10x15cm: Approx. 69 seconds per photo (border) / 90 seconds per photo (borderless)
	Draft, A4 (Black/Colour): Colour/Black-and-White; Draft/Standard
	Maximum copies from standalone: 20 copies

	Maximum copy size: A4, Letter
	Max copy resolution: 600x600 dpi
15	Multi-purpose geo-tagging device
	6- 6.8" full view display
	2340x1080 high resolution
	Operating system: Android 8.1 or later
	Memory: 4GB + 64GB
	GPS/APS/Glonass
	Connectivity: Bluetooth, Micro USB, Wi-Fi direct, WiFi hot spot
	Sensors: Fingerprint sensor, Proximity sensor, Ambient light sensor, Digital compass, Gravity sensor, Gyroscope
	Front Camera: 16MP min
	Rear Camera: 13MP min
	Battery: 4000 mAh
16	Smart Television
	40" Smart Curved TV
	High Definition
	Backlight (E-LED)
	Signal Boost
	Easily connected to Wi-Fi
	Screen Mirroring
	High speed 3.0 USB connection
	Piano finish, narrow bezel
	Wide viewing angle
	ADS panel display
	3 USB input
	2 HDMI
	PR 2021-00-0013 BULACAN REG
17	Wireless Presenter
	Color: Black
	Laser Class: Class 2 Laser
	Wave Length: 640~660nm (red light)
	Battery type: 2 AAA batteries
	Wireless operating distance: Approx 10m2
	Wireless technology: 2.4 GHz wireless technology
	Supported OS: Windows Vista, Windows 7, Windows 8
	Interface: USB
	Accessories: Carrying case
18	3.0 USB Hub and Card Reader Combo
	- Power status LED indicator
	- Multiple USB 3.0 interface Overcurrent and undercurrent protection
	- Supports Windows XP, Windows 7, 8 and Mac OS Linux
	- High speed data transfer up to 5 Gbps
	- Compatibility card: MS, M2, SD, TF
19	Wireless Mouse and Keyboard Combo
	2.4 wireless technology; to 10 meters connection; with on/off switch
	full size keyboard; plug and play
20	CPU Cooling Fan with LED
	Material: polyethylene; Color: Black; Length: 1m
	Outer Diameter: 8mm
21	Wire Spiral Wrap Sleeving Band Tube/ Cable Protector
	Material: polyethylene; Color: Black
	Length: 1m ; Outer Diameter: 8mm
22	Mouse pad, comfort mouse pad with wrist rest gel support mat mice
23	USB 3.0 flash drive, 32GB
24	Network Ethernet LAN kit
	Stripping cable:
	Network Cable Tester:
	This Network Cable Tester is for test of RJ11, RJ12, RJ45, 10/100 Base-T, TIA 568A /568B AT&T 258A, BNC, Cat 5, etc
	This device be separated into two units: Main Unit and Remote Unit.

