

Specification No.: - VFJ/TSS/ SML 4WD 3365 RUN FLAT Dtd.28.11.2019

**I SCOPE:**

This specification pertains to supply of wheels Assembly with Run Flat system for SML Prestige 4WD (3365). This vehicle will have 4X4 wheel configuration with total weight of 10 tonnes. Wheel Assembly consists of wheel Rim, Tubeless Tyre, Run Flat System & Metallic valve Body. The approximate load on each wheel Assy. will be 2500 KG.

**II TECHNICAL DESCRIPTION FOR UNITS OF WHEEL ASSEMBLY WITH RUN FLAT SYSTEM:**

1) Wheel Rim:

Suitable Wheel Rim PCD 203.35mm, Studs size- M22x35(from rim), Bore Dia 145.33mm, min. load 2500 Kg and Rim thickness 14.365 mm. In case thickness is more, Supplier will provide assistance and required item for fitment of Run Flat System on exiting Axle fitted with above vehicle.

2) Tubeless Tyre:

Tubeless Tyre of size 11R22.5 suitable to all terrain and to the above wheel rim and of the reputed make. Load bearing capacity 2500 kg.

3) Run Flat System:

Run Flat System to withstand the load of 2500 kg Minimum to suit Rim and tyre.

4) Metallic Valve Body:

Standard Metallic Valve Body to suit on the wheel Rim with Run Flat System Fitted for filling of air for tubeless Tyre.

**III INSPECTION:**

Sr.GM/VFJ or his authorized representatives.

**IV TESTING PROCEDURE:**

The two wheel assemblies with Run Flats supplied as samples by the firm are to be fitted on one side of said vehicle. Two bullets to be fired from 7.62 SLR on each wheel from a distance of 10 meters at angle approximately ninety degrees to the wheel. After the tyre is completely deflated then the vehicle should run at a minimum speed of 40 kmph for a distance of minimum 40 km. If anyone sample does not meet this requirement, the sample will be considered not acceptable. Re-test will be done on fresh two numbers of samples supplied by the firm.

**ACCEPTANCE CRITERIA:**

1) The Run flat fitted on the wheel Rim should be intact after the trial is completed. In case, the tyre is not damaged and the run flat system cannot be seen then the correctness of the system should be ensured after removal of the tyre.

2) The sample shall be considered acceptable, if vehicle completes 40 kms. run satisfactorily as above without losing control of the vehicle and run flat system not getting dislocated from the Rim. If anyone sample fitted does not meet this requirement the sample shall be considered not acceptable.

3) Minimum one set consisting of two Run Flat System Assemblies out of every 100 nos. or part thereof for each consignment against supply order shall be subjected to testing as above. Firm has to provide free replacement of the quantity so consumed in the trials/testing. In case the Run Flat System Assemblies fails in the trials/testing, the whole lot will be rejected.

**WARRANTY:**

The Supplier should give a warrantee for the complete Assy. including all four items of Rim, Tubeless Tyre, Run Flat System and Metallic valve body for 30,000 kms. or three years whichever is earlier.

Manufacturer's test certificate for running performance is to be provided by the supplier.

**Note:**

1. Supplier has to submit the details of technical specification/leaflet/manual of their product along with quotation.
2. Supplier has to get the pilot / advance sample approved by VFJ before the bulk supply is made.
3. Firm Rep. can be involved during trial of sample, if so they desire.
4. Tender sample once submitted will be retained by VFJ whether accepted or rejected.
5. It is mandatory for the supplier to ensure that Make, Model Number, Batch Number, Month and Year of manufacture is embossed on the side wall of Run Flat. Tyre manufacturing date should not be older than 6 months at the time of supply.



**H.BHATNAGAR  
WORKS MANAGER  
FOR Sr.GENERAL MANAGER**