

# Contract

Contract No: GEMC-511687779935312

Generated Date: 15-Sep-2020

Bid/RA/PR No:GEM/2020/B/674066

**Organisation Details** 

Organisation Name:

Central PSU Type: Ministry: Ministry of Coal Department: Materials Management

**Bccl Dhanbad** Office Zone:

**Buyer Details** 

Ashok Kumar Pandey Name: Designation:Senior Manager(MM)

Contact

No.:

Email ID: ak.pandey4576@nic.in

GSTIN:

MM Department, level 3, Commercial Building, Koyla Bhawan,

Address: Koyla Nagar,

DHANBAD, JHARKHAND-826005, India

**Financial Approval Detail** 

IFD Concurrence: Designation of Administrative Approval: Designation of Financial Approval:

**Paying Authority Details** 

**BIKRAM GHOSH** Name: Designation: HOD Purchase Finance Email ID: hodpurfin.bccl@nic.in

GSTIN:

MM Department, level 3, Commercial Building, Koyla Bhawan,

Address: Koyla Nagar,

DHANBAD, JHARKHAND-826005, India

**Seller Details** 

**IKON INSUTRUMENTS** Company Name:

Contact No.: 08102149279

Email ID: CASATISHKUMAR@HOTMAIL.COM

**Bharat Coking Coal Limited** 

BANK MORE, MATKURIA, KATRAS ROAD, KATRAS ROAD, Address:

Dhanbad, JHARKHAND-826001, -

Yes

D(T)PP

D(T)PP

MSME verified: Yes MSE Social Category: General MSE Gender: Male

GSTIN: 20BZEPS2536R1ZZ

# **Product Details**

#	Item Description	Category Name	Model	HSN Code	Ordered Quantity	Unit	Price (Inclusive of all Duties and Taxes in INR)
1	REMI Angle Rotor Medical Centrifuge Size 16 Vacuutainers	Medical Centrifuge	R-8C	HSN not specified by seller	2	pieces	43,600
Total Order Value (in INR)							43,600

# **Consignee Detail**

S.No	Consignee	Item	Lot No.	Quantity	Delivery Start After	Delivery To Be Completed By
1	Name: Anand Kumar Designation: - Email ID: anand.kumar@coalindia.in Contact: 0326-2206167-234 GSTIN: 20AAACB7934MFZB Address: Chief Of Medical Services, Central Hospital , PO- Jagjivan Nagar., DHANBAD, JHARKHAND-826003, India	REMI Angle Rotor Medical Centrifuge Size 16 Vacuutainers	-	2	15-Sep-2020	15-Oct-2020

