

Annual Requirement - CVIC (2026)

Chemicals, Reagents, Media, Glassware

Se. No.	Item	Specification	Qty	Bidder response		If "No" bidder specification
				Yes	No	
1	Micro pipette tips 0.2-10 µl	For PCR work, 0.2-10 µl, autoclavable, sample should be provided to check compatibility	1000/pack 10			
2	Micro pipette tips 20-200 µl	For PCR work, 20-200 µl, autoclavable, sample should be provided to check compatibility	1000/pack 10			
3	Micro pipette tips 100-1000 µl	For PCR work, 100-1000 µl, length 7cm, autoclavable, sample should be provided to check compatibility	1000/pack 10			
4	eppendorf tube 1.5ml	1.5ml, PCR grade, autoclavable	1000/pack 10			
5	eppendorf tube 0.2 ml	0.2ml, PCR grade, autoclavable, flat cap	1000/pack 10			
6	eppendorf tube 2 ml	2ml, PCR grade, autoclavable, flat cap	1000/pack 5			
7	Amoxicillin AMC 30	strength 30µg, 50 discs Vials for antibiotic sensitivity test	5 vials			
8	Neomycin N30	strength 30µg, 50 discs Vials for antibiotic sensitivity test	5 vials			
9	Sulphamethoxazole / Trimethoprim SXT 25	strength 25µg, 50 discs Vials for antibiotic sensitivity test	5 vials			
10	Oxytetracycline OT 30	strength 30µg, 50 discs Vials for antibiotic sensitivity test	5 vials			
11	Gentamicillin Gen10	strength 10µg, 50 discs Vials for antibiotic sensitivity test	5 Vials			
12	Boltan Broth selective supplement	Laked Horse blood (SR 0048C-100ml oxoid as a supplement to add available base	10 Vials			
13	Eosinmethylene blue agar	500g x1 CM0069B Oxoid or equivalent, Bacteriology	500g x1			
14	Rappaport & Vassiliadis(RV) enrichment broth	500g x1 CM0669 oxoid or equivalent, Bacteriology	500g x1			
15	Acetone BHD AnalaR	BHD AnalaR 2.5L x 01	2.5L x1			
16	Baird-parker agar base CM0275	500 g Oxoid or equivalent, Bacteriology	500g x 02			
17	MacConkey Agar CM0007	500 g Oxoid or equivalent, Bacteriology	500g x 01			
18	Bolton broth selective supplement (Laked Horse blood-SR0048C)	SR0048C, 100 ml Oxoid as a supplement to add available media, Bacteriology	100ml x 1 Vial			
19	Perfringens selective supplement TSC supplement FD014	TSC supplement FD014, Oxoid as a supplement to add available media, Bacteriology	10 vials/pack			
20	Nutrient Agar CM0003	500 G Oxoid or equivalent, Bacteriology	500g x 02			
21	Nutrient broth CM0001	500 G Oxoid or equivalent, Bacteriology	500g x 01			
22	Buffered Peptone Water	500 G Oxoid or equivalent, Bacteriology	500g x 10			
23	Aeromonas medium Base (RYAN)	500 G Oxoid or equivalent, CM0833, Bacteriology	500g x 01			
24	Ampicilin supplement SR136	SR136 Oxoid as a supplement to add available media, Bacteriology	10 vials/pack			
25	Sterile Egg York emulsion	Sterile stabilised emulsion of egg yolk recommended for identification of Staphylococcus species by their lecithinase activity. Composition of egg yolk 30ml/sterile saline 70ml. Pack size is 100ml per vial, shelf life 2 years, transport at 2-8 degree celcius, Oxoid or equivalent, Bacteriology	100ml x 5 Vials			
26	Ethanol	98% x 2.5L	2.5L			

