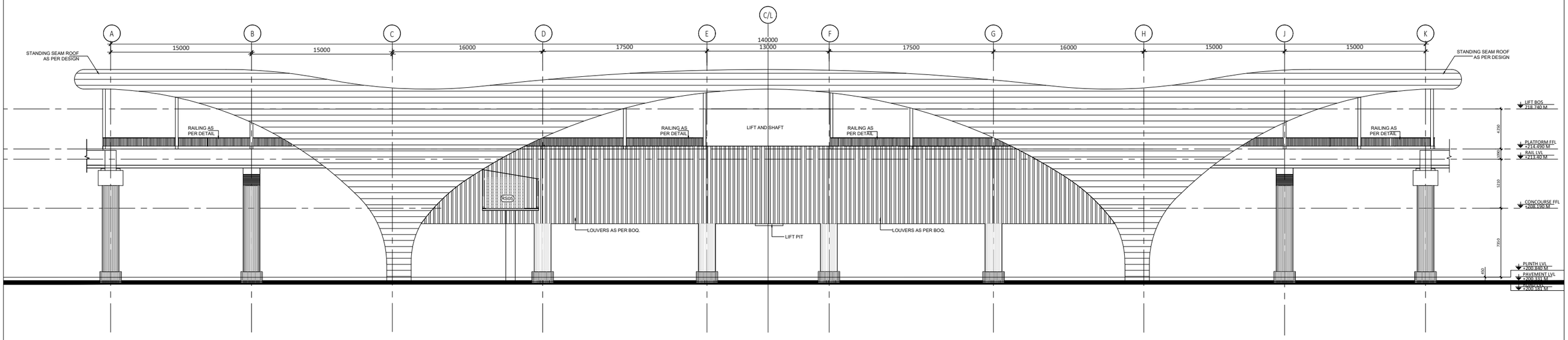
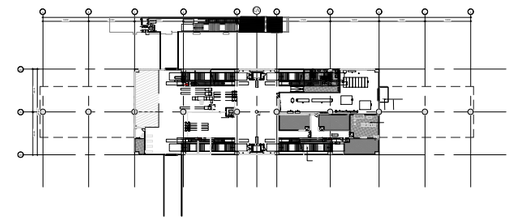


1 LONG ELEVATION -1

Scale: 1:200



1
12001

02 KEY PLAN

SCALE - 1000

SPECIAL NOTES:
ALL THE DIMENSIONS OF STRUCTURAL ELEMENTS ARE INDICATIVE.
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LEGEND	
	200 MM PRECAST CC SOLID BLOCK
	RCC COLUMNS/ MULLIONS
	PARAPET / TOE WALL
	FILLED FLOOR / RAISED FLOOR

REVISION LOG-R1
DRAWINGS REVISWED AS PER RECIEVED COMMENTS FROM CLIENT VIA MAIL DATEDT ON -08-04-2026

TENDER DESIGN

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REFERENCE DRAWINGS

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REVISIONS

REV.	DESCRIPTION	DATE	DRAWN BY	CHECKED. BY
R1	REVISED AS PER REVISION LOG	21-04-2026	SS	ST
R0	FIRST ISSUE	27-03-2026	SS	ST

APPROVAL OF NMRC OFFICIALS

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Authorised Signatory for DDC.
NGNEDDC Project Manager

Architecture	Structure	E&M
Design In-charge/ Coordinator	Design In-charge/ Coordinator	Design In-charge/ Coordinator

DETAIL DESIGN CONSULTANT :

Ayesa India Private Limited
D 99, 3rd Floor, Sector 2, Noida -201301,Gautam Budh Nagar, Uttar Pradesh
Tel.: +(91) 120 490 8800, Email: delhi@ayesa.com

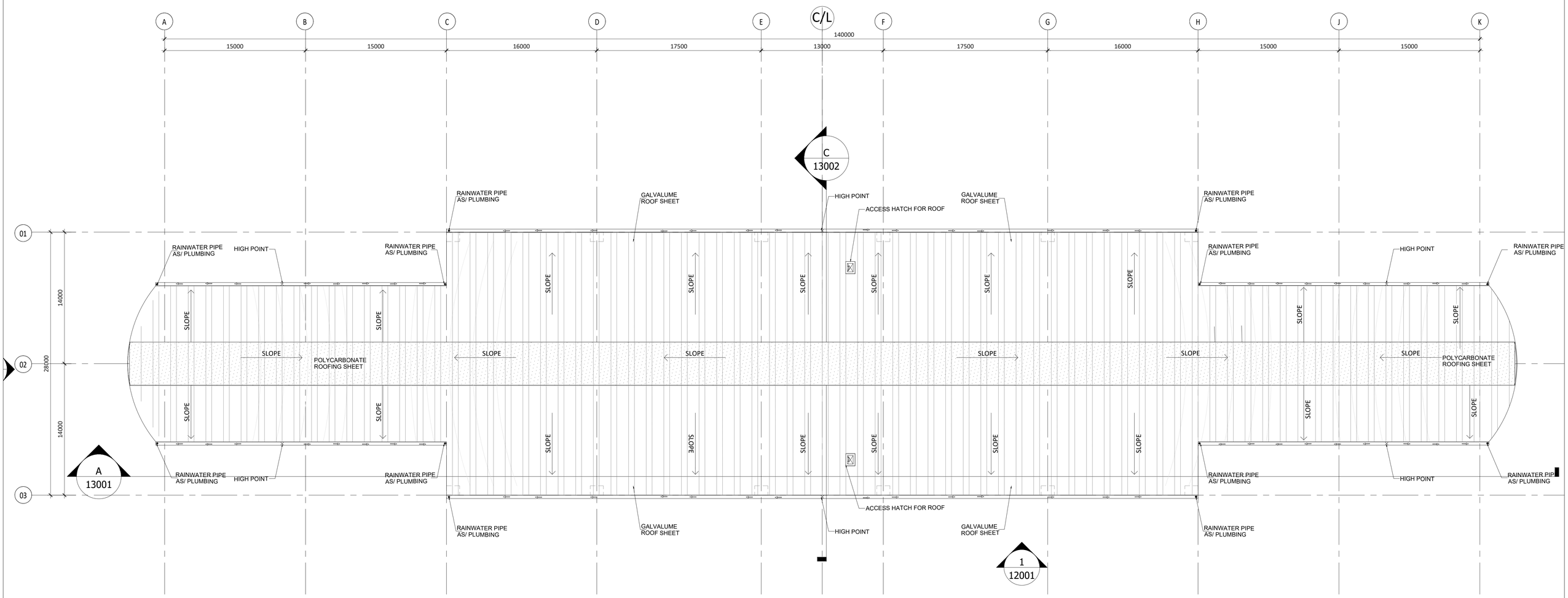
NOIDA METRO RAIL CORPORATION LTD.
Block-III, 3rd Floor, Ganga Shopping Complex, Sector-29, Noida -201301, District Gautam Budh Nagar, Uttar Pradesh, India

PROJECT: Contract NGNE-02: Design and Construction of Elevated Viaduct and 8 elevated stations from Botanical Garden to Noida Sector-142 of Noida-Greater Noida Metro Rail Project.

STATION: SECTOR - 97 STATION

DRAWING TITLE: LONG ELEVATION -1

NORTH	DRAWN BY : SS	CHECKED BY: ST	VERIFIED BY: SM	APPROVED BY: AP	NGNEDDC
	DATE: 21-04-2026	REV: R1	SCALE: AS SHOWN	STATUS: TED	
ORDER N°	DRAWING NUMBER: NGNE-S97-TED-ARP-12001-R1		SHEET NO. 01 OF 01	SHEET SIZE: A-1	



1 ROOF LEVEL PLAN

Scale: 1:200

LEGEND			
	200 MM PRECAST CC SOLID BLOCK		
	RCC COLUMNS/ MULLIONS		
	PARAPET / TOE WALL		
	FILLED FLOOR		RAISED FLOOR

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REVISION LOG-R1
DRAWINGS REVISWED AS PER RECIEVED COMMENTS FROM CLIENT VIA MAIL DATEDT ON -08-04-2026

TENDER DESIGN

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STATION: SECTOR -93 STATION

DRAWING TITLE: ROOF LEVEL PLAN

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ORDER Nº	DATE: 21-04-2026	REV: R1	SCALE: 1:200	STATUS: TED	
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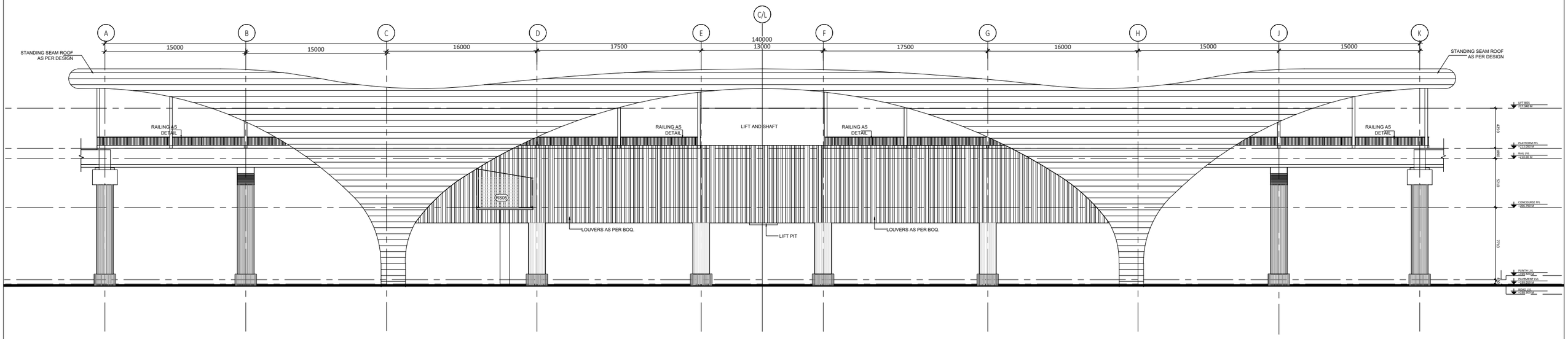
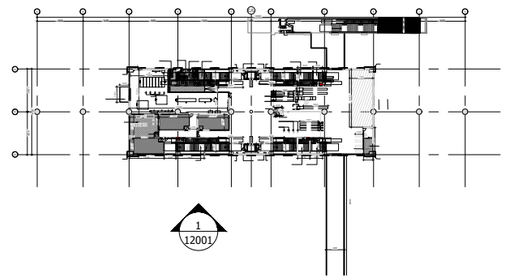


1 LONG ELEVATION -1

Scale: 1:200



02 KEY PLAN

SCALE - 1000

LEGEND	
	200 MM PRECAST CC SOLID BLOCK
	RCC COLUMNS/ MULLIONS
	PARAPET / TOE WALL
	FILLED FLOOR / RAISED FLOOR

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STATION: SECTOR -93 STATION

DRAWING TITLE: LONG ELEVATION -1

NORTH	DRAWN BY : SS	CHECKED BY: ST	VERIFIED BY: SM	APPROVED BY: AP	NGNEDDC
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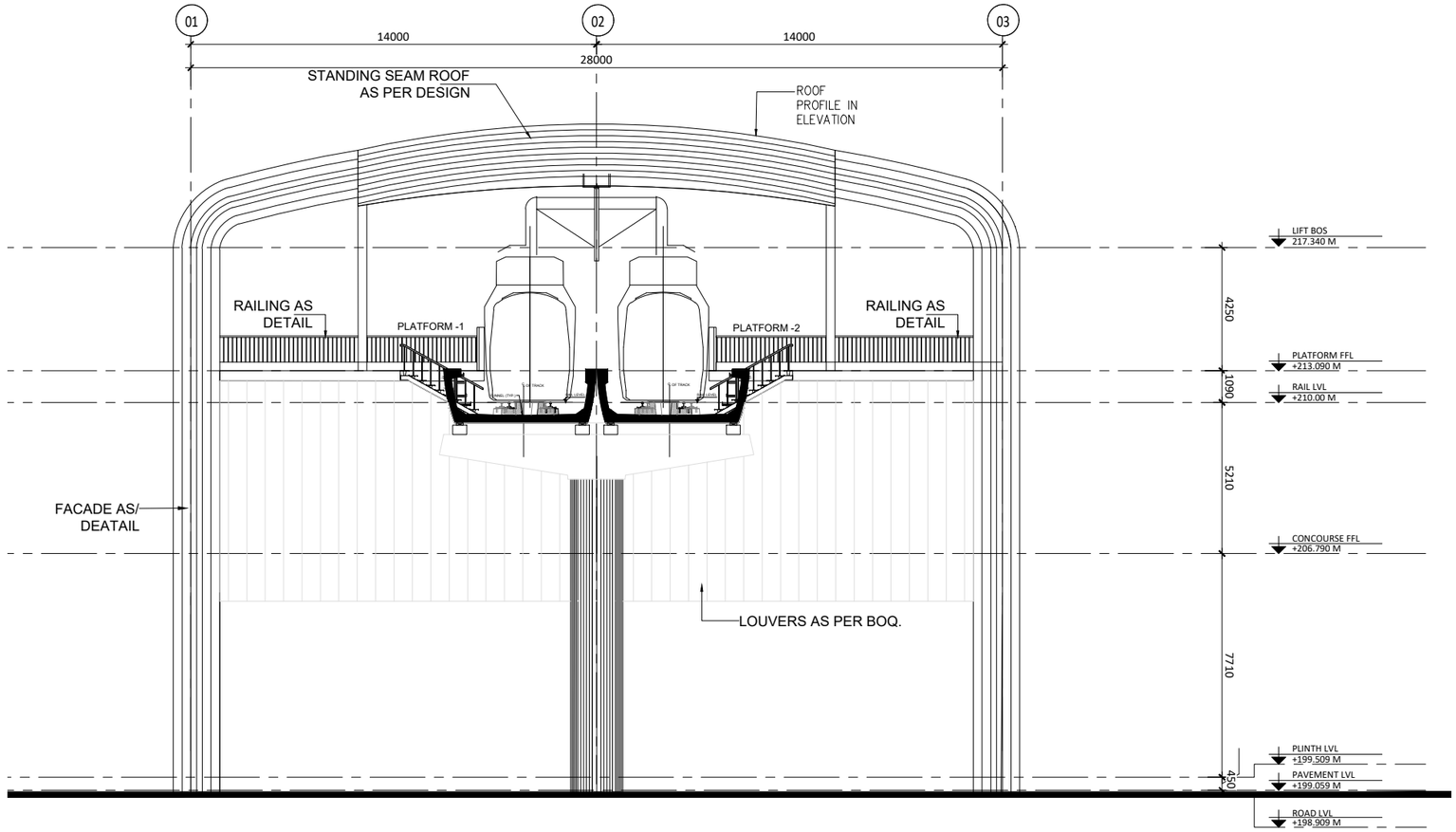
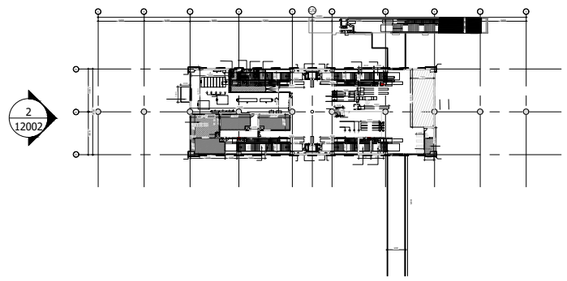


1 SHORT ELEVATION -2

Scale: 1:100



02 KEY PLAN

SCALE - 1000

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LEGEND	
	200 MM PRECAST CC SOLID BLOCK
	RCC COLUMNS/ MULLIONS
	PARAPET / TOE WALL
	FILLED FLOOR / RAISED FLOOR

REVISION LOG-R1
DRAWINGS REVISWED AS PER RECIEVED COMMENTS FROM CLIENT VIA MAIL DATEDT ON -08-04-2026

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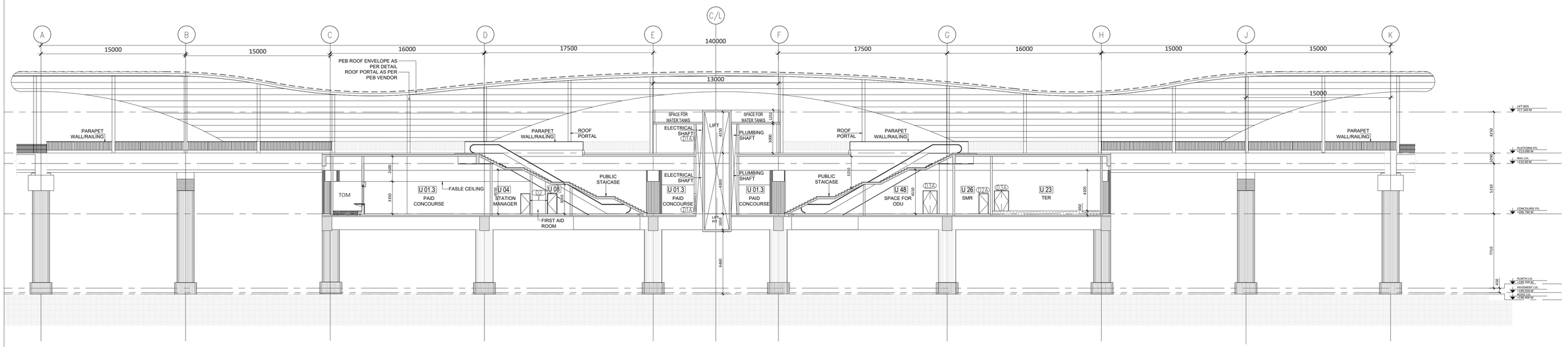
STATION: SECTOR -93 STATION