# Product Specification for REMI Angle Rotor Medical Centrifuge Size 16 Vacuutainers

Specification	Sub-Spec	Value

Confliction number and date   Purpose   Separating Security For Internation	Standards	Conformity to standards	CE		
Ceretifuge Design Weight Including Default Rotor in kg  Auto out off Timer provided Morrow NetW  Morrow NetW  Number of steps for RPM variation Type of Moor  Machiner of steps for RPM variation Type of Moor  Machiner Operating Temperature range in Degree configated Another operating Temperature range in Degree configated Cegus and humidity range Rose installation diagnostics and automatic step if required Ves  Machiner operating Temperature range in Degree configated Cegus and humidity range Rose installation diagnostics and automatic step if required Ves  Machiner operating Temperature range in Degree configated Cegus and humidity range Rose installation diagnostics and automatic step if required Ves  Machiner operating Temperature range in Degree configated Ves  Machiner installation diagnostics and automatic step if required Ves  Machiner installation diagnostics and automatic step if required Ves  Machiner installation by user, machine shall stop Machiner automatic of the National State of State State of State State of Ves  Machiner automatic of the Ves  Machiner automatic of the Ves  Timer settings Provided  Angle Roser  Roser configuration  Roser configuration  Angle Roser  Roser configuration  Roser configuration  Angle Roser  Roser settings of the National Centrifuge in mm  The Sequence of the National Centrifuge in mm  350  Length of the Medical Centrifuge in mm  350  Length of the Medical Centrifuge in mm  350  Length of the Medical Centrifuge in mm  Accessories  Warranty in Years  Length of Medical Centrifuge  Notify Material for manufacture of Medical Centrifuge  Consists of Decast Aluminum, Aluminum sheet, Similesia Steel, CRC Seed Finish with Provider Centrifuge of store painting / ABS PLASTIC OF  Notify Material for Medical Centrifuge  Notify Material for Medical Centrifuge  Notify Material of Medical Centrifuge  Notify Mate		Certificate number and date	910618, dt- 09/04/2018		
Weight including Default Robor in kg  Auto cut off  Timer provided  Auto cut off  Timer provided  Number of slegs to RPM variation  Incremental Stress of Variable RPM  Type of Mater  Maximum Note level wherein vecking at 1 meter distance in cb  Ambient contraining Temperature range in Degree centigrade  Cestics and furniformy range  Rotor imbalance diagnostics and automatic stop if required  Ficility is ensure that this case Maximis is runing and list is opened  with manual look by user, machine shall slop  Maximum Timer Set range  Timer settings Provided  Timer settings Provided  Timer settings Provided  Timer settings Provided  Internation  Display  Display  Display  Display  Autocitavable Rotor (\$ 121 Degree Celaus.  Maximum Volume of the Nube testable  Power supply  Rotor configuration  Rotor Set  Power supply  Power concurrention in worts  Length of the Medical Centrituge in mm  350  Length of one Medical Centrituge in mm  360  Wish of the Medical Centrituge in mm  360  Length of Power cond in maters  The Equipment shall be installed and demonstrated before Acceptance installation and demonstration of Medical Centrituge  Notice and the Medical Centrituge  Notice Configured in manual conditions and demonstrated before Acceptance installation and demonstrated before  Acceptance installation and demonstrated before  Acceptance installation and demonstrated before  Acceptance installation and demonstrated before  Acceptance installation and demonstrated before  Acceptance installation and demonstrated before  Acceptance installation and demonstrated before  Acceptance installation of Medical Centrituge  List Material of Medical Centrituge  List Material of Medical Centrituge  CR. C. Steel Finish with Powder Coating or stone parting / ABS PLASTIC OF  The Coating or stone parting / ABS PLASTIC OF  The Coating or stone parting / ABS PLASTIC OF  The Coating or stone parting / ABS PLASTIC OF  The Coating or stone parting / ABS PLASTIC OF  The Coating or stone parting / ABS PLASTIC OF  The Coating or stone parting /		Purpose	Separating Serum from blood or for urine sedimentation		
Auto cut off Timer provided Ves Timer provided Ves Maximum RPM Number of larges for RPM variation 7 Incremental Steps and Variable RPM 400 Type of Maria Maximum Notice level wherein working at 1 moter distance in db Ambient operating Temperature range in Degree contiguade Cellulus and humolity range Roter imbalance diagnostics and automatic stop it required Ves Pacify to ensure that In case Maximus is stop it required that Interest is a Maximus in view of the Maximus in		Centrifuge Design	Bench Top		
Timer provided Yes  Maximum RPM 2800  Number of steps for RPM variation 7  Increments' Steps of Variable RPM 400  Type of Motor		Weight including Default Rotor in kg	5		
