



# दिल्ली मेट्रो रेल कॉर्पोरेशन लि० DELHI METRO RAIL CORPORATION LTD.

( भारत सरकार एवं दिल्ली सरकार का संयुक्त उपक्रम )  
( A JOINT VENTURE OF GOVERNMENT OF INDIA AND GOVT. OF DELHI )

डी.एम.आर.सी/20/II-186/2007/VII/8798

दिनांक - 29.01.2020

## WORK EXPERIENCE CERTIFICATE (For partially completed / ongoing works)

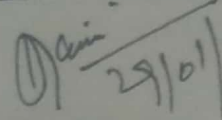
1	Name of Work & Contract No.	<b>Contract RS11</b> - Manufacture, Supply, Testing and Commissioning of 162 Broad gauge Cars with existing RS2 type trains		
2	LOA No. & Date	DMRC/134/11/Tender 'RS11', Dated 12.06.2015 (162 Cars base Order)		
3	Name of the Contractor & Address	Bombardier Transportation India Private Limited Hotel Holiday Inn, Business centre , Aero city, Delhi International Airport, New Delhi - 110 037, India		
4	Joint Venture/Consortium along with % share of each member	Bombardier Transportation India Private Limited - 100%		
5	Contract Value	EUR	SEK	INR
	1. Original Contract Value	43,721,028	140,078,152	10,325,746,537
	2. Revised/Final Contract Value	43,721,028	140,078,152	10,375,627,405
	3. Value of actually executed works [as on date of issue of certificate i.e. value paid till the last running bill/final bill]	42,835,534.56	137,276,588.96	10,257,327,631.20
6	Date of Commencement of work	LOA dt. 12th June 2015 / Contract Agreement dt 8th July 2015 (Date of Commissioning Oct 2016 to Feb-2018)		
7	Scheduled date of completion	16 <sup>th</sup> Feb-2018		
8	Actual date of completion	15 <sup>th</sup> Feb-2018		
9	If delay in Execution on contractor's Account	-		
10	Liquidated Damages levied for delay (indicate amount), if any	-		
11	Scope of the works Broad activities to be mentioned (e.g Tunnelling/Viaduct length, No. of stations each of length, Ramp length etc.)	Supply of 162 cars having specification as follows:- 1. Carbody Material: Stainless Steel 2. Operating Speed: 85 kmph 3. Propulsion system: 25 kV AC system with 3-phase propulsion equipment comprising of IGBT traction converter, IGBT Auxiliary Converter, Traction Motor (50% Motorization) 4. Bogie: Axle Load 17t, Broad gauge (1676 mm) 5. Other Characteristics: Regenerative Braking, Electrical Doors, HVAC, EP braking systems and TCMS		
12	Status of work along with overall % progress achieved till date	Financial Progress :- EUR- 97.97 % SEK- 98 % INR- 98.86 %		

Page 1/2

(मेट्रो भवन, फायर ब्रिगेड लेन, बाराखम्बा रोड, नई दिल्ली-110001)  
Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001

13 Overall Performance

1. Overall performance is satisfactory except the following open issues:
  - (a) Fitment of Aluminium panel in all RS11 162 cars
  - (b) Battery issues
  - (c) IGBTs failure issues
  - (d) Axle journal pitting/corrosion issue
  - (e) Oil leakage from axle bearing and transformer bushing
2. Pending obligations and technical open issues liabilities transferred from RS2, RS5 & RS7 contracts to RS11 contract.

 29/01/2020

(ओमवीर सिंह सैनी)

महाप्रबंधक / योजना

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