




Bharat Heavy Electricals Limited Bhopal

Centre for Electric Transportation

**Specification of 40 KVA DA Set for 8-Wheeler Kavach Mobile Maintenance Car (8W  
KMMC) / 8W AC-SPIC**

**Specification no. - CET/6.7/SP0036/T07 Rev. 01 Dt. 26.05.2026**

REV	DATE	PREPARED BY	CHECKED BY	APPROVED BY
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## **1. Introduction:**

This specification has been prepared for supply of 40 KVA DA Set for 8-Wheeler Kavach Mobile Maintenance Car (8W KMMC) / 8W AC-SPIC for operation on broad gauge (1676 mm) electrified routes of Indian Railways. The 8-Wheeler KMMC / 8W AC-SPIC is a self-propelled vehicle used for periodic inspection & patrolling. 40 KVA DA Set shall comply ICF Specification ICF/ELEC/163 (latest) and ICF spec. ICF/MD/SPEC -349 (latest).

## **2. Document submission:**

Supplier to furnish following documents along with offer:

- (i) The bidder shall give clause by clause compliance of BHEL specification and ICF Specification ICF/ELEC/163 (latest) along with the offer.
- (ii) ICF/RDSO Approval.
- (iii) GA drawing/schematic drawing.
- (iv) Test Schedule/QAP.
- (v) 2-year maintenance Spare parts list along with price. Spares price list will not be considered for bid evaluation.

## **3. Scope of supply :**

One set of 40 KVA DA Set shall comply to ICF Specification ICF/ELEC/163 (latest) along with installation and commissioning at PU and user Railway shed.

## **4. Installation & Commissioning:**

- (i) Supplier has to carry out installation and commissioning of 40 KVA DA Set for KMMC at Railway Production unit/ shed, on call from BHEL Bhopal.
- (ii) All tools, tackles, lifting and handling equipment including manpower for Installation and Commissioning shall be in supplier scope.
- (iii) Supplier shall depute manpower for site commissioning and Trial at Railway workshop/shed, as and when required.
- (iv) First fill of Lube oil shall be in the scope of supplier. Replacement of consumables, filters, lube oil and other items required during installation & commissioning at ICF/User railway site shall be in the scope of DA set Supplier.
- (v) The supplier shall complete installation and commissioning of 40 KVA DA set within 07 days from work allocation by BHEL.

## **5. Warranty:**

Warranty will be 42 months after the date of delivery of 40 KVA DA set with all accessories at BHEL Bhopal or 30 months from Installation and commissioning at IRPU/shed and completion of field trial at site/shed, whichever is later.

Note: Date of commissioning for warranty purpose shall be considered as the date of signing of commissioning report by the User Railway representative.

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