Maximum RPM Number of steps for RPM variation 7 Incremental Steps of Variable RPM Pype of Mixor Maximum Noise level whemin vorting at 1 meter distance in do Ambient operating Temperature range in Degree contigrade Celetus and humidity range Rotor smakance diagnostics and automatic step if required Facility to nature that in case Maximum and automatic step if required Facility to nature that in case Maximum and automatic step if required Was Maximum Timer Set range Maximum Timer Set range Maximum Timer Set range Mixeroid of 1 meacondasp to 1 minutes and over 1 minute up to 60 minutes Interval of 1 minute UD Performance Parameters Display Speed Controller Speed Controller Speed Controller Angel Rotor Rotor configuration Angel Rotor Rotor Scale Rotor Size How the reference to Autoclavability Autoclavability Rotor 09 121 Degree Celsus  Maximum Volume of the fube testable Vacoutainers Rotor Size How Medical Centrifuge in mm 350 Voidth of the Medical Centrifuge in mm 365 Height of of the Medical Centrifuge in mm 365 Voidth of the Medical Centrifuge in mm 365 Accessories Longth of Power cord in maters  The Equipment shall be installed and demonstrated before Accessories Longth of Power cord in maters  Cr. C. Steef Firith with Powder Coating or stove painting? ABS Plassic of ligitation maximing Powder Coating or stove painting? ABS Plassic of ligitation maximing Powder Coating or stove painting? ABS Plassic of ligitation maximing Powder Coating or stove painting? ABS Plassic of ligitation maximing Powder Coating or stove painting? ABS Plassic of ligitation maximing Powder Coating or stove painting? ABS Plassic of ligitation maximing Powder Coating or stove painting? ABS Plassic of ligitation maximing Powder Coating or stove painting? ABS Plassic of ligitation maximing Powder Coating or stove painting? ABS Plassic of ligitation maximing Powder Coating or stove painting? ABS Plassic of ligitation maximing Powder Coating or stove painting? ABS Plassic of ligitation maximum places.		Auto cut off	Yes		
Number of stops for RPM variation 7 Incremental Stops of Variable RPM 400 Type of Motor 8 Maximum Noise level wherm working at 1 meter distance in do 0 Ambient operating Temperature range in Degree centigrade 0 Cotes deals and humiliday range 8 Rotor inclaisance diagnostics and automatic stop if required Yes 9 Facility to ensure that in case Machine is naining and lid is opened with manual bod by user, machine shall alop 9 Maximum Timer Set range 6 Interval of 1 to secondarp to 1 minute and over 1 minute up to 80 minutes in interval of 1 minutes and over 1 minutes		Timer provided	Yes		
Incremental Staps of Variable RPM Type of Motor  Type of Motor  Maximum Noise level wherms working at 1 meter distance in do Ambient operating Temperature range in Degree centigrade Celsius and humidity range Rotor imbalance diagnostics and automatic stop if required Yes  Rotor imbalance diagnostics and automatic stop if required Yes  Maximum Timer Set range 60 minutes  Timer settings Provided Timer settings Provided  Interval of 10 secondaup to 1 minute and over 1 minute up to 80 minutes in interval of 15 secondaup to 1 minute and over 1 minute up to 80 minutes in interval of 15 secondaup to 1 minute and over 1 minute up to 80 minutes in interval of 17 secondaup to 1 minute and over 1 minute up to 80 minutes in interval of 17 secondaup to 1 minute and over 1 minute up to 80 minutes in interval of 17 secondaup to 1 minute and over 1 minute up to 80 minutes in interval of 17 secondaup to 1 minute and over 1 minute up to 80 minutes in interval of 17 secondaup to 1 minute and over 1 minute up to 80 minutes in interval of 17 secondaup to 1 minute and over 1 minute up to 80 minutes in interval of 17 secondaup to 1 minute and over 1 minute up to 80 minutes in interval of 17 secondaup to 1 minute and over 1 minute up to 80 minutes in interval of 17 secondaup to 1 minute and over 1 minute up to 80 minutes in interval of 17 secondaup to 1 minute and over 1 minute up to 80 minutes in interval of 18 minutes and over 1 minute up to 80 minutes in interval of 17 secondaup to 1 minutes and over 1 minute up to 80 minutes in interval of 17 secondaup to 1 minutes and over 1 minutes		Maximum RPM	2800		
Type of Motor  Maximum Noise level whemn working at 1 meter distance in do  Ambient operating Temperature range in Degree centigrade Celesius and humidity range Rotor imbalance diagnosatics and automatic stop if required Pacific to ensure that in case Machine is runing and lid is opened with manual lock by user, machine shall stop  Maximum Timer Set range 60 minutes  Timer settings Provided Timer settings Provided  Performance Parameters  Parameters  Parameters  Performance Parameters  Rotor Control Accuracy in case of set speed (Plus minus RPM) Rotor controller stop of the full set performance Rotor Feature with reference to Autoclavability Autoclavable Rotor @ 121 Degree Celaus.  Maximum Volume of the fulbe testable Vaccutationers  Rotor Size Power supply Single phase, 230 V 50 HZ AC Source Power concumption in watts Length of the Medical Centrifuge in mm 355 Length of the Medical Centrifuge in mm 365 Height of the Medical Centrifuge in mm 365  Length of the Medical Centrifuge in mm 365  Rotor Size Accessories Accessories Accessories Accessories Accessories Lid Moterial of Medical Centrifuge Lid Moterial of Medical Centrifuge Rotor Centrifuge Lid Moterial of Medical Centrifuge Rotor Centrifuge CR. C Steel Finish with Powder Coating or stove painting / ABS Plastic of injection moulding Rotor Stove Parameters Rotor Material Centrifuge Rotor Steel Finish with Powder Coating or stove painting / ABS Plastic of injection moulding Rotor Material Centrifuge Rotor Material Centrifuge Rotor Material Centrifuge Rotor Moterial Centrifuge Rotor Material Centrifuge Rotor Material Centrifuge Rotor Material Centrifuge Rotor Moterial Centrifuge Rotor Material Centrifug		Number of steps for RPM variation	7		