27	Formic Acid	98% x2.5L	2.5L			
28	Anaerogen packs	for the generation of anaerobic condition, for a 2.5L capacity of jar. AN0025A, 10 sachets/pack x 03	10 sachets x 03			
29	VNN RNA2 F	5'-CAA-CTG-ACA-RCG-AHC-ACA-C - 3' 25 nMol	2			
30	VNN RNA2 R	5'- CCC-ACC-AYT-TGG-CVA-C - 3' 25 nMol	2			
31	VNN probe	FAM-TYC-ARG-CRA-CTC-GTG-GTG-CVG-BHQ1 25 nMol	1			
32	VNNV1 (Fish)	5'-ACACTGGAGTTTGAAATTCA- 3' 25 nMol	2			
33	VNNV2 (Fish)	5'-GTCTTGTGAAGTTGTCCCA-3' 25 nMol	2			
34	VNNV3 (Fish)	5'-ATTGTGCCCCGCAAACAC-3' 25 nMol	2			
35	VNNV4 (Fish)	5'-GACACGTTGACCACATCAGT- 3' 25 nMol	2			
36	CEFAS_F	5'-ATG GAG TAT CCA AAG TAC TTA G - 3' 25 nMol	1			
37	CEFAS_R	5'-CTC TTC ACT ATT GTG ACT TTG - 3' 25 nMol	1			
38	CEFAS_nF (Fish)	5'-GTT ATC AAT GAA ATT TGT GTA TTG-3' 25 nMol	1			
39	CEFAS_nR (Fish)	5'-TAG CAA AGT ACT ACC TCA TCC-3' 25 nMol	1			
40	RSIV 4-F (Fish)	5'-CGG-GGG-CAATGA- CGA-CTA-CA-3' 25 nMol	1			
41	RSIV 4-R (Fish)	5'-CCG-CCT-GTG-CCT-TTT-CTG-GA-3' 25 nMol	1			
42	RSIV/ISKNV F-1(Fish)	5'-CTC-AAA-CAC-TCT-GGC-TCA-TC-3 25 nMol	1			
43	RSIV/ISKNV R-1(Fish)	5'-GCA-CCA-ACA-CAT-CTC-CTATC-3' 25 nMol	1			
44	MCIVAT5	5'-GGGTTCATCGACATCTCCGCG -3' 25 nMol	3			
45	MCIVAT6	5'-AGGTCGCTGCGCATGCCAATC-3' 25 nMol	3			
46	MCIVAT3	5'-AATGCCGTGACCTACTTTGC-3' 25 nMol	3			
47	MCIVAT4	5'-GATCTTAACACGCAGCCACA-3' 25 nMol	3			
48	TiLV ext-1 (Fish)	5'-TATGCAGTACTTTCCCTGCC-3' 25 nMol	1			
49	TiLV ext-2 (Fish)	5'-TTGCTCTGAGCAAGAGTACC-3' 25 nMol	1			
50	TiLV ME1 (Fish)	5'-GTTGGGCACAAGGCATCCTA-3' 25 nMol	1			
51	TiLV ME2 (Fish)	5'TATCACGTGCGTACTCGTTCAGT-3' 25 nMol	1			
52	KHV-AT3	5'-GTACGTGAGGAACACGGTCA-3' 25 nMol	1			
53	KHV-AT4	5'-GTGTAGGTCTCGAAGCGGAC-3' 25 nMol	1			
54	KHV TK F (Fish)	5'-GGG-TTA-CCT-GTA-CGA-G-3' 25 nMol	2			
55	KHV TK R (Fish)	5'-CAC-CCA-GTA-GAT-TAT-GC-3' 25 nMol	2			
56	KHV SPH F (Fish)	5'-GAC-ACC-ACA-TCT-GCA-AGG-AG-3' 25 nMol	1			
57	KHV SPH R (Fish)	5'-GAC-ACA-TGT-TAC-AAT-GGT-CGC-3' 25 nMol	1			
58	Primer- SVCV F1 (Fish)	5'-TCT-TGG-AGC-CAA-ATA-GCT-CAR*-R*TC-3' 25 nMol	2			
59	Primer- SVCV R2 (Fish)	5'-AGA-TGG-TAT-GGA-CCC-CAA-TAC-ATH*-ACN*-CAY*-3'25 nMol	2			
60	Primer- SVC R4 (Fish)	5'-CTG-GGG-TTT-CCN*-CCT-CAA-AGY*-TGY*-3' 25 nMol	2			
61	SVCV-G1:	5'-TGA-AGA-YTG-TGT-CAA-TCA-AGTC-3' 25 nMol	2			
62	SVCV-G2	5'-GCG-ART-GCA-GAG-AAA-AAG-TG-3'25 nMol	2			
63	APHND 1F (Shrimp)	5'-CCT-TGG-GTG-TGC-TTA-GAG-GAT-G-3' 25 nMol	1			
64	APHND 1R (Shrimp)	5'-GCA-AAC-TAT-CGC-GCA-GAA-CAC-C-3' 25 nMol	1			
65	APHND 3-F (Shrimp)	5'-ATG-AGT-AAC-AAT-ATA-AAA-CAT-GAA-AC-3' 25 nMol	1			
66	APHND 3-R (Shrimp)	5'-GTG-GTA-ATA-GAT-TGT-ACA-GAA-3' 25 nMol	1			
67	NHPF2 (Shrimp)	5'-CGT-TGG-AGG-TTC-GTC-CTT-CAGT-3' 25 nMol	1			
68	NHPR2 (Shrimp)	5'-GCC-ATG-AGG-ACC-TGA-CAT-CAT-C-3' 25 nMol	1			
69	IMNV 4587F (Shrimp)	5'-CGA-CGC-TGC-TAA-CCA-TAC-AA-3' 25 nMol	1			