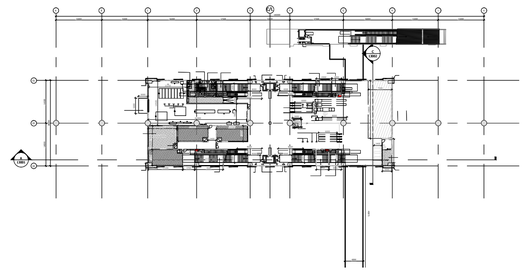
DRAWING TITLE: SHORT ELEVATION -2

NORTH	DRAWN BY: SS	CHECKED BY: ST	VERIFIED BY: SM	APPROVED BY: AS SHOWN	NGNEDDC
	DATE: 21-04-2026	REV: R1	SCALE: 1:100	STATUS: TED	
ORDER N°	DRAWING NUMBER: NGNE-S93-TED-ARP-12002-R1		SHEET NO. 01 OF 01	SHEET SIZE A-1	



1 LONG SECTION -A

Scale: 1:200



02 KEY PLAN

SCALE - 1000

ROOM SCHEDULE
CONCOURSE LEVEL

S.NO	ROOM NO. & NAME		AREA (IN
1	U01.1	UNPAID CONCOURSE-1	415.00
2	U01.2	PAID CONCOURSE	511.00
3	U01.3	BOH CORRIDOR	42.70
4	U03	SCR	50.00
5	U04	SMR(STATION MANAGER ROOM)	20.00
6	U05	TOM	24.80
7	U07	EFO	6.50
8	U08	FIRST AID ROOM	19.00
9	U09	SECURITY	15.00
10	U15.1	MALE TOILET	17.50
11	U15.2	FEMALE TOILET	21.20
12	U15.3	HANDICAP TOILET	5.30
13	U16	JANITOR/CLEANER ROOM	10.20
14	U22	SER	50.00
15	U23	TER	50.00
16	U24	UPS ROOM	70.00
17	U25	ASS	318.00
18	U26	SMR(SIGNALLING MAINT. ROOM)	18.50
19	U48	SPACE FOR ODU	42.20
20	U53.3	PD REATIL AREA-3	140.00
21	U56	STORE ROOM	25.0

Door Key Schedule

S. NO.	DOOR TYPE	FIRE RATING (MINS)	WIDTH	HEIGHT
1	D1	30	750	2105
2	D1A	90	750	2105
3	D2	30	1000	2105
4	D2A	90	1000	2105
5	D2B	120	1000	2405
6	D3	30	1500	2105
7	D3A	90	1500	2405
8	D4B	120	2000	2405
9	GD1	NA	1000	2105
10	SD1	NA	1000	2105
11	RS01	NA	2400	3000
12	RS02	NA	3000	3000
13	RS03	NA	4150	3500
14	RS04	120	4000	3500
15	RS05	NA	4000	3000

ROOM SCHEDULE
GROUND LEVEL

S.NO	ROOM NO. & NAME		AREA (IN
1	U50	DG ROOM	40.00
2	U51	DG PANEL ROOM	7.50
3	U42.1	FIRE TANK-1	12.50
4	U42.2	FIRE TANK-2	12.50
5	U42.3	RAW TANK	9.69
6	U42.4	DOM. TANK	7.64
7	U43	PUMP ROOM	129.70
8	U53.1	PD REATIL AREA-1	40.00
9	U53.2	PD REATIL AREA-2	31.00

REVISION LOG-R1
DRAWINGS REVISWED AS PER RECIEVED COMMENTS FROM CLIENT VIA MAIL DATEDT ON -08-04-2026

LEGEND

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STATION: SECTION - 93 STATION

DRAWING TITLE: LONG SECTION -A

NORTH	DRAWN BY: SS	CHECKED BY: ST	VERIFIED BY: SM	APPROVED BY: AP	NGNEDDC
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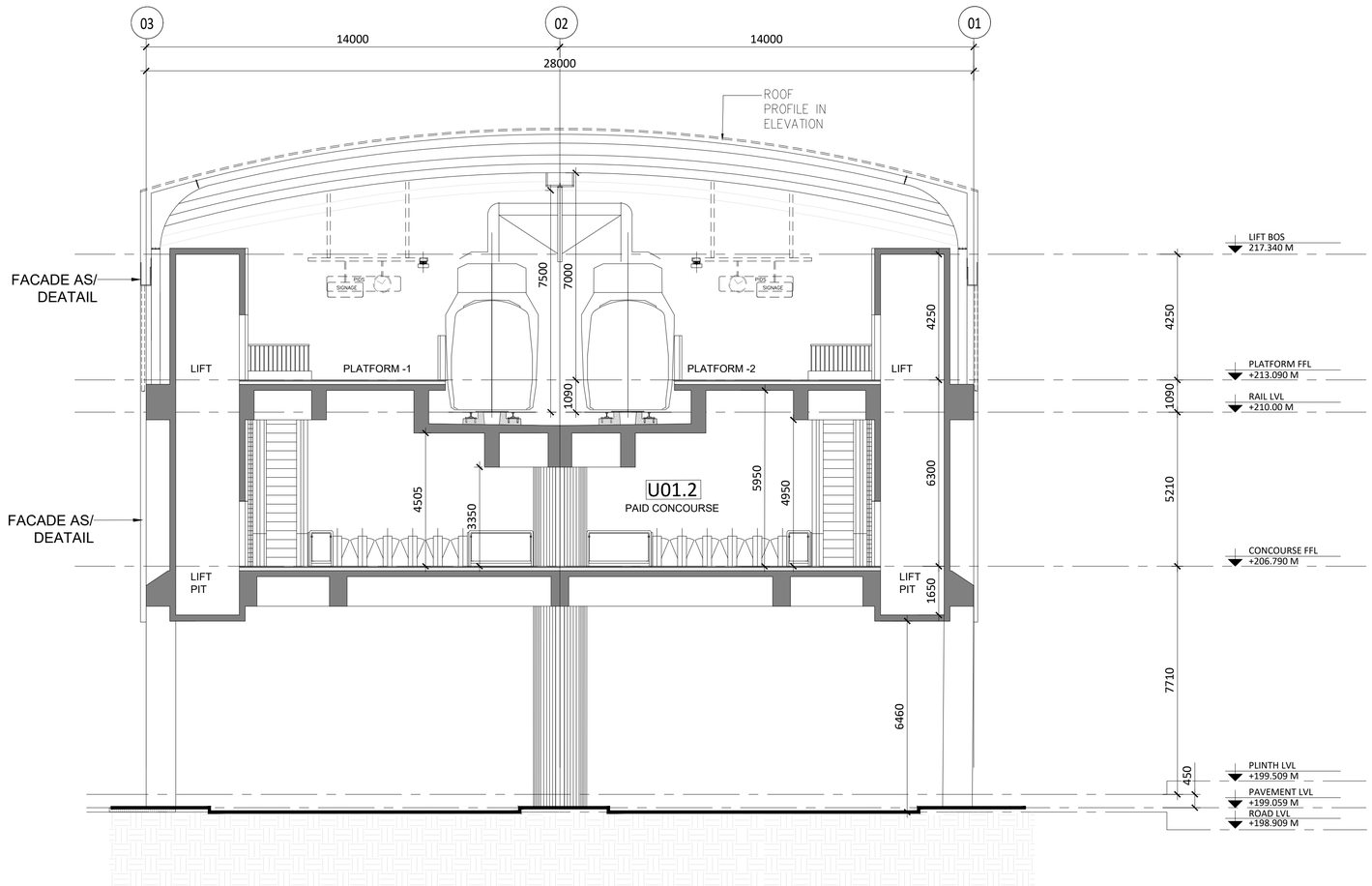

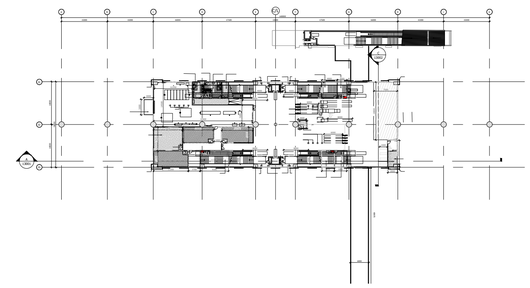

02 KEY PLAN
SCALE - 1000

1 CROSS SECTION -C
Scale: 1:100

REVISION LOG-R1
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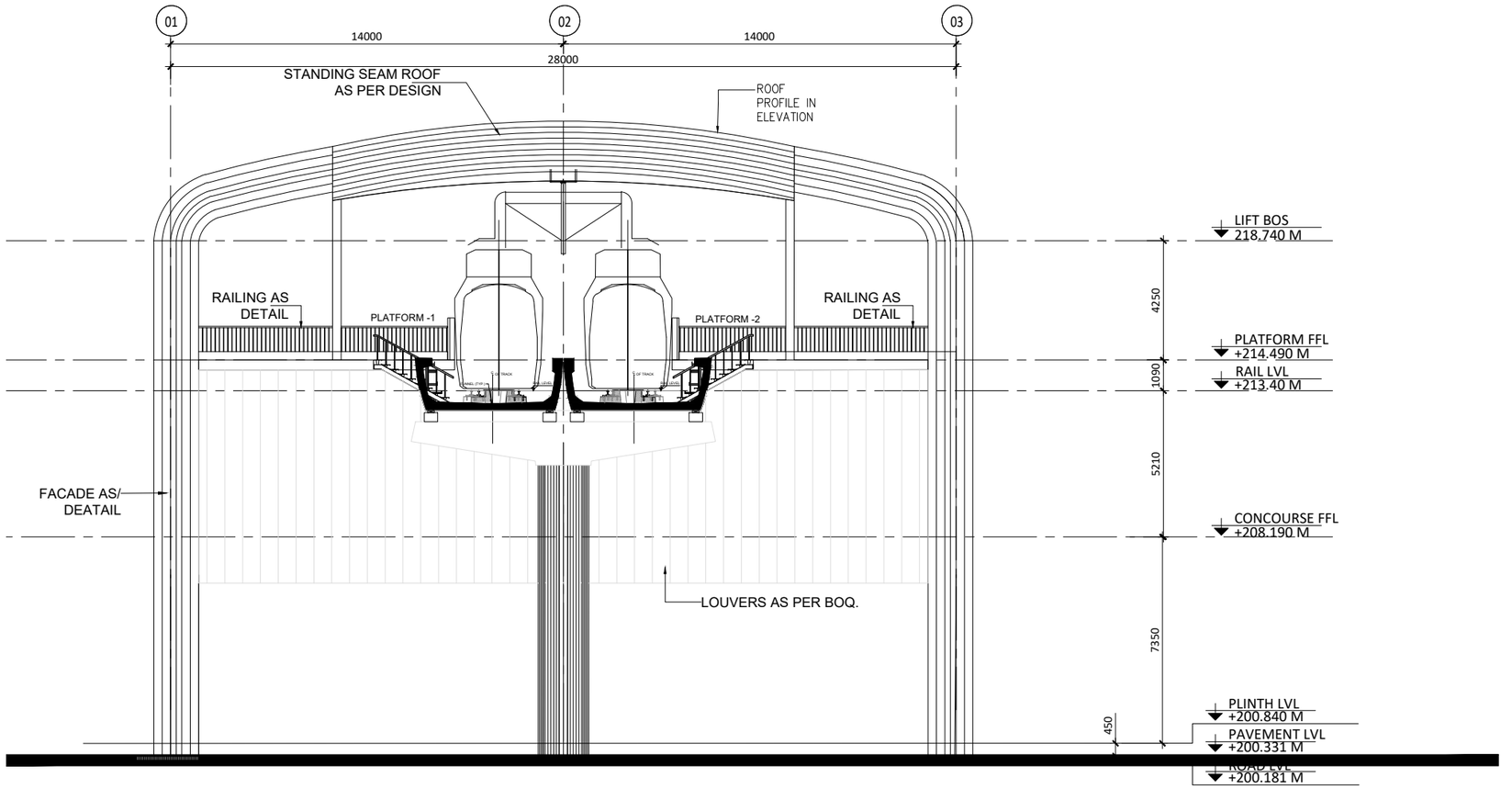
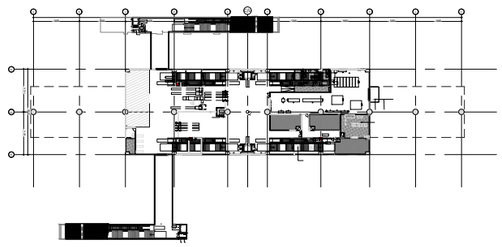
DRAWING TITLE: CROSS SECTION - C

NORTH	DRAWN BY: SS	CHECKED BY: ST	VERIFIED BY: SM	APPROVED BY: AP	NGNEDDC
	DATE: 21-04-2026	REV: R1	SCALE: AS SHOWN	STATUS: TED	
ORDER Nº	DRAWING NUMBER: NGNE-S93-TED-ARP-13002-R1		SHEET NO. 01 OF 01	SHEET SIZE A-1	



1 SHORT ELEVATION -2

Scale: 1:100



02 KEY PLAN

SCALE - 1000

SPECIAL NOTES:
ALL THE DIMENSIONS OF STRUCTURAL ELEMENTS ARE INDICATIVE.
STRUCTURAL DIMENSIONS TO BE CONFIRMED BY STRUCTURAL DESIGN/DDC BEFORE EXECUTION
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LEGEND	
	200 MM PRECAST CC SOLID BLOCK
	RCC COLUMNS/ MULLIONS
	PARAPET / TOE WALL
	FILLED FLOOR / RAISED FLOOR

REVISION LOG-R1
DRAWINGS REVISWED AS PER RECIEVED COMMENTS FROM CLIENT VIA MAIL DATEDT ON -08-04-2026

TENDER DESIGN

THIS DRAWING IS THE PROPERTY OF NOIDA METRO RAIL CORPORATION LTD

GENERAL NOTES:
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REVISION	DESCRIPTION	DRAWING NO.

REVISIONS

REV.	DESCRIPTION	DATE	DRAWN BY	CHECKED. BY
R1	REVISED AS PER REVISION LOG	21-04-2026	SS	ST
R0	FIRST ISSUE	27-03-2026	SS	ST

APPROVAL OF NMRC OFFICIALS

Certified that this document has been designed and checked in accordance with DDC Quality Assurance Plan.

Authorised Signatory for DDC.
NGNEDDC Project Manager

Architecture	Structure	E&M
Design In-charge/ Coordinator	Design In-charge/ Coordinator	Design In-charge/ Coordinator

DETAIL DESIGN CONSULTANT :

Ayesa India Private Limited
D 99, 3rd Floor, Sector 2, Noida -201301,Gautam Budh Nagar, Uttar Pradesh
Tel.: +(91) 120 490 8800, Email: delhi@ayesa.com

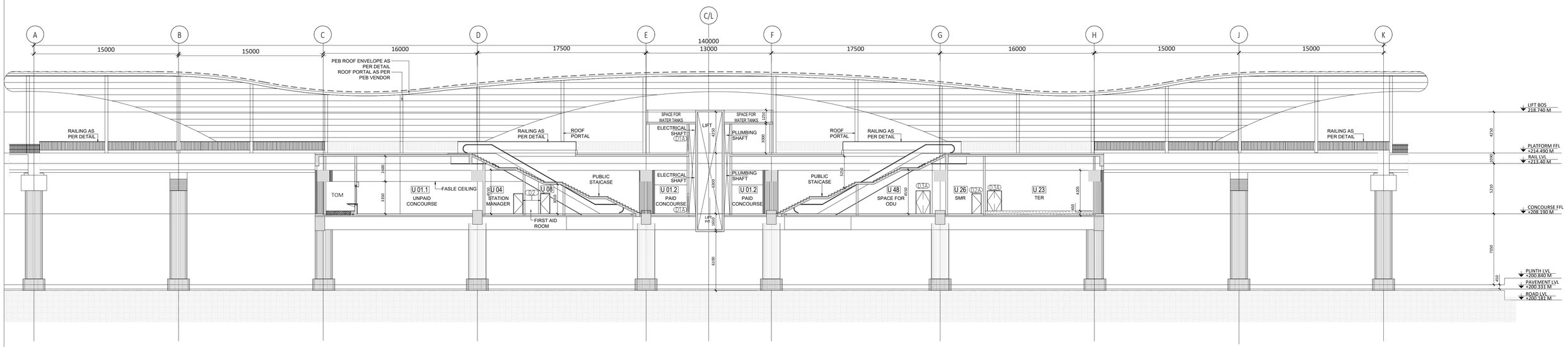
NOIDA METRO RAIL CORPORATION LTD.
Block-III, 3rd Floor, Ganga Shopping Complex, Sector-29, Noida -201301, District Gautam Budh Nagar, Uttar Pradesh, India

PROJECT: Contract NGNE-02: Design and Construction of Elevated Viaduct and 8 elevated stations from Botanical Garden to Noida Sector-142 of Noida-Greater Noida Metro Rail Project.