Maximum Noise level whemin working at 1 meter distance in do Ambient operating Temperature range in Degree centigrade Colsius and humidity range Rotor imbalance diagnossics and automatic stop if required Facility to ensure that in case Machine is runing and lid is opened with manual lock by user , machine shall stop Maximum Timer Set range  Timer settings Provided  Timer settings Provided  Timer settings Provided  Microprocessor controlled pre programmed speed controller  Speed Controller  Speed Controller  Speed Control Accuracy in case of set speed (Plus minus RPM)  Rotor configuration  Rotor Feature with reference to Autoclasvability  Autoclavable Rotor ® 121 Degree Celsus,  Maximum Volume of the lube testable  Vaccutainers  Rotor Size  Power supply  Single phase, 230 V 50 HZ AC Source  Power concumption in watts  Length of the Medical Centrifuge in mm  366  Height of the Medical Centrifuge in mm  367  Height of the Medical Centrifuge in mm  Accessories  Warranty in Years  Assembly Material of Medical Centrifuge  Lid Material of Medical Centrifuge  Rotor Rotor Size Indiana and demonstrated before Acceptance installation and demonstration  CR C Seel Finish with Powder Costing or stove painting / ABS Plassit of ligitation mounting  Parameters  Both Material of Medical Centrifuge  CR C Steel Finish with Powder Costing or stove painting / ABS Plassit of ligitation mounting  CR C Steel Finish with Powder Costing or stove painting / ABS Plassit of ligitation and demonstration or page of the province of the page of the p		Incremental Steps of Variable RPM	400		
Ambient operating Temperature range in Degree centigrade Celsus and humidity range Rotor imbalance diagnostics and automatic stop if required Yes Facility to ensure that in case Machine is runing and lid is opened with manual lock by user , machine shall stop Maximum Timer Set range  Endominates  Timer settings Provided  Display  Speed Controller  Speed Controller  Speed Controller  Speed Controller  Speed Controller  Rotor Feature with reference to Autodisvability Autoclavable Rotor ® 121 Degree Celsus, Maximum Volume of the tube testable  Vaccutainers  Rotor Size  Power supply  Power concumption in waits  Length of the Medical Centrifuge in mm  Accessories  The Equipment shall be installed and demonstrated before Acceptance installation and demonstration  Accessories  Warranty in Years  Assembly Material of Medical Centrifuge  Rotor Stare  Assembly Material of medical Centrifuge  CR C Steel Finish with Powder Coating or stove painting / ABS PlasSit of Ingiction modified  Consider on Finish with Powder Coating or stove painting / ABS PlasSit of Ingiction modified  CR C Steel Finish with Powder Coating or stove painting / ABS PlasSit of Ingiction modified  Rotor Stare  Assembly Material of Medical Centrifuge  Rotor Stare  Assembly Material of Medical Centrifuge  CR C Steel Finish with Powder Coating or stove painting / ABS PlasSit of Ingiction modified  CR C Steel Finish with Powder Coating or stove painting / ABS PlasSit of Ingiction modified  CR C Steel Finish with Powder Coating or stove painting / ABS PlasSit of Ingiction modified  CR C Steel Finish with Powder Coating or stove painting / ABS PlasSit of Ingiction modified  CR C Steel Finish with Powder Coating or stove painting / ABS PlasSit of Ingiction modified  CR C Steel Finish with Powder Coating or stove painting / ABS PlasSit of Ingiction modified  CR C Steel Finish with Powder Coating or stove painting / ABS PlasSit of Ingiction modified  CR C Steel Finish with Powder Coating or stove painting / ABS PlasSit of Ingiction modified  CR C Steel Finish w		Type of Motor	Brushless (without carbons)		
Celsius and humidity range  Rotor imbalance diagnostics and automatic stop if required Facility to ensure that in case Machine is runing and lid is opened with manual lock by user , machine shall stop  Maximum Timer Set range  Timer settings Provided  Timer settings Provided  Timer settings Provided  Display  LCD  Speed Controller  Speed Controller  Speed Controller  Speed Controller  Rotor configuration  Rotor configuration  Rotor Feature with reference to Autoclavability  Autoclavable Rotor © 121 Degree Celsus,  Vaccutainers  Rotor Size  Power supply  Power condumption in walts  Langth of the Medical Centrifuge in mm  Height of of the Medical Centrifuge in mm  Length of Power cord in meters  The Equipment shall be installed and demonstrated before Acceptance installation and demonstrated before Acceptance installation and demonstrated before Acceptance installation and demonstrated Defore  Assembly Material For manufacture of Medical Centrifuge  Lid Material  Parameters  Power Medicial Centrifuge  Lid Material of Medical Centrifuge  C.R.C. Sitel Finish with Powder Costing or stove painting / ABS Plastic of Injection moulding  C.R.C. Sitel Finish with Powder Costing or stove painting / ABS Plastic of Injection moulding  C.R.C. Sitel Finish with Powder Costing or stove painting / ABS Plastic of Injection moulding  C.R.C. Sitel Finish with Powder Costing or stove painting / ABS Plastic of Injection moulding  C.R.C. Sitel Finish with Powder Costing or stove painting / ABS Plastic of Injection moulding  C.R.C. Sitel Finish with Powder Costing or stove painting / ABS Plastic of Injection moulding  C.R.C. Sitel Finish with Powder Costing or stove painting / ABS Plastic of Injection moulding  C.R.C. Sitel Finish with Powder Costing or stove painting / ABS Plastic of Injection moulding		Maximum Noise level whemn working at 1 meter distance in db	60		
