



# दिल्ली मेट्रो रेल कॉर्पोरेशन लि 0

## DELHI METRO RAIL CORPORATION LTD.

( भारत सरकार एवं दिल्ली सरकार का संयुक्त उपक्रम )

(A JOINT VENTURE OF GOVERNMENT OF INDIA AND GOVT. OF DELHI)

७०३-७०४ पवई प्लाज़ा, सेंट्रल एवेन्यू रोड, हिरानंदानी गार्डन, पवई, मुंबई - ४०० ०७६

703-704, Powai Plaza, Central Avenue Road, Hiranandani Garden, Powai, Mumbai - 400 076

DMRC/GM/C/L-6/Mumbai/RTI/Vol-3 / 1289

Date: 02.08.2019

To,

✓ Shri karim Ansari,  
3-4-142/6, Barkatpura,  
Hyderabad-500027

**Sub:** RTI application of Shri Karim Ansari dated 05.07.2019 received in this office on 30.07.2019

**Ref:** MPIU/ML 6/RTI/2019/420 dated: 29.07.2019

Point wise reply to raise RTI query is listed below:

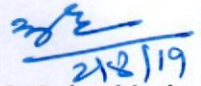
Sr. No.	Item	Description
1)	Details of target date of completion of Metro Line-6 project.	15.03.2022
2)	Details of agency/contractor executing the construction work along JVLR and Powai Lake metro station.	a) From JVLR to Mahakali metro station: J.Kumar-CRTG(JV)(Contract Package BC-03) b) From Mahakali metro station to Powai Lake metro station: MBZ-EIIL(JV)(Contract Package BC-02R)
3)	Details of the work completed till date.(in terms of percentage of total work completed)	5%

30/08/2019

4)	Is there any fine that will be imposed on the contractor for non completion of project in the stipulated time.If so what will be the fine	<p>Yes there is a provision of fine in the contract agreement on the contractor for non-completion of project in the stipulated time. The details of the same is enclosed as Annexure-1(Contract Package BC-03) and Annexure-2(Contract Package BC-02R)</p> <p>Address of DMRC Site office of Mumbai Metro Line-6.  <b>Office of General Manager Civil, Mumbai</b>  <b>703,704- Powai Plaza, Central Avenue Road,</b>  <b>Powai, Mumbai-400076.</b></p>
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Thanking You,

Yours faithfully,

  
21/2/19

(A.S. Salunkhe)

General Manager/Civil

**Copy to: Surendra Shewale, Public Information Officer, Metro – PIU, 6<sup>th</sup> floor, B-wing, MMRDA Building (Old), Bandra-Kurla Complex, Bandra (E)., MUMBAI – 400 058**



## ANNEXURE - 1

DMRC/MU/LINE-6/BC/03 : Part design and construction of viaduct and 5 elevated stations viz. Swami Samarth Nagar, Adarsh Nagar, Jogeshwari(W), JVL R and Shyam Nagar (excluding Architectural finishing and Pre-engineered steel roof structure of Stations) from chainage-822.508m (Dead End) to 5257.400 m of Metro Corridor (Line - 6) of Mumbai Metro Rail Project.

### EMPLOYER'S REQUIREMENTS

#### APPENDIX 2B

The Contractor shall prepare and submit his detailed Programme of Work so as to achieve key dates of various activities on time. The Contractor shall complete the work in a phased manner by fixing priorities to different stretches of work to give access to the other interfacing contractors as per the requirement of project from time to time and as per the key dates (mile stones) indicated below:

##### (i) FOR VIADUCT

Key Dates	Time to achieve (in weeks from date of commencement)	Description of Stage	Liquidity Damages for non achieving the key dates
Key Date 1	4	Submission of construction programme & establishing site office.	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 2	9	Commissioning of 1 <sup>st</sup> Batching Plant (production of 1 <sup>st</sup> batch of concrete)	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 3	13	Completion of 1 <sup>st</sup> Formwork of U-girder production line for Engineer's approval	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 4	15	Commissioning of 2 <sup>nd</sup> Batching Plant	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 5	17	Completion of 1 <sup>st</sup> working pile	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 6	18	Casting of 1 <sup>st</sup> U-girder segment	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 7	20	Casting of 1 <sup>st</sup> I-girder segment	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 8	24	Soil Investigation (80%)	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 9	26	Start of launching of U-girder segments	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 10	30	Start of launching of I-girder segments	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 11	32	Utility identification (70%) along with Barricades	0.01% of price quoted in schedule 'A' per week of delay for the key date



DMRC/MU/LINE-6/BC/03 : Part design and construction of viaduct and 5 elevated stations viz. Swami Samarth Nagar, Adarsh Nagar, Jogeshwari(W), JVLR and Shyam Nagar (excluding Architectural finishing and Pre-engineered steel roof structure of Stations) from chainage-822.508m (Dead End) to 5257.400 m of Metro Corridor (Line – 6) of Mumbai Metro Rail Project.