70	IMNV 4914R (Shrimp)	5'-ACT-CGG-CTG-TTC-GAT-CAA-GT-3'25 nMol	1			
71	IMNV 4725 NF (Shrimp)	5'-GGC-ACA-TGC-TCA-GAG-ACA-3'25 nMol	1			
72	IMNV 4863 NR (Shrimp)	5'-AGC-GCT-GAG-TCC-AGT-CTT-G-3'25 nMol	1			
73	TSV 9992F (Shrimp)	5'-AAG-TAG-ACA-GCC-GCG-CTT-3'25 nMol	1			
74	TSV 9195R (Shrimp)5	5'-TCA-ATG-AGA-GCT-TGG-TCC-3'25 nMol	1			
75	TSV 7171F (Shrimp)	5'-CGA-CAG-TTG-GAC-ATC-TAG-TG-3'25 nMol	1			
76	TSV 7511R (Shrimp)	5'-GAG-CTT-CAG-ACT-GCA-ACT-TC-3'25 nMol	1			
77	WSSV 146F1 (Shrimp)	5'-ACT-ACT-AAC-TTC-AGC-CTA-TCTAG-3'25 nMol	1			
78	WSSV 146R1 (Shrimp)5	5'-TAA-TGC-GGG-TGT-AAT-GTT-CTT-ACG-A-3'25 nMol	1			
79	WSSV 146F2 (Shrimp)	5'-GTA-ACT-GCC-CCT-TCC-ATC-TCC-A-3'25 nMol	1			
80	WSSV 146R2 (Shrimp)	5'-TAC-GGC-AGC-TGC-TGC-ACC-TTG-T-3'25 nMol	1			
81	YHV 10F (Shrimp)	5'-CCG-CTA-ATT-TCA-AAA-ACT-ACG-3'25 nMol	2			
82	YHV 144R: (Shrimp)	5'-AAG-GTG-TTA-TGT-CGA-GGA-AGT-3'25 nMol	2			
83	YHV GY1: (Shrimp)	5'-GAC-ATC-ACT-CCA-GAC-AAC-ATC-TG-3'25 nMol	1			
84	YHV GY4 (Shrimp)	5'-GTG-AAG-TCC-ATG-TGT-GTG-AGA-CG-3'25 nMol	1			
85	GY2 (Shrimp)	5'-CAT-CTG-TCC-AGA-AGG-CGT-CTA-TGA-3'25 nMol	1			
86	Y3: (Shrimp)	5'-ACG-CTC-TGT-GAC-AAG-CAT-GAA-GTT-3'25 nMol	1			
87	G6: (Shrimp)	5'-GTA-GTA-GAG-ACG-AGT-GAC-ACC-TAT-3'25 nMol	1			
88	Crayfish P BO 425	5'-GCT-TGT-GCT-GAG-GAT-GTT-CT-3'25 nMol	1			
89	Crayfish P BO 6405	5'-CTA-TCC-GAC-TCC-GCA-TTC-TG-3'25 nMol	1			
90	MrNV F (Prawn)	5'-GCG-TTA-TAG-ATG-GCA-CAA-GG-3'25 nMol	1			
91	MrNV R (Prawn)	5'-AGC-TGT-GAA-ACT-TCC-ACT-GG-3',25 nMol	1			
92	XSV F (Prawn)	5'-CGC-GGA-TCC-GAT-GAA-TAA-GCG-CAT-TAA-TAA-3'25 nMol	1			
93	XSV R (Prawn)	5'-CCG-GAA-TTC-CGT-TAC-TGT-TCG-GAG-TCC-CAA-3'25 nMol	1			
94	IHHNV 309F (Shrimp)	5'-TCC-AAC-ACT-TAG-TCA-AAA-CCA-A-3' 25 nMol	1			
95	IHHNV 309R (Shrimp)	5'-TGT-CTG-CTA-CGA-TGA-TTA-TCC-A-3' 25 nMol	1			
96	IHHNV 389F (Shrimp)	5'-CGG-AAC-ACA-ACC-CGA-CTT-TA-3' 25 nMol	1			
97	IHHNV 389R (Shrimp)	5'-GGC-CAA-GAC-CAA-AAT-ACG-AA-3' 25 nMol	1			
98	IHHNV MG831F (Shrimp)	5'-TTG-GGG-ATG-CAG-CAA-TAT-CT-3' 25 nMol	1			
99	IHHNV MG831R (Shrimp)	5'-GTC-CAT-CCA-CTG-ATC-GGA-CT-3' 25 nMol	1			
100	SHIV-F1 (D1V1)	5' GGG CGG GAG ATG GTG TTA GAT-3'(D1V1) 25 nMol	1			
101	SHIV-R1 (D1V1)	5'-TCG TTT CGG TAC GAA GAT GTA-3' (D1V1) 25 nMol	1			
102	SHIV-F2(D1V1)	5'-CGG GAA ACG ATT CGT ATT GGG-3'(D1V1) 25 nMol	1			
103	SHIV-R2 (D1V1)	5'-TTG CTT GAT CGG CAT CCT GA3'(D1V1) 25 nMol	1			
104	CMNV-7F1	5'-AAATACGGCGATGACG-3' 25 nMol	1			
105	CMNV-7R1	5'-ACGAAGTGCCACAGAC-3' 25 nMol	1			
106	CMNV-7F2	5'-CACAACCGAGTCAAACC-3' 25 nMol	1			
107	CMNV-7R2	5'- GCGTAAACAGCGAAGG-3' 25 nMol	1			
108	IHHNV	Detection Limit: 10 copies/reaction. Quantitative capability: 4 different levels of infection can be differentiated. Sample throughput: for 40 samples, from sample preparation to final results require 3.5 to 4 hours. Built-in internal control system: eliminate false negative results from failed extraction or reaction. Quantified positive standard: monitor the sensitivity of detection, 200 reaction	1			