STATION: SECTOR - 97 STATION

DRAWING TITLE: SHORT ELEVATION -2

NORTH	DRAWN BY: SS	CHECKED BY: ST	VERIFIED BY: SM	APPROVED BY: AP	NGNEDDC
	DATE: 21-04-2026	REV: R1	SCALE: AS SHOWN	STATUS: TED	
ORDER N°	DRAWING NUMBER: NGNE-S97-TED-ARP-12002-R1		SHEET NO. 01 OF 01	SHEET SIZE A-1	



1 LONG SECTION -A

Scale: 1:200

02 KEY PLAN

SCALE - 1000

ROOM SCHEDULE
CONCOURSE LEVEL

S.NO	ROOM NO. & NAME		AREA (IN
1	U01.1	UNPAID CONCOURSE-1	415.00
2	U01.2	PAID CONCOURSE	511.00
3	U01.3	BOH CORRIDOR	42.70
4	U03	SCR	50.00
5	U04	SMR(STATION MANAGER ROOM)	20.00
6	U05	TOM	24.80
7	U07	EFO	6.50
8	U08	FIRST AID ROOM	19.00
9	U09	SECURITY	15.00
10	U15.1	MALE TOILET	17.50
11	U15.2	FEMALE TOILET	21.20
12	U15.3	HANDICAP TOILET	5.30
13	U16	JANITOR/CLEANER ROOM	10.20
14	U22	SER	50.00
15	U23	TER	50.00
16	U24	UPS ROOM	70.00
17	U25	ASS	318.00
18	U26	SMR(SIGNALLING MAINT. ROOM)	18.50
19	U48	SPACE FOR ODU	42.20
20	U53.3	PD REATIL AREA-3	140.00
21	U56	STORE ROOM	25.0

Door Key Schedule

S. NO.	DOOR TYPE	FIRE RATING (MINS)	WIDTH	HEIGHT
1	D1	30	750	2105
2	D1A	90	750	2105
3	D2	30	1000	2105
4	D2A	90	1000	2105
5	D2B	120	1000	2405
6	D3	30	1500	2105
7	D3A	90	1500	2405
8	D4B	120	2000	2405
9	GD1	NA	1000	2105
10	SD1	NA	1000	2105
11	RS01	NA	2400	3000
12	RS02	NA	3000	3000
13	RS03	NA	4150	3500
14	RS04	120	4000	3500
15	RS05	NA	4000	3000

ROOM SCHEDULE
GROUND LEVEL

S.NO	ROOM NO. & NAME		AREA (IN
1	U50	DG ROOM	40.00
2	U51	DG PANEL ROOM	7.50
3	U42.1	FIRE TANK-1	12.50
4	U42.2	FIRE TANK-2	12.50
5	U42.3	RAW TANK	9.69
6	U42.4	DOM. TANK	7.64
7	U43	PUMP ROOM	129.70
8	U53.1	PD REATIL AREA-1	40.00
9	U53.2	PD REATIL AREA-2	31.00

REVISION LOG-R1
DRAWINGS REVISWED AS PER RECIEVED COMMENTS FROM CLIENT VIA MAIL DATEDT ON -08-04-2026

LEGEND	
	200 MM PRECAST CC SOLID BLOCK
	RCC COLUMNS/ MULLIONS
	PARAPET / TOE WALL
	FILLED FLOOR / RAISED FLOOR

SPECIAL NOTES:
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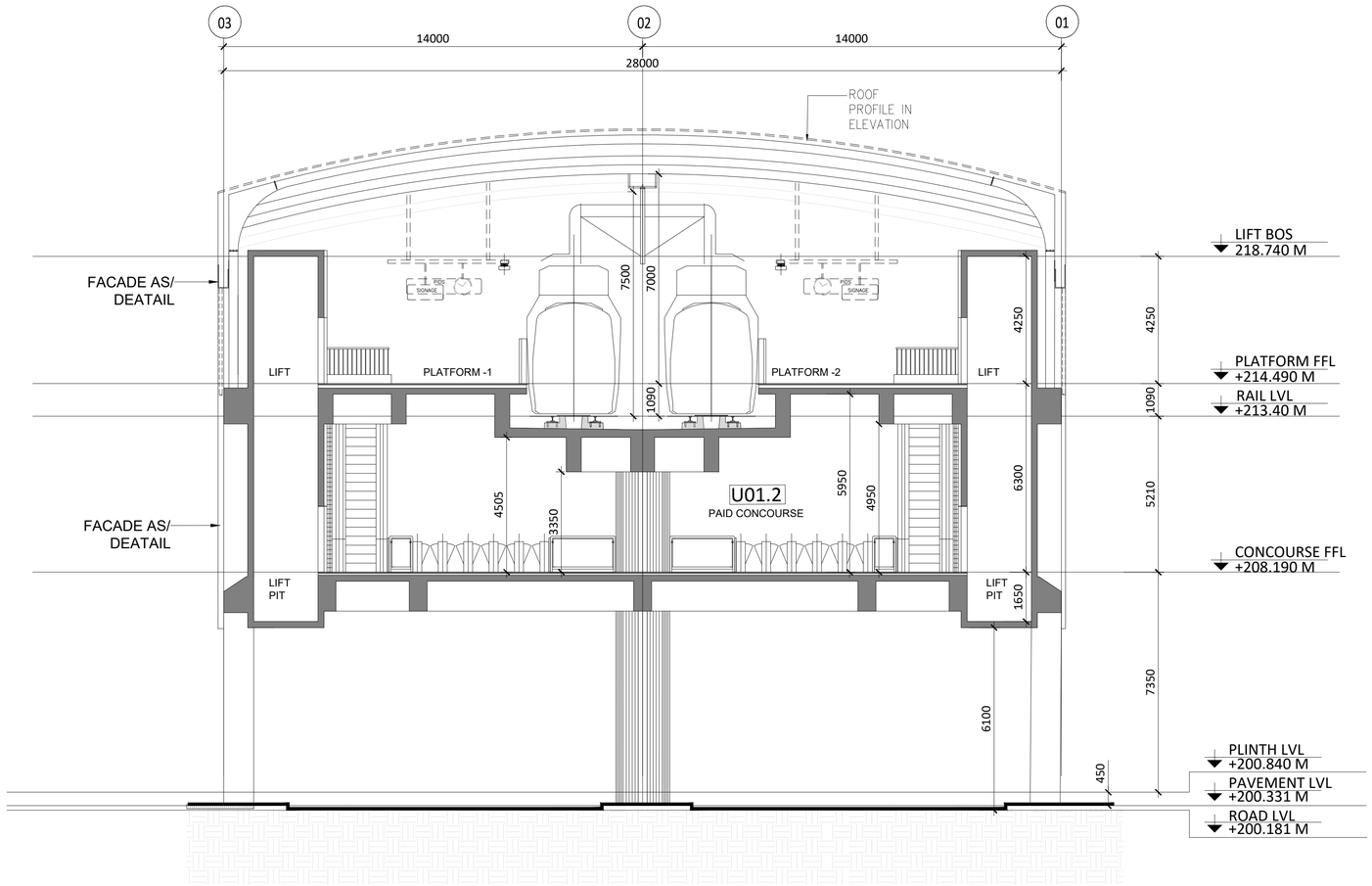
PROJECT: Contract NGNE-02: Design and Construction of Elevated Viaduct and 8 elevated stations from Botanical Garden to Noida Sector-142 of Noida-Greater Noida Metro Rail Project.

STATION: SECTION - 97 STATION

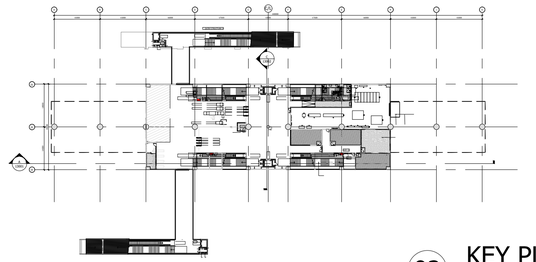
DRAWING TITLE: LONG SECTION -A

NORTH	DRAWN BY: SS	CHECKED BY: ST	VERIFIED BY: SM	APPROVED BY: AP	NGNEDDC
	DATE: 21-04-2026	REV: R1	SCALE: AS SHOWN	STATUS: TED	
ORDER Nº	DRAWING NUMBER: NGNE-S97-TED-ARP-13001-R1		SHEET NO. 01 OF 01	SHEET SIZE A-1	



1 CROSS SECTION -C

Scale: 1:100



02 KEY PLAN

SCALE - 1000

REVISION LOG-R1
DRAWINGS REVISWED AS PER RECIEVED COMMENTS FROM CLIENT VIA MAIL DATEDT ON -08-04-2026

LEGEND			
	200 MM PRECAST CC SOLID BLOCK		
	RCC COLUMNS/ MULLIONS		
	PARAPET / TOE WALL		
	FILLED FLOOR		RAISED FLOOR

SPECIAL NOTES:
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NGNEDDC Project Manager

Architecture	Structure	E&M
Design In-charge/ Coordinator	Design In-charge/ Coordinator	Design In-charge/ Coordinator

DETAIL DESIGN CONSULTANT :

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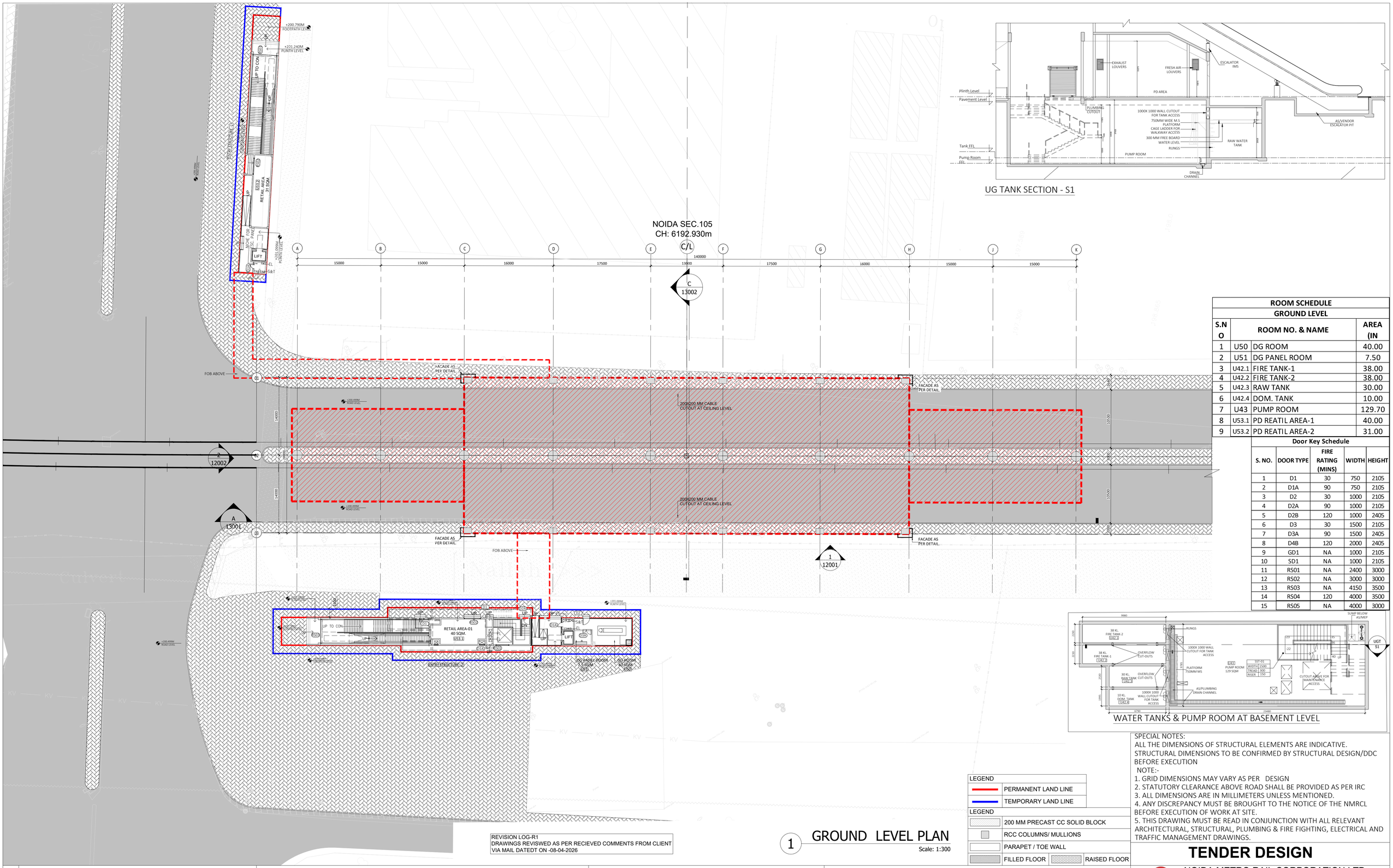
PROJECT: Contract NGNE-02: Design and Construction of Elevated Viaduct and 8 elevated stations from Botanical Garden to Noida Sector-142 of Noida-Greater Noida Metro Rail Project.

STATION: SECTION- 97 STATION

DRAWING TITLE: CROSS SECTION - C

NORTH	DRAWN BY : SS	CHECKED BY: ST	VERIFIED BY: SM	APPROVED BY: AP	NGNEDDC
	DATE: 21-04-2026	REV: R1	SCALE: AS SHOWN	STATUS: TED	
ORDER N°	DRAWING NUMBER: NGNE-S97-TED-ARP-13002-R1		SHEET NO. 01 OF 01	SHEET SIZE A-1	



UG TANK SECTION - S1

WATER TANKS & PUMP ROOM AT BASEMENT LEVEL

ROOM SCHEDULE

GROUND LEVEL

S.NO	ROOM NO. & NAME		AREA (IN
1	U50	DG ROOM	40.00
2	U51	DG PANEL ROOM	7.50
3	U42.1	FIRE TANK-1	38.00
4	U42.2	FIRE TANK-2	38.00
5	U42.3	RAW TANK	30.00
6	U42.4	DOM. TANK	10.00
7	U43	PUMP ROOM	129.70
8	U53.1	PD REATIL AREA-1	40.00
9	U53.2	PD REATIL AREA-2	31.00

Door Key Schedule

S. NO.	DOOR TYPE	FIRE RATING (MINS)	WIDTH	HEIGHT
1	D1	30	750	2105
2	D1A	90	750	2105
3	D2	30	1000	2105
4	D2A	90	1000	2105
5	D2B	120	1000	2405
6	D3	30	1500	2105
7	D3A	90	1500	2405
8	D4B	120	2000	2405
9	GD1	NA	1000	2105
10	SD1	NA	1000	2105
11	RS01	NA	2400	3000
12	RS02	NA	3000	3000
13	RS03	NA	4150	3500
14	RS04	120	4000	3500
15	RS05	NA	4000	3000

LEGEND	
	PERMANENT LAND LINE
	TEMPORARY LAND LINE

LEGEND			
	200 MM PRECAST CC SOLID BLOCK		
	RCC COLUMNS/ MULLIONS		
	PARAPET / TOE WALL		
	FILLED FLOOR		RAISED FLOOR

REVISION LOG-R1
DRAWINGS REVISWED AS PER RECIEVED COMMENTS FROM CLIENT VIA MAIL DATEDT ON -08-04-2026

1 GROUND LEVEL PLAN
Scale: 1:300

SPECIAL NOTES:
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TENDER DESIGN

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APPROVAL OF NMRC OFFICIALS

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Authorised Signatory for DDC.
NGNEDDC Project Manager

Architecture Design In-charge/ Coordinator	Structure Design In-charge/ Coordinator	E&M Design In-charge/ Coordinator

DETAIL DESIGN CONSULTANT :

