Amendment No. 10

Date: 17-02-2017

Sub: Amendment to Tender Enquiry Document.

Ref: NIT No.: HLL/PCD/GNCTD/33/RGSSH/16-17 dated 29.04.2016 read with amendment no. 1, 2, 3, 4, 5, 6, 7, 8 & 9 dated 27.05.2016, 10.06.2016, 22.06.2016, 22.07.2016, 26.08.2016, 03.10.2016, 02.11.2016, 02.12.16 and 31.12.16 respectively.

The following changes have been incorporated in the Tender Enquiry Document in the referred NIT.

SECTION I

NOTICE INVITING E-TENDERS (NIT)

Existing:

Sl. No.	Tender_ID	Name of the item	Qty.	Tender Fee (Rs.)	EMD Amount (Rs.)	Date & time of closing of online tender	Closing date & time for submission of physical Tender	Date & time of opening of tender
1	2016_HFWD_104215_1	Fully automated Electrolyte Analyzer	1	500	8,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
2	2016_HFWD_104215_2	High Speed Centrifuge	3	500	33,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
3	2016_HFWD_104215_3	Fully Automatic Electrophoresis System	1	500	20,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
4	2016_HFWD_104215_4	Deep Freezers -40 degree Celsius	1	500	13,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
5	2016_HFWD_104215_5	Deep Freezers -80 degree Celsius	1	500	15,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
6	2016_HFWD_104215_6	Laboratory Centrifuge Machine	2	500	9,200	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
7	2016_HFWD_104215_7	Laminar Air Flow (Bio-Safety Cabinet)	4	500	36,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
8	2016_HFWD_104215_8	Ambulatory BP Monitors	3	500	12,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
9	2016_HFWD_104215_9	3D Mapping System	1	3000	4,50,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
10	2016_HFWD_104215_10	Rotablator Machine	1	500	33,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
11	2016_HFWD_104215_11	OCT & FFR Integrated System	1	3000	4,30,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
12	2016_HFWD_104215_12	Intra-aortic balloon pump (IABP)	1	1000	1,60,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM

Sl. No.	Tender_ID	Name of the item	Qty.	Tender Fee (Rs.)	EMD Amount (Rs.)	Date & time of closing of online tender	Closing date & time for submission of physical Tender	Date & time of opening of tender
13	2016_HFWD_104215_13	TMT Machine	3	1000	84,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
14	2016_HFWD_104215_14	Fully Automated ESR Analyser	1	500	24,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
15	2016_HFWD_104215_15	EP Lab with RF generator	1	2000	2,00,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
16	2016_HFWD_104215_16	Endoscopy System	1	1000	1,00,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
17	2016_HFWD_104215_17	Syringe Infusion Pumps	50	1000	60,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
18	2016_HFWD_104215_18	BOD Incuabator	1	500	8,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
19	2016_HFWD_104215_19	Fully Autoamted Elisa Processor (Reader and Washer)	2	500	48,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
20	2016_HFWD_104215_20	Bacteriology Incubator	1	500	4,400	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
21	2016_HFWD_104215_21	Hot Air Oven	1	500	2,800	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
22	2016_HFWD_104215_22	Hemodialysis Machine with HDF Facility	1	500	32,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
23	2016_HFWD_104215_23	Hemodialysis Machine	6	1000	1,44,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
24	2016_HFWD_104215_24	Hemodialysis Machine with SLED	4	1000	1,20,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
25	2016_HFWD_104215_25	Dialysis Reprocessing System	2	500	18,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
26	2016_HFWD_104215_26	Tissue Embedding Station	1	500	36,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
27	2016_HFWD_104215_27	Fully Automated Tissue Processor For Histopathology Lab	1	500	44,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
28	2016_HFWD_104215_28	Semi-Automatic Rotary Microtome	2	500	18,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
29	2016_HFWD_104215_29	Fully Automated Cryo Microtome	1	500	24,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
30	2016_HFWD_104215_30	Fully Automated Slide Stainer for Histo Lab	1	500	32,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
31	2016_HFWD_104215_31	3.0 Tesla MRI Scanner	1	5000	33,00,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
32	2016_HFWD_104215_32	Digital Flat Panel Fluoroscopy with DSA	1	3000	7,00,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
33	2016_HFWD_104215_33	ACT Machine	5	500	50,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM
34	2016_HFWD_104215_34	Cell Saver	1	500	30,000	17-02-17 06:00 PM	18-02-17 02:00 PM	18-02-17 02:30 PM