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	The Remote Unit allows you to test cables installed far away either on patch panel or wall plate with the Auto-Test.
	Mode and 9 LED indicators for testing each pin.
	Compact and Light Weight.
	Packaged with a leather case for storage.
	Powered by a 9V battery
	Network Cable Crimper: For cuts, strips and crimps for 8P8C/ RJ-45, 6P6C/RJ12, 6P4C/RJ-11, 4P4C & 4P2C in one tool
	Packing Accessories:
	1. Cross screwdriver:
	Soft rubber handle, the cutter head and magnetic treatment, used for disassembling desktop computers, printers and other equipment screw
	2. Flat screwdriver:
	Soft rubber handle, the cutter head and magnetic treatment for auxiliary disassembling components, such as the CPU fan or casing, etc.
	3. Network tester (for testing cables)
	4. Crimping pliers
	5. Wire stripping k nife
	6. Stripping pliers k nife
	7. K nife
	8. Card k nife
	9. Crystal Connectors (10pcs)
	10. Plastic Box
	11. Bag
	Package Included:
	1 x 9Pcs Network Computer Maintenance Repair Tool Kit
	1 x User Manual
	1 x Storage Bag
25	16-port Gigabit Switch
	Standards and Protocols: 802.3 10BASE-T Ethernet 802.3u 100BASE-TX Fast Ethernet 802.3ab 1000BASE-T Gigabit Ethernet 802.3z Gigabit Ethernet 802.3x flow control 802.1p priority 802.3az, Energy Efficient Ethernet Ports 16 RJ-45 connectors for 10BASE-T/100BASE-TX LED Indicators System/PWR, Link/Activity, 100M,* Gigabit,*
	PR 2021-00-0015 BULACAN REG
26	Portable Sheetfed Document Scanner
	Maximum Resolution: 600 dpi Color Depth: 24-bit Duplex Scanning Scan Speed: 23-46 ipm Minimum Scan Size: Letter Maximum Scan Size: Legal Media Handling: Automatic Document Feeder Sheet Capacity: 20 Sheets Daily Duty Cycle: 1000 scans Connectivity: USB 2.0
27	Wifi All-In-One Tank Printer
	Printer: Minimum Printing Resolution: 1200 dpi Ink type: Individual Ink Charge Paper Size: A4, A5, B5, LTR, LGL, 4 x 6", 5 x 7", 8 x 10", Envelopes (DL, COM10) Scanner: Scanner Type: Flatbed & ADF Scanning Method: Contact Image Sensor Optical Resolution: 2400 x 4800dpi Colour: 48 bit

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	Additional Feature: Wireless Connectivity
28	LED Display for PPT Presentation
	Screen Size: 40-inch Connectivity: Wifi, LAN USB Port: USB 2.0 x1 TV Resolution: Full HD HDMI port: 2 OS: Android Oreo Smart TV
29	Wi-Fi Range Extender
	- Speed: 2.4GHz band (300Mbps) and 5GHz (433Mbps), stable dual band wi-fi extension, compatible with any wi-fi router
	PR 2021-00-0087 SWRRD NUE
30	Flash drive, dual USB OTG, 32GB, Android type
31	Flash drive, dual USB OTG, 32GB, Type C
	PR 2021-00-0087 SWRRD REGULAR
32	Wireless Headphones for conferences with microphone
	Lightweight, folding design for ultimate music mobility
	30 mm ferrite drivers for powerful, balanced sound
	10-24,000 Hz frequency range
	Padded earcups for comfortable listening
	PR 2021-00-0087 SWRRD RICE R & D
33	USB 2.4GHz Wireless PPT PowerPoint Presenter Pointer Clicker Laser Remote Control
	PR 2021-00-0046 ALMED SEMI JR/NPAAAD/REG
34	All-in-one Ink Tank Printer with ADF
	High-quality printing
	Print, scan, copy, fax with Automatic Document Feeder and Flatbed feeder
	Spill-free, error-free refilling
	High yield ink bottles
	Borderless printing
35	Printer with ADF 4-in-1: Print, copy & scan and borderless photo printing
	Wi-Fi Direct, Ethernet: Print from mobile devices
	Scanner type: Contact image sensor (CIS)
	Scan Optical Resolution: 1,200 DPI x 2,400 DPI (Horizontal x Vertical)
	Single-sided scan speed (A4 colour): 200 dpi (with ADF); , 4.5 ipm with ADF scan 200 dpi (flatbed) 29 sec. with flatbed scan
	ADF:30 pages
	Paper tray capacity: 100 sheets standard
36	Storage Backup Plus 6TB
37	UPS, 650 VA 390 watts UPS
38	Monitor, 21.4", Panel type: TN 1920x1080 resolution
39	Portable Projector : Native Resolution: 800x480, LCD, LED 34-130 inch, Manual Control TV/HDMI/USB/AV/VGA/SD , Audio file Format: WMA,MP3, M4A, Image File: JPEG, BMP, PNG Video File : RM/RMVB, MPEG1,MPEG2, H264, MOV, MJPEG, FLV, VCI, DIVX, etc.
40	All-in-One Multifunction Printer High Quality printing, Print, scan copy, fax w/ automatic document feeder and flatbed feeder, Spill free, error free refilling, High Yield ink bottles, board less printing
41	Printer 4 in 1: Print Method: On-demand inkjet (piezoelectric) Maximum Print Resolution : 5760 x 1440 dpi (with variable-sized droplet technology) Print Direction: Bi-directional printing, Unidirectional printing Maximum Copy Size: A4, Letter
42	Geo-Tagging Device: 6-6.5" Full View Display, 2340 x 1080 high resolution, Android 8.1, 4gb+64gb GPS/APS/Glonass, Bluetooth, Micro Usb, Wifi direct, Wifi Hotspot, Fingerprint sensor,