109	SVC	Detection Limit: 10 copies/reaction. Quantitative capability: 4 different levels of infection can be differentiated. Sample throughput: for 40 samples, from sample preparation to final results require 3.5 to 4 hours. Built-in internal control system: eliminate false negative results from failed extraction or reaction. Quantified positive standard: monitor the sensitivity of detection	1			
110	VNN	Detection Limit: 10 copies/reaction. Quantitative capability: 4 different levels of infection can be differentiated. Sample throughput: for 40 samples, from sample preparation to final results require 3.5 to 4 hours. Built-in internal control system: eliminate false negative results from failed extraction or reaction. Quantified positive standard: monitor the sensitivity of detection	1			
111	One-step RT-PCR Master Mix	OneStep RT-PCR Enzyme Mix (1 x 200 µl), 5x OneStep RT-PCR Buffer (1 x 1 ml), dNTP Mix (1 x 200 µl 10 mM each), RNase-Free Water (2 x 1.9 ml)	8			
112	QIAGEN Multiplex PCR kit (100)	2x QIAGEN Multiplex PCR Master Mix (providing a final concentration of 3 mM MgCl ₂ , 3 x 0.85 ml), 5x Q-Solution (1 x 2.0 ml), RNase-Free Water (2 x 1.7 ml) 100 reaction	4			
113	Blood & Tissue DNA extraction kit (250)	DNeasy Kit (250), 250 DNeasy Mini Spin Columns, Proteinase K, Buffers AW 1, AW 2, Collection Tubes (2 ml) Silica technology, 250 reactions	2			
114	RNA extraction kit	RNeasy Mini Spin Columns, Collection Tubes, Buffer RW 1, Buffer RLT, Buffer RPE, 250 reactions	1			
115	Taq DNA Polymerase	25mM MgCl ₂ concentration, 5X Two reaction buffers, Green and Colorless, Taq DNA Polymerase 5u/µl, 100 unit	20			
116	One-step Q- RT-PCR Master Mix	AgPath-ID One-Step RT-PCR Reagents (CSIRO standardized protocol) ArrayScript Reverse Transcriptase, AmpliTaq Gold polymerase, 2X RT-PCR buffer 100 reaction x 4	5			
117	TaqMan Universal PCR Master Mix	AmpliTaq Gold DNA Polymerase, ROX dye, 1 x 5 mL	2			
118	DNA/ RNA free water	Molliculer grade -100 ml	10			
119	Agarose	Molliculer grade- 500 g	4			
120	NHP_F2-R2	CGTTGGAGGTTTCGTCCTTCAGTGTCGCAGCTAACGCGTGAAGCATTCCGCCTGGGAGTACG GTCGCAAGATTA AAACTCAAAGGAATTGACGGGGCCTGCACAAGCGGTGGAGCATGTGGT TTAATTCGACGCAACGCGCAAAAACCTTACCAGCTTTTGACATAGGGACAGAAGGCATCAGAG ATGAAGCCTGCGGTTCCGCCGGTCCCGTACAGGTGCTGCATGGCTGTCGTCAGCTCGTGTC GTGAGATGTTGGGTTAAGTCCCGCAACGAGCGCAACCTCGTTCTTAGTTGCCAGCAGTTCCG GCTGGGGACTCTAAGAAAACCTGCCGGTGACAAGCCGGAGGAAGGTGGGGATGATGTCAGG TCCTCATGGC synthetic gene - DT Vector AMP blunt	4 µg (1 vial)			
121	IHHNV	tagcgaaca caaccgact tta tgaaggactccaac ggaccggacg aatggacgg aaggcgactg gaagagagtg agattgataaacaagtggaa agtacaacat ggtacacctt cgatcaga gaaaaaccac aaccaagaagactctccgga cgaacgcaa acttaccat tacagatcat ggtgaccact ggcacatcacatactccgga cacccaacca ataagaccag acatagagct acaatcctcg cctattgggagttacctt gctgccagag ccgaagctga agcgactacg gtacttgta gaaatatcaagagatggata	4 µg (1 vial)			