Read as:

Sl. No.	Tender_ID	Name of the item	Qty.	Tender Fee (Rs.)	EMD Amount (Rs.)	Date & time of closing of online tender	Closing date & time for submission of physical Tender	Date & time of opening of tender
1	2016_HFWD_104215_1	Fully automated Electrolyte Analyzer	1	500	8,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
2	2016_HFWD_104215_2	High Speed Centrifuge	3	500	33,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
3	2016_HFWD_104215_3	Fully Automatic Electrophoresis System	1	500	20,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
4	2016_HFWD_104215_4	Deep Freezers -40 degree Celsius	**3**	500	**39,000**	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
5	2016_HFWD_104215_5	Deep Freezers -80 degree Celsius	**2**	500	**30,000**	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
6	2016_HFWD_104215_6	Laboratory Centrifuge Machine	**7**	500	**32,200**	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
7	2016_HFWD_104215_7	Laminar Air Flow (Bio-Safety Cabinet)	**1**	500	**9,000**	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
8	2016_HFWD_104215_8	Ambulatory BP Monitors	3	500	12,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
9	2016_HFWD_104215_9	3D Mapping System	1	3000	4,50,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
10	2016_HFWD_104215_10	Rotablator Machine	1	500	33,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
11	2016_HFWD_104215_11	OCT & FFR Integrated System	1	3000	4,30,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
12	2016_HFWD_104215_12	Intra-aortic balloon pump (IABP)	1	1000	1,60,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
13	2016_HFWD_104215_13	TMT Machine	3	1000	84,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
14	2016_HFWD_104215_14	Fully Automated ESR Analyser	1	500	24,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
15	2016_HFWD_104215_15	EP Lab with RF generator	1	2000	2,00,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
16	2016_HFWD_104215_16	Endoscopy System	1	1000	1,00,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
17	2016_HFWD_104215_17	Syringe Infusion Pumps	50	1000	60,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
18	2016_HFWD_104215_18	BOD Incuabator	**3**	500	**24,000**	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
19	2016_HFWD_104215_19	Fully Autoamted Elisa Processor (Reader and Washer)	**1**	500	**24,000**	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
20	2016_HFWD_104215_20	Bacteriology Incubator	1	500	4,400	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
21	2016_HFWD_104215_21	Hot Air Oven	**These 5 (five) tenders/ items are cancelled and need not be quoted.**					
22	2016_HFWD_104215_22	Hemodialysis Machine with HDF Facility						
23	2016_HFWD_104215_23	Hemodialysis Machine						
24	2016_HFWD_104215_24	Hemodialysis Machine with SLED						
25	2016_HFWD_104215_25	Dialysis Reprocessing System						
26	2016_HFWD_104215_26	Tissue Embedding Station	1	500	36,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
27	2016_HFWD_104215_27	Fully Automated Tissue Processor For Histopathology Lab	1	500	44,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM

Sl. No.	Tender_ID	Name of the item	Qty.	Tender Fee (Rs.)	EMD Amount (Rs.)	Date & time of closing of online tender	Closing date & time for submission of physical Tender	Date & time of opening of tender
28	2016_HFWD_104215_28	Semi-Automatic Rotary Microtome	2	500	18,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
29	2016_HFWD_104215_29	Fully Automated Cryo Microtome	1	500	24,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
30	2016_HFWD_104215_30	Fully Automated Slide Stainer for Histo Lab	1	500	32,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
31	2016_HFWD_104215_31	3.0 Tesla MRI Scanner	1	5000	33,00,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
32	2016_HFWD_104215_32	Digital Flat Panel Fluoroscopy with DSA	1	3000	7,00,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
33	2016_HFWD_104215_33	ACT Machine	5	500	50,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM
34	2016_HFWD_104215_34	Cell Saver	1	500	30,000	06-03-17 06:00 PM	07-03-17 02:00 PM	07-03-17 02:30 PM

SECTION - VI

LIST OF REQUIREMENTS

Existing:

Part I

Sl. No	Tender_ID	Name of the item	User Department	Qty.	Warranty Period CMC Period	CMC Period
1	2016_HFWD_104215_1	Fully automated Electrolyte Analyzer	Biochemistry	1	5 Years	5 Years
2	2016_HFWD_104215_2	High Speed Centrifuge	Biochemistry	3	5 Years	5 Years
3	2016_HFWD_104215_3	Fully Automatic Electrophoresis System	Biochemistry	1	5 Years	5 Years
4	2016_HFWD_104215_4	Deep Freezers -40 degree Celsius	Blood Bank	1	5 Years	5 Years
5	2016_HFWD_104215_5	Deep Freezers -80 degree Celsius	Blood Bank	1	5 Years	5 Years
6	2016_HFWD_104215_6	Laboratory Centrifuge Machine	Blood Bank	2	5 Years	5 Years
7	2016_HFWD_104215_7	Laminar Air Flow (Bio-Safety Cabinet)	Blood Bank (2) Microbiology (2)	4	5 Years	5 Years
8	2016_HFWD_104215_8	Ambulatory BP Monitors	Cardiology	3	5 Years	5 Years
9	2016_HFWD_104215_9	3D Mapping System	Cardiology	1	5 Years	5 Years
10	2016_HFWD_104215_10	Rotablator Machine	Cardiology	1	5 Years	5 Years
11	2016_HFWD_104215_11	OCT & FFR Integrated System	Cardiology	1	5 Years	5 Years
12	2016_HFWD_104215_12	Intra-aortic balloon pump (IABP)	Cardiology	1	5 Years	5 Years
13	2016_HFWD_104215_13	TMT Machine	Cardiology	3	5 Years	5 Years
14	2016_HFWD_104215_14	Fully Automated ESR Analyser	Cardiology	1	5 Years	5 Years
15	2016_HFWD_104215_15	EP Lab with RF generator	Cardiology	1	5 Years	5 Years

Sl. No	Tender_ID	Name of the item	User Department	Qty.	Warranty Period CMC Period	CMC Period
16	2016_HFWD_104215_16	Endoscopy System	Gastroenterology	1	5 Years	5 Years
17	2016_HFWD_104215_17	Syringe Infusion Pumps	ICU	50	5 Years	5 Years
18	2016_HFWD_104215_18	BOD Incuabator	Microbiology	1	5 Years	5 Years
19	2016_HFWD_104215_19	Fully Autoamted Elisa Processor (Reader and Washer)	Microbiology	2	5 Years	5 Years
20	2016_HFWD_104215_20	Bacteriology Incubator	Microbiology	1	5 Years	5 Years
21	2016_HFWD_104215_21	Hot Air Oven	Microbiology	1	5 Years	5 Years
22	2016_HFWD_104215_22	Hemodialysis Machine with HDF Facility	Nephrology	1	5 Years	5 Years
23	2016_HFWD_104215_23	Hemodialysis Machine	Nephrology	6	5 Years	5 Years
24	2016_HFWD_104215_24	Hemodialysis Machine with SLED	Nephrology	4	5 Years	5 Years
25	2016_HFWD_104215_25	Dialysis Reprocessing System	Nephrology	2	5 Years	5 Years
26	2016_HFWD_104215_26	Tissue Embedding Station	Pathology	1	5 Years	5 Years
27	2016_HFWD_104215_27	Fully Automated Tissue Processor For Histopathology Lab	Pathology	1	5 Years	5 Years
28	2016_HFWD_104215_28	Semi-Automatic Rotary Microtome	Pathology	2	5 Years	5 Years
29	2016_HFWD_104215_29	Fully Automated Cryo Microtome	Pathology	1	5 Years	5 Years
30	2016_HFWD_104215_30	Fully Automated Slide Stainer for Histo Lab	Pathology	1	5 Years	5 Years
31	2016_HFWD_104215_31	3.0 Tesla MRI Scanner	Radiology	1	5 Years	5 Years
32	2016_HFWD_104215_32	Digital Flat Panel Fluoroscopy with DSA	Radiology	1	5 Years	5 Years
33	2016_HFWD_104215_33	ACT Machine	Cardiac Surgery	5	5 Years	5 Years
34	2016_HFWD_104215_34	Cell Saver	Cardiac Surgery	1	5 Years	5 Years

Read as:

Sl. No	Tender_ID	Name of the item	User Department	Qty.	Warranty Period CMC Period	CMC Period
1	2016_HFWD_104215_1	Fully automated Electrolyte Analyzer	Biochemistry	1	5 Years	5 Years
2	2016_HFWD_104215_2	High Speed Centrifuge	Biochemistry **(1)** **Pathology (1)** **Microbiology (1)**	3	5 Years	5 Years
3	2016_HFWD_104215_3	Fully Automatic Electrophoresis System	Biochemistry	1	5 Years	5 Years
4	2016_HFWD_104215_4	Deep Freezers -40 degree Celsius	**Biochemistry (1)** Blood Bank **(1)** **Pathology (1)**	**3**	5 Years	5 Years

Sl. No	Tender_ID	Name of the item	User Department	Qty.	Warranty Period CMC Period	CMC Period
5	2016_HFWD_104215_5	Deep Freezers -80 degree Celsius	Blood Bank (1) **Microbiology (1)**	**2**	5 Years	5 Years
6	2016_HFWD_104215_6	Laboratory Centrifuge Machine	**Biochemistry (3)** Blood Bank (2) **Pathology (2)**	**7**	5 Years	5 Years
7	2016_HFWD_104215_7	Laminar Air Flow (Bio-Safety Cabinet)	Blood Bank **(1)**	**1**	5 Years	5 Years
8	2016_HFWD_104215_8	Ambulatory BP Monitors	Cardiology	3	5 Years	5 Years
9	2016_HFWD_104215_9	3D Mapping System	Cardiology	1	5 Years	5 Years
10	2016_HFWD_104215_10	Rotablator Machine	Cardiology	1	5 Years	5 Years
11	2016_HFWD_104215_11	OCT & FFR Integrated System	Cardiology	1	5 Years	5 Years
12	2016_HFWD_104215_12	Intra-aortic balloon pump (IABP)	Cardiology	1	5 Years	5 Years
13	2016_HFWD_104215_13	TMT Machine	Cardiology	3	5 Years	5 Years
14	2016_HFWD_104215_14	Fully Automated ESR Analyser	**Pathology**	1	5 Years	5 Years
15	2016_HFWD_104215_15	EP Lab with RF generator	Cardiology	1	5 Years	5 Years
16	2016_HFWD_104215_16	Endoscopy System	Gastroenterology	1	5 Years	5 Years
17	2016_HFWD_104215_17	Syringe Infusion Pumps	ICU	50	5 Years	5 Years
18	2016_HFWD_104215_18	BOD Incuabator	Microbiology (1) **Pathology (2)**	**3**	5 Years	5 Years
19	2016_HFWD_104215_19	Fully Autoamted Elisa Processor (Reader and Washer)	**Blood Bank**	**1**	5 Years	5 Years
20	2016_HFWD_104215_20	Bacteriology Incubator	Microbiology	1	5 Years	5 Years
21	2016_HFWD_104215_21	Hot Air Oven	**These 5 (five) tenders/ items are cancelled and need not be quoted.**			
22	2016_HFWD_104215_22	Hemodialysis Machine with HDF Facility				
23	2016_HFWD_104215_23	Hemodialysis Machine				
24	2016_HFWD_104215_24	Hemodialysis Machine with SLED				
25	2016_HFWD_104215_25	Dialysis Reprocessing System				
26	2016_HFWD_104215_26	Tissue Embedding Station	Pathology	1	5 Years	5 Years
27	2016_HFWD_104215_27	Fully Automated Tissue Processor For Histopathology Lab	Pathology	1	5 Years	5 Years
28	2016_HFWD_104215_28	Semi-Automatic Rotary Microtome	Pathology	2	5 Years	5 Years
29	2016_HFWD_104215_29	Fully Automated Cryo Microtome	Pathology	1	5 Years	5 Years
30	2016_HFWD_104215_30	Fully Automated Slide Stainer for Histo Lab	Pathology	1	5 Years	5 Years
31	2016_HFWD_104215_31	3.0 Tesla MRI Scanner	Radiology	1	5 Years	5 Years

Sl. No	Tender_ID	Name of the item	User Department	Qty.	Warranty Period CMC Period	CMC Period
32	2016_HFWD_104215_32	Digital Flat Panel Fluoroscopy with DSA	Radiology	1	5 Years	5 Years
33	2016_HFWD_104215_33	ACT Machine	Cardiac Surgery	5	5 Years	5 Years
34	2016_HFWD_104215_34	Cell Saver	Cardiac Surgery	1	5 Years	5 Years