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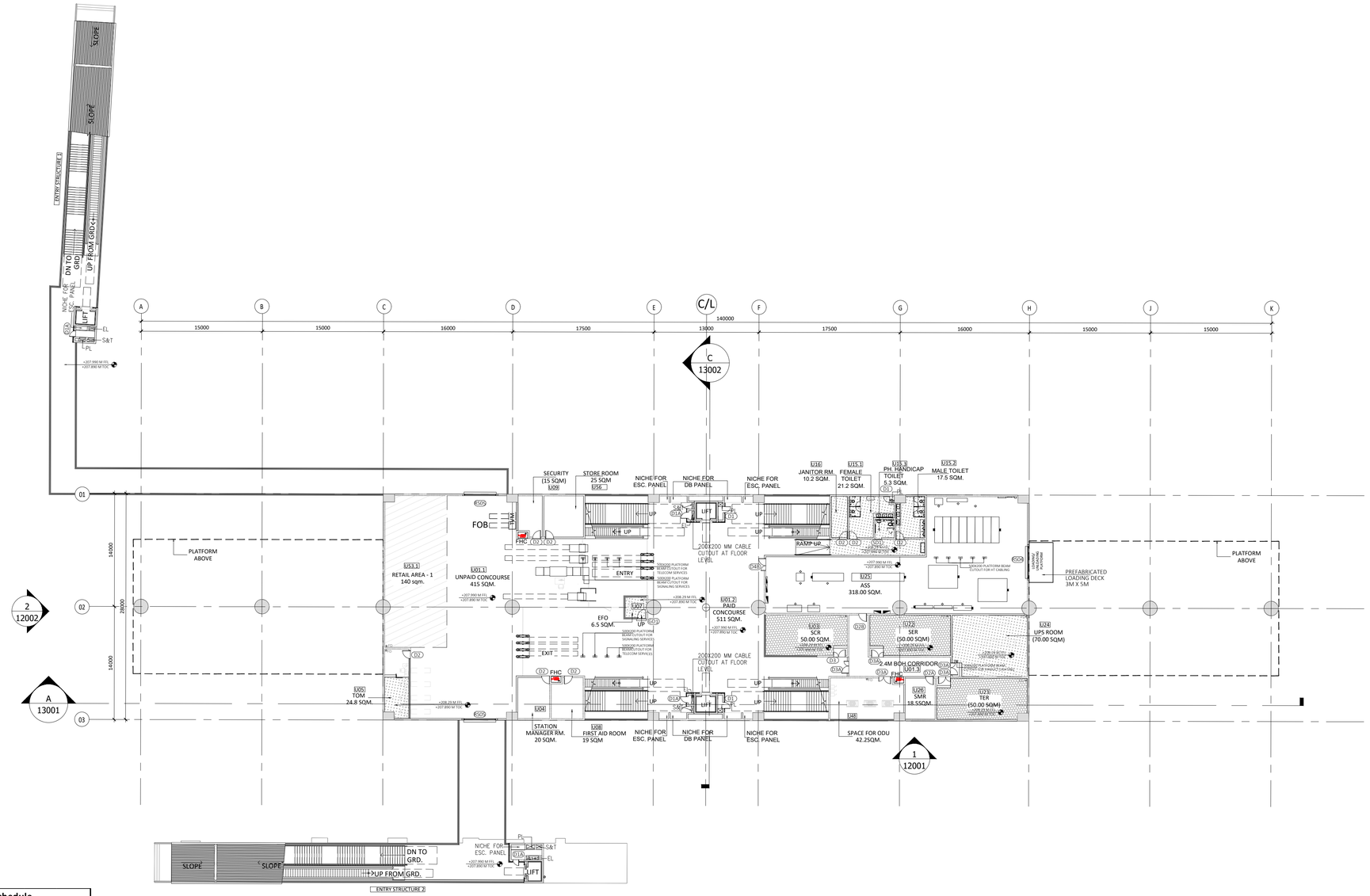
Block-III, 3rd Floor, Ganga Shopping Complex, Sector-29, Noida -201301, District Gautam Budh Nagar, Uttar Pradesh, India

PROJECT: Contract NGNE-02: Design and Construction of Elevated Viaduct and 8 elevated stations from Botanical Garden to Noida Sector-142 of Noida-Greater Noida Metro Rail Project.

STATION: SECTOR -105 STATION

DRAWING TITLE: GROUND LEVEL PLAN

NORTH	DRAWN BY: SS	CHECKED BY: ST	VERIFIED BY: SM	APPROVED BY: AP	NGNEDDC
	DATE: 21-04-2026	REV: R1	SCALE: 1:300	STATUS: TED	
ORDER N°	DRAWING NUMBER: NGNE-S105-TED-ARP-11011-R1		SHEET NO. 01 OF 01	SHEET SIZE A-1	



ROOM SCHEDULE			
CONCOURSE LEVEL			
S.NO	ROOM NO. & NAME		AREA (IN
1	U01.1	UNPAID CONCOURSE-1	415.00
2	U01.2	PAID CONCOURSE	511.00
3	U01.3	BOH CORRIDOR	42.70
4	U03	SCR	50.00
5	U04	SMR(STATION MANAGER ROOM)	20.00
6	U05	TOM	24.80
7	U07	EFO	6.50
8	U08	FIRST AID ROOM	19.00
9	U09	SECURITY	15.00
10	U15.1	MALE TOILET	17.50
11	U15.2	FEMALE TOILET	21.20
12	U15.3	HANDICAP TOILET	5.30
13	U16	JANITOR/CLEANER ROOM	10.20
14	U22	SER	50.00
15	U23	TER	50.00
16	U24	UPS ROOM	70.00
17	U25	ASS	318.00
18	U26	SMR(SIGNALLING MAINT. ROOM)	18.50
19	U48	SPACE FOR ODU	42.20
20	U53.3	PD REATIL AREA-3	140.00
21	U56	STORE ROOM	25.0

Door Key Schedule				
S. NO.	DOOR TYPE	FIRE RATING (MINS)	WIDTH	HEIGHT
1	D1	30	750	2105
2	D1A	90	750	2105
3	D2	30	1000	2105
4	D2A	90	1000	2105
5	D2B	120	1000	2405
6	D3	30	1500	2105
7	D3A	90	1500	2405
8	D4B	120	2000	2405
9	GD1	NA	1000	2105
10	SD1	NA	1000	2105
11	RS01	NA	2400	3000
12	RS02	NA	3000	3000
13	RS03	NA	4150	3500
14	RS04	120	4000	3500
15	RS05	NA	4000	3000

REVISION LOG-R1
DRAWINGS REVISWED AS PER RECIEVED COMMENTS FROM CLIENT VIA MAIL DATEDT ON -08-04-2026

1 CONCOURSE LEVEL PLAN

Scale: 1:300

LEGEND			
	200 MM PRECAST CC SOLID BLOCK		
	RCC COLUMNS/ MULLIONS		
	PARAPET / TOE WALL		
	FILLED FLOOR		RAISED FLOOR

SPECIAL NOTES:
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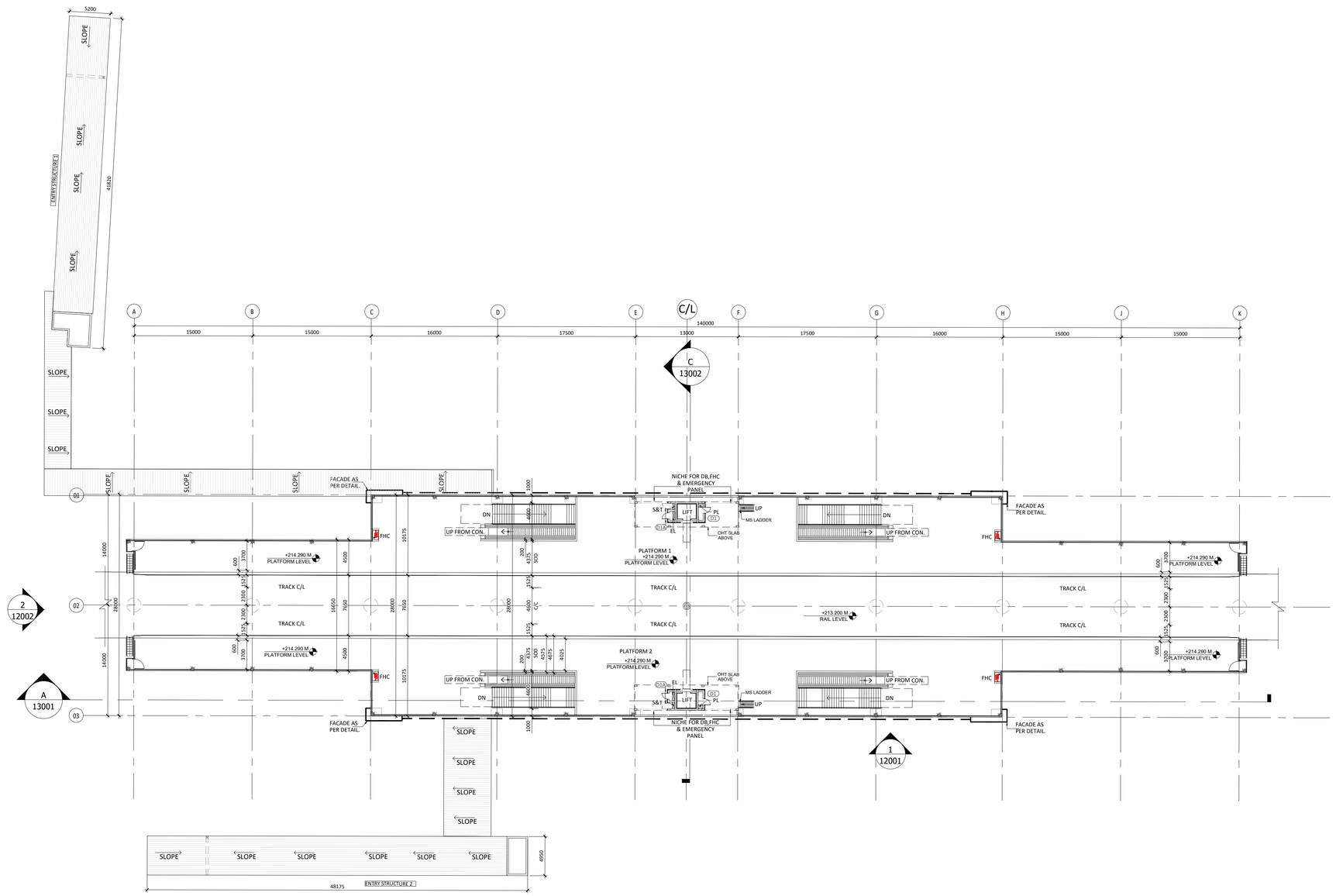
STATION: SECTOR -105 STATION

DRAWING TITLE: CONCOURSE LEVEL PLAN

NORTH	DRAWN BY : SS	CHECKED BY: ST	VERIFIED BY: SM	APPROVED BY: AP	NGNEDDC
ORDER N°	DATE: 21-04-2026	REV: R1	SCALE: 1:300	STATUS: TED	
	DRAWING NUMBER: NGNE-S105-TED-ARP-11021-R1		SHEET NO. 01 OF 01	SHEET SIZE A-1	



1 PLATFORM LEVEL PLAN

Scale: 1:300

Door Key Schedule				
S. NO.	DOOR TYPE	FIRE RATING (MINS)	WIDTH	HEIGHT
1	D1	30	750	2105
2	D1A	90	750	2105
3	D2	30	1000	2105
4	D2A	90	1000	2105
5	D2B	120	1000	2405
6	D3	30	1500	2105
7	D3A	90	1500	2405
8	D4B	120	2000	2405
9	GD1	NA	1000	2105
10	SD1	NA	1000	2105
11	RS01	NA	2400	3000
12	RS02	NA	3000	3000
13	RS03	NA	4150	3500
14	RS04	120	4000	3500
15	RS05	NA	4000	3000

LEGEND	
	200 MM PRECAST CC SOLID BLOCK
	RCC COLUMNS/ MULLIONS
	PARAPET / TOE WALL
	FILLED FLOOR / RAISED FLOOR

SPECIAL NOTES:
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REVISION LOG-R1
DRAWINGS REVISWED AS PER RECIEVED COMMENTS FROM CLIENT VIA MAIL DATEDT ON -08-04-2026

TENDER DESIGN

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REVISIONS

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R0	FIRST ISSUE	27-03-2026	SS	ST

APPROVAL OF NMRC OFFICIALS

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Authorised Signatory for DDC.
NGNEDDC Project Manager

Architecture	Structure	E&M
Design In-charge/ Coordinator	Design In-charge/ Coordinator	Design In-charge/ Coordinator

DETAIL DESIGN CONSULTANT :

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Tel.: +(91) 120 490 8800, Email: delhi@ayesa.com

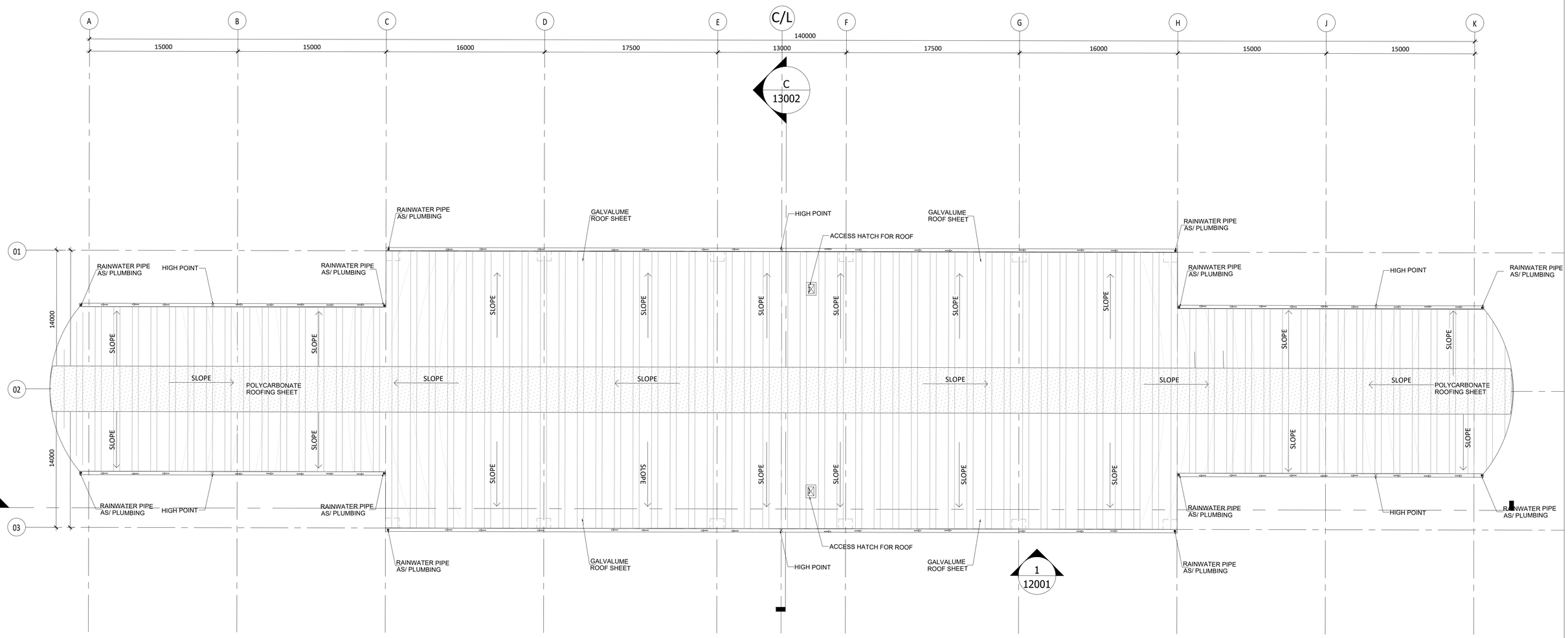
NOIDA METRO RAIL CORPORATION LTD.
Block-III, 3rd Floor, Ganga Shopping Complex, Sector-29, Noida -201301, District Gautam Budh Nagar, Uttar Pradesh, India

PROJECT: Contract NGNE-02: Design and Construction of Elevated Viaduct and 8 elevated stations from Botanical Garden to Noida Sector-142 of Noida-Greater Noida Metro Rail Project.