		ctctatctta tcagatacgg tattgaacgg ctttcgtatt ttggcttgccacg synthetic gene - DT Vector AMP blunt				
122	AHPND Primer set 1 - Amplicon- 700 bp	CCTTGGGTGTGCTTAGAGGATGATGAAGATGACTATGTCCTCGAACGATTTGAGTTGCGAGT TCACGGTCGTAAACCACTCGTTCTCAATCGCCCCTCGTTTTCCAAACTCATGTCGTCACCCAG CAGTATCTCCACACGTCACAGGAAACCACCAAGCGAATATTAAGAGCCACCATCTTAGAAAG TGCTGAGCCCTCACGGCGGATGAACACTGCCGATTGGTCTCTGCACTCGAAAGGCACTTAG CTGACGTCCATGAATGAAAAACCCGATAACATCATCATGTTATCGGGCTATTTGGTGTCATC AGTGTGTTTGTGTTTGGC GGTTTTACAACCATTCTTCAGCACATTCATGTGTTATCGCATCAGTGGTTTCAGTGATCGTGG CAGACTGAAACCCGCCGACGATGGGATTTAACGCTAAATTCGCTACTCTTTCGCCTCATCAA AGCAAGGAAGCACTGCAACGTACTCTTACCCCAACTCACTTCAAGCGTAACTCGGCAAGCA CCTTTATACCCAACCGAAACATGAACCTTCTGCATCAAGCCGGTGTTCATCGCCGTTCAATAAT GAATTCATCAGCGCGCCCTCGTTAAAGAGCATTAGAAGTGATGCACTGGAATGTAAACCAA CACACCAATGCATCGTA GAACGCCGAAATAACAGGGTGTCTGCGCGATAGTTTGC synthetic gene - DT Vector AMP blunt	4 µg (1 vial)			
123	EDTA	0.5 M moluculer grade 100ml	10			
124	DNTP	10 mM dNTP Mix, mixture of four nucleotides (dATP, dCTP, dGTP, dTTP) in 0.6 mM Tris-HCl, for PCR, sequencing, cDNA synthesis	24			
125	100 bp DNA ladder	Eleven Fragments: 100–1,000bp in 100bp Increments Plus a Band at 1,500bp, Load 5µl/lane, concentration of 0.13µg/µl ,6X Blue/Orange Loading Dye	5			
126	50 bp DNA ladder	Sixteen DNA Fragments of 50–800bp in 50bp Increments Load 5µl/lane Supplied at a concentration of 0.34µg/µl Supplied with 6X Blue/Orange Loading Dye	3			
127	Non toxic dye for PCR gel staining	Sensitive fluorescent dye ,Stable for up to 90 days at room temperature, Binds to single-stranded DNA, double-stranded DNA and RNA, Stain and visualize nucleic acids in agarose and polyacrylamide gels, Can be imaged with any standard imaging system, UV transillumination with a Polaroid or digital camera, GE ImageQuant or Bio-Rad Gel Doc Does not require prewashing or de-staining of gels	15			
128	VNN	aacactggag ttgaaattc agccaatgtg ccccgcaaac acgggcggtg gttacgttgc tggcttctg cctgatcaa ctgacaacga tcacacctc gacgcttc aagcaactcg tggcgagtc gttgcaaat ggtgggaaag cagaacagtc cgacctcagt acaccgcac gctccttgg acctcgtcgg gaaaggagca gcttctcag tcacctggtc ggctgatact cctgtgtgc ggcaacaaca ctgatgtggt caactgtca gtgctgtgc gctggagtgt tcgactgagc gttccatctc ttgagacacc tgaagagacc accgctcca tcatgacaca aggttccctg tacaacgatt cccttccac aaatgacttc aagtccatcc tcctaggatc cacaccactg gacattgcc ctgatggagc agtcttcag ctggaccgtc cgctgtccat tgactacagc cttggaactg gagatgttga ccgtgctgtt tattggcacc tcaagaagtt tgctggaaat gctggcacac	4 µg (1 vial)			

		ctgcaggctg gtttcgctgg ggcattctggg acaacttcaa caagac synthetic gene - DT Vector AMP blunt				
129	Amies Transport Medium with Charcoal	Medium used for the transportation and enrichment of bacterial samples, particularly for <i>Campylobacter fetus</i> subsp. <i>venerealis</i> (Cfv), in bovine reproductive systems	1 bottle			
130	Ashdown's agar	a selective culture medium used primarily for the isolation and presumptive identification of <i>Burkholderia pseudomallei</i> , 500g , 1 bottle	1 bottle			
131	JVHEV Reverse	5'-AGG GGT TGG TTG GAT GAA-3' 25nMol	2 vials			
132	<i>Burkholderia mallei</i> F	Bma flip-f 5'-CCCATTGGCCCTATCGAAG-3' 25nMol	2 vials			
133	<i>Burkholderia mallei</i> R	Bma-flip-r 5'-GCCCCGACGAGCACCTGATT-3' 25nMol	2 vials			
134	<i>Burkholderia mallei</i> probe	Bma-probe 5'-6FAM-CAGGTCAACGAGCTTCACGCGGATC-BHQ1	1 vial			
135	<i>Burkholderia pseudomallei</i> F	PM122F 5'-ATCGCCAAATGCCGGTTTC-3'25nMol	2 vials			
136	<i>Burkholderia pseudomallei</i> R	orf11R 5'-CAAATGGCCATCGTGATGTTTC-3'25nMol	2 vials			
137	<i>Burkholderia pseudomallei</i> Probe	orf11pro FAM-TCGGCGAACGCGATTTGATCGTTC-BHQ1 25nMol	1 vial			
138	<i>Brucella</i> spp.F	5'-TGGCTCGGTTGCCAATATCAA-3' 25nMol	2 vials			
139	<i>Brucella</i> spp.R	5'-CGCGCTTGCCTTTCAGGTCTG-3' 25nMol	2 vials			
140	<i>Leptospira</i> spp.F	5'-GGCGGCGCGTCTTAAACATG-3' 25nMol	2 vials			
141	<i>Leptospira</i> spp.R	5'-TTCCCCCATTGAAGCAAGATT-3' 25nMol	2 vials			
142	<i>Campylobacter fetus</i> F	5'-TAACAGCTTAACTGTTAACTGC-3' 25nMol	2 vials			
143	<i>Campylobacter fetus</i> R	5'-TCTCTTATCTCTAAGAGATTAGTT-3' 25nMol	2 vials			
144	<i>Coxiella burnetii</i> F	5'-GTATCTTGAGTATGGTAGAGGGA-3' 25nMol	2 vials			
145	<i>Coxiella burnetii</i> R	5'-TCGGTTCCCGAAGGCACCAA-3' 25nMol	2 vials			
146	<i>Chlamydomphila psittaci</i> F	5'-ACTTGGGAATAACGGTTGGAAAC-3' 25nMol	2 vials			
147	<i>Chlamydomphila psittaci</i> R	5'-ACAYCTAACTTTCCTTCCGCC-3' 25nMol	2 vials			
148	<i>Mycoplasma bovis</i> F	5'-GTTTGATCCTGGCTCAGGAT-3' 25nMol	2 vials			
149	<i>Mycoplasma bovis</i> R	5'-CAAACGCTTCCTTTTATATTAC-3' 25nMol	2 vials			
150	<i>Mycoplasma bovis</i> genitaliumF	5'-GTTTGATCCTGGCTCAGGAT-3' 25nMol	2 vials			
151	<i>Mycoplasma bovis</i> genitaliumR	5'-AAGGTACATTCAATATAGTGG-3' 25nMol	2 vials			
152	<i>Ureaplasma diversum</i> F	5'-GTTTGATCCTGGCTCAGGAT-3' 25nMol	2 vials			
153	<i>Ureaplasma diversum</i> R	5'-CTCATAAGCGAGCCGACATT-3' 25nMol	2 vials			
154	Bovine viral diarrhea virusF	5'-ATGCCCWTAGTAGGACTAGCA-3' 25nMol	2 vials			
155	Bovine viral diarrhea virusR	5'-TCAACTCCATGTGCCATGTAC-3' 25nMol	2 vials			
156	Bovine herpesvirus-1F	5'-TGTGACTTGGTGCCCATGTCGC-3' 25nMol	2 vials			
157	Bovine herpesvirus-1R	5'-GAGCAAAGCCCCGCCAAGGAG-3' 25nMol	2 vials			
158	BT_G01F	5'-GCTGCATTCGCATCGTACGCAGAAGC-3' 25nMol	2 vials			
159	BT_G01R	5'-AAACCTCGGGGCGCCACTCTACCTAC-3' 25nMol	2 vials			
160	SBV-S-FW	5'-TCAGATTGTCATGCCCTTGC-3' 25nMol	2 vials			
161	SBV-S-RW	5'-TTCGGCCCCAGGTGCAAATC-3' 25nMol	2 vials			
162	<i>Campylobacter</i> ASD_forw	5' CACTTGTGTTCTGTTC 3'25nMol	2 vials			
163	<i>Campylobacter</i> Fetus ASD_Cff_rev	5'TTTTTAGCTAATGGTTTAATTC 3'25nMol	2 vials			
164	<i>Campylobacter</i> Venerealis ASD_Cfv_rev	5' TTTTTAGCTAATGGTCTTG 3'25nMol	2 vials			