Section – VII
Technical Specification

Sl. No. 1:- FULLY AUTOMATED ELECTROLYTE ANALYZER

1. **Existing specification:**
   Para 8. Up gradation with Autoloader.
   Read as:
   Para 8: Up gradation with Autoloader is optional and not a mandatory requirement**.**

Sl. No. 2:- High speed centrifuge

1. **Existing specification:**
   Para 1. Fixed angle rotor head, rotor speed up to 13000 rpm, Tube capacity 24-36 size 5-15ml.
   Read as:
   Para 1: Fixed angle Rotor - 8 x 50ml, min. 25000 rpm with 50 ml tubes.
   Adaptor for 10ml tubes (minimum 40 tubes)
   or
   Swing bucket - 4 x 50ml, min. 5300 rpm, 15-50ml tubes

   Min. RCF: 25000 x g
   Min. Speed: 15000 rpm
   Temp. Range: -10° to 40°C
   Refrigeration: CFC/HCFC free
   Centrifugation Chamber: Corrosion resistant; high thermal conductivity; 304 SS grade.

Sl. No. 4:- DEEP FREEZERS -40˚C

1. **Existing specification:**
   Para 10. Hold over time 2 hrs at ambient temperature.
   Read as:
   Para 10: Homogeneity should be maintained with ±6 °C per hour in case of power failure.

2. **Existing specification:**
   Para 13. Seven days inkless graphic temperature recorder with range of -50˚C to 100˚C, with data logger.
   Read as:
   Para 13: Seven days inkless graphic temperature recorder with range of **0 to -40°C with data logger/USB port.**

3. **Existing specification:**
   Para 19. Heating device on frame to avoid condensation.
   Read as:
   Para 19: Heating device on external door to avoid condensation**.**

4. **Existing specification:**
   Para 30. A Line Voltage Corrector as per the specification provided below should form part of standard configuration.
   Read as:
   Para 30: Reputed make voltage stabilizer/corrector to be supplied along with the equipment.

Sl. No. 5:- DEEP FREEZERS -80° Celsius

1. **Existing specification:**
   Para 3. Internal capacity minimum 400 liters.
   Read as:
   Para 3: Internal capacity **minimum 500 liters.**

2. **Existing specification:**
   Para 8. It should have 5 or 6 inner shelves of stainless steel (adjustable) with inventory racks.
   Read as:
   Para 8: It should have **4-5 inner shelves** (adjustable) of stainless steel with inventory racks.

3. **Existing specification:**
   Para 10. Hold over time 2 hrs at ambient temperature.
   Read as:
   Para 10: Homogeneity should be maintained with ±6 °C per hour in case of power failure.

4. **Existing specification:**
   Para 13. Seven days inkless graphic temperature recorder with range of -50˚C to 100˚C, with data logger.
   Read as:
   Para 13: Seven days inkless graphic temperature recorder with range of **-50˚C to -80˚C with data logger/USB port.**

5. **Existing specification:**
   Para 19. Heating device on frame to avoid condensation.
   Read as:
   Para 19: Heating device on external door to avoid condensation**.**

6. **Existing specification:**
   Para 21. Have the possibility to check the internal temperature on display, during power failure.
   Read as:
   Para 21: Should check the actual temperature on display during power failure.

7. **Existing specification:**
   Para 30. A Line Voltage Corrector as per the specification provided below should form part of standard configuration.

   Read as:
   Para 30: Reputed make voltage stabilizer/corrector will be supplied along with the equipment.

Sl. No. 14:- Fully Automated ESR Analyser

1. **Existing specification:**
   Para 1. Should be based on Westergren principle and conforming to the recommendations of ICSH.
   Read as:
   Para 1: Should be based on Westergren Principle **or Red Cells Aggregation or having any other principle which are having good correlation with Westergren method** and conforming to the recommendations of ICSH.

