


Letter No. : IITK/CST/IME2016373/Chassis/1  
Date 28.04.2017 03.05.17  
To

Sealed Quotation is invited for the following items.

Item	Description	Quantity
BharatBenz 914R Truck	<ul style="list-style-type: none"><li>• Technical Specification document is attached with the tender and should strictly meet the specifications</li><li>• Only chassis with cabin is required</li></ul>	01

**Terms and conditions:**

1. Proposal should be sent by courier/registered post/speed post/hand delivery and IIT Kanpur will not be liable for any kind of irregularity/delay.
2. A properly sealed envelope addressed to Dr. Deepu Philip, Room No. 219, IME Department, IIT Kanpur invariably giving on the envelope reference of enquiry and due date of opening.
3. All quotation must reach undersign by 12.05.2017 up to 5:00 PM. Late tenders will not be accepted.
4. Quotation must be valid till 90 days and only specified brand should be quoted meeting the technical specifications.
5. Delivery period will be two (02) weeks from the receipt of the purchase order. Extension delivery period not allowed.
6. Minimum warranty period must be three years with unlimited kilometers.
7. Payment terms 90% against delivery, 10% after inspection and approval within another week.
8. The rate offer should be free delivery to IIT Kanpur (FOR) and current of taxes as other statutory levies must be mentioned. If items are imported then the firms should quote the price on F.O.B. basis.
9. Institute is exempted for payment of Excise Duty under notification No. 10/97 & partially @ 5.15% Custom Duty exemption certificate under notification 51/96 and road permit will be provided if applicable
10. The Penalty @ 1% per week or part thereof subject to a maximum of 10% of the delivery price will be deducted from the balance payment if supply is not completed within stipulated period
11. The Concessional Form 'C/D' has been abolished w.e.f. 01.04.2007.

  
Dr. Deepu Philip  
Room No. 219,  
IME Department, IIT Kanpur-208016

# BharatBenz 914R 4x2

## Technical Specifications

### Dimensions (mm)

Wheel Base	4250
Overall Length	7585
Overall Width	2210
Overall Height	2420
Minimum Ground Clearance	205
Load Body Length	5785 (19 ft.)

### Weight

Gross Vehicle Weight (GVW)	9600
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### Engine

kg	4D34i
Model	100kW (140 hp) @ 2500 rpm
Maximum Power	420 Nm @ 1500-2000 rpm
Maximum Torque	4 Nos, 3907 cc
No. of Cylinders, Displacement	BSIV
Emission Compliance	

### Transmission

Gearbox Model & Type	MO36- 6F+1R, Mechanical, Synchromesh gears
Clutch Type, Diameter	Single dry plate, Hydraulic actuated, 330 mm

### Axle

Front Axle Model, Type	IF 3.6, Reverse Elliot
Rear Axle Model, Type	AAM 7.14, Fully floating, Hypoid gears
Rear Axle Ratio	4.56

### Chassis Frame & Suspension

Chassis Type	Channel Section with cross member
Depth x Flange Width x Thickness	228 x 80x 6 (mm)
Front Suspension	Semi elliptic leaf spring with hydraulic shock absorbers
Rear Suspension	Semi elliptic laminated leaf spring
Anti-roll bar	Optional (Front & Rear)

### Brakes & Tyres

Service Brake	Pneumatic, Foot operated, Dual line
Parking Brake	Pneumatically operated hand control valve
Wheel Rims & Tyres	6.00 x 16, 8.25 x 16 - 16

### Steering & Cabin

PR	Hydraulic power assisted
Steering Type	Day Cabin, Tilttable
Cabin	

### Fuel Tank & Electrical

Fuel Tank	200 litres
Ad-blue tank	27 litres
Voltage	24V Electrical system
Battery Capacity	2 x 12 V, 75 Ah

### Performance

Maximum Gradeability	24.5%
Maximum Geared Speed	80 km/hr
Minimum Turning Circle Diameter	15.7 m

### Configuration

Standard	Cabin with Chassis
Load Body Option	Fixed Side Deck, High Side Deck, Drop Side Deck

  
03/05/17