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	proximity, front cam :16m, Rear cam: 13m Battery :4000 maH
43	Wifi Router (2402Mbps+574Mbps) External Antenna x 4, 2.4 Ghz 2 x 2; 5Ghz 2 x 2, Transmit/receive: 2.4 GHz x 2; 5 GHz 2x2, processor: 1.5 GHZ tri-core processor. Operation Mode: Wireless router mode; access point mode; Media Bridge Mode Processor: 1.5 Ghz tri-core processor
44	Digital Camera Type: 1/2 3 type back-illuminated CMOS, Type: DIGIC 4+ with Isaps technology, Zoom: Optical 25x, ZoomPlus50x, FOCUSING,Type:TT,Image Size: , 4:3 - (L) 5184 x 3888, (M1) 3648 x 2736,(M2) 2048 x 1536, (M) 2592 x 1944,(S) 640 x 480, 16:9 - (L) 5184 x 2912 (M1) 3648 x 2048, (M2) 2048 x 1368, (S) 640 x 424, 1:1 - (L) 3888 x 3888, (M1) 2736 x 2736, (M1) 2736 x 2736, (M2) 1536 x 1536, (S) 480 X 480, Resize option available in playback, Hi-Speed USB dedicated connector (Micro-B compatible)
45	NAS Storage: Gigabit Ethernet, USB 3.0 5 GB/s (Max, USB 2.0 480 mb/s (Max)
46	Display Monitor: 27" , IPS Technology, Full HD 1080 res., Display Port and VGA input
	PR 2021-00-0087 LSD REGULAR
47	Desktop Memory, 32GB, DDR4, 3600MHz
48	Desktop Memory, 8GB, DDR3, 1600MHz
49	Power Supply Unit, True-rated, RAVE 80 PLUS 800WATTS
50	Power Adapter, 100 cm, 24W, Voltage Input: AC 100-240V Electric Current: Max. 2A
51	USB Keyboboard Vacuum Cleaner, Power: 8W Voltage: DC 5V Power supply: Usb charging Battery capacity: 2000mAh colour:black Material:ABS
	PR 2021-00-0087 LSD PD 1435
52	Memory Ram, SODIMM, 16GB, 3200MHz, DDR4C CL22
	PR 2021-00-0050 SSD REG
53	Keyboard and mouse wireless combo, wireless range: 10m, 2.4GHz wireless connectivity compatible for tablet, laptop
54	External Drive SSD, USB 3.0/3.1 atleast 500 GB
	PR 2021-00-0118 Planning REGULAR
55	OTG (Micro-USB, 32gb)
	PR 2021-02-284 GSITD REG
56	Motherboard (Socket type:AM4+(Compatible Ryzen 9 3900X) Chipset:x570
57	Fiber Module
58	Monitor 55 inches
59	wireless full size keyboard and mouse Keyboard Spill resistant design Abrasion resistant key print Advanced 2.4GHz wireless (10 meters) Wireless encryption Bluetooth receiver with Unifying Technology On/off power switch Caps lock indicator light Battery indicator light Mouse Full-size and ambidextrous shape Laser-grade tracking 7 buttons, scroll wheel On/off power switch Battery indicator light
60	16 GB, DDR4, Memory Card
61	8 GB, DDR3, Memory Card
62	500 GB SSD, SATA Internal Drive
63	Power Supply 80% Efficiency

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64	IPS 27 inch Monitor
65	SSD M.2 NVMe 500GB
66	Power Supply 1000 watt 80 Plus gold modular
67	Casing Full Tower, USB 3.0, tempered glass side panel
68	Memory Card RAM 2x16GB 3600 Mhz, Multi-channel
69	4TB Hard Drive with at least 5900 RPM, 3.5 inch
	PR 2021-02-284 GSITD NSST
70	ATV Casing with USB 3.0

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

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.

