

20% DISCOUNT ON CURRENT FARE



#### இச்சலுகை

25 ஆகஸ்ட் 2017 முதல் 31 அக்டோபர் 2017 வரை மட்டுமே.

OFFER VALID TILL 25<sup>th</sup> AUGUST 2017 TO 31<sup>th</sup> OCTOBER 2017 ONLY.

ீநிபுந்தனைக்குட்பட்டது. \*Condition Apply

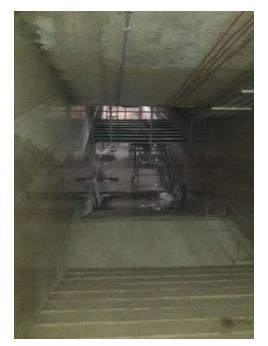
#### VOLUME 9

Sept 2017

# **NEWS LETTER**

## Underground Sections & Tunneling Work Progress as on 31.09.2017

Package	ТВМ	From	То	Tunnelling length in mtr	Completed in mtr	Percentage completed
UAA 01	TBM 1	Washermenpet Metro	Egmore Metro	4445	4445	100
	TBM 2	Washermenpet Metro	Egmore Metro	4445	4445	100
	TBM 3	May Day Park	Central Metro	2080	2080	100
UAA 02	TBM 1	May Day Park	AG-DMS	3616	3555	98.3
	TBM 2	May Day Park	AG-DMS	3616	2997	82.88
UAA 03		Saidapet Metro	AG-DMS	5736	5736	100
UAA 04		Egmore Metro	Shenoy Nagar	6776	6776	100
UAA 05		Shenoy Nagar	Thirumangalam	5594	5594	100
UAA 08	TBM 1	Washermenpet	Korukkupet	2000	1272	63.6
	TBM 2	Washermanpet	Korrukupet	2000	1665	83.25
			Total	40308	38565	95.68



சென்னை மெட்ரோ இரயில் நிறுவனம்

CHENNAI METRO RAIL LIMITED

விழாக்கால

அதிரடி தள்ளுபடி

SPECIAL OFFER

Tiling Work in progress at Egmore Metro Station



Work in progress at Saidapet Metro Station

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Thiru Pankaj Kumar Bansal, I.A.S.,

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**CHENNAI METRO RAIL LIMITED** 

# Major milestone in Phase 1 Extension underground tunneling works achieved with break-through of first TBM

On 24thSeptember 2017, the first of the two Tunnel Boring Machines, operated by M/s. Afcons Infrastructure Limited, makes breakthrough at the cut-and-cover retrieval shaft at Korukkupet had completed its drive from Washermenpet to Korukkupet as part of Phase 1 Extension's underground section covering a total of 1.8 km-long drive.

During the drive since its launch at Washermenpet, the Herrenknecht TBM has travelled beneath the Railway tracks at Washermenpet with active rail traffic till date in addition to crossing under 480 buildings of mixed developments and 310 numbers of wells/borewells of which 10 were open wells. The TBM was driven through the Theagaraya Underground station box of Phase 1 Extension of the Chennai Metro Rail Project. Intensive instrumentation and monitoring was undertaken by the contractor during the tunnel progress to maintain the structural integrity of existing buildings.

It is a major milestone in the tunneling works with the TBM progressing at an average rate of around 11m per day including interventions from the day it was launched at Washermenpet in April this year. This is significant since it is one of the highest average rates achieved by TBMs operated in Chennai till date. The works in this contract commenced in July 2016 with the presence of the Hon'ble Chief Minister of Tamil Nadu at ground breaking.

The second TBM is also following closely and shall be ready for break-through after completing the balance length of around 465m of tunnel drive. 2636 numbers of precast tunnel lining segments required for the TBM drive had been casted at the state-of-theart casting yard facility installed at Parivakkam for this purpose.

From here onward, the works to get the TBM out, cover up the shaft, complete cross passage works, clean up the tunnel and handover to the interfacing contractor of UAA-09 contractie., M/s.ITNL-KMBJV who will complete the works of stations, complete architectural detailing, and allow for laying track, installation of all critical electrical-signalling-telecommunication systems for proceeding to conduct trials, obtain necessary approvals and commence commercial operations. The works of elevated corridor of Phase 1 Extension is also on-going.



The Phase-1 Extension will seamlessly integrate with the Phase 1 Corridor 1 thereby introducing direct connectivity from Wimco Nagar to Chennai Air Port once all the works in elevated and the underground portions of the Phase 1 Extension corridor are completed.

### Self Learning - Achievement



As a part of self-learning and upgrading the professional skills towards gaining more knowledge and contribution towards higher achievement of organisation goals, WgCdr D GURUNATH REDDY, Additional General Manager (Contract Management) has with his own initiative and interest applied for the massive

online study programme of public procurement and contract management conduct by the world bank. The two certificates received by him is a mark of achievement, distinction and outstanding dedication for demonstrating higher learning abilities.

CMRL wishes and congratulates WgCdr D GURUNATH REDDY Additional General Manager - Contract Management for his accomplishment and I am sure he will be a source of inspiration & motivation for all others of CMRL to follow.

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