



# **PROCUREMENT PLAN PACKAGING**

**INDONESIA – HEALTH SYSTEM STRENGTHENING PROJECT**

**(P180811)**

**DECEMBER 2023**

## Procurement Plan for Goods, Works and Non-Consulting Services

No	Activity	Procurement Category	Component (SIHREN)	Review Type	Proc. Method	Market Approach	Estimated total amount (USD)
1	<b>Procurement of Electrical Beds with Scale (28 units)</b>	Goods	2	Post	RFB (1S 1E)	National Open/RFQ/e-purchasing	226,243.17
2	<b>Procurement of Cathlab Single Plane &amp; Bi Plane (401 units)</b>	Goods	2	Prior	RFB (1S 2E)	International Open	497,365,417.00
	Lot 1: Procurement of Single Plane Cathlabs for delivery to West Indonesia (149 units)	Goods					182,082,176.00
	Lot 2: Procurement of Single Plane Cathlabs for delivery to Central Indonesia (72 units)	Goods					87,986,018.00
	Lot 3: Procurement of Single Plane Cathlabs for delivery to East Indonesia (174 units)	Goods					212,632,877.00
	Lot 4: Procurement of Biplane Cathlabs for delivery across Indonesia (6 units)	Goods					14,664,336.00
3	<b>Procurement of Dialysis Equipment (16 units)</b>	Goods	2	Post	RFB (1S 1E)	National Open	581,642.56
	Lot 1: Procurement of Automated Peritoneal Dialysis (12 units)	Goods					242,764.80
	Lot 2: Procurement of Continuous Renal Replacement Therapy (CRRT), Neonate (4 units)	Goods					338,877.76
4	<b>Procurement of Video Flexible Bronchoscopy (Portable Handheld) (3 units)</b>	Goods	2	Post	RFB (1S 1E)	National Open	862,463.23
5	<b>Procurement of High Flow Equipment (80 units)</b>	Goods	2	Post	RFB (1S 1E)	National Open	1,700,561.11
	Lot 1: Procurement of High Flow Oxygen Delivery Unit (NICU) (39 units)	Goods					830,565.12
	Lot 2: Procurement of High Flow Oxygen Delivery Unit (PICU) (41 units)	Goods					869,995.99
6	<b>Procurement of Infant Warmers Equipment (851 units)</b>	Goods	2	Prior	RFB (1S 2E)	International Open	28,673,343.16
	Lot 1: Procurement of Infant Warmers Equipment for delivery to West Indonesia (324 units) <ul style="list-style-type: none"> <li>- Infant Incubator (NICU) (310 units)</li> <li>- Infant Incubator with Radiant Warmer (NICU) (12 units)</li> <li>- Transport Infant Incubator (2 units)</li> </ul>	Goods					10,968,568.65

No	Activity	Procurement Category	Component (SIHREN)	Review Type	Proc. Method	Market Approach	Estimated total amount (USD)
	Lot 2: Procurement of Infant Warmers Equipment for delivery to Central Indonesia (156 units) - Infant Incubator (NICU) (146 units) - Infant Incubator with Radiant Warmer (NICU) (10 units)	Goods					5,573,641.48
	Lot 3: Procurement of Infant Warmers Equipment for delivery to East Indonesia (371 units) - Infant Incubator (NICU) (362 units) - Infant Incubator with Radiant Warmer (NICU) (8 units) - Transport Infant Incubator (1 unit)	Goods					12,131,133.03
<b>7</b>	<b>Procurement of Invasive Cardiology Equipment (101 units)</b>	<b>Goods</b>	<b>2</b>	<b>Prior</b>	<b>RFB (1S 2E)</b>	<b>International Open</b>	<b>10,474,153.07</b>
	Lot 1: Procurement of 3D Ablation System (3 units)	Goods					334,848.00
	Lot 2: Procurement of Intra-aortic Ballon Pump (IABP) (11 units)	Goods					1,534,720.00
	Lot 3: Procurement of Rotablator (Cardiac) (26 units)	Goods					1,160,806.40
	Lot 4: Procurement of Fractional Flow Reserve (OCT and IVUS compatible) (26 units)	Goods					3,627,520.00
	Lot 5: Procurement of Invasive Hemodynamic Monitor (19 units)	Goods					996,258.67
	Lot 6: Procurement of Optical Coherence Tomography (OCT) (8 units)	Goods					1,424,800.00
	Lot 7: Procurement of Intravascular Ultrasound (IVUS) (8 units)	Goods					1,395,200.00
<b>8</b>	<b>Procurement of Thromboelastogram (TEG) (13 units)</b>	<b>Goods</b>	<b>2</b>	<b>Post</b>	<b>RFB (1S 1E)</b>	<b>National Open/RFQ/e-purchasing</b>	<b>404,121.47</b>
<b>9</b>	<b>Procurement of Laboratory Major Analyzer Equipment (18 units)</b>	<b>Goods</b>	<b>2</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National</b>	<b>2,631,109.59</b>
	Lot 1: Procurement of Analyzers, Laboratory, Molecular Assay, Infectious Microorganism (13 units)	Goods					779,029.33
	Lot 2: Procurement of Spectrometers, Mass, Laboratory (5 units)	Goods					1,852,080.25
<b>10</b>	<b>Procurement of Portable Blood Gas Analyzer (NICU) (415 units)</b>	<b>Goods</b>	<b>2</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>8,388,587.86</b>