STATION: SECTOR -105 STATION

DRAWING TITLE: PLATFORM LEVEL PLAN

NORTH	DRAWN BY : SS	CHECKED BY: ST	VERIFIED BY: SM	APPROVED BY: AP	NGNEDDC
	DATE: 21-04-2026	REV: R1	SCALE: 1:300	STATUS: TED	
ORDER N°	DRAWING NUMBER: NGNE-S105-TED-ARP-11031-R1		SHEET NO. 01 OF 01	SHEET SIZE A-1	



1 ROOF LEVEL PLAN

Scale: 1:200

LEGEND			
	200 MM PRECAST CC SOLID BLOCK		
	RCC COLUMNS/ MULLIONS		
	PARAPET / TOE WALL		
	FILLED FLOOR		RAISED FLOOR

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STATION: SECTOR -105 STATION

DRAWING TITLE: ROOF LEVEL PLAN

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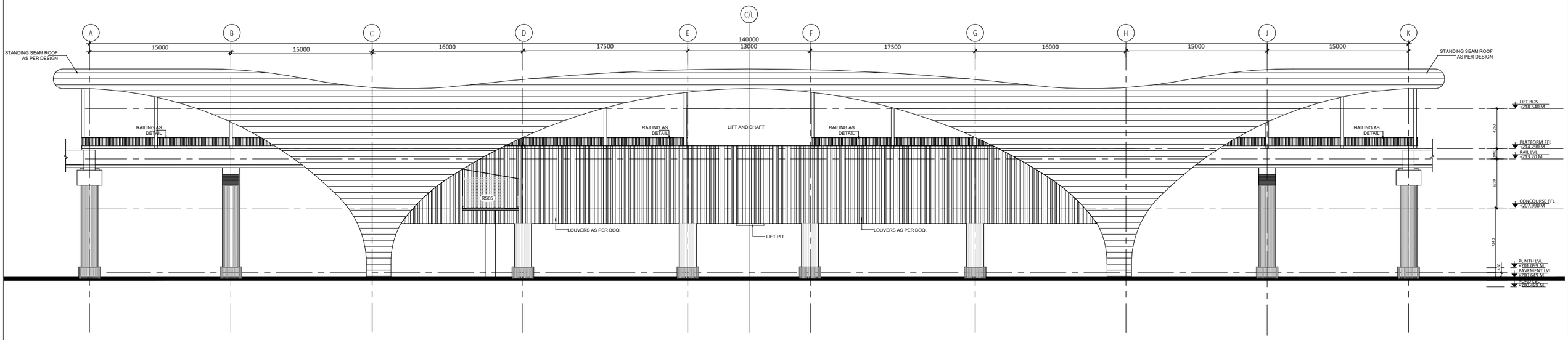
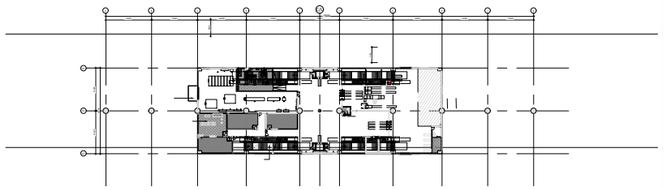
	DATE: 21-04-2026	REV: R1	SCALE: 1:200	STATUS: TED	
ORDER N°	DRAWING NUMBER: NGNE-S105-TED-ARP-11041-R1		SHEET NO. 01 OF 01	SHEET SIZE A-1	



1 LONG ELEVATION -1

Scale: 1:200



1
12001

02 KEY PLAN

SCALE - 1000

LEGEND	
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	RCC COLUMNS/ MULLIONS
	PARAPET / TOE WALL
	FILLED FLOOR / RAISED FLOOR

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REVISION LOG-R1
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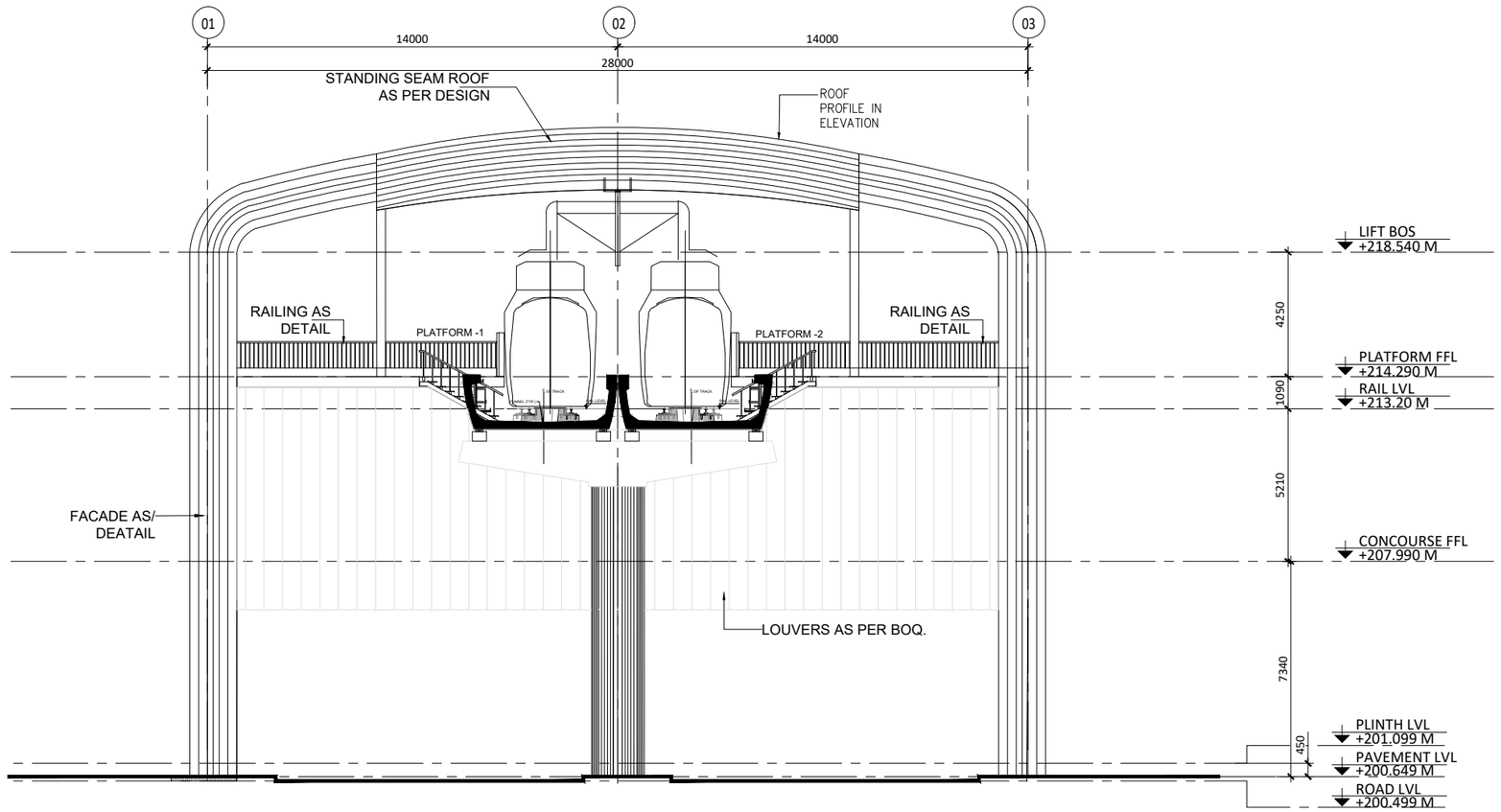
STATION: SECTOR - 105 STATION

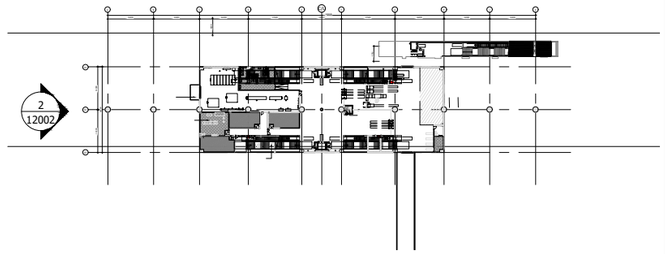
DRAWING TITLE: LONG ELEVATION -1

NORTH	DRAWN BY : SS	CHECKED BY: ST	VERIFIED BY: SM	APPROVED BY: AP	NGNEDDC
	DATE: 21-04-2026	REV: R1	SCALE: AS SHOWN	STATUS: TED	
ORDER N°	DRAWING NUMBER: NGNE-S105-TED-ARP-12001-R1		SHEET NO. 01 OF 01	SHEET SIZE: A-1	



1 SHORT ELEVATION -2

Scale: 1:100



02 KEY PLAN

SCALE - 1000

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LEGEND	
	200 MM PRECAST CC SOLID BLOCK
	RCC COLUMNS/ MULLIONS
	PARAPET / TOE WALL
	FILLED FLOOR / RAISED FLOOR

REVISION LOG-R1
DRAWINGS REVISWED AS PER RECIEVED COMMENTS FROM CLIENT VIA MAIL DATEDT ON -08-04-2026

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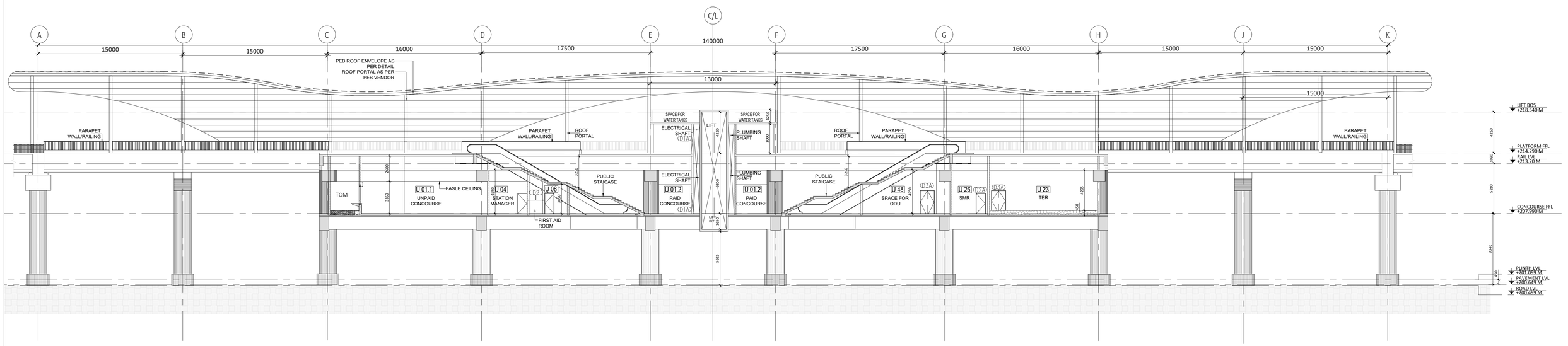
STATION: SECTOR - 105 STATION

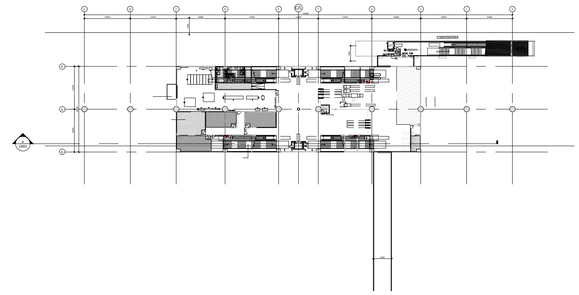
DRAWING TITLE: SHORT ELEVATION -2

NORTH	DRAWN BY: SS	CHECKED BY: ST	VERIFIED BY: SM	APPROVED BY: AP	NGNEDDC
	DATE: 21-04-2026	REV: R1	SCALE: AS SHOWN	STATUS: TED	
ORDER N°	DRAWING NUMBER: NGNE-S105-TED-ARP-12002-R1		SHEET NO. 01 OF 01	SHEET SIZE: A-1	



1 LONG SECTION -A

Scale: 1:200



1 KEY PLAN

Scale: 1:1000

ROOM SCHEDULE			
CONCOURSE LEVEL			
S.NO	ROOM NO. & NAME		AREA (IN
1	U01.1	UNPAID CONCOURSE-1	415.00
2	U01.2	PAID CONCOURSE	511.00
3	U01.3	BOH CORRIDOR	42.70
4	U03	SCR	50.00
5	U04	SMR(STATION MANAGER ROOM)	20.00
6	U05	TOM	24.80
7	U07	EFO	6.50
8	U08	FIRST AID ROOM	19.00
9	U09	SECURITY	15.00
10	U15.1	MALE TOILET	17.50
11	U15.2	FEMALE TOILET	21.20
12	U15.3	HANDICAP TOILET	5.30
13	U16	JANITOR/CLEANER ROOM	10.20
14	U22	SER	50.00
15	U23	TER	50.00
16	U24	UPS ROOM	70.00
17	U25	ASS	318.00
18	U26	SMR(SIGNALLING MAINT. ROOM)	18.50
19	U48	SPACE FOR ODU	42.20
20	U53.3	PD REATIL AREA-3	140.00
21	U56	STORE ROOM	25.0

Door Key Schedule				
S. NO.	DOOR TYPE	FIRE RATING (MINS)	WIDTH	HEIGHT
1	D1	30	750	2105
2	D1A	90	750	2105
3	D2	30	1000	2105
4	D2A	90	1000	2105
5	D2B	120	1000	2405
6	D3	30	1500	2105
7	D3A	90	1500	2405
8	D4B	120	2000	2405
9	GD1	NA	1000	2105
10	SD1	NA	1000	2105
11	RS01	NA	2400	3000
12	RS02	NA	3000	3000
13	RS03	NA	4150	3500
14	RS04	120	4000	3500
15	RS05	NA	4000	3000

ROOM SCHEDULE			
GROUND LEVEL			
S.NO	ROOM NO. & NAME		AREA (IN
1	U50	DG ROOM	40.00
2	U51	DG PANEL ROOM	7.50
3	U42.1	FIRE TANK-1	12.50
4	U42.2	FIRE TANK-2	12.50
5	U42.3	RAW TANK	9.69
6	U42.4	DOM. TANK	7.64
7	U43	PUMP ROOM	129.70
8	U53.1	PD REATIL AREA-1	40.00
9	U53.2	PD REATIL AREA-2	31.00

REVISION LOG-R1
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LEGEND	
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STATION: SECTION - 105 STATION

DRAWING TITLE: LONG SECTION -A

NORTH	DRAWN BY: SS	CHECKED BY: ST	VERIFIED BY: SM	APPROVED BY: AP	NGNEDDC
	DATE: 21-04-2026	REV: R1	SCALE: AS SHOWN	STATUS: TED	
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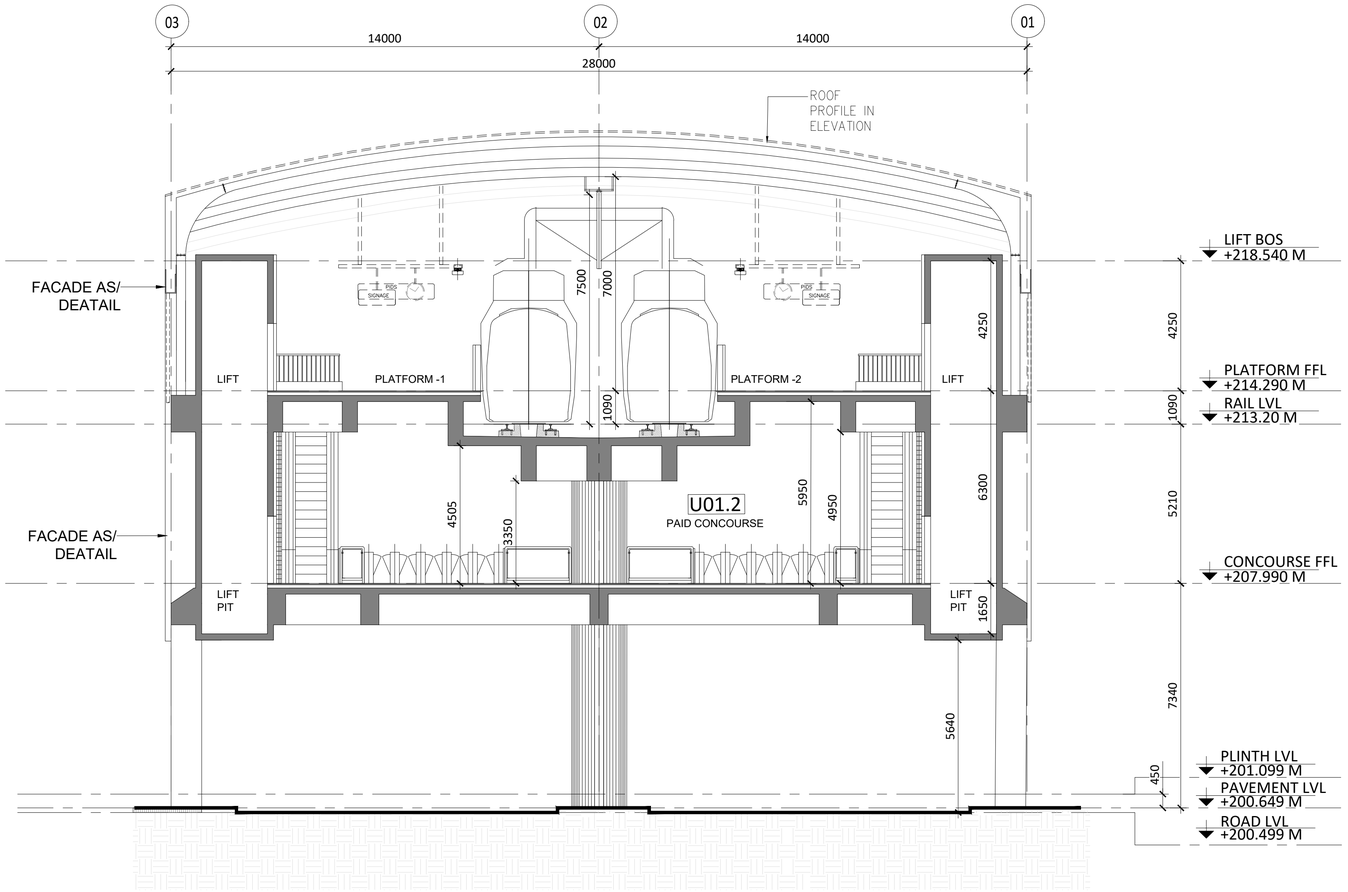
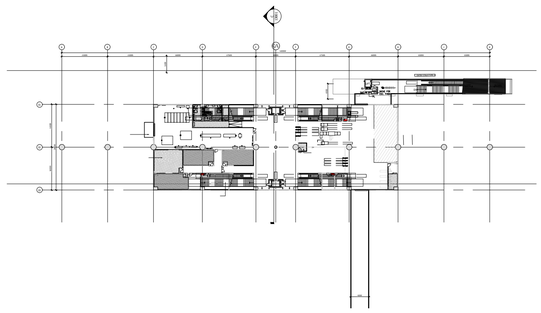