2. **Existing specification:**
   Para 2. Should be able to accept EDTA blood samples in closed tubes with continuous loading possibilities.
   Read as:
   Para 2: Should be able to accept EDTA blood samples in closed tubes **maximum up to 60 samples per run.**

3. **Existing specification:**
   Para 3. System preferably should not involve costly disposables, and offer very low running cost employing 100 or more precision bore Westergren glass tubes, with automatic wash and reuse
   Read as:
   Para 3: System preferably should not involve costly disposables, and offer very low running cost. **The equipment should have facility of washing between two batch run.**

4. **Existing specification:**
   Para 5. System should have ability to have upto five racks at one location, each rack with a capacity to hold 10-12 samples on an average.
   Read as:
   Para 5: System should have ability to have **four/five racks, each rack with a capacity to hold 10-15 samples on an average.**

5. **Existing specification:**
   Para 7. Machine should be equipped with autoloader and open access to sampling all the time when space is available, with positive sample identification built-in bar code reader.
   Read as:
   Para 7: Machine should be equipped **with autoloader or loading manually** with positive sample identification built-in bar code reader.

6. **Existing specification:**
   Para 8. Accurate and automatic on-board dilution with citrate solution and automatic temperature correction to 18.3°C should be available.
   Read as:
   Para 8: Should not have any influence of high or low temperature. Onboard dilution is optional.

7. **Existing specification:**
   Para 9. One hour standard mode, with built in half an hour method for quick turn around, if needed with on line ESR results, should be possible.
   Read as:
   Para 9: The instrument should able to release report in less than 60 min or less than 30 min of quick turnaround, if needed with on line ESR results, should be possible.

8. **Existing specification:**
   Para 12. Should have the ability to detect even haziness in samples and measure the position of the meniscus accurately, and consistently, always for precise results.

Read as:
Para 12: Should have the ability to detect the samples and measure the position of the meniscus accurately and consistently, always for precious result.

Sl. No. 16:- Endoscopy System

1. **Specification under High Definition Video Colonoscope – 1 No.**

Existing:
- Built in HDTV compatible CCD with (Dual) Near & Normal focus observation capacity.

Read as:
- Built in HDTV compatible CCD.

Existing:
- Should have Narrow Band Imaging or I scan for detailed mucosal study

Read as:
- Should have **Electronic Chromoendoscopy** for detailed mucosal study.

Existing:
- Fully immersible in disinfectant solution (with or without soaking cap) & one touch connectivity.

Read as:
- Fully immersible in disinfectant solution (with or without soaking cap).

Existing:
- In built scope identification memory chip for monitor display of scope's model no. serial no., white balancing memory, no. of connections/cumulative uses etc.

Read as:
- **Deleted.**

Existing:
- Auxiliary water jet for mucosal cleaning**:-**
  Depth of field : Normal- 4-100 mm, near 2-3 mm or better.
  Working length : L: 1680 mm I: 1330 mm or more

Read as:
- Auxiliary water jet for mucosal cleaning:-
  Depth of field : **3-100 mm or better.**
  Working length : L: **1600** mm I: 1330 mm or more

2. **Specification under High Definition Extra Paediatric Video Colonoscope – 1 No.**

Existing:
5. Compatible for Band Imaging preferably NBI function.

Read as:
5. Compatible for **Electronic Chromoendoscopy**.

Existing:
7. Four user programmable switches to improve operability.

Read as:
7. **Three or more** user programmable switches to improve operability.

Existing:
(Under Optical System)

Distal End	Outer diameter	9.8 mm or less
Insertion Tube	Outer diameter	9.8 mm or less
Working Length		1650 mm or more

Read as:

Distal End	Outer diameter	9.8 mm or less
Working Length		**1600** mm or more

3. **Specification under Video Processor with Trolley – 1 No.**

Existing:

- should contain the electronics to operate dual focus for clear visibility of near & far objects.

Read as:

- **Deleted.**

Existing:

- Narrow Band Imaging (NBI) or I Scan capacity for compatibility with NBI Videoscopes.

Read as:

- Should be compatible for **Electronic Chromoendoscopy.**

Existing:

- Should have pre freeze function for image stabilization.

Read as:

- **Deleted.**

4. **Specification under Light Source (Xenon short arc Ozone free 300 Watt lamp) – 1 No**

Existing:

- Equipped with Narrow Band Imaging (NBI) or I Scan capability with high intensity Xenon Light source (300W) with 500 hours life.

Read as:

- Equipped with **electronic chromoendoscopy** capability with high intensity Xenon Light source (300W) with 500 hours or more life.

Existing:

- Equipped with special filter for Narrow Band Imaging (NBI) or I Scan.