No	Activity	Procurement Category	Component (SIHREN)	Review Type	Proc. Method	Market Approach	Estimated total amount (USD)
	Lot 1: Procurement of Portable Blood Gas Analyzer (NICU) for delivery West Indonesia (157 units)	Goods					3,173,513.96
	Lot 2: Procurement of Portable Blood Gas Analyzer (NICU) for delivery to Central Indonesia (75 units)	Goods					1,516,009.85
	Lot 3: Procurement of Portable Blood Gas Analyzer (NICU) for delivery to East Indonesia (183 units)	Goods					3,699,064.04
<b>11</b>	<b>Procurement of Point-of-Care Bilirubinometer (537 units)</b>	<b>Goods</b>	<b>2</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>2,297,584.47</b>
	Lot 1: Procurement of Point-of-Care Bilirubinometer, Blood Sample for delivery to West Indonesia (200 units)	Goods					855,711.16
	Lot 2: Procurement of Point-of-Care Bilirubinometer, Blood Sample for delivery to Central Indonesia (102 units)	Goods					436,412.69
	Lot 3: Procurement of Point-of-Care Bilirubinometer, Blood Sample for delivery to East Indonesia (235 units)	Goods					1,005,460.62
<b>12</b>	<b>Procurement of Laser Bundle (17 units)</b>	<b>Goods</b>	<b>2</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>3,209,180.86</b>
	Lot 1: Procurement of Laser Holmium (Ho:YAG Laser urology) (13 units)	Goods					2,730,000.00
	Lot 2: Procurement of ND:Yag Ablation Laser for TTTS (OBGYN) (4 units)	Goods					479,180.86
<b>13</b>	<b>Procurement of MRI 1.5T (11 units)</b>	<b>Goods</b>	<b>2</b>	<b>Prior</b>	<b>RFB (1S 2E)</b>	<b>International Open</b>	<b>19,797,888</b>
<b>14</b>	<b>Procurement of Neonatal Equipment (35 units)</b>	<b>Goods</b>	<b>2</b>	<b>Post</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>502,314.73</b>
	Lot 1: Procurement of Auditory Function Screening Devices - Brain Evoked Response Auditory (Neonate) (4 units)	Goods					194,598.15
	Lot 2: Procurement of Auditory Function Screening Devices - Otoacoustic (Neonate) (31 units)	Goods					307,716.59
<b>15</b>	<b>Procurement of Neuro Equipment (45 units)</b>	<b>Goods</b>	<b>2</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>8,989,981.84</b>
	Lot 1: Procurement of High speed drill power system (for neurosurgery) (16 units)	Goods					1,116,160.00
	Lot 2: Procurement of Neurosurgery microscope (12 units)	Goods					6,720,000.00
	Lot 3: Procurement of Neonatal Electroencephalography (EEG) (NICU) (17 units)	Goods					1,153,821.84

No	Activity	Procurement Category	Component (SIHREN)	Review Type	Proc. Method	Market Approach	Estimated total amount (USD)
<b>16</b>	<b>Procurement of Oximetry Equipment (580 units)</b>	<b>Goods</b>	<b>2</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>2,657,766.74</b>
	Lot 1: Procurement of Portable Respiratory Monitor (Capnography + Oximetry) (42 units)	Goods					471,912.00
	Lot 2: Procurement of Pulse Co-Oximeter (Neonate) for delivery to West Indonesia (200 units)	Goods					812,585.40
	Lot 3: Procurement Pulse Co-Oximeter (Neonate) for delivery to Central Indonesia (102 units)	Goods					414,418.56
	Lot 4: Procurement Pulse Co-Oximeter (Neonate) for delivery to East Indonesia (236 units)	Goods					958,850.78
<b>17</b>	<b>Procurement of Ophthalmic Diode Laser (810nm) (7 units)</b>	<b>Goods</b>	<b>2</b>	<b>Post</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>617,550.93</b>
<b>18</b>	<b>Procurement of Patient Diagnostic Equipment (19 units)</b>	<b>Goods</b>	<b>2</b>	<b>Post</b>	<b>RFB (1S 1E)</b>	<b>National Open/RFQ/e-purchasing</b>	<b>113,523.97</b>
	Lot 1: Procurement of Ophthalmoscope Indirect (14 units)	Goods					96,133.72
	Lot 2: Procurement of Vein Finder (5 units)	Goods					17,390.26
<b>19</b>	<b>Procurement of Patient Monitoring Invasive Equipment (71 units)</b>	<b>Goods</b>	<b>2</b>	<b>Post</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>949,277.21</b>
	Lot 1: Procurement of Neonate Invasive Patient Monitor (NICU) (40 units)	Goods					693,845.47
	Lot 2: Procurement of Invasive Blood Pressure Monitor (Paeds & Neonate) (31 units)	Goods					255,431.73
<b>20</b>	<b>Procurement of Patient Monitoring Non-Invasive Equipment (443 units)</b>	<b>Goods</b>	<b>2</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>3,954,083.23</b>
	Lot 1: Procurement of Cardiotocography (CTG)/Fetal Monitor (34 units)	Goods					295,431.89
	Lot 2: Procurement of Neonate Patient Monitor (NICU) for delivery to West Indonesia (155 units)	Goods					1,386,530.46
	Lot 3: Procurement of Neonate Patient Monitor (NICU) for delivery to Central Indonesia (73 units)	Goods					653,011.12
	Lot 4: Procurement of Neonate Patient Monitor (NICU) for delivery to East Indonesia (181 units)	Goods					1,619,109.76

