



RP ENGINEERING WORKS

Mfg. Blister & alu-alu Change Parts etc. (CNC Profile)
Plot No. 43, Sector – 7 Sidcul Haridwar (Uttarakhand) Mob. 997068290
E-mail: rpengworks33@rediffmail.com

Quotation No. – 22-23/Rp/135

Date : 01/12/2022

To,

**PARRISH PHARMACEUTICAL PVT. LTD.
PLOT NO.-50,SECTOR -8A,IIE,
SIDCUL HARIDWAR (UTTRAKHAND)
REF.: -Dr. Ravi Kant Ji. M.D.
MOB. : - 7417941192**

Sub: Pharma Machine Quotation.

**This has reference with your inquiry regarding your requirement . We are Pleased to submit
Techno- Commercial Offer Ref. No. – 22-23/Rp/135.**

**Please review the provided quotation and technical specifications and comment whenever
necessary. If asked , we would like to give brief technical details about any of the parts of above
mentioned product.**

**Feel free to contact us at any time for any clarification. We will look forward to maintain a long
term relationship with you and your company.**

Thank you,

**For, R P Engineering Works
Haridwar**

**(AUTHORISE PERSON)
R.K PATEL**

Mob. 9997068290



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SR. No.	MACHINERY NAME	QTY.	MACHINERY PRICE
01.	FULID BED DRAYER 120 KG. Product Specification Capacity 120 KG Material Stainless Steel Automation Grade Automatic Model Name/Number GMP-FBD-120 Batch Size 120 Kg Voltage 415 Product Description Fluid Bed Equipment (FBE) is specially designed unit for agglomeraion and simultaneous drying for top spray granulation conforming to the international quality norms and with all latest features incorporated. Built with a working pressure of 2 Bar at 80 degree C, the drying capabilities of our FBDs are enhanced by 18 - 20%, resulting in lesser drying time and uniform fluidization. Air Handling System is specially designed for evenly distribution of Heat to the material to be dried in order to supply the latent heat required for vaporization of the moisture. The fully automated system is designed to achieve robust formulation and stringent cGMP compliance. Features <ul style="list-style-type: none">FBE suitable for granulation and drying for accurate process parametersOnline charging from HSMG into FBE using vacuum. Inlet feed port with SS gas tight pneumatic actuated valve	01 NOS.	1215000.00

	<ul style="list-style-type: none"> • Closed loop discharged system from FBE into mill using pneumatic conveying systems • Temperature control with a $\pm 1^{\circ}\text{C}$ (process accuracy) • Humidity control over entire operating range $\pm 5\%$ (process accuracy) • Technical support in critical areas of validation at different levels of scaleup • Process accessibility for selection on critical parameters such as inlet air temperature in drying and product temperature in top spray granulation • Recipe storage for auto operation • System provides Alarm Log • Fully automated system for quality by design to correlate statistically • Specially designed system for light sensitive products • View port in filter housing and in expansion area of machine tower and product container • Unique wiring schematics and position numbers for devices • Inlet and exhaust system provided with a Quick acting safety valves (optional) valve to isolate the supporting ductwork and ancillary equipment should a deflagration in the machine tower occur • Tri level filtration in Inlet AHU using 10 micron for Pre Air filtration, 3 micron for Secondary Air filtration and 0.3 micron for Final Air filtration using HEPA (99.997 efficiency) • Humidification and dehumidification system to enable better control on RH (5% to 80%) • Double skinned SS 304 AHU with a built in Face and -- By Pass damper for $\pm 1^{\circ}\text{C}$ Temperature control • Specially designed anti-static anti sparking blower • High static high efficiency FLP blower installed • Completely Tool less AHU • Broken bag detector system to indicate broken bag fault with a provision for adjustable sensitivity • Filter bag unit with rapid doping control to avoid the personnel injury during the assembling and disassembling of filters • Food grade gaskets with test certificates • CE Certified • In-house pressure tested 2 Bar FBE • Control System compliant to GAMP 4/5 and 21 CFR Part 11 • 5 distinct levels for operation of control system 		
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	<ul style="list-style-type: none">• Alarm for interlocks and process abnormalities integrated with system, with acknowledgement for respective alarms by operating personal• Manual back-up system in case of PLC failure• Specially designed Conidur mesh for mechanism of Vortex formation ensuring uniform core drying• Twin shaking finger bag system (European make) to assist continuous fluidization and spraying• Option of providing SS multi layers sintered filter with integrated air cleaning mechanism• All filters provided with DP gauges with Integration with HMI for HEPA, Fine filter, Product container and Finger bag		
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TERMS & CONDITIONS

GST	GST EXTRA 18%.
DELIVERY PERIOD	15 TO 20 DAYS AFTER DATE OF P.O. & ADVANCE.
PAYMENT TERMS	100% ADVANCE PAYMENT.
INSTALLATION	FREE OF COST SINGLE VISIT.

COMPNY GSTIN REGISTRATION DETAILS

01.	LEGAL NAME	R P ENGINEERING WORKS
02.	TRADE NAME	R P ENGINEERING WORKS
03.	OFFICE	PLOT NO. -43,SEC-7 SIDCUL HARIDWAR (Uttarakhand)
04.	WORKING ADDRESS	PLOT NO. -43,SEC-7 SIDCUL HARIDWAR (Uttarakhand)
05.	GST NO.8	05DFKPK5717J1Z7

BANK DETAILS

01.	LEGAL NAME	R P ENGINEERING WORKS
02.	BANK NAME	PUNJAB NATIONAL BANK
03.	A/C NO.	6021002100002996
04.	IFSC	PUNB0129210
05.	BRANCH	SHIVALIK NAGAR HARIDWAR (U.K.)