- ✓ Awarding is per item basis. One Project having several items, which shall be awarded as separate contracts per item.

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:

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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%)
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>)
- 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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Department of Agriculture
BUREAU OF SOILS AND WATER MANAGEMENT
SRDC Bldg., Elliptical Road corner Visayas Avenue,
Diliman, Quezon City

ANNEX A

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

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	% of Accomplishment		Value of Outstanding Works / Undelivered Portion
			Description	%		Planned	Actual	
<u>Government</u>								
<u>Private</u>								
						Total Cost		

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

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ANNEX B

Statement of Completed Similar Contracts

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

- 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: _____

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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>

Item #	Item Description	Statement of Compliance
	PR 2021-00-0034 SCMD R & D CORN	
1	Wireless keyboard and mouse combo (long range wireless 2.4 GHz, full size keyboard USB, nano receiver)	
2	4-port USB 3.0 Hub (ultra slim, high speed USB splitter, portable extension data hub, compatible for mouse, keyboard, flashdrive HDD and more)	
3	USB (OTG 64 GB)	
4	External SSD, 500GB	
5	RAM 16GB DDR4	
6	RAM 8GB DDR3	
7	Hard Disk 1TB 7200RPM 3.5	

8	Internal SSD Drive 500 SATA Internal Drive	
9	OTG 64GB on the Go USB Type C	
	PR 2021-00-0042 SCMD MANILA BAY	
10	<p>Compact all-in-one Printer: Print, copy, scan, wireless</p> <p>Print speed: Black (A4, ISO): Up to 8 ppm; Colour (A4, ISO): Up to 5 ppm;</p> <p>Print resolution: Black (best): Up to 1200 x 1200 rendered dpi; Colour (best): Up to 4800 x 1200 optimised dpi colour;</p> <p>Monthly duty cycle: Up to 1,000 pages A4;</p> <p>Copy speed: Black (A4, ISO): Up to 5 cpm; Colour (A4, ISO): Up to 3 cpm</p> <p>Maximum number of copies: Up to 9 copies; Copy resolution: Up to 300 x 300 dpi</p> <p>Scan File Type: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), TIFF (.tif)</p> <p>Scanner type: Single-page document feeder;</p> <p>Scan size maximum (flatbed, ADF): 216 x 297 mm;</p> <p>Optical scan resolution: Up to 600 dpi</p> <p>Input capacity max: Up to 60 sheets;</p> <p>Output capacity max: Up to 25 sheets</p> <p>Connectivity: 1 Hi-Speed USB 2.0;</p> <p>Wireless via built-in Wi-Fi 802.11b/g/n</p> <p>Mobile printing, Network via built-in wireless 802.11b/g/n,</p> <p>Media types: Plain paper, matte brochure papers, glossy brochure papers, photo papers, envelopes, other specialty inkjet papers</p> <p>Media size Custom (metric): 76 x 127 to 216 x 356 mm</p> <p>Compatible operating systems: Windows 10/ 8.1/ 8/ 7</p> <p>Power Requirements: Input voltage 200 to 240 VAC, 50/60 Hz;</p> <p>Power supply type: Built-in power supply</p>	
11	<p>Portable Sheetfed Document Scanner</p> <p>Scanner Type: A4 sheet-fed colour scanner</p> <p>Sensor Type: Contact Image Sensor (CIS)</p> <p>Scanning Method: Fixed document and moving carriage</p> <p>Light Source: RGB LED</p> <p>Optical Resolution: 600 x 600 dpi</p> <p>Output Resolution: 50 - 1,200 dpi (in 1</p>	

