

48200ST006

SHOWER TEST OF BEML TATRA VEHICLES AND CLEARANCE

SCOPE OF WORK TO CARRY OUT SHOWER TEST OF BEML TATRA RR 6X6 BY VENDOR

1. To carryout shower test of BEML TATRA RR 6x6 equipment as per SI No 4 of this document.

2. GENERAL CONDITIONS.

- a) No tooling assistance will be provided by BEML, KGF
- b) No freight is involved as the firm has to execute the work at BEML KGF Complex.
- c) STATUTORY REQUIREMENT: Workmen compensation, Insurance, ESI, PF etc., if any should be fully covered for workmen assigned to carry out the job. All applicable safety appliances should be used by the workmen on duty and the same should be provided by vendor.
- d) BEML Ltd has the right to increase or decrease the order quantity at the same terms and conditions.
- e) Delivery schedule: Shower test should be carried out as per BEML schedule / requirements.
- f) Drawings: The Documents / drawings given to you are the property of BEML and shall be treated as "CONFIDENTIAL DOCUMENTS". The contents of the drawings shall not be parted to any outside firms, either in part or in full. In case these Drawings are used for any other purpose other than for which it is intended, vendors are liable for punitive action as per BEML rules.
- g) Any loss of items or damages caused by vendor to the parts / equipment issued from BEML, will be subjected to deduction of equivalent cost from the vendor.

3. TERMS AND CONDITIONS

FACILITIES AND MATERIALS PROVIDED BY BEML LTD

The following Facility & materials will be provided by BEML at the time of carrying out of the job.

- a) Silicon sealant.
- b) Shower test facility (In EMD / RC II).
- c) Electrical power, Water for carrying out the job.
- d) Place for keeping tools and accessories.
- e) Movement of BEML Tatra Equipment to & from shop to Shower test facility.

MANPOWER AND FACILITY TO BE ORGANISED BY THE VENDOR.

The following manpower and facilities are to be organized by the vendor at their cost.

- a) Necessary tools like Hand tools like markers, Sealant Applicator Gun for applying silicon sealant etc.
- b) Required number of Skilled manpower, Supervisor to be deployed to execute the assigned work catering to 2 shift on the basis of requirement. Adequate manpower to be deployed to work in Holiday's and Sundays also, based on requirement of BEML.

- c) One supervisor with good writing and communication skills must be deployed in each shift to maintain records of works to be carried out on priority given by BEML representative.
- d) Accommodation & Transportation required for workmen.
- e) Vendor should ensure that the water required for the Test Facility is available at all the time by operating the BEML pumping facilities in advance.

4. SCOPE OF WORK TO CARRY OUT SHOWER TEST OF THE BEML TATRA RR 6X6 VEHICLES BYVENDOR

- I. To carryout Shower test of BEML Tatra RR 6x6 Equipment by vendor.

PROCEDURE TO CARRY OUT SHOWER TEST.

- a) Ensure proper seating and fitment of Door beading.
 - b) Vehicle to be put in BEML shower test facility, Close the Side doors and top hatch properly, start water shower and check for 15 min for any water leak inside the cabin. No leakage of water inside the cabin is allowed within the test duration.
 - c) Any leaks noted to be marked with a non permanent marker.
 - d) Water leak through wind shield should be arrested by applying BEML supplied sealant with applicator gun.
 - e) Doors and Front bonnet inside leak to be arrested by water resistant tape or sealant.
 - f) Water leak through door to be arrested by re-adjusting door beading / by application as sealant as required.
 - g) After necessary corrections for arresting water leakages, equipment to be re-tested for water leakages by repeating the procedure as above.
- II. After testing and ensuring no water leakages in the Equipment Cabin Shower test to be offered to BEML Inspection (by conducting shower test).
 - III. After clearance from BEML Inspection for shower test, equipment to be offered to CQA / SQAE (Customer) for clearance (by conducting shower test).
 - IV. Tools used for removing or application of sealant (during rework) should be in good condition and acceptable by the BEML Inspection.
 - V. Care should be taken to ensure work carried out to arrest leak should not affect the aesthetics of cabin components.
 - VI. Necessary vehicle movement will be supported by BEML.

5. PRODUCTION RATE

Work to be completed and get quality clearance at the rate of minimum two vehicles per day of handover of the equipment. Vendor should ensure the availability of all necessary tools, accessories and materials to complete the job in stipulated time.

6. INDICATIVE MAN POWER APART FROM ONE SUPERVISOR:

- 1st Shift – Two Fitters
- 2nd Shift – Two Fitters