Facility to ensure that In case Machine is runing and lid is opened with manual lock by user , machine shall stop  Maximum Timer Set range  Timer settings Provided  Timer settings Provided  Display  LCD  Speed Controller  Speed Controller  Speed Controller  Speed Controller  Angle Rotor  Rotor configuration  Rotor Feature with reference to Autoclavability  Autoclavable Rotor @ 121 Degree Celsus,  Maximum Volume of the tube testable  Vaccutainers  Power supply  Single phase, 230 V 50 HZ AC Source  Power concumption in watts  Length of the Medical Centrifuge in mm  350  Length of the Medical Centrifuge in mm  360  Length of the Medical Centrifuge in mm  360  Length of Power cord in meters  2  The Equipment shall be installed and demonstrated before Acceptance installation and demonstration and demonstration required and consignee can install)  Accessories  Warranty in Years  Lid Material of Medical Centrifuge  Lid Material of Medical Centrifuge  Brown Material of Medical Centrifuge  C.R.C. Steel Finish with Powder Coating or stove painting / ABS Plastic of rispection moulding parameters  Power Material of Medical Centrifuge  C.R.C. Steel Finish with Powder Coating or stove painting / ABS Plastic of rispection moulding  C.R.C. Steel Finish with Powder Coating or stove painting / ABS Plastic of rispection moulding  C.R.C. Steel Finish with Powder Coating or stove painting / ABS Plastic of rispection moulding			0 to 50 degree centigrade and Relative humidity 15 to 90%		
with manual lock by user, machine shall stop  Maximum Timer Set range  Timer settings Provided  Timer settings Provided  Interval of 10 secondsup to 1 minute and over 1 minute up to 60 minutes in interval of 1 minute  Display  LCD  Speed Controller  Speed Controller  Speed Controller  Andicroprocessor controlled pre programmed speed controller  Speed Controller  Rotor configuration  Angle Rotor  Rotor Feature with reference to Autoclavability  Autoclavable Rotor @ 121 Degree Celsus,  Maximum Volume of the tube testable  Vaccutainers  Rotor Size  16 Vaccutainers  Rotor Size  16 Vaccutainers  Power supply  Single phase, 230 V 50 HZ AC Source  250  Length of the Medical Centrifuge in mm  350  Width of the Medical Centrifuge in mm  365  Height of of the Medical Centrifuge in mm  350  Length of Power cord in meters  2  The Equipment shall be installed and demonstrated before  Acceptance installation and demonstration  Rotorsories  No(No installation and demonstration required and consignee can install)  Accessories  Marranty in Years  1  Assembly Material of Medical Centrifuge  Lid Material of Medical Centrifuge  Lid Material of Medical Centrifuge  C.R.C. Steel Finish with Powder Coating or stove painting / ABS Plastic of injection moulding  C.R.C. Steel Finish with Powder Coating or stove painting / ABS Plastic of injection moulding		Rotor imbalance diagnostics and automatic stop if required	Yes		
Performance Parameters  Display  LCD  Speed Controller  Microprocessor controlled pre programmed speed controller  Speed Controller  Angle Rotor  Angle Ro			Yes		
Performance Parameters  Display  LCD  Speed Controller  Speed Controller  Speed Control Accuracy in case of set speed (Plus minus RPM) 50  Rotor configuration  Rotor Feature with reference to Autoclavability  Autoclavable Rotor @ 121 Degree Celsus,  Maximum Volume of the tube testable  Vaccutainers  Rotor Size  16 Vaccutainers  Power supply  Single phase, 230 V 50 HZ AC Source  Power concumption in watts  Length of the Medical Centrifuge in mm  Width of the Medical Centrifuge in mm  Length of Power cord in meters  The Equipment shall be installed and demonstrated before Acceptance installation and demonstration  Accessories  Accessories  Assembly Material for manufacture of Medical Centrifuge  Lid Material of Medical Centrifuge  Body Material of Medical Centrifuge  Lid Material of Medical Centrifuge  Roty Material of Medical Centrifuge  C.R.C Steel Finish with Powder Coating or stove painting / ABS Plastic of injection moulding  C.R.C Steel Finish with Powder Coating or stove painting / ABS Plastic of injection moulding		Maximum Timer Set range	60 minutes		
Parameters    Display   LCD	Performance	Timer settings Provided	·		
Speed Control Accuracy in case of set speed (Plus minus RPM) 50 Rotor configuration Angle Rotor Rotor Feature with reference to Autoclavability Autoclavable Rotor @ 121 Degree Celsus,  Maximum Volume of the tube testable Vaccutainers Rotor Size 16 Vacuutainers Power supply Single phase, 230 V 50 HZ AC Source Power concumption in watts 250 Length of the Medical Centrifuge in mm 350 Width of the Medical Centrifuge in mm 350 Length of Power cord in meters 2 The Equipment shall be installed and demonstrated before Acceptance installation and demonstration Accessories Spanner to tight or loose Nut of Rotor on Motor shaft head puller, spare rotor nuts ,fuse-2, Instruction Manual Book, installation CD Warranty in Years 1  Material Assembly Material for manufacture of Medical Centrifuge C.R.C. Steel Finish with Powder Coating or stove painting / ABS Plastic of injection moulding C.R.C. Steel Finish with Powder Coating or stove painting / ABS Plastic of injection moulding		Display	LCD		