165	Aspergillus flavus omt F	5' GACCAATACGCCACACAG3' 25 nMol	2 vials			
166	Aspergillus flavus omt R	5' CTTTGGTAGCTGTTTCTCGC 3' 25nMol	2 vials			
167	Coxiella F	5'-GTC TTA AGG TGG GCT GCG TG-3', 25nMol	2 vials			
168	Coxiella R	5'-CCC CGA ATC TCA TTG ATC AGC-3', 25nMol	2 vials			
169	Coxiella probe	FAM-AGC GAA CCA TTG GTA TCG GAC GTT-BHQ1 25nMol	1 vial			
170	Mycoplasma conjunctivae MOLIGEN1-L:	5'-ACTCCTACGGGAGGCAGCA-3' 25nMol	2 vials			
171	Mycoplasma conjunctivae 16SUNI-R	5'-GTGTGACGGGCGGTGTGTAC-3' 25nMol	2 vials			
172	McoF1	5'-GTATCTTTAGAGTCCTCGTCTTTTAC-3' 25nMol	2 vials			
173	McoR1	5'-CAGCGTGCAGGATGAAATCCCTC-3'	2 vials			
174	Mycoplasma ovipneumoniae GPO3F	5' TGG GGA GCA AAC AGG ATT AGA TAC C3'	2 vials			
175	Mycoplasma ovipneumoniae MGSO	5' TGC ACC ATC TGT CAC TCT GTT AAC CTC3'	2 vials			
176	MOVPF	5' GTT GGT GGC AAA AGT CAC TAG 3'	2 vials			
177	MOVPR	5' CTT GAC ATC ACT GTT TCG CTG 3'	2 vials			
178	Tryptone Bile X-Glucuronide (TBX) agar	Detect and enumerate <i>Escherichia coli</i> in food and animal feed samples with this chromogenic medium while adhering to ISO 16649, It is selective and differential culture medium used for the detection and enumeration of beta-glucuronidase-positive <i>Escherichia coli</i> , 500g, EU or USA standard product	1 bottle			
179	Hayflick Broth Base	Based on the compatibility of the base and supplements that need to prepare the medium the ingredients should be from the same brand (Himedia -ME 1885) , 500g	1 bottle			
180	Hayflick supplement -FD 300	Based on the compatibility of the base and supplements that need to prepare the medium the ingredients should be from the same brand (Himedia -ME 1886), 5 vials/pack	6 packs			
181	Horse Serum	Based on the compatibility of the base and supplements that need to prepare the medium the ingredients should be from the same brand (Himedia -RM 1239), 500ml	1 bottle			
182	Nicotinamide-Adenine dinucleotide (NAD)	Based on the compatibility of the base and supplements that need to prepare the medium the ingredients should be from the same brand (Himedia-MB268), 500g	1 bottle			
183	Modified Charcoal Cefoperazone deoxycholate Agar Base (mCCD agar)	Based on the compatibility of the base and supplements that need to prepare the medium the ingredients should be from the same brand (Himedia-M8871), 500g	1bottle			
184	CCDA Selective supplement FD135	Based on the compatibility of the base and supplements that need to prepare the medium the ingredients should be from the same brand (Himedia-FD135), 5 vials/Pack	5			
185	Brucella broth base M348	Based on the compatibility of the base and supplements that need to prepare the medium the ingredients should be from the same brand (Himedia-M348), 500g	1			
186	NPBCVN Selective Supplement (FD005)	Based on the compatibility of the base and supplements that need to prepare the medium the ingredients should be from the same brand (Himedia-FD 005), 5 vials/Pack	5			