1 CROSS SECTION -C

Scale: 1:100



1 KEY PLAN

Scale: 1:1000

REVISION LOG-R1
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STATION: SECTION- 105 STATION

DRAWING TITLE: CROSS SECTION -C

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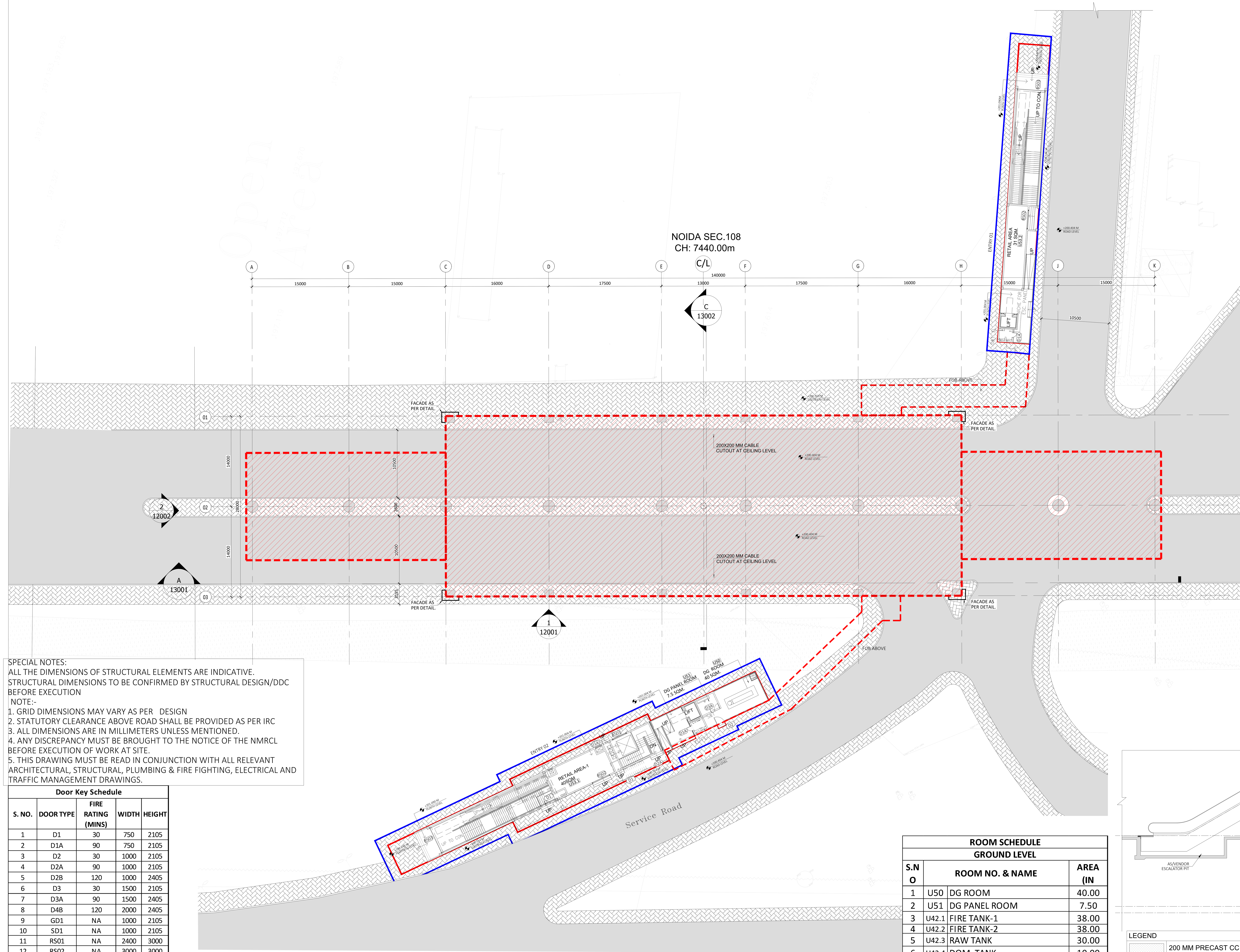

SPECIAL NOTES:
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Door Key Schedule

S. NO.	DOOR TYPE	FIRE RATING (MINS)	WIDTH	HEIGHT
1	D1	30	750	2105
2	D1A	90	750	2105
3	D2	30	1000	2105
4	D2A	90	1000	2105
5	D2B	120	1000	2405
6	D3	30	1500	2105
7	D3A	90	1500	2405
8	D4B	120	2000	2405
9	GD1	NA	1000	2105
10	SD1	NA	1000	2105
11	RS01	NA	2400	3000
12	RS02	NA	3000	3000
13	RS03	NA	4150	3500
14	RS04	120	4000	3500
15	RS05	NA	4000	3000

LEGEND

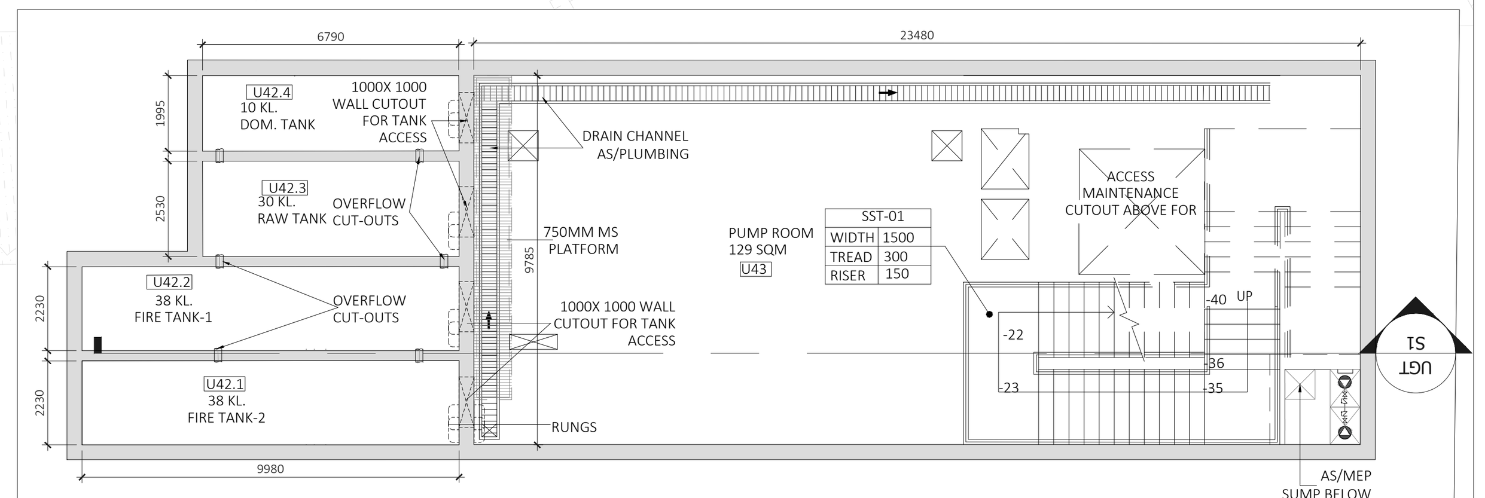
(red line)	PERMANENT LAND LINE
(blue line)	TEMPORARY LAND LINE

REVISION LOG-R1
DRAWINGS REVISWED AS PER RECIEVED COMMENTS FROM CLIENT VIA MAIL DATEDT ON -08-04-2026

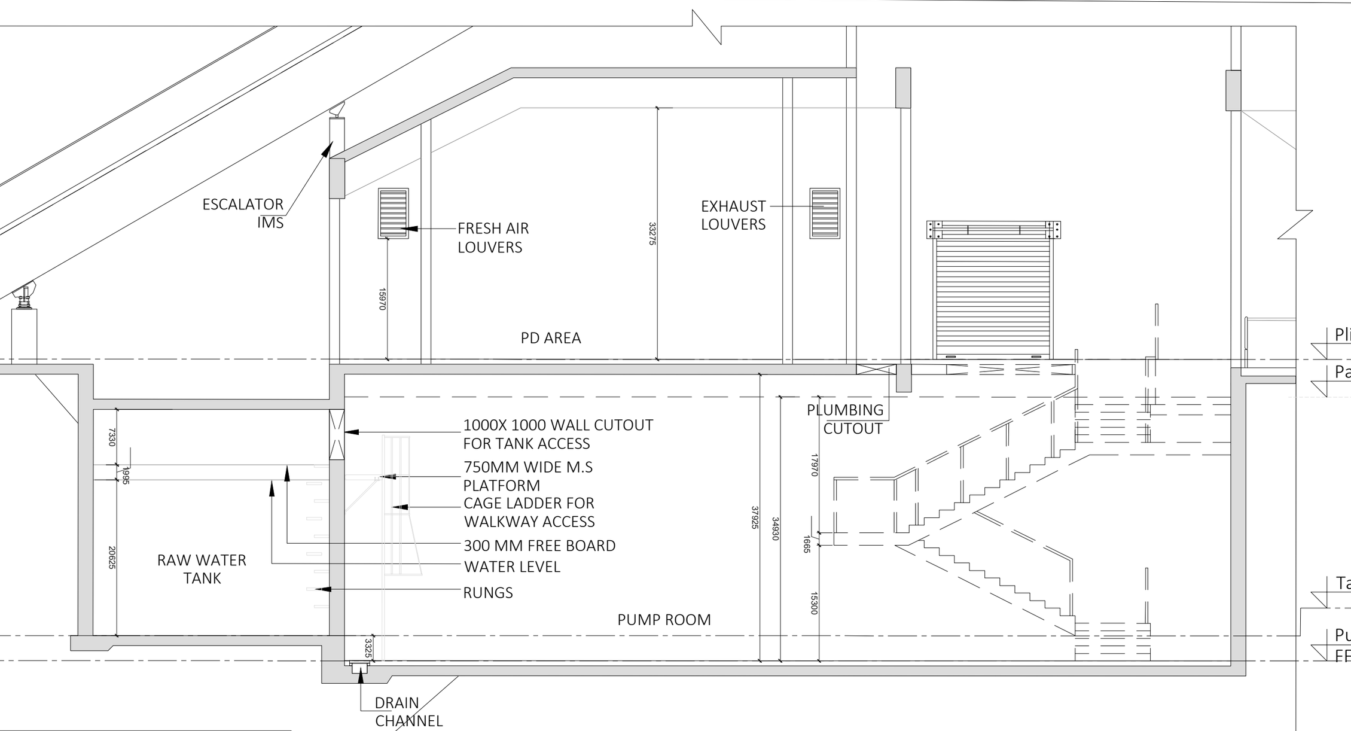
1 GROUND LEVEL PLAN
Scale: 1:300

ROOM SCHEDULE
GROUND LEVEL

S.NO	ROOM NO. & NAME		AREA (IN
1	U50	DG ROOM	40.00
2	U51	DG PANEL ROOM	7.50
3	U42.1	FIRE TANK-1	38.00
4	U42.2	FIRE TANK-2	38.00
5	U42.3	RAW TANK	30.00
6	U42.4	DOM. TANK	10.00
7	U43	PUMP ROOM	129.70
8	U53.1	PD REATIL AREA-1	40.00
9	U53.2	PD REATIL AREA-2	31.00



WATER TANKS & PUMP ROOM AT BASEMENT LEVEL



UG TANK SECTION - S1

LEGEND

	200 MM PRECAST CC SOLID BLOCK		
	RCC COLUMNS/ MULLIONS		
	PARAPET / TOE WALL		
	FILLED FLOOR		RAISED FLOOR

TENDER DESIGN

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REVISIONS

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R0	FIRST ISSUE	27-03-2026	SS	ST

APPROVAL OF NMRC OFFICIALS

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Authorised Signatory for DDC.
NGNEDDC Project Manager

Architecture Design In-charge/ Coordinator | Structure Design In-charge/ Coordinator | E&M Design In-charge/ Coordinator

DETAIL DESIGN CONSULTANT :

ayesa
Ayesa India Private Limited
D 99, 3rd Floor, Sector 2, Noida -201301,Gautam Budh Nagar, Uttar Pradesh
Tel.: +(91) 120 490 8800, Email: delhi@ayesa.com

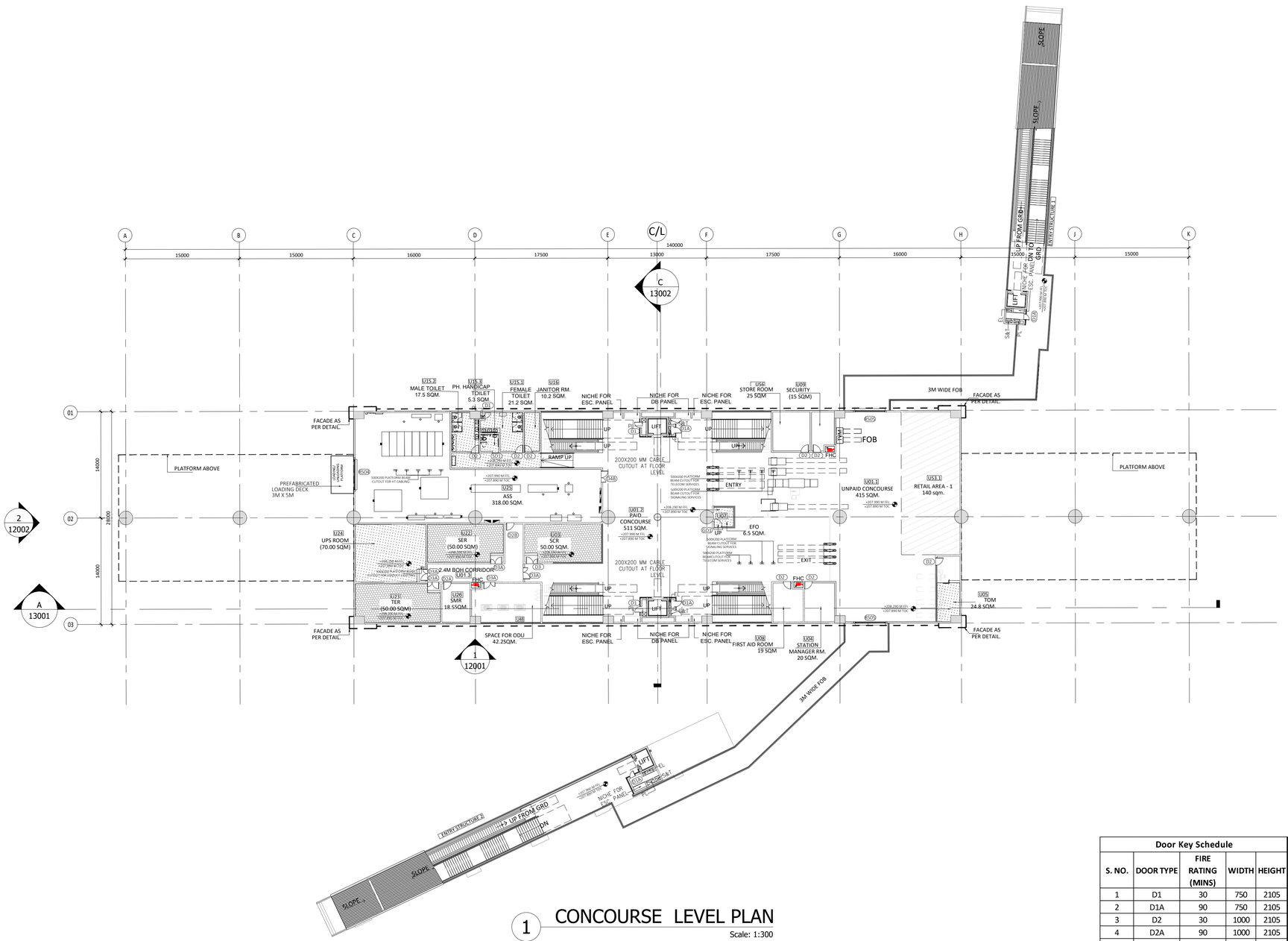
NOIDA METRO RAIL CORPORATION LTD.
Block-III, 3rd Floor, Ganga Shopping Complex, Sector-29, Noida -201301, District Gautam Budh Nagar, Uttar Pradesh, India

PROJECT: Contract NGNE-02: Design and Construction of Elevated Viaduct and 8 elevated stations from Botanical Garden to Noida Sector-142 of Noida-Greater Noida Metro Rail Project.