No	Activity	Procurement Category	Component (SIHREN)	Review Type	Proc. Method	Market Approach	Estimated total amount (USD)
21	<b>Procurement of Transcutaneous Non-Invasive Blood Gas Monitor (5 units)</b>	Goods	2	Post	RFB (1S 1E)	National Open/RFQ/e-purchasing	159,176.67
22	<b>Procurement of Radiography Equipment (7 units)</b>	Goods	2	Post	RFB (1S 1E)	National Open	1,520,100.53
	Lot 1: Procurement of C-arm (6 units)	Goods					1,255,680.00
	Lot 2: Procurement of Digital Mobile X-Ray (1 unit)	Goods					264,420.53
23	<b>Procurement of Respiratory/ Anaesthesia Equipment (22 units)</b>	Goods	2	Prior	RFB (1S 1E)	National Open	2,669,664.01
	Lot 1: Procurement of Anaesthesia Unit (Paeds) (5 units)	Goods					526,981.28
	Lot 2: Procurement of Nitric Oxide Delivery Unit (17 units)	Goods					2,142,682.73
24	<b>Procurement of Surgery Equipment (79 units)</b>	Goods	2	Prior	RFB (1S 2E)	International Open	20,475,514.62
	Lot 1: Procurement of Heart Lung Bypass Unit (18 units)	Goods					5,022,720.00
	Lot 2: Procurement of ECMO Set (36 units)	Goods					9,609,748.20
	Lot 3: Procurement of ECMO Set (NICU) (2 units)	Goods					586,085.49
	Lot 4: Procurement of Radiofrequency Therapy System (Puncture Generator) (NICU) (12 units)	Goods					652,800.93
	Lot 5: Procurement of ESWL (Lithotripter) (11 units)	Goods					4,604,160.00
25	<b>Procurement of Ultrasound Equipment (876 units)</b>	Goods	2	Prior	RFB (1S 2E)	International Open	75,159,589.31
	Lot 1: Procurement of Ultrasound Equipment for delivery to West Indonesia (349 units) <ul style="list-style-type: none"> <li>- 3D Ultrasound (OBGYN) (3 units)</li> <li>- 4D Ultrasound (OBGYN) (1 unit)</li> <li>- Ultrasound Doppler (Nephro) (100 units)</li> <li>- Echocardiography (86 units)</li> <li>- Portable Echocardiography (Neonate) (155 units)</li> </ul>	Goods					30,230,669.54

No	Activity	Procurement Category	Component (SIHREN)	Review Type	Proc. Method	Market Approach	Estimated total amount (USD)
	- 4D Portable Echocardiography (Neonate) (4 units)						
	Lot 2: Procurement of Ultrasound Equipment for delivery to Central Indonesia (138 units) - 3D Ultrasound (OBGYN) (3 units) - Ultrasound Doppler (Nephro) (26 units) - Echocardiography (33 units) - Portable Echocardiography (Neonate) (73 units) - 4D Portable Echocardiography (Neonate) (3 units)	Goods					11,199,325.35
	Lot 3: Procurement of Ultrasound Equipment for delivery to East Indonesia (389 units) - 3D Ultrasound (OBGYN) (3 units) - Ultrasound Doppler (Nephro) (93 units) - Echocardiography (107 units) - Portable Echocardiography (Neonate) (181 units) - 4D Portable Echocardiography (Neonate) (5 units)	Goods					33,729,594.41
<b>26</b>	<b>Procurement of CPAP Equipment (538 units)</b>	<b>Goods</b>	<b>2</b>	<b>Post</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>1,941,553.32</b>
	Lot 1: Procurement of Continuous Positive Airway Pressure (CPAP), Transport for delivery to West Indonesia (200 units)	Goods					721,767.04
	Lot 2: Procurement of Continuous Positive Airway Pressure (CPAP), Transport for delivery to Central Indonesia (102 units)	Goods					368,101.19
	Lot 3: Procurement of Continuous Positive Airway Pressure (CPAP), Transport for delivery to East Indonesia (236 units)	Goods					851,685.10
<b>27</b>	<b>Procurement of Ventilator Equipment (1987 units)</b>	<b>Goods</b>	<b>2</b>	<b>Prior</b>	<b>RFB (1S 2E)</b>	<b>International Open</b>	<b>79,582,416.81</b>
	Lot 1: Procurement of High Frequency Ventilator (NICU) (32 units)	Goods					3,878,367.57
	Lot 2: Procurement of Ventilators for delivery to West Indonesia (732 units) - Non-invasive Ventilator (Adult & Paeds) (209 units) - Non-invasive Ventilator (Neonate) (155 units) - Ventilator (Adult & Paeds) (205 units) - Ventilator (Neonate – NICU) (155 units) - Transport Ventilator (Adult & Paeds) (1 unit) - Transport Ventilator (Neonate – NICU) (7 units)	Goods					28,432,076.62