Read as:

- Equipped with **electronic chromoendoscopy capability.**

Existing:

- Emergency halogen/LED backup for lamp.

Read as:

- **Deleted.**

Sl. No. 18:- BOD INCUBATOR

1. **Existing specification:**

- Temperature range 0°C to 80°C with accuracy 0.5°C high quality, environment friendly refrigerant.

Read as:

- Temperature range **10°C to 50°C with 0.5° accuracy** high quality, environment friendly refrigerant.

2. **Existing specification:**
   - Adjustable ventilation rate 10 – 100% thin form air circulation.

   Read as:
   - **Air circulated by double shaft-cooled, blower to keep the temperature uniform throughout the inner chamber.**

3. **Existing specification:**
   - Size of inner chamber approximately 50x60x50 cm.

   Read as:
   - **Deleted.**

4. **Existing specification:**
   - Suitable Stabilizer/CVT.

   Read as:
   - **Reputed make** suitable stabilizer**.**

5. **Added Para:**
   - **The equipment should be microprocessor controlled, with insulation to maintain desired temperature.**
   - **Capacity of BOD Incubator should be 300- 350 L.**

Sl. No.20:- BACTERIOLOGICAL INCUBATOR

1. **Existing specification:**
   - Double walled construction with complete inner chamber made of highly polished stainless steel.

   Read as:
   - Double walled construction with complete inner chamber **made of S.S. 304 grade.**

2. **Existing specification:**
   - Insulation to maintain desired temperature.

   Read as:
   - **The equipment should be microprocessor controlled with** insulation to maintain desired temperature.

3. **Existing specification:**
   - Temperature should be thermostatically controlled with range from 20-80˚ C. Air ventilators to be provided on both sides.

   Read as:
   - Temperature will be **microprocessor** controlled with range **to 5˚C above ambient to 80˚C with** air ventilators to be provided on both side **at top for fumes, if any.**

Sl. No.26:- TISSUE EMBEDDING STATION

1. **Existing specification:**
   Para 2: Temperature range of cold plate: -5 to 15 deg C
   Read as:
   Para 2: Temperature range of cold plate: **-5 to -10 deg C**

2. **Existing specification:**
   Para 3: >60 cassette molds capacity of tissue holding tank with acrylic cover.
   Read as:
   Para 3: >60 cassette molds capacity of tissue holding tank with **M.S/S.S. cover.**

Sl. No.27:- Fully Automated Tissue Processor For Histopathology Lab

1. **Existing specification:**
   Para 1: Fully automatic tissue processor with all accessories, Carousel type with 12 stations of minimum 1.8-2 Ltr. each, 10 reagent stations, 2/3 wax baths with easy accessibility to all reagent stations.
   Read as:
   Para 1: Fully automatic tissue processor with all accessories, **open type** with 12 stations of **minimum 2 to 3.8 Ltr. each,** 10 reagent stations, 2/3 wax baths with easy accessibility to all reagent stations.

2. **Existing specification:**
   Para 2: The system should have inbuilt vacuum which can be applied to any of stations preferably with efficient fume control system.
   Read as:
   Para 2: The system should be **inbuilt Vacuum / Centrifuging method for better penetration** which can be applied to any stations preferably with efficient fume control system.

3. **Existing specification:**
   Para 3: Metal Reagent containers with beaker carriers.
   Read as:
   Para 3: Solvent resistant reagent containers with beaker carriers.

4. **Existing specification:**
   Para 4: Metal tissue basket capacity approx. 100-200 cassettes. Second tissue basket to be provided for additional tissue cassettes with three wax baths.
   Read as:
   Para 4: Solvent resistant tissue basket capacity approx. 100-150 cassettes. Second tissue basket to be provided for additional tissue cassettes with three wax baths.

5. **Existing specification:**
   Para 5: Wax baths should be maintained at the temperature of 50-60 deg C with facility for over temperature release.
   Read as:
   Para 5: Wax baths should be maintained at the temperature of **50-70 deg C** with facility for over temperature release.

6. **Existing specification:**
   Para 14: Baskets should automatically immerse in station during the power failure.
   Read as:
   Para 14: Tissue should remain dipped in reagents during the power failure.