STATION: SECTOR -108 STATION

DRAWING TITLE: GROUND LEVEL PLAN

NORTH	DRAWN BY: SS	CHECKED BY: ST	VERIFIED BY: SM	APPROVED BY: AP	NGNEDDC
	DATE: 21-04-2026	REV: R1	SCALE: 1:300	STATUS: TED	
ORDER Nº	DRAWING NUMBER: NGNE-S108-TED-ARP-11011-R1		SHEET NO. 01 OF 01	SHEET SIZE A-1	



1 CONCOURSE LEVEL PLAN

Scale: 1:300

ROOM SCHEDULE			
CONCOURSE LEVEL			
S.NO	ROOM NO. & NAME		AREA (IN
1	U01.1	UNPAID CONCOURSE-1	415.00
2	U01.2	PAID CONCOURSE	511.00
3	U01.3	BOH CORRIDOR	42.70
4	U03	SCR	50.00
5	U04	SMR(STATION MANAGER ROOM)	20.00
6	U05	TOM	24.80
7	U07	EFO	6.50
8	U08	FIRST AID ROOM	19.00
9	U09	SECURITY	15.00
10	U15.1	MALE TOILET	17.50
11	U15.2	FEMALE TOILET	21.20
12	U15.3	HANDICAP TOILET	5.30
13	U16	JANITOR/CLEANER ROOM	10.20
14	U22	SER	50.00
15	U23	TER	50.00
16	U24	UPS ROOM	70.00
17	U25	ASS	318.00
18	U26	SMR(SIGNALLING MAINT. ROOM)	18.50
19	U48	SPACE FOR ODU	42.20
20	U53.3	PD REATIL AREA-3	140.00
21	U56	STORE ROOM	25.0

REVISION LOG-R1
DRAWINGS REVISWED AS PER RECIEVED COMMENTS FROM CLIENT VIA MAIL DATEDT ON -08-04-2026

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4	D2A	90	1000	2105
5	D2B	120	1000	2405
6	D3	30	1500	2105
7	D3A	90	1500	2405
8	D4B	120	2000	2405
9	GD1	NA	1000	2105
10	SD1	NA	1000	2105
11	RS01	NA	2400	3000
12	RS02	NA	3000	3000
13	RS03	NA	4150	3500
14	RS04	120	4000	3500
15	RS05	NA	4000	3000

LEGEND

- 200 MM PRECAST CC SOLID BLOCK
- RCC COLUMNS/ MULLIONS
- PARAPET / TOE WALL
- FILLED FLOOR
- RAISED FLOOR

SPECIAL NOTES:
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TENDER DESIGN

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NGNEDDC Project Manager

Architecture	Structure	E&M
Design In-charge/ Coordinator	Design In-charge/ Coordinator	Design In-charge/ Coordinator

DETAIL DESIGN CONSULTANT :

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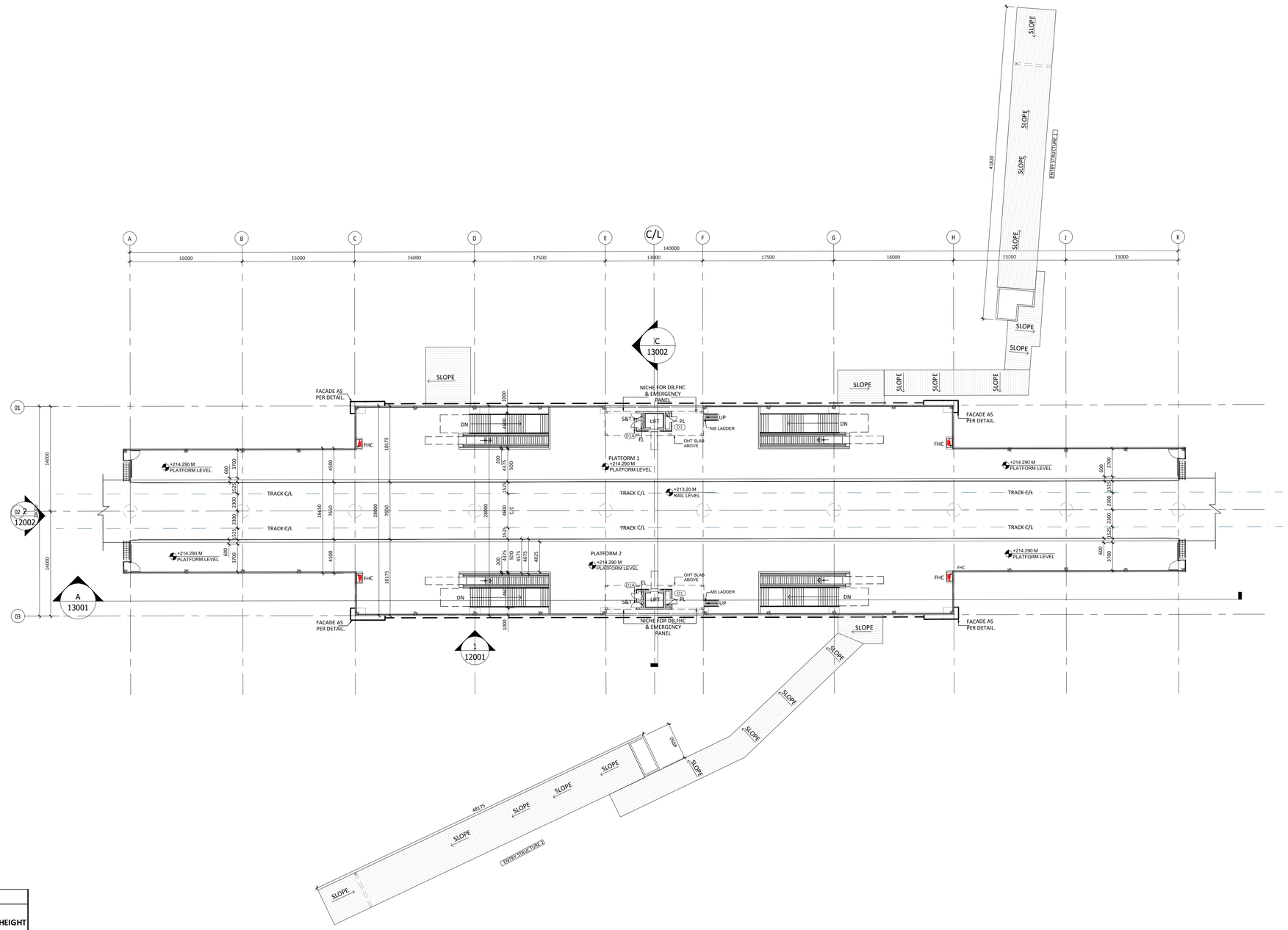
PROJECT: Contract NGNE-02: Design and Construction of Elevated Viaduct and 8 elevated stations from Botanical Garden to Noida Sector-142 of Noida-Greater Noida Metro Rail Project.

STATION: SECTOR -108-STATION

DRAWING TITLE: CONCOURSE LEVEL PLAN

NORTH	DRAWN BY: SS	CHECKED BY: ST	VERIFIED BY: SM	APPROVED BY: AP	NGNEDDC
	DATE: 21-04-2026	REV: R1	SCALE: 1:300	STATUS: TED	
ORDER N°	DRAWING NUMBER: NGNE-S108-TED-ARP-11021-R1		SHEET NO. 01 OF 01	SHEET SIZE A-1	



1 PLATFORM LEVEL PLAN

Scale: 1:300

Door Key Schedule				
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2	D1A	90	750	2105
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12	RS02	NA	3000	3000
13	RS03	NA	4150	3500
14	RS04	120	4000	3500
15	RS05	NA	4000	3000

LEGEND			
	200 MM PRECAST CC SOLID BLOCK		
	RCC COLUMNS/ MULLIONS		
	PARAPET / TOE WALL		
	FILLED FLOOR		RAISED FLOOR

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REVISION LOG-R1
DRAWINGS REVISWED AS PER RECIEVED COMMENTS FROM CLIENT VIA MAIL DATEDT ON -08-04-2026

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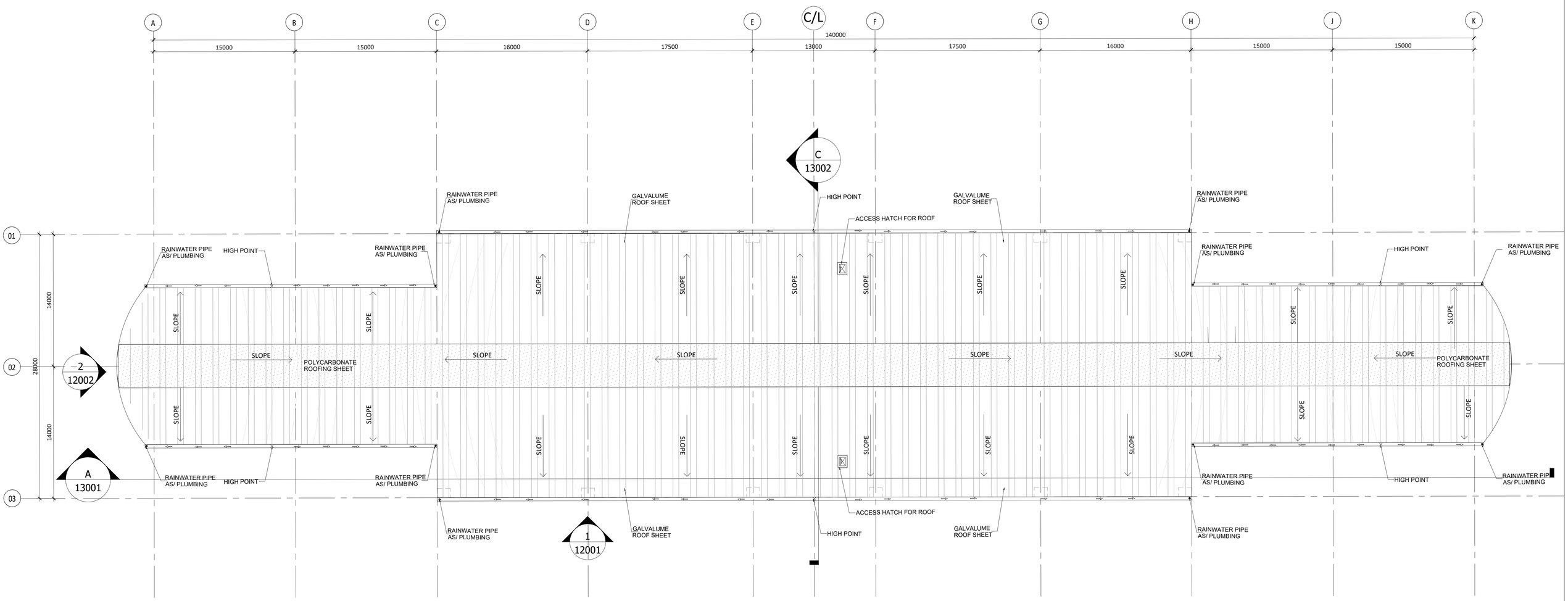
STATION: SECTOR -108-STATION

DRAWING TITLE: PLATFORM LEVEL PLAN

NORTH	DRAWN BY : SS	CHECKED BY: ST	VERIFIED BY: SM	APPROVED BY: AP	NGNEDDC
ORDER N°	DATE: 21-04-2026	REV: R1	SCALE: 1:300	STATUS: TED	
	DRAWING NUMBER: NGNE-S108-TED-ARP-11031-R1		SHEET NO. 01 OF 01	SHEET SIZE A-1	



1 ROOF LEVEL PLAN

Scale: 1:200

LEGEND			
	200 MM PRECAST CC SOLID BLOCK		
	RCC COLUMNS/ MULLIONS		
	PARAPET / TOE WALL		
	FILLED FLOOR		RAISED FLOOR

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STATION: SECTOR -108-STATION

DRAWING TITLE: ROOF LEVEL PLAN

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	DATE: 21-04-2026	REV: R1	SCALE: 1:200	STATUS: TED	
ORDER N°	DRAWING NUMBER: NGNE-S108-TED-ARP-11041-R1		SHEET NO. 01 OF 01	SHEET SIZE A-1	

BILL OF QUANTITIES
PREAMBLE

1. The Bill of Quantities shall be read in conjunction with instructions to tenderers, General and Special Conditions of Contract, Notice Inviting Tenders, Outline Construction Specifications, Outline Design Specifications, All Employers' Requirements including appendices, Conditions of Contract on Safety & Health and Environment and Conceptual/Layout Tender Drawings.
2. Schedule 'A' of Bill of Quantities comprises of scope of work under Lump sum contract as detailed in clause 2.1 Employer's Requirements-Functional including appendices. The tenderer has to quote a single lump sum amount against Schedule 'A. Payment will be made as per schedule for an account stage payment enclosed as Annexure 1 of Schedule 'A'.
3. Schedule 'B' consists of Sub head B-1, Sub head B-2, Sub head B-3 and Sub head B-4.
4. Sub head B-1 consists of NDSR items for the Civil Works. The tenderer has to quote percentage above/below/at par rates against Sub head B-1.
5. Sub head B-2 consists of NDSR items for the Architectural and PEB works. The tenderer has to quote percentage above/below/at par rates against Sub head B-2.
6. Sub head B-3 consists of NDSR items for Plumbing works. The tenderer has to quote percentage above/below/at par rates against Sub head B-3.
7. Sub head B-4 consists of NDSR items for Diversion of Utilities works. The tenderer has to quote percentage above/below/at par rates against Sub head B-4.
8. Schedule 'C' consists of Sub head C-1, C-2 & C-3.
9. Sub head C-1 consists of DSR 2023 items for Any Civil Works. The tenderer has to quote percentage above/below/at par rates against Sub head C-1.
10. Schedule 'C-2' consists of DSR 2025 items for Horticulture & landscaping works ~~under DSR-2018~~. The tenderer has to quote percentage above/below/at par rates against Schedule C2.
11. Schedule 'C-3' consists of DSR 2025 items for E&M works ~~under DSR-2018~~. The tenderer has to quote percentage above/below/at par rates against Schedule C3.
12. The rates and prices to be tendered in the Unit Priced Bill of Quantities of Schedule 'B', and Schedule 'C' are for completed works and complete in all respect.
13. Tree cutting/transplantation items shall be carried out with prior approval of forest authorities.
14. Demolition of existing structures shall be carried out without making any damage to adjacent structures, utilities and with all safety measures.
15. It will be deemed to include cost of all plants, labour, supervision, materials, scaffolding for masonry work & any work etc., G.I. binding wire, all lead & lifts, carriage, transport, all temporary works, erection, maintenance, utility identification, survey, all other works

mentioned in all Employer's Requirements including appendices, Conditions of Contract on Safety & Health and Environment, contractor's profit and establishment/overheads, together with preparation of design and drawings, all general risks, insurance liabilities, compliance of labour laws and obligations set out or implied in the contract. For taxes and duties, refer clause 11.1.1 of General Condition of Contract and C2.6 of ITT. In case of any discrepancy in DSR items covered under Schedule-C, the relevant item as mentioned in DSR published by CPWD shall prevail.

16. If the tenderer fails to quote rates against any item, the tender will be treated as incomplete and non-responsive and shall be rejected.

~~17.~~ **16.1** In case of any discrepancy between the two, the amount in figures shall be treated as sacrosanct.

~~16.~~ **16.2** The Financial Package (Pricing Document) must be uploaded by the same person who is authorized as per the submitted Power of Attorney (POA) and who has uploaded the Technical Package using a valid Class-III digital signature on behalf of the Tenderer.

17. The Schedule of Payment/Specified in Annexure-1 of Schedule A is purely for the purpose of releasing 'On Account Payments' for the work executed under the 'Lump sum' component of the work. The work executed against the BOQ items in Schedule B, & C would be paid on measurement basis.

18. For the purpose of payment, the proportion of the cost of viaduct would be considered as 95% of the total cost against the 'Lumpsum' component while the the remaining 5% would be considered towards general works.

19. Thus if 'X' is the total cost of Lump Sum component and G, & V are considered to be the cost component of General works and Viaduct including Viaduct in Station excluding the concourse portion.

    (i) Total Cost of Head "G" (General) = 5% of X

    (ii) Total Cost of Head "V" (Viaduct) = 95% of X

20. The payment under the Payment Schedule will cover all work specified in the tender drawings and / or provided in the scope of work. The Schedule of Payment will not get modified due to alterations of any type so far as the modifications/alterations are within the scope of work and/or provided for in the tender drawings. However, the percentages stipulated in Annexure I of Schedule 'A' of BOQ may be further distributed after approval of the Engineer. Proposal for the same shall be submitted by the contractor. The decision of the Engineer, in this regard, shall be final and binding.

21. The Contractor may raise their 'On Account' payments on monthly basis as per the status of work on the last day of the respective month.