<b>No</b>	<b>Activity</b>	<b>Procurement Category</b>	<b>Component (SIHREN)</b>	<b>Review Type</b>	<b>Proc. Method</b>	<b>Market Approach</b>	<b>Estimated total amount (USD)</b>
	Lot 3: Procurement of Ventilator for delivery to Central Indonesia (361 units) <ul style="list-style-type: none"> <li>- Non-invasive Ventilator (Adult &amp; Paeds) (107 units)</li> <li>- Non-invasive Ventilator (Neonate) (73 units)</li> <li>- Ventilator (Adult &amp; Paeds) (103 units)</li> <li>- Ventilator (Neonate – NICU) (75 units)</li> <li>- Transport Ventilator (Neonate – NICU) (3 units)</li> </ul>	Goods					14,008,694.49
	Lot 4: Procurement of Ventilator for delivery to East Indonesia (862 units) <ul style="list-style-type: none"> <li>- Non-invasive Ventilator (Adult &amp; Paeds) (253 units)</li> <li>- Non-invasive Ventilator (Neonate) (181 units)</li> <li>- Ventilator (Adult &amp; Paeds) (239 units)</li> <li>- Ventilator (Neonate – NICU) (184 units)</li> <li>- Transport Ventilator (Neonate – NICU) (5 units)</li> </ul>	Goods					33,263,278.12
<b>28</b>	<b>Procurement of Warming/ Cooling Equipment (603 units)</b>	<b>Goods</b>	<b>2</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>4,289,381.87</b>
	Lot 1: Procurement of Blanket Warmer (Forced Air) for delivery to West Indonesia (206 units)	Goods					991,727.68
	Lot 2: Procurement of Blanket Warmer (Forced Air) for delivery to Central Indonesia (106 units)	Goods					510,306.48
	Lot 3: Procurement of Blanket Warmer (Forced Air) for delivery to East Indonesia (241 units)	Goods					1,160,225.10
	Lot 4: Procurement of Warming/Cooling Units, Patient, Circulating-Liquid (Pad) (33 units)	Goods					1,112,364.00
	Lot 5: Procurement of Warming/Cooling Units, Patient, Circulating-Liquid (Blanket) (17 units)	Goods					514,758.61
<b>29</b>	<b>Procurement of Near Infrared Spectroscopy (NIRS) NICU/Cerebral Oximeter (40 units)</b>	<b>Goods</b>	<b>2</b>	<b>Post</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>1,970,772.83</b>
<b>30</b>	<b>Procurement of Ultrasonic Cardiac Output Monitor (40 units)</b>	<b>Goods</b>	<b>2</b>	<b>Post</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>1,558,058.67</b>



No	Activity	Procurement Category	Component (SOPHI)	Review Type	Proc. Method	Market Approach	Estimated total amount (USD)
<b>1</b>	<b>Procurement of Resuscitator (26,608 units)</b>	<b>Goods</b>	<b>1</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>11,142,178.90</b>
	Lot 1: Adult Resuscitator (10,686 units)						425,409.66
	Lot 2: Infant T Piece Resuscitator (4,074 units)						97,327.86
	Lot 3: Infant T Piece Resuscitator with PEEP (3,875 units)						10,302,036.25
	Lot 4: Neonatal Resuscitator (7,973 units)						317,405.13
<b>2</b>	<b>Procurement of Scale (83,690 units)</b>	<b>Goods</b>	<b>1</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>15,843,262.26</b>
	Lot 1: Adult Scale (30,684 units)						4,570,688.64
	Lot 2: Body Height Measurement (28,512 units)						7,627,621.48

No	Activity	Procurement Category	Component (SOPHI)	Review Type	Proc. Method	Market Approach	Estimated total amount (USD)
	Lot 3: Digital Infant Weighing Scale (24,494 units)						3,644,952.14
<b>3</b>	<b>Procurement of Laboratory General Equipment (35,174 units)</b>	<b>Goods</b>	<b>1</b>	<b>Prior</b>	<b>RFB (1S 2E)</b>	<b>International Open</b>	<b>19,217,005.07</b>
	Lot 1: Analytical Balance (4,163 units)						4,433,844.78
	Lot 2: Binocular Microscope (Lab) (1,994 units)						2,529,468.76
	Lot 3: Graduated Pipette (Vol 1 cc) (13,616 units)						172,923.20
	Lot 4: Hygro-thermometer (4,023 units)						87,138.18
	Lot 5: Micropipette 5-50, 100-200, 500-1000 ul (2,803 units)						192,033.53
	Lot 6: Microhematocrit Centrifuge (2,902 units)						6,968,041.62
	Lot 7: Photometer (2,850 units)						1,457,490.00
	Lot 8: Rotator Plate (2,923 units)						3,376,065.00
<b>4</b>	<b>Procurement of Defibrillator (4,113 units)</b>	<b>Goods</b>	<b>1</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>7,352,069.76</b>
<b>5</b>	<b>Procurement of Laboratory Major Analyzer (7,525 units)</b>	<b>Goods</b>	<b>1</b>	<b>Prior</b>	<b>RFB (1S 2E)</b>	<b>International Open</b>	<b>87,684,046.50</b>
	Lot 1: Automated hemoglobin system/hematology analyzer (2,219 units)						19,832,534.40
	Lot 2: Chemistry Analyzer, Centrifugal (for Clinical Use) (2,263 units)						63,364,000.00
	Lot 3: Urine analyzer (Semi-automated) (3,043 units)						4,487,512.10
<b>6</b>	<b>Procurement of Infant Warmers (12,507 units)</b>	<b>Goods</b>	<b>1</b>	<b>Prior</b>	<b>RFB (1S 2E)</b>	<b>International Open</b>	<b>63,515,300.77</b>
	Lot 1: Bassinet (Infant) (6,115 units)						1,452,862.85
	Lot 2: Infant Incubator (3,373 units)						47,222,000.00
	Lot 3: Infant Radiant Warmer (3,019 units)						14,840,437.92