Rotor configuration Rotor Feature with reference to Autoclavability Autoclavable Rotor © 121 Degree Celsus,  Maximum Volume of the tube testable Vaccutainers Rotor Size 16 Vaccutainers Power supply Single phase, 230 V 50 HZ AC Source Power concumption in watts 250 Length of the Medical Centrifuge in mm 350 Width of the Medical Centrifuge in mm 365 Height of of the Medical Centrifuge in mm 350 Length of Power cord in meters 2 The Equipment shall be installed and demonstrated before Acceptance installation and demonstration Accessories Spanner to tight or loose Nut of Rotor on Motor shaft head puller, spare rotor nuts , fuse-2, Instruction Manual Book , installation CD Warranty in Years 1 Assembly Material for manufacture of Medical Centrifuge Consists of Die cast Aluminum, Aluminum sheet, Stainless Steel, CRC Steel Plastic and Rubber C.R.C. Steel Finish with Powder Coating or stove painting / ABS Plastic of injection moulding Rarameters Rody Material of Medical Centrifuge C.R.C. Steel Finish with Powder Coating or stove painting / ABS PLASTIC OF		Speed Controller	Microprocessor controlled pre programmed speed controller		
Rotor Feature with reference to Autoclavability  Autoclavable Rotor @ 121 Degree Celsus,  Maximum Volume of the tube testable  Vaccutainers  Rotor Size  16 Vacuutainers  Power supply  Single phase, 230 V 50 HZ AC Source  Power concumption in watts  250  Length of the Medical Centrifuge in mm  365  Height of of the Medical Centrifuge in mm  365  Height of of the Medical Centrifuge in mm  360  Length of Power cord in meters  2  The Equipment shall be installed and demonstrated before Acceptance installation and demonstration  Accessories  Spanner to tight or loose Nut of Rotor on Motor shaft head puller, spare rotor nuts, fuse-2, Instruction Manual Book, installation CD  Warranty in Years  1  Assembly Material for manufacture of Medical Centrifuge  C.R.C. Steel Finish with Powder Coating or stove painting / ABS Plastic of injection moulding  Roty Material of Medical Centrifuge  Body Material of Medical Centrifuge  C.R.C. Steel Finish with Powder Coating or stove painting / ABS Plastic Of injection moulding  C.R.C. Steel Finish with Powder Coating or stove painting / ABS Plastic Of injection moulding		Speed Control Accuracy in case of set speed (Plus minus RPM)	50		
Maximum Volume of the tube testable  Rotor Size  Rotor Size  Power supply  Single phase, 230 V 50 HZ AC Source  Power concumption in watts  250  Length of the Medical Centrifuge in mm  350  Width of the Medical Centrifuge in mm  365  Height of of the Medical Centrifuge in mm  350  Length of Power cord in meters  2  The Equipment shall be installed and demonstrated before Acceptance installation and demonstration  Accessories  Spanner to tight or loose Nut of Rotor on Motor shaft head puller, spare rotor nuts "fuse-2, Instruction Manual Book "installation CD  Warranty in Years  1  Assembly Material for manufacture of Medical Centrifuge  Lid Material of Medical Centrifuge  Material  Parameters  Roty Material of Medical Centrifuge  C.R.C. Steel Finish with Powder Coating or stove painting / ABS Plastic of injection moulding  C.R.C. Steel Finish with Powder Coating or stove painting / ABS Plastic of injection moulding		Rotor configuration	Angle Rotor		
Rotor Size  Power supply  Single phase, 230 V 50 HZ AC Source  Power concumption in watts  250  Length of the Medical Centrifuge in mm  350  Width of the Medical Centrifuge in mm  365  Height of of the Medical Centrifuge in mm  350  Length of Power cord in meters  2  The Equipment shall be installed and demonstrated before Acceptance installation and demonstration  Accessories  No(No installation and demonstration required and consignee can install)  Accessories  Spanner to tight or loose Nut of Rotor on Motor shaft head puller, spare rotor nuts, fuse-2, Instruction Manual Book, installation CD  Warranty in Years  1  Assembly Material for manufacture of Medical Centrifuge  Lid Material of Medical Centrifuge  C.R.C Steel Finish with Powder Coating or stove painting / ABS Plastic of injection moulding  C.R.C Steel Finish with Powder Coating or stove painting / ABS PLASTIC OF		Rotor Feature with reference to Autoclavability	Autoclavable Rotor @ 121 Degree Celsus,		
Power supply Single phase, 230 V 50 HZ AC Source  Power concumption in watts 250  Length of the Medical Centrifuge in mm 350 Width of the Medical Centrifuge in mm 365 Height of of the Medical Centrifuge in mm 350  Length of Power cord in meters 2 The Equipment shall be installed and demonstrated before Acceptance installation and demonstration Accessories Spanner to tight or loose Nut of Rotor on Motor shaft head puller, spare rotor nuts, fuse-2, Instruction Manual Book, installation CD  Warranty in Years 1  Assembly Material for manufacture of Medical Centrifuge Lid Material of Medical Centrifuge  Material Parameters  Body Material of Medical Centrifuge  C.R.C. Steel Finish with Powder Coating or stove painting / ABS Plastic of injection moulding  C.R.C. Steel Finish with Powder Coating or stove painting / ABS PLASTIC OF		Maximum Volume of the tube testable	Vaccutainers		
Power concumption in watts  250  Length of the Medical Centrifuge in mm  350  Width of the Medical Centrifuge in mm  365  Height of of the Medical Centrifuge in mm  350  Length of Power cord in meters  2  The Equipment shall be installed and demonstrated before Acceptance installation and demonstration  Accessories  Warranty in Years  Assembly Material for manufacture of Medical Centrifuge  Material  Parameters  Power concumption in watts  250  No(No installation and demonstration required and consignee can install)  Accessories  Consists of Die cast Aluminum, Aluminum sheet, Stainless Steel, CRC Steel, Plastic and Rubber  C.R.C Steel Finish with Powder Coating or stove painting / ABS Plastic of injection moulding  C.R.C Steel Finish with Powder Coating or stove painting / ABS PLASTIC OF		Rotor Size	16 Vacuutainers		
