



NEWS LETTER

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CMRL successfully installed and commissioned another 350 KWp Roof Top Solar PV Power System

"Power saved is Power earned"

CMRL being very much committed to achieving energy security, to reduce carbon emission & Green energy concept by generating renewable energy by installing Roof Top Solar PV Power System in different premises of Roof Top area in sheds of Metro Rail Depot situated at Koyambedu, Elevated and Under Ground Metro Stations. Already 1 MW of solar power plant has already been installed at Depot and 125 KW has been installed at Admin Car Parking at Koyambedu.



CMRL successfully installed and commissioned another 350 KWp Roof Top Solar PV Power System in Metro Rail depot shed at Koyambedu, which is expected to generate around 45,000 units per month and 5.00 Lakhs units per year and save around Rs. 19.50 lakhs per year. CMRL already generates Solar Power around 1.35 lakhs units per month that saves around Rs. 21.6 Lakhs per year.

This method of Generated Solar Power will be utilized for technical demands. Now the installed capacity of Roof Top Solar Power by CMRL is 1.5 MW in total. Another 6.0 MW Roof Top Solar Power installation is under progress and is expected to be completed by the end of this year 2018.

Last Mile Connectivity - Feeder service through Share Taxi System and Share Auto – Total number of passengers utilized

As part of providing last mile connectivity to Metro Rail passengers, CMRL had taken an initiative of providing Feeder services through Share auto and Share Taxi services at selected Metro Stations on trial basis for a period of six months from 11.08.2018. Eight Metro Stations were identified for Share Auto Feeder service. The Share Auto Feeder services are running on the designated feeder routes with a flat tariff of Rs.10. Similarly, the Share Taxi Feeder services are planned for five selected Metro Stations.

The Share Taxi Feeder services are covering an area up to 3 Km radius with a flat tariff of Rs.15. So far a total of 2364 passengers have utilized the Share Taxi services and a total of 16,163 no's of passengers have utilized the Share Auto Services from 11.08.2018 to 31.08.2018.

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Metro Rail Commuters Amenities at Shenoy Nagar Metro Station

"It doesn't gets better by chance, it gets better by change"

Thiru vi ka Park, served as an urban park to nearby residents. The existing Shenoy Nagar Metro Station, lies at the underground of park, bifurcates park into 2 halves. It is proposed to develop an underground Commuter Amenities Centre on either sides of existing Shenoy Nagar Station.

The current proposal of Commuter amenity center is to give its neighborhood its vertebrate back by recreating the Park. It is proposed to develop the Underground Passenger Amenities Centre with Basement 1 and Basement 2 on the East and West side of the existing Shenoy Nagar station.

The concept of park redevelopment is to recreate the park by providing its neighborhood its vertebrate back, which is done through proper planning of different spaces, zones and activities provided within the street level/park. Most of the existing trees would be preserved, restored and transplanted in the park at appropriate locations.

The facilities which were present at the park earlier includes fountain, jogging track, children play area and much more. The same would be restored with enhancement. Landscape lawns are provided at the street levels with deep rooted tree saplings along the periphery of the park.

In addition, Miyawaki Concept Forest is planned at the four corners of the park. by grouping of various indigenous species of plants together. Basement 1 serves as parking level with two wheelers and four wheelers parking zones separately. Basement 1 is naturally lit by the light well tubes provided in the street level.

The parking in the Basement 1 is addressed as a one-way movement by providing one ramp for entry and the other for exit, with a dedicated drop off zone. 856 two wheelers and 416 four wheelers are proposed. Basement 2 serves commuters' amenity area, which includes retail areas and food court.

The services for the basement floors are provided in the respective levels. The park will act as a focal element drawing in visitors of all the age groups. Space planning is done such that the street level is divided into various zones addressing all age groups such as kids, teens, office goers, elderly people, etc., by providing different types of activities such as Children's playground, public gathering space, open air theater, play courts

such as basketball & badminton court, yoga & meditation areas, jogging tracks, etc. Wall arts, murals/landscape elements at various zones are proposed.

The buildings are naturally lit and ventilated all around by provision of light wells that travel from the ground level to the 2nd Basement Level. These light wells are integrated with the landscape areas and gives way for natural light at the basement level. External yard hydrants are provided at the park at 30m radius to address fire disasters. Horizontal circulation is addressed by separate entry/exits for park visitors, people using metro, mall visitors etc and vertical circulation by staircase, lifts and escalators from street to Basement Levels.