187	CampyGen TM 2.5 L	for the generation of anaerobic condition, for a 2.5L capacity of jar. CN0025A, 10 sachets/pack	03			
188	Infectious Coryza Forward Primer – N1-FP	5'–TGA GGG TAG TCT TGC ACG CGA AT–3' , 25 nMol	1 vial			
189	Infectious Coryza Reverse Primer – R1-RP	5'–CAA GGT ATC GAT CGT CTC TCT ACT–3' , 25 nMol	1 vial			
190	Avian meta pneumo virus RT Primer- Nc	5'–TTC-TTT-GAA-TTG-TTT-GAG-AAG-A–3' , 25 nMol	1 vial			
191	Avian meta pneumo virus Forward Primer – Nx	5'–CAT-GGC-CCA-ACA-TTA-TGT-T–3' , 25 nMol	1 vial			
192	Avian meta pneumo virus Reverse Primer – Nd	5'–AGC-AGG-ATG-GAG-AGC-CTC-TTT-G–3' , 25 nMol	1 vial			
193	EDS-Forward primer	5'- CAC ACA ACT GCA TCT GAC TG –3' , 25 nMol	1 vial			
194	EDS- Reverse Primer	5'- TTG GCG TCT TCA AGG CAC TG -3',25 nMol	1 vial			
195	Epizootic Haemorrhagic Disease Virus detection test kit	TaqMan-based LSI VetMAXe Epizootic Hemorrhagic Disease Virus Real-Time RT-PCR Kit, The kit contains Mix for TaqMan RT-PCR. Contains: <ul style="list-style-type: none"> • The detection system for EHDV target: forward and reverse primers, as well as a TaqMan™ probe labeled with FAM - NFQ (NFQ = Non-Fluorescent Quencher). • The detection system for the IPC: forward and reverse primers, as well as a TaqMan probe labeled with VIC - NFQ (NFQ = Non-Fluorescent Quencher). • Buffer, reverse transcriptase and PCR enzyme., External Positive Control: Positive control for EHDV. It contains nucleic acid already extracted for amplification during the real-time RT-PCR. work with Nucleic acid isolated from matrices Blood (in EDTA tubes) Spleen or aborted animal (spleen, liver, heart), shelf life 24 months, transport maintaing cold chain 	1 kit (50 reactions)			
196	Glass petridish	9 cm diametre pyrex	75			
197	ELISA kit for clostridium perfringens enterotoxin detection	to be tested toxins,alpha,beta,epsipon andiota,testfor all anima species and should be able to test enteric samples,culture supernatants,liqeed intestinal,content and pericardial-or peritonal fluid,blood,sera and plasma,shelf life at least 1 year from the day of dilivery ,cold chain maintance during transfort,inclue Manufacture guidelines	1 kit			
198	Coxiella burnetii (Bacteria) synthetic positive control	Cox-R: 5'-CCCCGAATCTCATTGATCAGC-3' probe Cox-TM (FAM-5'-AGCGAACCATTGGTATCGGACGTT-3' –BHQ1)	4 µg (1 vial)			
199	Duck Virus enteritis (DNA virus)synthetic positive control	Duck Virus enteritis (DNA virus) DVE-forward : 5'-CTC-TAC-GCA-GCT-TTT-GAC-GAT-TT-3' DVE-reverse: 5'-AGA-AAC-ATA-CTG-TGA-GAG-TGA-CGA-3' probe (FAM-5'-CCT-CCT-CCT-CGC-TGA-GTG-GCA-TCC-3'-VIC)	4 µg (1 vial)			

200	Chlamydia psittaci (Bacteria) synthetic positive control	Chlamydia psittaci (Bacteria) CppsOMP1-F (5'-CAC TAT GTG GGA AGG TGC TTC A-3') CppsOMP1-R (5'-CTG CGC GGA TGC TAA TGG-3')probe CppsOMP1-S (FAM-5'-CGC TAC TTG GTG TGA C-3'-TAMRA)	4 µg (1 vial)			
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Laboratory Consumables