	<p>dpi increments)</p> <p>Scanner Bit Depth (Colour): 48-bit input, 24-bit output</p> <p>Scanner Bit Depth (Grayscale): 16-bit input, 8-bit output</p> <p>Scanner Bit Depth (Black & White): 16-bit input, 1-bit output</p> <p>Min Document Size: 50.8 x 50.8 mm</p> <p>Max Document Size: 216 x 1,828.8 mm</p> <p>Supported Paper Weight: 35 - 270 g/m2</p> <p>Daily Scan Volume: Up to 300 sheets / day</p> <p>Scan Speed: 200dpi: 5.5sec; 300dpi: 5.5sec; 600dpi: 9.0sec</p> <p>Supported OS: Windows XP / Vista / 7 / 8 / 8.1 / 10</p> <p>File Format: JPEG, PDF, Searchable PDF, DOCX, XLSX, PPTX</p>	
	PR 2021-00-0095 WRMD RICE ESSETS	
12	<p>External Hard drive 2TB</p> <p>Ultra Slim 2TB External Hard Drive</p> <p>Portable HDD</p> <p>USB 3.0 for PC Laptop and Mac</p> <p>Max Data Transfer: 120MB/s</p> <p>OS Required: Apple MacOS X 10.7 or later, Microsoft Windows 7 or later</p> <p>Cable Type: SuperSpeed USB cable</p> <p>Color: any color</p> <p>Includes free external drive bag/carry case</p>	
	PR 2021-00-0104 WRMD INS VARIOUS	
13	<p>Printer</p> <p>Printer Type: Print, Scan, Copy</p> <p>Printing Technology: On-demand inkjet (Piezoelectric)</p> <p>Nozzle Configuration: 180 x 1 nozzles Black, 59 x 1 nozzles per colour (Cyan, Magenta, Yellow)</p> <p>Maximum Print Resolution: 5760 x 1440 dpi (with Variable-Sized Droplet Technology)</p> <p>Minimum Ink Droplet Size: 3 pl</p> <p>Maximum Paper Size: 215.9 x 1200 mm (8.5 x 47.24")</p> <p>Paper Feed Method: Friction feed</p> <p>Paper Size: Legal, Indian-Legal (215 x 345 mm), 8.5 x 13", Letter, A4, 16K (195 x 270 mm), B5, A5, B6, A6, Hagaki (100 x 148 mm), 5 x 7", 4 x 6", Envelopes: #10, DL, C6</p> <p>Scanner Type: Flatbed colour image scanner</p>	

	Flatbed (Black / Colour): 200 dpi: 11 sec / 200 dpi: 28 sec	
	PR 2021-00-0128 OAP STO	
14	All-in-one color printer (refillable ink tank system)	
	Printer type: Print, Scan, Copy	
	Printing technology: On-demand inkjet (Piezoelectric)	
	Photo Default - 10x15cm: Approx. 69 seconds per photo (border) / 90 seconds per photo (borderless)	
	Draft, A4 (Black/Colour): Colour/Black-and-White; Draft/Standard	
	Maximum copies from standalone: 20 copies	
	Maximum copy size: A4, Letter	
	Max copy resolution: 600x600 dpi	
15	Multi-purpose geo-tagging device	
	6- 6.8" full view display	
	2340x1080 high resolution	
	Operating system: Android 8.1 or later	
	Memory: 4GB + 64GB	
	GPS/APS/Glonass	
	Connectivity: Bluetooth, Micro USB, Wi-Fi direct, WiFi hot spot	
	Sensors: Fingerprint sensor, Proximity sensor, Ambient light sensor, Digital compass, Gravity sensor, Gyroscope	
	Front Camera: 16MP min	
	Rear Camera: 13MP min	
	Battery: 4000 mAh	
16	Smart Television	
	40" Smart Curved TV	
	High Definition	
	Backlight (E-LED)	
	Signal Boost	
	Easily connected to Wi-Fi	
	Screen Mirroring	
	High speed 3.0 USB connection	
	Piano finish, narrow bezel	
	Wide viewing angle	
	ADS panel display	
	3 USB input	
	2 HDMI	
	PR 2021-00-0013 BULACAN REG	
17	Wireles Presenter	
	Color: Black Laser Class: Class 2 Laser Wave Length: 640~660nm (red light) Battery type: 2 AAA batteries Wireless operating distance: Approx 10m2 Wireless technology: 2.4 GHz wireless	

