

No.:CO-CEG0GEN/7/2024-GENERAL/379/751

Date: 11.10.2024

**WORK EXPERIENCE CERTIFICATE
(FOR SUBSTANTIALLY COMPLETED/ONGOING WORKS)**

1	Name of Work	DM/ST/COR-OF/100, Package 24: Design, Supply, Installation, Testing and Commissioning of Signalling & Train Control, Platform Screen Doors and Telecommunication Systems for Delhi – Ghaziabad – Meerut RRTS Corridor of NCRTC.
2	Agreement No.	DM/ST/COR-OF/100 Agreement signed on 24 Feb 2021
3	LOA No. & Date	DM/ST/COR-OF/100 Dated 10 Dec 2020
4	Name of Contractor/Consultant and registered address	Consortium of M/s Alstom Transport India Limited and M/s Alstom Ferroviaria SPA. (herein referred as M/s ALSTOM) M/s Alstom Transport India Limited registered Office: Located at 66/2, III Floor, Embassy Prime, C.V. Raman Nagar, Bengaluru- 560075, Karnataka, India.
5	Constitution of the firm whether Proprietor, Partnership, LLP, Company, JV/Cosortium/Partnership	Unincorporated Consortium
6	PAN No.	AAJCA1167G
7	If Joint Venture/consortium/ Partnership firm, % share of each member in JV/consortium/ partnership	Consortium of M/s Alstom Transport India Limited (73.78%) and M/s Alstom Ferroviaria SPA (26.22%)
8	Original awarded contract Value	Eqv. INR 910,52,41,280 Consisting of (EURO 29,684,375.02 + USD 17,914,194.96 + INR 521,02,52,697.27)
9	Revised/Final Contract Value	----Same as above----
10	Value of actually executed work [as on 04/10/2024 (date of forwarding by CPM/HoD)]	Eqv. INR 555,28,00,709
11	Date of commencement of Work	24 Dec 2020
12	Scheduled date of completion (As per Contract)	01 Mar 2025
13	Extension of Time, if any	Extension of Time Provided for Intermediate Key Dates.
14	If delay in execution on Contractor's account	NIL
15	Liquidated Damages levied for delay, if any	N/A
16	Scope of work (Carried out till the date of issue of certificate) (Mention broad activities such as tunnelling length and method, no. of stations with length and method of construction, elevated viaduct length & construction method, ramp length,	Scope of work: - The Scope under this contract was for Design, Manufacture, Supply, Installation, Testing, and Commissioning of the:- • Signaling Systems :- ETCS Level 2, Hybrid Level 3 with ATO over LTE Network and PSD Integration.

	pile diameter and numbers, building area etc.)	<p>with Interoperability features. Signalling equipments includes proprietary ETCS/ERTMS signaling technology for Interlocking, Train Management System (TMS) and Train Control (RBC and Onboard).</p> <ul style="list-style-type: none"> • Telecommunication Systems :- DTS, CCTV, PIDS, PAS, MCS, ACIDS, CVRS, T SCADA, Telephone System, WIFI • LTE Network :- 5 MHZ 700 MHZ band, compliant to 3GPP Rel. 15, upgradable to further releases supporting Railway/Public safety features and ultimately compliant to the emerging Future Rail Mobile Communication Standard (FRMCS) • Platform Screen Doors:- Full height (5 Stations / 10 platforms) & Half platform (20 Stations/ 50 platforms) <p>Current Status :-</p> <ul style="list-style-type: none"> • Line Length :- 82 KM : 43 Km in revenue. • Stations :- 25 Nos : 9 Stations completed. • Project is being executed in 4 stages as below:- <ul style="list-style-type: none"> ○ Stage 1 : 18 km & 5 Stations : In revenue service since October 23 ○ Stage 2 : 25 km & 4 Stations : In revenue service since March 24 ○ Stage 3 : 18 km & 4 Stations and Stage 4: 21 km & 12 Stations : work is in progress. • No of Onboard Signaling Equipment: - 46 ONB [30 RRTS ,10 MRTS and 6 Maintenance vehicle] : 18 RRTS trains commissioned. • 2 Depot with complete Signaling, Telecom & LTE : 1 Depot commissioned. • 1 Operational Control Center (OCC) & 1 Backup Control Center (BCC) : 1 BCC commissioned. • 1 State of art lab for each sub-system and Training & Maintenance Simulator for Signaling work in progress. • ATO Design is in progress for all the stages.
17	<p>Status of Work (along with overall % physical and % financial progress achieved till date)</p>	<ul style="list-style-type: none"> • Financial Progress as on Date (aprox.) = 61% • Physical Progress as on Date (aprox.) = Substantially completed for Stage 1 & 2 as mentioned at Sr. No. 16. • For stage-3 & 4 work is in progress.
18	Overall performance of contractor	Satisfactory

This certificate is issued on the request of Consortium of (M/s Alstom Transport India Limited and M/s Alstom Ferroviaria SPA) for Business development.


 Signed by Chief Engineer/General For and on behalf of NCRTC