

Running Contract Details	
Equipment Name	Chemotherapy Preparation Hood
Running Contract Valid Till	22-02-2021
Tender Ref No	KMSCL/EP/T307/1341/2019(R)
Tendered Quantity	15
Supplier Name	M/s Esco Biotech Pvt Ltd
GST No	27AABCE5136F1ZW
Installation & Delivery Period	12 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
101-102 Sita Niwas - Plot No. 94 Road No.1 Liberty Garden Maiad (West) Mumbai 400064	Contact Person	Mr. Sreeraj. P.M
	Phone	
	Mobile No	8880001814
	Email	bangalore@escobiotech.in

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Chemotherapy Preparation Hood <i>Model & Make : LB2-4B-E / Esco-4B-E / Esco Micro Pte.</i>	1005079.99 Incl.GST :18%	70355.6	1075435.59
		1005079.99	70355.6	1075435.59

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 th Year	5 th Year	6 th Year	7 th Year	8 th Year	9 th Year	10 th Year
Chemotherapy Preparation Hood							
Labour	30,000.00	33,000.00	36,300.00	39,930.00	43,923.00	48,315.00	53,145.00
Comprehensive	50,000.00	55,000.00	60,500.00	66,550.00	73,205.00	80,530.00	88,583.00

Other terms & conditions

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender

document).

2. The supplier shall submit performance security amounting to 5% of the value of the supply order.
3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.
4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).
5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

Technical Specification

Equipment :Chemotherapy Preparation Hood

1. Type B2 cabinets (may be used with biological agents treated with toxic chemicals and radio nuclides required as an adjunct to micro biological studies)
 2. Maintains minimum average inflow velocity of 100 fpm through the work area access openings
 3. Has HEPA filtered down flow air drawn from the laboratory or outside air (that is down air flow is not re circulated from the cabinet exhaust air)
 4. Exhaust all inflow and down flow air to the atmosphere after filtration through HEPA filter without re circulation into the cabinet or return to the laboratory room air
 5. Has all contaminated ducts and plenums under negative pressure or surrounded by directly exhausted negative pressure ducts and plenums (not re circulated through the work area)
- A. Standard features
1. Material construction: CRCA powder coated/ stainless 304
 2. Pre filter: 10 microns
 3. HEPA filter : 0.3 microns
 4. Fluorescent lamps
 5. Flow ration : Class II type B2: 100 % exhaust
 6. UV light
 7. Front door
 8. Virus tight extract HEPA filter
 9. Stainless steel work table
 10. Pressure gauge
 11. Gas coke
 12. Extra power outlet switch
 13. Size : 4 ft unit

14. Inner dimension : 1220 x 610 x 610 mm (L x D x H)

15. Overall dimension: 1350 x 850 x 2250 mm (L x D x H)

B. Technical Features

a. Air flow: designed for 0.45 m/ sec to 0.65 m/sec

b. Pre filters

i. Size: 1100 x 150 x 50 mm – 1 no (4 feet unit)

ii. Type: flange type

iii. Media: Synthetic, Non-oven polyester fibre, washable

iv. Casing: M.S powder coated

v. Gasket: Neoprene

vi. Retention: 10 micron

vii. Efficiency : 90 %

viii. Pressure drop: 6 to 8 mm

c. Supply HEP filter

i. Size: 1220 x 450 x 75 mm – 1 no (4 ft unit)

ii. Type: box type, mini pleat

iii. Media: ultra clean glass fibre paper – imported

iv. Casing : MS powder coated

v. Gasket: neoprene

vi. Retention: 0.3 micron

vii. Efficiency: 99.97 %

viii. Pressure drop: 25 mm of W.c

d. Exhaust HEPA filter

i. Size: 1100 x 150 x 305 mm – 1 no (4 ft unit)

ii. Type: box type, separator

iii. Media: ultra clean glass fibre paper – imported

iv. Casing : MS powder coated

v. Gasket: neoprene

vi. Retention: 0.3 micron

vii. Efficiency: 99.97 %

viii. Pressure drop: 25 mm of W.c

e. Impellers

i. High performance noise abated statically and dynamically balanced

f. Motor blowers

i. Volts: 230 V

ii. Hz: 50

iii. Hp: 1/3

iv. Amps: 3.5

v. Watts: 250

vi. RPM: 1440

vii. Qty: 1 for supply and 1 for exhaust

g. Pressure gauge

i. Housing: die casting aluminium case and bezel with acrylic cover

ii. Accuracy: +/- 2% of full scale

iii. Pressure limits: 15 psi

iv. Temperature: 20 to 140 degree F

v. Size: 4 inches dia

vi. Weight: 510 gm

vii. Range: 0 to 25 mm

h. hour meter

i. range: 9999 hour

ii. Weight : 75 gm

iii. Size: 2 inch x 2 inch

i. Cleanliness level : Class 100

j. Illumination: 40 W fluorescent tubes

k. Noise level: 65 +/- 5 dB

l. Power supply : 230 V AC, 50 Hz

m. Standards

i. US FED STD 209 E

ii. ISO 14644 – 1

iii. IEST – RP-CC-002-2

iv. BSI

n. Special features

i. Mini pleat HEPA filter

ii. DQ, IQ, PQ and OQ documents provided

iii. Hour meter for monitoring UV life

iv. Magnehelic gauge instead of manometer

v. Virus burn out system