	technology Supported OS: Windows Vista, Windows 7, Windows 8 Interface: USB Accessories: Carrying case	
18	3.0 USB Hub and Card Reader Combo - Power status LED indicator - Multiple USB 3.0 interface Overcurrent and undercurrent protection - Supports Windows XP, Windows 7, 8 and Mac OS Linux - High speed data transfer up to 5 Gbps - Compatibility card: MS, M2, SD, TF	
19	Wireless Mouse and Keyboard Combo - 2.4 wireless technology - up to 10 meters connection - on/off switch - full size keyboard - plug and play	
20	CPU Cooling Fan with LED - Material: polyethylene - Color: Black - Length: 1m - Outer Diameter: 8mm	
21	Wire Spiral Wrap Sleeving Band Tube/ Cable Protector - Material: polyethylene - Color: Black - Length: 1m - Outer Diameter: 8mm	
22	Mouse pad, comfort mouse pad with wrist rest gel support mat mice	
23	USB 3.0 flash drive, 32GB	
24	Network Ethernet LAN kit	
	Stripping cable: Network Cable Tester: This Network Cable Tester is for test of RJ11, RJ12, RJ45, 10/100 Base-T, TIA 568A /568B AT&T 258A, BNC, Cat 5, etc	
	This device be separated into two units: Main Unit and Remote Unit.	
	The Remote Unit allows you to test cables installed far away either on patch panel or wall plate with the Auto- Test.	
	Mode and 9 LED indicators for testing each pin.	
	Compact and Light Weight.	
	Packaged with a leather case for storage.	
	Powered by a 9V battery Network Cable Crimper:	

	For cuts, strips and crimps for 8P8C/ RJ-45, 6P6C/RJ12, 6P4C/RJ-11, 4P4C & 4P2C in one tool Packing Accessories:	
	1. Cross screwdriver:	
	Soft rubber handle, the cutter head and magnetic treatment, used for disassembling desktop computers, printers and other equipment screw	
	2. Flat screwdriver:	
	Soft rubber handle, the cutter head and magnetic treatment for auxiliary disassembling components, such as the CPU fan or casing, etc.	
	3. Network tester (for testing cables)	
	4. Crimping pliers	
	5. Wire stripping k nife	
	6. Stripping pliers k nife	
	7. K nife	
	8. Card k nife	
	9. Crystal Connectors (10pcs)	
	10. Plastic Box	
	11. Bag	
	Package Included:	
	1 x 9Pcs Network Computer Maintenance Repair Tool Kit	
	1 x User Manual	
	1 x Storage Bag	
25	16-port Gigabit Switch	
	Standards and Protocols: 802.3 10BASE-T Ethernet 802.3u 100BASE-TX Fast Ethernet 802.3ab 1000BASE-T Gigabit Ethernet 802.3z Gigabit Ethernet 802.3x flow control 802.1p priority 802.3az, Energy Efficient Ethernet Ports 16 RJ-45 connectors for 10BASE- T/100BASE-TX LED Indicators System/PWR, Link/Activity, 100M,* Gigabit,*	
	PR 2021-00-0015 BULACAN REG	
26	Portable Sheetfed Document Scanner	
	Maximum Resolution: 600 dpi Color Depth: 24-bit Duplex Scanning Scan Speed: 23-46 ipm Minimum Scan Size: Letter Maximum Scan Size: Legal Media Handling: Automatic Document Feeder Sheet Capacity: 20 Sheets	