Length of the Medical Centrifuge in mm  350  Width of the Medical Centrifuge in mm  365  Height of of the Medical Centrifuge in mm  350  Length of Power cord in meters  2  The Equipment shall be installed and demonstrated before Acceptance installation and demonstration  Accessories  No(No installation and demonstration required and consignee can install)  Accessories  Spanner to tight or loose Nut of Rotor on Motor shaft head puller, spare rotor nuts, fuse-2, Instruction Manual Book, installation CD  Warranty in Years  1  Consists of Die cast Aluminum, Aluminum sheet, Stainless Steel, CRC Steel, Plastic and Rubber  Lid Material of Medical Centrifuge  Material  Parameters  Rody Material of Medical Centrifuge  C.R.C. Steel Finish with Powder Coating or stove painting / ABS PLASTIC OF		Power supply	Single phase, 230 V 50 HZ AC Source		
Width of the Medical Centrifuge in mm  Height of of the Medical Centrifuge in mm  Length of Power cord in meters  2  The Equipment shall be installed and demonstrated before Acceptance installation and demonstration  Accessories  No(No installation and demonstration required and consignee can install)  Accessories  Spanner to tight or loose Nut of Rotor on Motor shaft head puller, spare rotor nuts ,fuse-2, Instruction Manual Book ,installation CD  Warranty in Years  1  Consists of Die cast Aluminum, Aluminum sheet, Stainless Steel, CRC Steel, Plastic and Rubber  Lid Material of Medical Centrifuge  Material  Parameters  Body Material of Medical Centrifuge  C.R.C Steel Finish with Powder Coating or stove painting / ABS PLASTIC OF		Power concumption in watts	250		
Height of of the Medical Centrifuge in mm  Length of Power cord in meters  2  The Equipment shall be installed and demonstrated before Acceptance installation and demonstration  Accessories  Spanner to tight or loose Nut of Rotor on Motor shaft head puller, spare rotor nuts, fuse-2, Instruction Manual Book, installation CD  Warranty in Years  1  Assembly Material for manufacture of Medical Centrifuge  Lid Material of Medical Centrifuge  Material Parameters  Body Material of Medical Centrifuge  C.R.C Steel Finish with Powder Coating or stove painting / ABS PLASTIC OF		Length of the Medical Centrifuge in mm	350		
Length of Power cord in meters  2  The Equipment shall be installed and demonstrated before Acceptance installation and demonstration  Accessories  Spanner to tight or loose Nut of Rotor on Motor shaft head puller, spare rotor nuts ,fuse-2, Instruction Manual Book ,installation CD  Warranty in Years  1  Consists of Die cast Aluminum, Aluminum sheet, Stainless Steel, CRC Steel, Plastic and Rubber  Lid Material of Medical Centrifuge  Material Parameters  Body Material of Medical Centrifuge  C.R.C Steel Finish with Powder Coating or stove painting / ABS PLASTIC OF		Width of the Medical Centrifuge in mm	365		
The Equipment shall be installed and demonstrated before Acceptance installation and demonstration  No(No installation and demonstration required and consignee can install)  Spanner to tight or loose Nut of Rotor on Motor shaft head puller, spare rotor nuts ,fuse-2, Instruction Manual Book ,installation CD  Warranty in Years  1  Consists of Die cast Aluminum, Aluminum sheet, Stainless Steel, CRC Steel, Plastic and Rubber  Lid Material of Medical Centrifuge  Material Parameters  Body Material of Medical Centrifuge  C.R.C Steel Finish with Powder Coating or stove painting / ABS PLASTIC OF		Height of of the Medical Centrifuge in mm	350		
Acceptance installation and demonstration  Accessories  Spanner to tight or loose Nut of Rotor on Motor shaft head puller, spare rotor nuts ,fuse-2, Instruction Manual Book ,installation CD  Warranty in Years  1  Consists of Die cast Aluminum, Aluminum sheet, Stainless Steel, CRC Steel, Plastic and Rubber  Lid Material of Medical Centrifuge  Material  Parameters  Body Material of Medical Centrifuge  C.R.C Steel Finish with Powder Coating or stove painting / ABS PLASTIC OF		Length of Power cord in meters	2		
Accessories  nuts ,fuse-2, Instruction Manual Book ,installation CD  Warranty in Years  1  Consists of Die cast Aluminum, Aluminum sheet, Stainless Steel, CRC Steel, Plastic and Rubber  Lid Material of Medical Centrifuge  Material  Parameters  Body Material of Medical Centrifuge  C.R.C Steel Finish with Powder Coating or stove painting / ABS PLASTIC OF			No(No installation and demonstration required and consignee can install)		
Assembly Material for manufacture of Medical Centrifuge  Consists of Die cast Aluminum, Aluminum sheet, Stainless Steel, CRC Steel, Plastic and Rubber  Lid Material of Medical Centrifuge  Material Parameters  Body Material of Medical Centrifuge  Consists of Die cast Aluminum, Aluminum sheet, Stainless Steel, CRC Steel, Plastic and Rubber  C.R.C Steel Finish with Powder Coating or stove painting / ABS Plastic of injection moulding  C.R.C Steel Finish with Powder Coating or stove painting / ABS PLASTIC OF		Accessories			
Assembly Material for manufacture of Medical Centrifuge  Lid Material of Medical Centrifuge  Lid Material of Medical Centrifuge  Material  Parameters  Body Material of Medical Centrifuge  C.R.C Steel Finish with Powder Coating or stove painting / ABS Plastic of injection moulding  C.R.C Steel Finish with Powder Coating or stove painting / ABS PLASTIC OF		Warranty in Years	1		
Lid Material of Medical Centrifuge   injection moulding		Assembly Material for manufacture of Medical Centrifuge			
Parameters  C.R.C Steel Finish with Powder Coating or stove painting / ABS PLASTIC OF	Material	Lid Material of Medical Centrifuge			
		Body Material of Medical Centrifuge			