No	Activity	Procurement Category	Component (SOPHI)	Review Type	Proc. Method	Market Approach	Estimated total amount (USD)
<b>7</b>	<b>Procurement of Dental Equipment (8,572 units)</b>	<b>Goods</b>	<b>1</b>	<b>Prior</b>	<b>RFB (1S 2E)</b>	<b>International Open</b>	<b>16,823,922.37</b>
	Lot 1: Dental Chair (Complete System) (2,060 units)						15,467,015.60
	Lot 2: Dental Light Curing Unit (3,231 units)						552,307.14
	Lot 3: Ultrasonic Scaler (Dental) (3,281 units)						804,599.63
<b>8</b>	<b>Procurement of Surgery Equipment (47,066 units)</b>	<b>Goods</b>	<b>1</b>	<b>Prior</b>	<b>RFB (1S 2E)</b>	<b>International Open</b>	<b>53,751,632.23</b>
	Lot 1: Cryosurgical Unit and Accessories (5,398 units)						32,565,414.27
	Lot 2: Electrocautery Unit (5,166 units)						5,262,862.50
	Lot 3: Mayo Table or Instrument Table (29,327 units)						12,122,608.72
	Lot 4: Vacuum Extractor, Obstetrics (7,175 units)						3,800,746.74
<b>9</b>	<b>Procurement of Respiratory /Anaesthesia Bundle (20,044 units)</b>	<b>Goods</b>	<b>1</b>	<b>Prior</b>	<b>RFB (1S 2E)</b>	<b>International Open</b>	<b>23,112,690.49</b>
	Lot 1: Nebulizer (2,939 units)						174,811.72
	Lot 2: Oxygen Tank 1 Metercube & Regulator (11,977 units)						1,070,504.26
	Lot 3: Oxygen Tank 6 Metercube & Regulator (785 units)						324,487.60
	Lot 4: Spirometer/Diagnostic Spirometer (4,343 units)						21,542,886.91
<b>10</b>	<b>Procurement of Patient Diagnostic (547,184 units)</b>	<b>Goods</b>	<b>1</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>12,460,672.32</b>
	Lot 1: Adult Stethoscope (34,193 units)						2,776,471.60
	Lot 2: Paediatric Stethoscope (11,517 units)						112,686.46
	Lot 3: Neonatal Duplex Stethoscope (13,547 units)						47,512.41
	Lot 4: Fetal Stethoscope/Fetoscope (3,422 units)						970,913.49

No	Activity	Procurement Category	Component (SOPHI)	Review Type	Proc. Method	Market Approach	Estimated total amount (USD)
	Lot 5: Lancet Pen (5,772 units)						441,256.76
	Lot 6: Ophthalmoscope (3,724 units)						777,796.25
	Lot 7: Otoscope (9,625 units)						1,442,273.91
	Lot 8: Thermometer (465,384 units)						5,891,761.44
<b>11</b>	<b>Procurement of Laryngoscope (14,839 units)</b>	<b>Goods</b>	<b>1</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>6,917,423.95</b>
	Lot 1: Neonatal Straight Blade Laryngoscopes (7,737 units)						4,669,356.87
	Lot 2: Rigid Laryngoscopes (7,102 units)						2,248,067.08
<b>12</b>	<b>Procurement of Patient Beds (2,923 units)</b>	<b>Goods</b>	<b>1</b>	<b>Post</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>1,643,252.14</b>
<b>13</b>	<b>Procurement of Laboratory Point-Of-Care (POC) (42,390 units)</b>	<b>Goods</b>	<b>1</b>	<b>Post</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>1,609,972.20</b>
<b>14</b>	<b>Procurement of General Patient Care (86,355 units)</b>	<b>Goods</b>	<b>1</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>11,809,050.49</b>
	Lot 1: Binocular Loupe (3,760 units)						327,850.19
	Lot 2: Examination Light, Stand Alone (29,057 units)						5,410,413.40
	Lot 3: Head Lamp (6,301 units)						1,135,629.23
	Lot 4: Pen Light (36,884 units)						307,366.67
	Lot 5: Portable Aspirators (Infant) (10,353 units)						4,627,791.00
<b>15</b>	<b>Procurement of Pulse Oximeter (9,006 units)</b>	<b>Goods</b>	<b>1</b>	<b>Post</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>560,803.62</b>
<b>16</b>	<b>Procurement of Cold Chain Equipment (19,983 units)</b>	<b>Goods</b>	<b>1</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>11,803,229.34</b>
	Lot 1: Refrigerator (7,343 units)						2,595,750.50
	Lot 2: Refrigerator (Vaccine) (1,524 units)						6,400,800.00

No	Activity	Procurement Category	Component (SOPHI)	Review Type	Proc. Method	Market Approach	Estimated total amount (USD)
	Lot 3: Vaccine Carrier/Coolbox (11,116 units)						2,806,678.84
<b>17</b>	<b>Procurement of Stretcher (6,446 units)</b>	<b>Goods</b>	<b>1</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>5,157,529.08</b>
	Lot 1: Stretcher (Emergency) (3,498 units)						4,528,720.68
	Lot 2: Wheelchair (2,948 units)						628,808.40
<b>18</b>	<b>Procurement of Infusion Pump (8,489 units)</b>	<b>Goods</b>	<b>1</b>	<b>Prior</b>	<b>RFB (1S 2E)</b>	<b>International Open</b>	<b>13,046,888.92</b>
	Lot 1: Infusion Pump (4,310 units)						6,899,663.50
	Lot 2: Syringe Pump (4,179 units)						6,147,225.42
<b>19</b>	<b>Procurement Of High Pressure Steam Sterilizer (Autoclave) (13,940 units)</b>	<b>Goods</b>	<b>1</b>	<b>Post</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>697,000.00</b>
<b>20</b>	<b>Procurement of Ultrasound Doppler (Fetal) (24,684 units)</b>	<b>Goods</b>	<b>1</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>4,550,064.22</b>
21	Procurement of X-Ray Film Viewer (3,984 units)	Goods	1	Post	RFB (1S 1E)	National Open	697,200.00
22	Procurement of Tensimeter (449,698 units)	Goods	1	Prior	RFB (1S 2E)	International Open	39,523,957.22
23	Procurement of Electrocardiograph (ECG) (2,493 units)	Goods	1	Prior	RFB (1S 1E)	National Open	7,444,796.04
24	Procurement of Table/Chair Equipment (26,601 units)	Goods	1	Prior	RFB (1S 2E)	International Open	13,752,838.74
	Lot 1: Examination Table (Clinic) (14,899 units)						4,771,553.74
	Lot 2: Gynae Examination Table/Chair (11,702 units)						8,981,285.00
<b>25</b>	<b>Procurement of Infantometer (10,949 units)</b>	<b>Goods</b>	<b>1</b>	<b>Post</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>1,590,999.19</b>