	Daily Duty Cycle: 1000 scans Connectivity: USB 2.0	
27	Wifi All-In-One Tank Printer	
	Printer: Minimum Printing Resolution: 1200 dpi Ink type: Individual Ink Charge Paper Size: A4, A5, B5, LTR, LGL, 4 x 6", 5 x 7", 8 x 10", Envelopes (DL, COM10) Scanner: Scanner Type: Flatbed & ADF Scanning Method: Contact Image Sensor Optical Resolution: 2400 x 4800dpi Colour: 48 bit Additional Feature: Wireless Connectivity	
28	LED Display for PPT Presentation	
	Screen Size: 40-inch Connectivity: Wifi, LAN USB Port: USB 2.0 x1 TV Resolution: Full HD HDMI port: 2 OS: Android Oreo Smart TV	
29	Wi-Fi Range Extender	
	- Speed: 2.4GHz band (300Mbps) and %GHz (433Mbps), stable dual band wi-fi extension, compatible with any wi-fi router	
	PR 2021-00-0087 SWRRD NUE	
30	Flash drive, dual USB OTG, 32GB, Android type	
31	Flash drive, dual USB OTG, 32GB, Type C	
	PR 2021-00-0087 SWRRD REGULAR	
32	Wireless Headphones for conferences with microphone	
	Lightweight, folding design for ultimate music mobility	
	30 mm ferrite drivers for powerful, balanced sound	
	10–24,000 Hz frequency range	
	Padded earcups for comfortable listening	
	PR 2021-00-0087 SWRRD RICE R & D	
33	USB 2.4GHz Wireless PPT PowerPoint Presenter Pointer Clicker Laser Remote Control	
	PR 2021-00-0046 ALMED SEMLUR/NPAAAD/REG	
34	All-in-one Ink Tank Printer with ADF	
	High-quality printing	
	Print, scan, copy, fax with Automatic Document Feeder and Flatbed feeder	

	Spill-free, error-free refilling	
	High yield ink bottles	
	Borderless printing	
35	Printer with ADF 4-in-1: Print, copy & scan and borderless photo printing	
	Wi-Fi Direct, Ethernet: Print from mobile devices	
	Scanner type: Contact image sensor (CIS)	
	Scan Optical Resolution: 1,200 DPI x 2,400 DPI (Horizontal x Vertical)	
	Single-sided scan speed (A4 colour): 200 dpi (with ADF); , 4.5 ipm with ADF scan 200 dpi (flatbed) 29 sec. with flatbed scan	
	ADF:30 pages	
	Paper tray capacity: 100 sheets standard	
36	Storage Backup Plus 6TB	
37	UPS, 650 VA 390 watts UPS	
38	Monitor, 21.4", Panel type: TN 1920x1080 resolution	
39	Portable Projector : Native Resolution: 800x480, LCD, LED 34-130 inch, Manual Control TV/HDMI/USB/AV/VGA/SD , Audio file Format: WMA,MP3, M4A, Image File: JPEG, BMP, PNG Video File : RM/RMVB, MPEG1,MPEG2, H264, MOV, MJPEG, FLV, VCI, DIVX, etc.	
40	All-in-One Multifunction Printer High Quality printing, Print, scan copy, fax w/ automatic document feeder and flatbed feeder, Spill free, error free refilling, High Yield ink bottles, boardless printing	
41	Printer 4 in 1: Print Method: On-demand inkjet (piezoelectric) Maximum Print Resolution : 5760 x 1440 dpi (with variable-sized droplet technology) Print Direction: Bi-directional printing, Undirectional printing Maximum Copy Size: A4, Letter	
42	Geo-Tagging Device: 6-6.5" Full View Display, 2340 x 1080 high resolution, Android 8.1, 4gb+64gb GPS/APS/Glonass, Bluetooth, Micro Usb, Wifi direct, Wifi Hotspot, Fingerprint	

