

NCRTC/CE(G)/WEC/88/Vol-VI/154

गति से प्रगति
Date: 01/04/2024

**WORK EXPERIENCE CERTIFICATE
(FOR COMPLETED WORKS)**

1	Name of Work	"Oscillation Trials and Emergency Braking Distance (EBD) analysis for RRTS project"	
2	Agreement No.	NCRTC/DM/P30/Testing/39	
3	LOA No. & Date	NCRTC/DM/P30/Testing/39 dated 17.01.2023	
4	Name of Contractor and registered address	M/s CETEST Centro de Ensayos y Análisis, CETEST, S.L. Lazkaibar s/n Beasain 20200 I Spain.	
5	Constitution of the firm	Company	
6	PAN No.	AAJFC3422D	
7	If Joint Venture/consortium /Partnership firm, % share of each member in JV/consortium/partnership	Not Applicable	
8	Original awarded contract Value	EUR 1,71,400.00	
9	Revised/Final Contract Value	EUR 1,71,400.00	
10	Date of commencement of Work	23.01.2023	
11	Scheduled date of completion (As per Contract)	Not Applicable	
12	Actual date of completion	27.09.2023	
13	If delay in execution on Contractor's request	No	
14	Liquidated Damages levied for delay, if any	None	
15	Scope of Work	<ol style="list-style-type: none"> 1. Execution of the dynamic behaviour tests on the RRTS Rolling Stock manufactured by ALSTOM for NCRTC. 2. To assess the dynamic performance of the vehicle based on UIC 518 and EN14363 standards methodology for safety, track loading and ride characteristics. 3. Ride Index Assessment as per Report ORE C116. 4. Details of Testing mentioned at Sl. No. 1,2 & 3 above: 	
		Duration of Testing	10.02.2023 to 04.03.2023
		Location of Testing	Delhi-Ghaziabad-Meerut RRTS Corridor India

		Maximum Test Speed	180 Kmph
		Testing Standard	UIC 518 and EN14363
		Method of Testing	The simplified measuring method was used for the dynamic performance assessment according to UIC518/EN14363. Additionally, both wheelsets of Bogie 11 (motor bogie, smallest load in empty conditions – critical for stability) were instrumented by M/s Cetest, to measure the wheel/rail contact forces. For this bogie, normal measuring method was used for the dynamic performance assessment.
		5. Data analysis and report generation on the basis of test results of Emergency Braking Distance (EBD), conducted by Rolling Stock Contractor (M/s Alstom). Details of testing:	
		Duration of Testing	03.03.2023 to 11.03.2023
		Location of Testing	Delhi-Ghaziabad-Meerut RRTS Corridor India
		Maximum Test Speed	160 Kmph
		Testing Standard	EN 13452-2
16	Overall performance of contractor	Excellent	

This certificate is issued on the request of M/s CETEST for Business development.


 11/4/2024
Prakash Singh
 Chief Engineer/General