7. **Clarification on Existing specification:**
   Para 21: Accessories, spares and consumable to be provided the equipment free of cost.
   SS basket-2

Reagents vessels preferably metal with handle of minimum of 1.8 -2 Ltr capacity, qty-11,
Beaker cover, qty -11
Wax baths tissue capsules with perforation- qty.2
(Clarification: all these accessories are over and above the system requirement)

Sl. No.29:- Fully Automated Cryo Microtome

1. **Existing specification:**
   Para 2: Cryo chamber temperature setting should be 0°C - 35°C cooling via two separate compressor systems with specimen cooling.
   Read as:
   Para 2: Cryo chamber temperature setting should be **0°C to -35°C** cooling.

2. **Existing specification:**
   Para 8: Fully Automatic Sectioning with an option of manual operation.
   Read as:
   Para 8: Automatic **or manual** sectioning.

3. **Existing specification:**
   Para 11: Motorized rapid and slow coarse feed preferably at two speeds 500µm/s & 1000 µm/s should be available.
   Read as:
   Para 11: Continuous speed of 0 to 250 mm/sec.

4. **Existing specification:**
   Para 19: Facility of UV lamp decontamination should be available with heated sliding window.
   Read as:
   Para 19: Facility of **UV lamp/ ozone decontamination** should be available with heated sliding window.

5. **Existing specification:**
   Para 21: System should be quoted with Disposable Blade system.
   Read as:
   Para 21: System should be quoted with **High and Low profile** Disposable Blade **holders**.

6. **Existing specification:**
   Para 23: The equipment should be supplied with 5 packets of disposable blade, 5 bottles of freezing compound & 2 sets of brushes, 6 specimen checks, spare anti-roll guide.

   Read as:
   Para 23: The equipment should be supplied with 5 packets **each of High and Low profile** disposable blade, 5 bottles of freezing compound & 2 sets of brushes, 6 specimen checks, spare anti-roll guide.

7. **Existing specification:**
   Para 25: Should be supply with suitable online power backup of 2 hrs.

   Read as:
   Para 25: Should be supply **with UPS/CVT** with suitable online power backup of 2 hrs.

Sl. No.30:- Fully Automated Slide Stainer for Histo Lab

1. **Existing specification:**
   Para 3: Should hold at least 30 slides per basket.
   Read as:
   Para 3: Should be **capable to hold 20 - 30 slides per basket.**

2. **Existing specification:**
   Para 4: Minimum basket chemical capacity should be up to 400ml.
   Read as:
   Para 4: Minimum basket chemical capacity **400ml.**

3. **Existing specification:**
   Para 5: Five wash stations with 24 work stations, (Programmable) with timing in minutes & seconds with up to 18-20 reagent stations.
   Read as:
   Para 5: Five wash stations with 24 work stations, (Programmable) with timing in minutes & seconds.

4. **Existing specification:**
   Para 16: Fume containment hood with filter and vacuum control. Easy to use menu and at least 10-15 programmes with memory facility.
   Read as:
   Para 16: Fume containment hood with filter. Easy to use menu and at least **8 to 10** programs with memory facility.

5. **Added Para:**
   Para 21: Specimen Slide throughput of minimum 200 per hour. Drying of slides required.

Section – IX
Qualification Criteria

Existing:

2. (b) The Tenderers quoting as authorized representative of the manufacturer meeting the above criteria 2 (a) should have executed **at least one contract in the last five years** from the date of tender opening of similar equipment meeting major parameters of technical specification which is functioning satisfactorily, anywhere in India **of the same manufacturer.**

Read as:

2. (b) The Tenderers quoting as authorized representative of the manufacturer meeting the above criteria 2.(a) should have executed at least one contract **of any medical equipment in the last three years** from the date of tender opening which is functioning satisfactorily, anywhere in India**.**

All other contents of the tender enquiry including terms & conditions remain unaltered.

Note:

1. **The prospective bidders shall submit their online bids as per the amended quantity, revised EMD (although the EMD shown in the portal different elsewhere, the amount of EMD to be submitted shall be strictly as per this amendment), technical specifications and qualification criteria, etc. at https://govtprocurement.delhi.gov.in.**

2. **Prospective bidders who have already submitted their bids are advised to revise their bids as per this revised schedule and other changes, if any.**

3. **Prospective Bidders are also advised to check the website regularly prior to the closing date and time of online submission of tenders.**