Key Date 12	52	Completion of 70% piles	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 13	70	Completion of 70% piers	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 14	80	Partial access of the viaduct (minimum 1.75 km in one stretch) for laying of track	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 15	100	Full access of the viaduct, Road Flyover including G.I. hangers for laying cables	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 16 (Taking over Date)	30 months	Completion of Entire Work as per the Contract	0.01% of price quoted in schedule 'A' per week of delay for the key date

**(ii) FOR STATIONS**

Key Dates	Time to achieve (in weeks from date of commencement)	Description of Stage	Liquidity Damages for non-achieving the key dates
Key Date 1	74	Partial Access to E&M Contractor	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 2		Completion of Operational rooms i.e. Signaling room, Telecommunication room, Station Control room, ASS, and UPS Room	
Key Date 2.1	80	for any two stations	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 2.2	84	For next two stations	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 2.3	90	for the last station	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 3		Completion of TOM room & flooring with required cut-outs for raceways for fixing AFC	

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Key Date 3.1	94	for any two stations	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 3.2	98	For next two stations	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 3.3	102	for the last station	0.01% of price quoted in schedule 'A' per week of delay for the key date.
Key Date 4		Completion of lift shaft & Escalator pit	
Key Date 4.1	90	for any two stations	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 4.2	98	For next two stations	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 4.3	104	for the last station	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 5		Completion of UG Tank, Pump & Generator Room	
Key Date 5.1	82	for any two stations	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 5.2	88	For next two stations	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 5.3	94	for the last station	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 6		Track supporting structure including track bed in station area.	
Key Date 6.1	80	for any two stations area.	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 6.2	84	For next two stations	0.01% of price quoted in schedule 'A' per week of delay for the key date

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Key Date 6.3	90	for the last station	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 7 (taking over date)	30 months	Completion of entire works as per the Contract	0.01% of price quoted in schedule 'A' per week of delay for the key date

Note- 1- For each room or area, the civil contractor shall finalize with respective designated system contractors the level of finishes required to be completed before the room/area is acceptable to the respective system contractor and the key date will be considered achieved only when the room/area is completed as per the requirement. The requirement finalized with system contractor duly signed by them shall be submitted to Engineer at least two months before the respective key dates.

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## ANNEXURE-2

DMRC/MU/LINE-6/BC/02R : "Part design and construction of viaduct and 5 elevated stations viz., Maha Kali Caves, SEEPZ Village, Saki Vihar Road, Rambaug & Powai Lake (excluding Architectural finishing and Pre-engineered steel roof structure of Stations) from chainage 5257.40 M to 9586.50 m of Swami Samarth Nagar -JVL R - SEEPZ - Kanjur Marg(W) - Vikhroli (EEH) Metro Corridor (Line 6) of Mumbai Metro Rail Project."

### EMPLOYER'S REQUIREMENTS

#### APPENDIX 2B

The Contractor shall prepare and submit his detailed Programme of Work so as to achieve key dates of various activities on time. The Contractor shall complete the work in a phased manner by fixing priorities to different stretches of work to give access to the other interfacing contractors as per the requirement of project from time to time and as per the key dates (mile stones) indicated below:

#### (i) FOR VIADUCT, ENTRY/EXIT AND RAMP

Key Dates	Time to achieve (in weeks from date of commencement)	Description of Stage	Liquidity Damages for non achieving the key dates
Key Date 1	4	Submission of construction programme & establishing site office.	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 2	9	Commissioning of 1st Batching Plant (production of 1st batch of concrete)	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 3	13	Completion of 1 <sup>st</sup> Formwork of U-girder production line for Engineer's approval	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 4	15	Commissioning of 2 <sup>nd</sup> Batching Plant	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 5	17	Completion of 1 <sup>st</sup> working pile	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 6	18	Casting of 1 <sup>st</sup> U-girder segment	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 7	24	Soil Investigation (80%)	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 8	26	Start of launching of U-girder segments	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 9	32	Utility identification (70%) along with Barricades	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 10	52	Completion of 70% piles	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 11	70	Completion of 70% piers	0.01% of price quoted in schedule 'A' per week of delay for the key date

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DMRC/MU/LINE-6/BC/02R : "Part design and construction of viaduct and 5 elevated stations viz., Maha Kali Caves, SEEPZ Village, Saki Vihar Road, Rambaug & Powai Lake (excluding Architectural finishing and Pre-engineered steel roof structure of Stations) from chainage 5257.40 M to 9586.50 m of Swami Samarth Nagar –JVL R – SEEPZ - Kanjur Marg(W) – Vikhroli (EEH) Metro Corridor (Line 6) of Mumbai Metro Rail Project."

Key Date 12	80	Partial access of the viaduct (minimum 1.75 km in one stretch) for laying of track	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 13	100	Full access of the viaduct, including G.I. hangers for laying cables	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 14 (Taking over Date)	30 months	Completion of Entire Work as per the Contract	0.01% of price quoted in schedule 'A' per week of delay for the key date

**(ii) FOR STATIONS**

Key Dates	Time to achieve (in weeks from date of commencement)	Description of Stage	Liquidity Damages for non-achieving the key dates
Key Date 1	74	Partial Access to E&M Contractor	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 2		Completion of Operational rooms i.e. Signaling room, Telecommunication room, Station Control room, ASS, and UPS Room	
Key Date 2.1	80	for any two stations	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 2.2	84	For next two stations	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 2.3	90	for the last station	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 3		Completion of TOM room & flooring with required cutting for raceways for fixing AFC	
Key Date 3.1	94	for any two stations	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 3.2	98	For next two stations	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 3.3	102	for the last station	0.01% of price quoted in schedule 'A' per week of delay for the key date



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Key Date 4		Completion of lift shaft & Escalator pit	
Key Date 4.1	90	for any two stations	0.01% of price quoted in schedule 'A' per week of delay for the key date
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Key Date 6.3	90	for the last station	0.01% of price quoted in schedule 'A' per week of delay for the key date
Key Date 7 (taking over date)	30 months	Completion of entire works as per the Contract	0.01% of price quoted in schedule 'A' per week of delay for the key date

Note- 1- For each room or area, the civil contractor shall finalize with respective designated system contractors the level of finishes required to be completed before the room/area is acceptable to the respective system contractor and the key date will be considered achieved only when the room/area is completed as per the requirement. The requirement finalized with system contractor duly signed by them shall be submitted to Engineer at least two months before the respective key dates.