The park shall serve as a breathing space amidst the concrete jungle. The park would be designed as a Thematic park with creation of an ecofriendly environment, climatic responsive, use of innovative technologies and making it suitable for differently-abled. The park will serve as the identity and add value to the local residents.





Chennai Metro Rail Station Management-Imported Machinery from Germany

"The Science of today is the Technology of tomorrow"

As a part of Station Management measures, CMRL is introducing latest technology cleaning machineries from Germany. These machines will be used for cleaning and maintenance of Metro rail Stations which has cleaning of different types of floor,

passenger amenities (Lifts & Escalators), Glass windows and rooms ,etc. Special Ride-on cleaning machines, high Pressure water jet cleaning machines wet/dry vacuum cleaners are some among them.

Apart from cleaning machineries, Composite machines are also planned to be used which converts station wastes (De-Gradable) in to usable manures. For this purpose, special Twin Bins (dustbins) marked with degradable and Non-degradable stickers are to be placed in each level of the stations. The waste collected will be segregated and moved to a location where a composite machine will process the wastes and convert them in to manures. This manure will be used in CMRL station gardens and greeneries as a natural fertilizer. This initiative for clean and improved environment is taken by the CMRL.

To monitor and validate the station management process mentioned above, a Special Mobile application is introduced. Cleaning and Maintenance of each station can be monitored and validated by the CMRL officials on real time by data uploaded by each staffs for their respective works as per schedule.

Revised Time Table - Metro Rail Operations

TIME TABLE DETAILS							
WEEKDAYS (MONDAY TO SATURDAY)							
CORRIDOR - 1 (BLUE LINE)							
AG-DMS TO AIRPORT							
Departure Time of first train		Departure Time of Last train		Headway			
@AIRPORT : 0601 Hrs		@AIRPORT : 2207Hrs		14 mins			
@AG-DMS : 0559 Hrs		@AG-DMS : 2205Hrs					
NON PEAK HOURS TIMINGS				PEAK HOURS TIMINGS			
FROM	TO	DIRECTION	HEADWAY	FROM	TO	DIRECTION	HEADWAY
0559	0847	AG-DMS TO AIRPORT	14 MINS	0852	1107	AG-DMS TO AIRPORT	~ 7 MINS
1121	1725			1730	2109		
2123	2205			-	-		
0601	0821	AIRPORT TO	14 MINS	0824	1041	AIRPORT TO	~ 7 MINS
1055	1659			1702	2043		
2057	2207	AG-DMS		-	-	AG-DMS	
INTER-CORRIDOR							
CHENNAI CENTRAL TO AIRPORT							
Departure Time of first train		Departure Time of Last train		Headway			
@CHENNAI CENTRAL : 0547 Hrs		@CHENNAI CENTRAL : 2207 Hrs		14 mins			
@AIRPORT : 0556 Hrs		@AIRPORT : 2202 Hrs					
CORRIDOR - 2 (GREEN LINE)							
CHENNAI CENTRAL TO ST. THOMAS MOUNT							
Departure Time of first train		Departure Time of Last train		Headway			
@CHENNAI CENTRAL : 0552 Hrs		@CHENNAI CENTRAL : 2158Hrs		14 mins			
@ST.THOMAS MOUNT : 0552 Hrs		@ST.THOMAS MOUNT : 2158Hrs					
NOTE: 7 mins headway is evenly maintained between Central - Alandur - Central							

Letter of Appreciation

Chennai Metro Rail Limited recently invited International competitive bid (ICB) for Detailed Design Consultancy Tenders for priority of Phase -II in Corridor 3& 5 to kick start the designs development works for civil, structural, architectural, MEP, TVS,VAC & Tracks.

In this connection, the following officers of CMRL have been awarded a letter of appreciation for the tremendous volume of works which were accomplished in the past few months for tendering including preparation of tender schedules, estimates, scope of works, pricing schedules, conditions of contract, tender drawings, response to pre-bid queries, addendums etc.

- Thiru D. Gurunath Reddy, Addl. GM (CM)
- Thiru R.M.V.M.S.S.Rajashekharan, Manager (Design)
- Thiru Vignesh R, DM (UG-2)
- Tmt. E. Brigita, DM(UG-1)
- Thiru Gautam Bhardwaj, Deputy Manager (Architect)
- Thiru Ajay Kumar, Site engineer (Civil)



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