No	Activity	Procurement Category	Component (InPULS)	Review Type	Proc. Method	Market Approach	Estimated total amount (USD)
1	<b>Procurement of Centrifuges – Non-Refrigerated Centrifuges (835 units)</b> <ul style="list-style-type: none"> <li>- Biocontainment Centrifuge (225 units)</li> <li>- Centrifuge (64 units)</li> <li>- Centrifuge (250ml) (1 unit)</li> <li>- Centrifuge (8-hole) (1 unit)</li> <li>- Electric Centrifuge (18 units)</li> <li>- Microcentrifuge (Non-refrigerated) (359 units)</li> <li>- Mini-centrifuge (Spindown) (166 units)</li> <li>- Plate Centrifuge (1 unit)</li> </ul>	Goods	3	Prior	RFB (1S 1E)	National Open	2,996,751.18
2	<b>Procurement of Centrifuges – Refrigerated Centrifuges (196 units)</b> <ul style="list-style-type: none"> <li>- Microcentrifuge (Refrigerated) (8 units)</li> <li>- Refrigerated Centrifuge (Highspeed - 14,000 rpm) (15 units)</li> <li>- Refrigerated Centrifuge (Low speed) (171 units)</li> <li>- Refrigerated Centrifuge (Ultra highspeed - 90,000 rpm) (2 units)</li> </ul>	Goods	3	Post	RFB (1S 1E)	National Open	1,778,398.83
3	<b>Procurement of Pipettes (1,411 units)</b> <ul style="list-style-type: none"> <li>- Automatic Device for Multi Channel Pipette Calibration (22 units)</li> <li>- Micropipette (0-2 mikron, 1-10 mikron, 10-100 mikron, 20-200 mikron, 100-1000 mikron) + Carousel (158 units)</li> <li>- Micropipette Set 10, 100, 200, 1000 (739 units)</li> <li>- Multichannel Pipette (1-10 mikron, 10-100 mikron, 20-200 mikron, 100-1000 mikron - 8 row) (35 units)</li> <li>- Pipette Dispenser (457 units)</li> </ul>	Goods	3	Prior	RFB (1S 1E)	National Open	3,686,610.01
4	<b>Procurement of Laboratory Warming Devices (784 units)</b>	Goods	3	Prior	RFB (1S 1E)	National Open	8,866,806.67
	Lot 1: Procurement of Laboratory Incubators <ul style="list-style-type: none"> <li>- Laboratory Incubator (410 units)</li> <li>- Laboratory Incubator (Portable) (10 units)</li> <li>- Laboratory Incubator CO2 (33 units)</li> </ul>						6,046,010.67
	Lot 2: Procurement of Laboratory Ovens <ul style="list-style-type: none"> <li>- Laboratory Microwave (8 units)</li> <li>- Laboratory Oven (323 units)</li> </ul>						2,820,796.00

No	Activity	Procurement Category	Component (InPULS)	Review Type	Proc. Method	Market Approach	Estimated total amount (USD)
<b>5</b>	<b>Procurement of Laboratory General Bundle I (895 units)</b>	<b>Goods</b>	<b>3</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>6,356,795.60</b>
	Lot 1: Dry Autoclave (Chemical) (166 units)						1,979,870.93
	Lot 2: Flammable Liquid Storage Cabinet (448 units)						1,612,800.00
	Lot 3: Fume Hood (128 units)						1,792,000.00
	Lot 4: Laminar Air Flow (18 units)						378,000.00
	Lot 5: Wet Autoclave (Steam) (135 units)						594,124.67
<b>6</b>	<b>Procurement of Laboratory General Bundle II (1,466 units)</b>	<b>Goods</b>	<b>3</b>	<b>Prior</b>	<b>RFB (1S 2E)</b>	<b>International Open</b>	<b>16,649,486.63</b>
	Lot 1: Analytical Balance (173 units)						1,534,510.00
	Lot 2: Procurement of Electrophoresis - Electrophoresis gel detector (7 units) - Electrophoresis Set (8 units)						205,251.34
	Lot 3: Freeze dryer for Cryopreservation (1 unit)						12,947.40
	Lot 4: Hotplate + magnetic stirrer (168 units)						252,000.00
	Lot 5: Laboratory water distiller (200 units)						123,333.33
	Lot 6: lyophilization Set (2 units)						14,336.00
	Lot 7: Microbiology air sampler (19 units)						258,443.89
	Lot 8: Microwave Digestion System (1 unit)						72,000.00
	Lot 9: Monitoring system for biorepository (50 units)						10,416,666.67
	Lot 10: Sonicator Chamber (1 unit)						3,000.00