	Centrifuge Bowl material of Medical Centrifuge	304 Quality Stainless Steel Moulded		
	Material of Rotor	Aluminium,		
	ISO certification for Manufacturer	No		
Reports	Certification number and date , if no certificate provided put NA	ISO Certificate 910618, date 9/4/2018		
·	Copies of all certifications and reports to be provided to buyer on demand at time of supplies	Yes		

## **Terms and Conditions**

## 1. Special terms and conditions

## 1.1 1. Comprehensive warranty:

Comprehensive warranty shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares,. During the warranty period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six months. warranty shall not be including the consumables .Further there will be 98% uptime warranty during warranty period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend warranty period by double the downtime period.

#### 2. Service centres:

Details of Service outlets in India to render services for equipment to be furnished to buyer/consignees with complete address ,telephone numbers, e mails etc at time of making the supplies .It shall be the responsibility of seller to ensure that authorized service centres are available to cater to the areas where supplies are made within reasonable distance from where the service calls can be handled .Details of toll free numbers for service call and online registration of service requests also to be provided buyer/consignee at the time of supplies.

### 3. Source of supply:

It shall be responsibility of seller to provide Documents regarding source of equipments such as copy of Performa invoice or any other documents to establish that the products supplied are manufactured by OEM indicated and sourced from them.

4. Packing and Marking: Medical equipments being very delicate and sensitive packing for the goods should be strong and durable enough to withstand transit including transhipment (if any), rough handling, open storage etc. without any damage, deterioration etc. The size, weights and volumes of the packing cases, remoteness of the final destination of the goods, availability or otherwise of transport and handling facilities at all points during transit up to final destination,. Quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall take in to consideration the type of medical equipments being supplied. The accessories shall be suitably labelled and packed .Each of the package shall be marked on three sides with indelible paint of proper quality: indicating contract number and date, brief description of goods including quantity, Packing list reference number, country of origin of goods and any other relevant details.

## 5. Spare Parts:

Seller shall provide materials, information etc. pertaining to spare parts manufactured and supplied by the OEM. It shall be ensured that the required spares are available for purchase at least for 10 years from date of supplies. In case due to any reasons the production of the spare parts is discontinued sufficient advance notice should be given to the buyer/consignee before such discontinuation to provide adequate time to purchase the required spare parts etc. Further, OEM and their service centres/dealers shall carry sufficient inventories to assure ex-stock supply of consumables and spares for the equipments so that the same are available.

OEM or reseller shall always accord most favoured client status to the buyer/consignee and shall give the most competitive price for spares and consumables of its machines/equipments supplied

# 6. Installation, Training, Manuals:

Seller shall be responsible to carry out Installation & commissioning, Supervision and Demonstration of the goods. They shall provide required jigs and tools for assembly, minor civil works for the completion of the installation and Training of Consignee's representatives for operating and maintaining the equipment and Supplying required number of operation & maintenance manual for the goods. In case the category parameters are specifying any requirements regarding the installations, training and manuals the same shall also be applicable.

## 7. Electrical safety checking:

Sellers are required to make sure that they furnish the list of equipments for carrying out routine and preventive maintenance to buyer/consignee. They should make sure to periodically check the electrical safety aspects as per BIS Safety Standards or equivalent. In case they do not have required equipment for such testing should ensure that the equipments checked for electrical safety compliance through labs with facilities for such checking during every preventive maintenance call.

## 8. Software:

All software updates should be provided free of cost during warranty period.

## 2. General Terms and Conditions

- 2.1 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) as available on the GeM portal (unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable
- **2.2 Terms of delivery:** Free Delivery at Site including loading/unloading. In respect of items requiring installation and / or commissioning and other services in the scope of supply (as indicated in respective product category specification / STC / ATC), and the cost of the same is also included in the Contract price.
- 2.3 Delivery period: The Delivery Period/Time shall be essence of the Contract and delivery must be completed not later than such date(s). Any modification thereto shall be mutually agreed and incorporated in the Contract as per the provisions of the GTC.
- 2.4 Performance Security: If the Seller fails or neglects to observe or perform any of his obligations under the contract it shall be lawful for the Buyer to forfeit either in whole or in part, the Performance Security furnished by the Seller.
- 2.5 Taxes and Duties: Contract Prices are all inclusive i.e. including all taxes, duties, local levies / transportation / loading-unloading charges etc. Break up of GST shall be indicated by the Seller while raising invoice / bill on GeM. While submitting the bill / invoice Seller shall undertake that the Goods and Services Tax (GST) charged on this bill is not more than what is payable under the provision on the relevant Act or the Rules made there under and that the Goods on which GST has been charged have not been exempted under the GST Act or the Rules made there under and the charges on account of GST on these goods are correct under the provision of that Act or the rules made there under.
- 2.6 Octroi Duty and / or other local taxes: Contract Prices are all inclusive hence no reimbursement over and above the contract price(s) shall be allowed to seller towards payment of local taxes (such as levy of town duty, Octroi Duty, Terminal Tax and other levies of local bodies etc).
- 2.7 Limitation of Liability: The provisions of limitation of liability between Buyer and Seller as given in the GTC shall be applicable here.
- 2.8 Resolution of disputes: The provisions of DISPUTE RESOLUTION BETWEEN BUYER AND SELLER as given in the GTC shall be applicable here.
- 2.9 Liquidated Damages: If the Seller fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract, the Buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value without any controversy/dispute of any sort whatsoever. In case, Service Level Agreement (SLA) is applicable the same shall be applicable for the Contract.

## 2.10 Financial Certificate:

- 2.10.1 The expenditure involved for this purpose has received the Sanction of the competent financial authority.
- 2.10.2 The funds are available under the proper head in the sanction budget allotment for the concern financial year.
- 2.10.3 I have been fully authorized by the department to sign the supply order or incur the liability of the Goods being ordered.
- 2.11 The bidder should submit a self declaration to the effect in bidder's official letter head that their agency have not been black listed by any Agency whatsoever till date.

## 3. Additional Terms and conditions

3.1 Scope of supply (Bid price to include all cost components): Supply Installation Testing and Commissioning of Goods

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.