	sensor, proximity, front cam :16m, Rear cam: 13m Battery :4000 maH	
43	Wifi Router (2402Mbps+574Mbps) External Antenna x 4, 2.4 Ghz 2 x 2; 5Ghz 2 x 2, Transmit/receive: 2.4 GHz x 2; 5 GHz 2x2, processor: 1.5 GHZ tri- core processor. Operation Mode: Wireless router mode; access point mode; Media Bridge Mode Processor: 1.5 Ghz tri-core processor	
44	Digital Camera Type: 1/2 3 type back- illuminated CMOS, Type: DIGIC 4+ with Isaps technology, Zoom: Optical 25x, ZoomPlus50x, FOCUSING,Type:TT,Limage Size: , 4:3 - (L) 5184 x 3888, (MI) 3648 x 2736,(M2) 2048 x 1536, (M) 2592 x 1944,(S) 640 x 480, 16:9 - (L) 5184 x 2912 (MI) 3648 x 2048, (M2) 2048 x 1368, (S) 640 x 424, 1:1 - (L) 3888 x 3888, (MI) 2736 x 2736, (M1) 2736 x 2736, (M2) 1536 x 1536, (S) 480 X 480, Resize option available in playback, Hi- Speed USB dedicated connector (Micro- B compatible)	
45	NAS Storage: Gigabit Ethernet, USB 3.0 5 GB/s (Max, USB 2.0 480 mb/s (Max)	
46	Display Monitor: 27" , IPS Technology, Full HD 1080 res., Display Port and VGA input	
	PR 2021-00-0087 LSD REGULAR	
47	Desktop Memory, 32GB, DDR4, 3600MHz	
48	Desktop Memory, 8GB, DDR3, 1600MHz	
49	Power Supply Unit, True-rated, RAVE 80 PLUS 800WATTS	
50	Power Adapter, 100 cm, 24W, Voltage Input: AC 100-240V Electric Current: Max. 2A	
51	USB Keyboboard Vacuum Cleaner, Power: 8W Voltage: DC 5V Power supply: Usb charging Battery capacity: 2000mAh colour:black Material:ABS	
	PR 2021-00-0087 LSD PD 1435	
52	Memory Ram, SODIMM, 16GB, 3200MHz, DDR4C CL22	
	PR 2021-00-0050 SSD REG	

53	Keyboard and mouse wireless combo, wireless range: 10m, 2.4GHz wireless connectivity compatible for tablet, laptop	
54	External Drive SSD, USB 3.0/3.1 at least 500 GB	
	PR 2021-00-0118 Planning REGULAR	
55	OTG (Micro-USB, 32gb)	
	PR 2021-02-284 GSITD REG	
56	Motherboard (Socket type:AM4+(Compatible Ryzen 9 3900X) Chipset:x570	
57	Fiber Module	
58	Monitor 55 inches	
59	wireless full size keyboard and mouse	
	Keyboard	
	Spill resistant design	
	Abrasion resistant key print	
	Advanced 2.4GHz wireless (10 meters)	
	Wireless encryption	
	Bluetooth receiver with Unifying Technology	
	On/off power switch	
	Caps lock indicator light	
	Battery indicator light	
	Mouse	
	Full-size and ambidextrouse shape	
	Laser-grade tracking	
	7 buttons, scroll wheel	
	On/off power switch	
	Battery indicator light	
60	16 GB, DDR4, Memory Card	
61	8 GB, DDR3, Memory Card	
62	500 GB SSD, SATA Internal Drive	
63	Power Supply 80% Efficiency	
64	IPS 27 inch Monitor	
65	SSD M.2 NVMe 500GB	
66	Power Supply 1000 watt 80 Plus gold modular	
67	Casing Full Tower, USB 3.0, tempered glass side panel	
68	Memory Card RAM 2x16GB 3600 Mhz, Multi-channel	
69	4TB Hard Drive with at least 5900 RPM, 3.5 inch	
	PR 2021-02-284 GSITD NSST	
70	ATV Casing with USB 3.0	

	Compliance with Section VI. Schedule of Requirements 60 calendar days upon receipt of NTP	
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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 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	
17	Micropipette 1 mL (100-1000 μ L) Mechanical Autoclavable Pipette, Single Channel Adjustable volume	
18	Micropipette 5mL (1000-5000 μ L) 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 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 × 81 mm × 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 × W × H 135 mm × 135 mm × 20 mm, 100pcs per pack	
39	Square shaped weighing boat, antistatic and made from impact polystyrene, white, L × W × H 86 mm × 86 mm × 25 mm, 100 pcs per pack	
40	Square shaped weighing boat, antistatic and made from impact polystyrene, white, L × W × H 40 mm × 40 mm × 8 mm, 100 pcs per pack	
41	Square shaped weighing boat, antistatic and made from impact polystyrene, white, 81 mm × 81 mm × 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	
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	
	Compliance with Section VI. Schedule of Requirements	

Name and Signature of Authorized Representative

Company Name

Date Signed