No	Activity	Procurement Category	Component (InPULS)	Review Type	Proc. Method	Market Approach	Estimated total amount (USD)
	Lot 11: Vortex Mixer (314 units)						774,638.00
	Lot 12: Waterbath (522 units)						2,982,360.00
<b>7</b>	<b>Procurement of Laboratory Major Analyzers I (166 units)</b>	<b>Goods</b>	<b>3</b>	<b>Prior</b>	<b>RFB (1S 2E)</b>	<b>International Open</b>	<b>12,656,561.40</b>
	Lot 1: Conventional PCR (13 units)						1,214,460.00
	Lot 2: Digital PCR (12 units)						2,627,464.81
	Lot 3: Portable PCR (Loop Mediated Isothermal Amplification) (8 units)						490,666.67
	Lot 4: RT-PCR (133 units)						8,323,969.92
<b>8</b>	<b>Procurement of Laboratory Major Analyzers II (553 units)</b>	<b>Goods</b>	<b>3</b>	<b>Prior</b>	<b>RFB (1S 2E)</b>	<b>International Open</b>	<b>10,381,604.89</b>
	Lot 1: Procurement of Urine Analyzer - Automated Urine Analyzer (13 units) - Urine Analyzer (88 units)						407,533.52
	Lot 2: Chemistry Analyzer (92 units)						2,822,460.04
	Lot 3: HbA1C Analyzer (Hemoglobin Analyzer) (195 units)						277,056.00
	Lot 4: Hematology Analyzer (125 units)						5,714,750.00
	Lot 5: Microbiology Analyzer (Identification and Drug Sensitivity Test /DST) (13 units)						86,666.67
	Lot 6: Procurement of Molecular Assay Analyzer (Rapid Molecular Test) (16 units) - Molecular Assay Analyzer (Rapid Molecular Test) (TCM 8 Modul) (13 units) - Molecular Assay Analyzer (Rapid Molecular Test) (TCM TB XDR 10 Color) (3 units)						1,071,066.66
	Lot 7: Mycobacteriology Analyzer for Tuberculosis (11 units)						2,072.00

No	Activity	Procurement Category	Component (InPULS)	Review Type	Proc. Method	Market Approach	Estimated total amount (USD)
9	<b>Procurement of Laboratory Major Analyzer III (879 units)</b>	<b>Goods</b>	<b>3</b>	<b>Prior</b>	<b>RFB (1S 2E)</b>	<b>International Open</b>	<b>105,086,822.91</b>
	Lot 1: Atomic Absorption Spectrophotometry (AAS, Flame & Graphite Furnace) (176 units)						11,235,407.04
	Lot 2: Automated Blood Culture System (10 units)						228,866.67
	Lot 3: Automatic Extractor (To isolate RNA and DNA from sample) (167 units)						7,014,000.00
	Lot 4: Chemi Luminescence Immuno Assay (CLIA) (10 units)						277,333.30
	Lot 5: ELISA Set (ELISA Reader, ELISA Washer) (214 units)						7,490,000.00
	Lot 6: Endotoxin Measuring Instruments (6 units)						166,172.99
	Lot 7: Enzyme Immuno Assay (EIA) (1 unit)						21,120.00
	Lot 8: Flow Cytometer (8 units)						1,449,280.00
	Lot 9: Gas Chromatography Mass Spectrometry (GCMS) (26 units)						4,284,098.00
	Lot 10: High Performance Liquid Chromatography (HPLC) (32 units)						4,480,000.00
	Lot 11: Procurement of ID-AST Bacterial Identification and sensitivity test) (15 units) <ul style="list-style-type: none"> <li>- ID-AST automated (Bacterial Identification and sensitivity test) (1 unit)</li> <li>- ID-AST semi-automated (Bacterial Identification and sensitivity test) (14 units)</li> </ul>						2,400,000.00
	Lot 12: Inductively Coupled Plasma Mass Spectrometry (ICP-MS) (12 units)						3,929,196.00
	Lot 13: Inductively Coupled Plasma Optical Emission Spectroscopy (ICP OES) (7 units)						1,353,333.33
	Lot 14: Liquid chromatography-tandem mass spectrometry (LC-MS/MS) Detector (2 units)						680,800.00

No	Activity	Procurement Category	Component (InPULS)	Review Type	Proc. Method	Market Approach	Estimated total amount (USD)
	Lot 15: Next Generation Sequencer (NGS) Long Read Sequencer (9 units)						13,986,000.00
	Lot 16: Next Generation Sequencing (NGS) (31 units)						43,400,000.00
	Lot 17: Oligosynthesizer (1 unit)						-
	Lot 18: Pyrolysis Gas Chromatography-Mass Spectrometry (Pyrolysis-GC-MS) (1 unit)						258,680.00
	Lot 19: Sanger Sequencer (2 units)						842,002.25
	Lot 20: Spectrofluorometers (13 units)						1,026,133.33
	Lot 21: Ultraviolet-visible Spectrophotometer (136 units)						564,400.00
<b>10</b>	<b>Procurement of Laboratory Misc. (1,967 units)</b>	<b>Goods</b>	<b>3</b>	<b>Prior</b>	<b>RFB (1S 2E)</b>	<b>International Open</b>	<b>10,012,980.99</b>
	Lot 1: Biosafety Cabinet (Class 2A) (253 units)						5,313,000.00
	Lot 2: Procurement of Colony Counter (343 units) - Colony counter (323 units) - Colony counter (Automated) (20 units)						842,649.67
	Lot 3: Cool Box for Sample (11 units)						880.00
	Lot 4: Dehumidifier (476 units)						3,214,923.35
	Lot 5: Hygrothermometer Calibrator (22 units)						307.50
	Lot 6: Nephelometer (26 units)						128,440.00
	Lot 7: Rotator Plate (177 units) Lot 8: Shaker Plate (2 units)						495,600.00
	Lot 9: Staining Rack and Tray (187 units)						12,466.67
	Lot 10: Thermocouple (Temperature Calibrator) (13 units)						4,713.80