Se. No.	Item	Specification	Qty	Bidder		bidder specification
				Yes	No	
1	Aluminium foil	37.5 SQ.F7(8.33YDSx181N) 3.48m(7.62mx45.7cm)	5			
2	Autoclave tape	3/4x60 yards-1/cs	3			
3	Scalpal blade size 24 (100/ packs)	size 24 (100/ packs)	100 pack x2			
4	EDTA Tubes	k3 EDTA Tubes 10ml	100 pack x1			
5	Wash bottles 250 ml	250 ml	5			
6	Gel and clot activator tubes for serum Tube	6 ml tubes with clot activator -100 packs	5			
7	Parafilm	4IN.x125 Ft.roll (flexible,Moldable,self-sealing,odarless,Moisture resistant,Thermoplastic,semitranceparent,practicaly colorless	2			
8	Stomacher bag	AJ Cope & Sons,UK:MS805-20	2000			

Laboratory Equipments

Se. No.	Item	Specification	Qty	Bidder		bidder specification
				Yes	No	
1	Bead homoginizer with 24 roter	program memory: up to 50 < 68 dB(A) Noise level PCR -sutable, Carbon fiber roter Cycle time 1 to 90 sec. (up to 90 sec.) Bench top 24 x 2.0 ml capacity with 2.0 ml 3000 Microtubes with beads	1			
2	Micropipettes (1 nos of six pipette kit of volume ranges0.1- 2.5ul, 0.5-10ul, 2-20ul, 10-100ul, 20-200ul, 100-1000ul)	Signal channel variable, Sample locking facilities Autoclavable the entire pipette separately autoclavable lower part of the pipettes Pipetting type - Air-cushion titanium instrument spring ceramic piston Spring loaded tip cone function lockable loaded tip 4 figure volume display Ultra-light weight and pipetting force for ultimate ergonomics Low tip ejection force as low as 3.6 N The piston distance of the pipettes should be adjust in second for better accuracy when pipetting various difficult liquids like ethanol or even when pipetting at high altitudes The tool for piston adjustment.	4 sets			

		3 years company warranty			
		Back up unit should be provided up on the request of the end user			
		ISO standard calibration service should be provided by the local supplier			
		Sample should be provided to check the compatibility of existing micropipette			
		Should have 6 pipettes for one set (The ranges should be 0.1- 2.5ul, 0.5-10ul, 2-20ul, 10-100ul, 20-200ul, 100-1000ul)			
3	PCR machine (3 block system)	The system should be a 3 block system with 3 x 32well blocks			
		Temperature accuracy shall be ± 0.25 deg C or better			
		Temperature range shall be 0 -100 Deg C			
		System shall be capable of handling PCR volume 5 ul - 20ul or better.			
		Instrument should have onboard instrument memory and system should have a USB port to transfer methods from one machine to another.			
		Instrument shall have colour LCD display.			
		The system should allow easy product updates via USB port.			
		The machine should be duly certified / authorized for PCR process and the vendor should produce the certificate for the same.			
		All necessary optimized reagents and plastic ware for standard and fast thermal cycling should be made available by the vendor.			
		Power Requirement shall be 230V/50Hz			
		Printed literature for the instrument manufacturer should be attached with the offer			
		Should provide a letter of authority from the manufacture, certifying that the local agent In Sri Lanka. Offers not carrying authentic letter of authority will be rejected	1		
		Instrument should be a fully workable system. If any other accessory, consumable is needed for completed operation supplier must quote for required accessories, consumables and chemicals			
		Supplier should have an established after sales service unit with proven records and necessary tools. Supplier should have at least 5 year experience for supply and maintaining similar type of instruments.			
		One set of Operation Manual in English language.			
		Complete training for operation, maintenance and calibration of instrument should be provided by the Local Agent at installation site			
		Minimum ONE (01) year guarantee from the date of acceptance after satisfactory installation and commissioning of the instrument			
		The supplier must agree to provide necessary spare parts at least for 5 years after installing the instrument.			
		Five years experience of the bidder in the field of supplying of equipments of similar nature.			
4	Veterinary post mortem kit	Autopsy knife curved,21.5 cm,stainless steel,with plastic handle	2		
		Autopsy knife 20 cm pointed	2		
		Cartilage knife	2		
		Bone scissors,stainless,23 cm	2		
		Bowel scissors	2		
		Scalpel No 6	2		
		Scalpel No 9	2		

	Scalpel No 18	2			
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Pharmacy Items

Se. No.	Item	Specification	Qty	Bidder		bidder specification
				Yes	No	
1	Glouse(powder) Small	Small -Glouse(powder) 100 pieces/pack	10			
2	Glouse(powder) Medium	Medium-Glouse(powder) 100 pieces/pack	20			
3	Glouse(powder) Large	Large-Glouse(powder free) 100 pieces/pack	20			
4	Glouse(powder free)Small	Glouse(powder free) 100 pieces/pack	15			
5	Glouse(powder free) Medium	Glouse(powder free) 100 pieces/pack	15			
6	Glouse(powder free) Large	Glouse(powder free) 100 pieces/pack	15			
7	Plaster role	3" length	10			
8	Surgical masks	50/ packs	30			
9	Surgical spirit (Isopropyl alcohol)	4L cans, 100% Isopropyl alcohol	10			
10	Cotton wool	Absorbent & soft/100% chlorine free -500g	20			
11	Polythene	Width 12 inches, gauge 300, transparent, 5 Kgx2	10 Kg			
12	Polythene	Width 8 inches, gauge 300, transparent, 5 Kgx2	10Kg			
13	Polythene	Width 6 inches, gauge 300, transparent, 5 Kgx2	10Kg			
14	Methylated spirit	1L Cans,	10			