No	Activity	Procurement Category	Component (InPULS)	Review Type	Proc. Method	Market Approach	Estimated total amount (USD)
11	<b>Procurement of Cold Chain Equipment (1,024 units)</b>	<b>Goods</b>	<b>3</b>	<b>Prior</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>5,721,518.57</b>
	Lot 1 Procurement of Laboratory Freezers (393 units) <ul style="list-style-type: none"> <li>- Freezer -20 Celsius (284 units)</li> <li>- Freezer -20 Celsius with Rack System (54 units)</li> <li>- Freezer -80 Celsius (55 units)</li> </ul>						4,318,260.00
	Lot 2 Procurement of Laboratory Refrigerators (631) <ul style="list-style-type: none"> <li>- Reagent Refrigerator (123 units)</li> <li>- Showcase Refrigerator (300 units)</li> <li>- Specimen Refrigerator (208 units)</li> </ul>						1,403,258.57
12	<b>Procurement of Mercury Analyzer (27 units)</b>	<b>Goods</b>	<b>3</b>	<b>Post</b>	<b>RFB (1S 1E)</b>	<b>National Open/Request for Quotation/e-purchasing</b>	<b>302,940.00</b>
13	<b>Procurement of Microscopes (879 units)</b>	<b>Goods</b>	<b>3</b>	<b>Post</b>	<b>RFB (1S 1E)</b>	<b>National Open</b>	<b>3,037,504.14</b>
	Lot 1: Binocular Microscope (592 units)						1,872,275.20
	Lot 2: Dark Field Microscope (13 units)						225,333.33
	Lot 3: Fluorescence Microscope (11 units)						286,000.00
	Lot 4: Inverted Microscope (2 units)						9,847.08
	Lot 5: Stereo Microscope (261 units)						644,048.52

**Table 2 Procurement Plan for Consulting Services (Firm and Individual)**

<b>No.</b>	<b>Activity</b>	<b>Comp.</b>	<b>Review type</b>	<b>Method</b>	<b>Market approach</b>	<b>Estimated amount in US\$</b>
1	Project Management Consultant	4	Prior	QCBS	International Open	\$5.5 mill
2	Consultant for development of data system and monitoring of health facilities readiness and equipment functionality	4	Post	CQS	National Open	\$300k
3	Consulting services for development of integrated data systems for facility readiness assessment and managing inventories	4	Post	CQS	National Open	\$300k
4	Project Director 1 (2 years)	4	Post	Competitive Method	National Open	\$112k
5	Project Director 2 (2 years)	4	Post	Competitive Method	National Open	\$112k
6	Project Director 3 (2 years)	4	Post	Competitive Method	National Open	\$112k
7	Procurement Consultant 1 (2 years)	4	Post	Competitive Method	National Open	\$64k
8	Procurement Consultant 2 (2 years)	4	Post	Competitive Method	National Open	\$64k
9	Procurement Consultant 3 (2 years)	4	Post	Competitive Method	National Open	\$64k
10	Financial Management Consultant 1 (1 year)	4	Post	Competitive Method	National Open	\$32k
11	Financial Management Consultant 2 (1 year)	4	Post	Competitive Method	National Open	\$32k
12	Financial Management Consultant 3 (1 year)	4	Post	Competitive Method	National Open	\$32k
13	Sr. Monitoring and Evaluation Consultant at CPMU	4	Post	Competitive Method	National Open	\$44k
14	Monitoring and Evaluation Consultant 1 (1 year)	4	Post	Competitive Method	National Open	\$32k
15	Monitoring and Evaluation Consultant 2 (1 year)	4	Post	Competitive Method	National Open	\$32k
16	Monitoring and Evaluation Consultant 3 (1 year)	4	Post	Competitive Method	National Open	\$32k
17	Contract Management Consultant 1 (1 year)	4	Post	Competitive Method	National Open	\$32k
18	Contract Management Consultant 2 (1 year)	4	Post	Competitive Method	National Open	\$32k
19	Contract Management Consultant 2 (1 year)	4	Post	Competitive Method	National Open	\$32k

20	Sr. Equity Consultant at CPMU	4	Post	Competitive Method	National Open	\$44k
21	Equity focal point consultant 1 (1 year)	4	Post	Competitive Method	National Open	\$32k
22	Equity focal point consultant 2 (1 year)	4	Post	Competitive Method	National Open	\$32k
23	Equity focal point consultant 3 (1 year)	4	Post	Competitive Method	National Open	\$32k
24	Environment/Social/Gender Consultant 1 (1 year)	4	Post	Competitive Method	National Open	\$32k
25	Environment/Social/Gender Consultant 2 (1 year)	4	Post	Competitive Method	National Open	\$32k
26	Environment/Social/Gender Consultant 3 (1 year)	4	Post	Competitive Method	National Open	\$32k
27	Sr. Environment consultant at CPMU		Post	Competitive Method	National Open	\$44k
28	Sr. Social consultant at CPMU		Post	Competitive Method	National Open	\$44k
29	Sr. Gender consultant at CPMU		Post	Competitive Method	National Open	\$44k
30	Sr. Equity consultant at CPMU		Post	Competitive Method	National Open	\$44k
31	Biomedical engineering consultant 1 (1 year)		Post	Competitive Method	National Open	\$32k
32	Biomedical engineering consultant 2 (1 year)	4	Post	Competitive Method	National Open	\$32k
33	Biomedical engineering consultant 3 (1 year)	4	Post	Competitive Method	National Open	\$32k

**NOTE:**

- Regardless of whether the package is subject to prior or post review, all TORs of consulting services both firm and individual shall be reviewed by the World Bank. For procurement of goods, works and non-consulting services, the scope of work, technical specifications, environmental and social safeguard documents, cost estimates shall also be prior reviewed by the World Bank.
- This is a living document, subject to review at any time if required.