SCHEDULE-B (SUB HEAD - B2 - ARCHITECTURAL FINSIHING WORKS (NDSR ITEMS))							
S. No.	Description	Unit	Quantity of Boraki Extension	Quantity Botanical Extension	Rate (INR)	Amount for Boraki Extension (INR)	Amount for Botanical Extension (INR)
~~8.9~~	~~Providing and fixing precast cement concrete solid block (SIZE 400X200X100) with cement concrete 1:2:4 (1 Cement : 2 coarse sand : 4graded stone aggregate 20mm nominal size) including hoisting and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), including Lintels & mullons as required , cost of required centering, shuttering etc. complete up to any height including making Openings for duct of any size & shape & Finishing the same.~~	~~Cum~~	~~1424.81~~	~~5134.36~~	~~8,430.00~~	~~1,20,11,131.44~~	~~4,32,82,654.80~~
	SUB TOTAL OF MISCELLANEOUS WORK					**22,54,535.26**	**1,17,91,954.18**
9.0	**SITE DEVELOPMENT WORKS**						
9.1	Providing and laying 60mm thick Premium finish **paving blocks** of M/s UniStone/Hindustan Tiles or equivalent in approved design, size, thickness, pattern and color, made from high vibratory technology and the pieces should be casted in special plasticized P.V.C moulds/ rubber moulds. The composition of pavers blocks should be of M-30 Grade concrete mix design. The allowing variance should ± 2mm in accordance with IS: 1237-1980. The top layer of 12 to 15 mm to be made from '43' Grade White Portland cement of JK or equivalent. The top surface of the paving blocks should be sealed with acrylic lacquer resulting in surface water absorption of tiles, less than 1% and water absorption by 24 hrs immersion method, less than 8%. The bottom layer should consists of 43 Grades Grey Portland cement of JK or equivalent, fine coarse aggregates, supper plasticizers, high strength additives and water proofing compound. The Laying should be done on 50mm thick compacted bed of course sand, filling the joints with coarse sand and as per the direction of engineer in charge.	SQM	8659	38183	1,314.23	1,13,80,557.00	5,01,81,189.27
9.2	Providing and fixing of Unistone/ Hindustan tiles or equivalent glass reinforced concrete (G.R.C) flooring / **paving tiles** in sizes of 152mm x 152mm /305mm x 305mm. The thickness of the tiles should range between 22 to 25mm, allowing variance of ± 5mm in accordance with IS:1237-1980. The tiles should be made with M-40 Grade concrete mix design having '43' grade white Portland cement, reinforced with Alkali Resistant glass fiber and the pigmentation should be done with exterior grade synthetic inorganic iron oxide pigments manufactured by 'BAYFERROX (Germany)' or equivalent with high vibration technology. The pigmentation should be homogeneous and in accordance with British standard BS EN 12878:1999. The other additives should be fine washed graded quartz, super plasticizers and integrated water proffers agents and others. The top surface of the tiles should be sealed with acrylic lacquer resulting in surface water absorption of tiles less than 1%, and water absorption by 24 hours immersion method less than 8% and shall be laid over 20mm thick cement mortar bed 1:3 (1 cement : 3 coarse sand) as specified in the manufacturer's instructions.	SQM	2165	9546	1,314.23	28,45,139.25	1,25,45,625.88
9.3	Supply, placing & fixing in position precast bollard of Overall Dimensions: 950 mm Height X 150mm dia as per manufacturers specification. The bollard is reinforced with 4 Nos, 8 mm dia — 950 mm long & 4 Nos 12 mm dia — 450mm long & 4 Nos 4 mm dia - Stirrups at 150mm c/c. The bollard is manufactured with cement concrete of mix M — 30 grade by vibro compaction method using FRP/steel moulds, so as to achieve shuttering finish. The bollard should embedded 150mm in cement concrete 1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size), including necessary excavation of size 250x250x450mm deep for the same in bitumen/ concrete pavement at specified spacing. The Contractor shall submit the sample of bollards and get the approval of engineer-in-charge prior to execution of work.	EACH	886	3860	1,353.57	11,99,259.00	52,24,762.69

CONTRACT NO: NGNECC-01 - Part Design & Construction of Elevated Viaduct and 10 nos. of Elevated Stations for Extension Projects of NMRC's Aqua Line from Botanical Garden to Noida Sec-142 (from Chainage (-) 383.959 to 12130.143) and from Depot Station to Boraki MMTH (Chainage 28678.253 to 31263.482).

E Tender No.: NMRC/Projects/NGNECC/2026/457

Schedule B1: for Civil works related to station, Entry/Exit & FOB under NDSR head

Sr. No.	Description	Amount for Boraki Extension (INR)	Amount for Botanical Extension (INR)
1	Foundation for Station building, FoB, Entry Exit	₹ 16,68,34,694.48	₹ 50,60,69,554.57
2	Insitu Concrete Works for Station, FoB & Entry/Exit	₹ 14,20,71,746.21	₹ 47,58,60,300.87
3	Reinforcement steel of Fe-500D / Fe-550D grade for Station, FOB and Entry/Exit.	₹ 30,31,41,754.25	₹ 91,85,62,361.73
4	Structural Steel Works	₹ 9,06,50,828.19	₹ 35,79,87,833.60
5	Miscellaneous Works	₹ 2,13,73,632.60	₹ 19,65,58,244.80
	Total	**₹ 72,40,72,655.72**	**₹ 2,45,50,38,295.56**

CONTRACT NO: NGNECC-01 - Part Design & Construction of Elevated Viaduct and 10 nos. of Elevated Stations for Extension Projects of NMRC's Aqua Line from Botanical Garden to Noida Sec-142 (from Chainage (-) 383.959 to 12130.143) and from Depot Station to Boraki MMTH (Chainage 28678.253 to 31263.482).

E Tender No.: NMRC/Projects/NGNECC/2026/457

Summary of Schedule-C (DSR Items)

S.NO.	SUB HEAD	DESCRIPTION	Amount for Boraki Extension (INR)	Amount for Botanical Extension (INR)	Total Amount (INR)
1	Sub Head C-1	Civil DSR	₹ 11,72,19,829.54	₹ 47,14,70,303.04	₹ 58,86,90,132.58
2	Sub Head C-2	Horticulture DSR	₹ 10,67,955.00	₹ 82,71,820.00	₹ 93,39,775.00
3	Sub Head C-3	E&M DSR	₹ 50,00,000.00	₹ 1,50,00,000.00	₹ 2,00,00,000.00

CONTRACT NO: NGNECC-01 - Part Design & Construction of Elevated Viaduct and 10 nos. of Elevated Stations for Extension Projects of NMRC's Aqua Line from Botanical Garden to Noida Sec-142 (from Chainage (-) 383.959 to 12130.143) and from Depot Station to Boraki MMTH (Chainage 28678.253 to 31263.482).

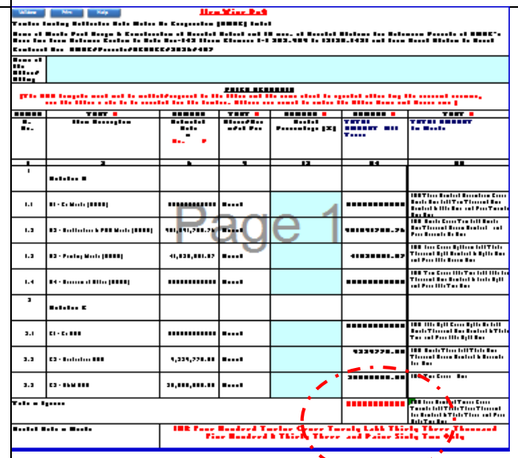
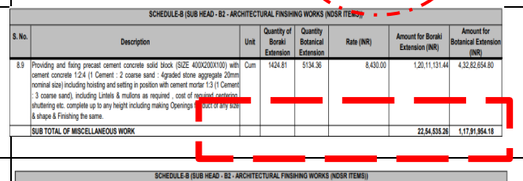
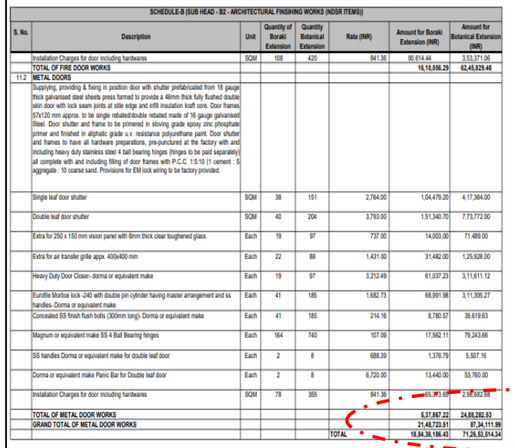
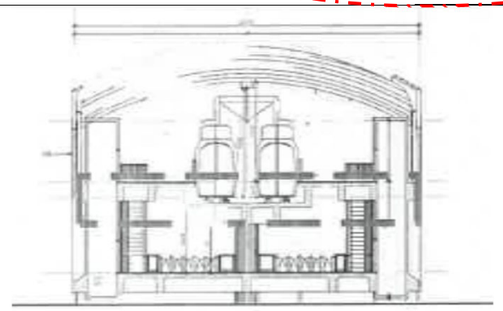
E Tender No.: NMRC/Projects/NGNECC/2026/457

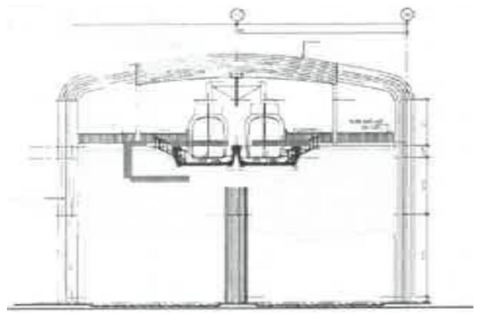
Schedule C1: for Civil, Architectural works DSR Items including Plumbing

Sr. No.	Description	Amount for Boraki Extension (INR)	Amount for Botanical Extension (INR)
1	CONCRETE WORKS	₹ 1,10,26,181.64	₹ 3,10,47,640.93
2	FLOORING WORK	₹ 63,65,107.36	₹ 2,58,43,915.10
3	STEEL WORK	₹ 2,30,24,954.78	₹ 10,89,63,052.36
4	FINISHING WORKS	₹ 1,23,25,074.38	₹ 4,43,35,584.21
5	ALUMINUM WORK	₹ 2,99,700.90	₹ 11,98,803.60
6	WATER PROOFING WORKS	₹ 13,49,950.29	₹ 55,08,543.49
7	CEILING WORKS	₹ 5,30,139.97	₹ 20,53,216.89
8	EXTERNAL DEVELOPMENT WORKS	₹ 39,94,153.37	₹ 2,12,09,694.41
9	STRUCTURAL GLAZING	₹ 3,83,678.00	₹ 15,34,712.00
10	SEWERAGE AND DRAINAGE SYSTEM	₹ 36,28,146.40	₹ 1,54,51,265.60
11	WATER SUPPLY / SOIL WASTE & VENT PIPES AND FITTINGS	₹ 30,14,965.35	₹ 92,12,259.25
12	SANITARY FIXTURES	₹ 3,66,151.90	₹ 14,65,114.40
13	RAIN WATER HARVESTING	₹ 9,11,625.20	₹ 36,46,500.80
14	Any other DSR Item	₹ 5,00,00,000.00	₹ 20,00,00,000.00
	Total	**₹ 11,72,19,829.54**	**₹ 47,14,70,303.04**

SCHEDULE-C (SUB HEAD - C2 - Horticulture DSR 2025 Items)								
S.No.	**Hort DSR 2025 Item No.**	**Description**	**Unit**	**Quantity of Boraki Extension**	**Quantity Botanical Extension**	**Rate as per DSR 2025 (INR)**	**Amount for Boraki Extension (INR)**	**Amount for Botanical Extension (INR)**
1	2.4	Supplying and stacking at site dump manuare from approved source, including carriage up to 1 km (manure measured in stacks will be reduced by 8% for payment):						
1.1	2.4.3	Screened through sieve of I.S. designation 4.75 mm	cum	50.00	200.00	₹ 491.65	₹ 24,582.50	₹ 98,330.00
2	2.7	Fine dressing of the ground	sqm	200.00	800.00	₹ 5.60	₹ 1,120.00	₹ 4,480.00
3	2.8	Spreading of sludge, dump manure and/or good earth in required thickness as per direction of officer-in-charge (cost of sludge, dump manure and/ or good earth to be paid separately).	sqm	200.00	800.00	₹ 79.70	₹ 15,940.00	₹ 63,760.00
4	2.9	Mixing earth and sludge or manure in the required proportion specified or directed by the Officer-in-charge.	cum	50.00	200.00	₹ 55.70	₹ 2,785.00	₹ 11,140.00
5	2.10	Grassing with selection No. 1 grass including watering and maintenance of the lawn for 60 days or more till the grass forms a thick lawn, free from weeds and fit for mowing including supplying good earth, if needed (the good earth shall be paid for separately).						
5.1	2.10.1	In rows 5 cm apart in both directions.	sqm	200.00	800.00	₹ 26.95	₹ 5,390.00	₹ 21,560.00
6	2.14	Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volume (2 parts of stacked volume of earth after reduction by 20% : 1 part of stacked volume of manure after reduction by 8%) flooding with water, dressing including removal of rubbish and surplus earth , if any, with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately) :						
6.1	2.14.1	Holes 1.2 m dia and 1.2 m deep	each	50.00	200.00	₹ 362.75	₹ 18,137.50	₹ 72,550.00
		Total of Horticulture work					**₹ 67,955.00**	**₹ 2,71,820.00**
7		Any DSR Horticulture 2025 Items which are not covered in the BOQ	LS	1000000.00	8000000.00		₹ 10,00,000.00	₹ 80,00,000.00
		SUB TOTAL OF SITE DEVELOPMENT WORKS					**₹ 10,67,955.00**	**₹ 82,71,820.00**

"Part Design & Construction of Elevated Viaduct and 10 nos. of Elevated Stations for Extension Projects of NMRC's Aqua Line from Botanical Garden to Noida Sec-142 (from Chainage (-) 383.959 to 12130.143) and from Depot Station to Boraki MMTH (Chainage 28678.253 to 31263.482)."						
TENDER No: NGNECC-01						
Tender No - NMRC/Projects/NGNECC/2026/457						
REPLY TO PRE-BID QUERIES						
S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
1.0 M/s Afcons Infrastructure Limited						
1	Vol 1, NIT Page No.10	1.1.3.2	Minimum Eligibility Criteria:	1.1.3.2 Minimum Eligibility Criteria: The "Similar works" for this contract shall be "Design and Construction of Metro/RRTS/High Speed rail Viaduct having a pre-stressed concrete super- structure as well as construction of elevated metro stations,"	We understand that the Part design and construction of Metro/RRTS/High-Speed Rail viaducts, involving a pre-stressed concrete superstructure, along with the construction of elevated metro stations, will be considered as eligible project, as the proposed contract also includes both design and construction components. Kindly confirm. In most of the elevated metro contracts, design and drawings of the standared U Girder superstructure is provided by Employer. Further, proposed project is also a Part design and construct type.	Refer Addendum-1.
2	Vol 1, NIT Page No.11	1.1.3.2 (A) ©	Individual Bidder or any substantial member of JV/Consortium should fulfil following conditions	Bidder should have successfully completed Architectural Finishing Work for minimum 04 nos. Elevated stations or more in Elevated Metro/RRTS/High speed Rail in a single awarded contract.	Bidder should have successfully completed minimum 4 nos. of Elevated/ Underground Stations or more in Elevated Metro/RRTS/High Speed Rail in a single awarded contract. Undergorund stations are more complex than elevated and may please be considered.	Refer Addendum-2.
3	Vol 1, NIT Page No.11	1.1.3.2 (A) e	Individual Bidder or any substantial member of JV/Consortium should fulfil following conditions	Further, in case the bid is submitted by a Joint Venture (JV)/Consortium, each member of the JV/Consortium shall independently meet and demonstrate the similar work experience as stipulated above; failing which, the bid shall be treated as non-responsive and shall be rejected.	Please allow Bidder to submit undertaking that "in case of award of contract, experienced specialist sub- contractor meeting the requirements will be appointed with prior approval from employer". This will avoid monopoly and restrictive participation of specialist sub- contractor during bidding stage.	No change in Tender conditions.
4	ER- Functional Page No.28	2.8	CONSTRUCTION / CASTING YARD & DUMPING AREA	2.8 CONSTRUCTION / CASTING YARD & DUMPING AREA For casting yard, batching plant and other activities a plot of land of approx. 60,000 Sq. m. (approx..) will be made available by NMRC on as is where is basis within 45 Km from the work site free of cost as the precast member of viaduct and stations are large in number.	It will take at least 4 to 5 hrs to transport U/ I- Girder from a distance of 45 km is only one girder can be transported in a shift, causing loss of productivity and subsequently higher cost. Further concrete tansportation from such a long distance is not advisabale, lead to loss of consistency and workability. Request to provide casting yard of minimum 20 acres (Approx. 80,000m^2) within 5 km from site. Additionally it is requested to allocate land (approx. 5000m2) for batching plant near the alignment.	No change in Tender conditions.
5	ER- Functional Page No.18	2.1 (xxix) (c)	LUMPSUM SCOPE OF WORK	LUMPSUM SCOPE OF WORK – (Viaduct, Viaduct in station excluding concourse portion) 2.1 (xxix) (c) Demolition/dismantling of road, footpath, RCC drain or any type of drain, kerbstone, pavers central verge, boundary wall, grill, kerb stone etc. and restoration of same with new material of similar specification. Tenderer must visit the site and ascertain actual magnitude of quantum of work involved for road, footpath, RCC Drain, kerbstone, pavers, overhead utilities & underground, central verge, boundary wall, signages, grill, bus shelters etc. and nothing shall be payable on this account. Retrieved materials obtained from demolition/dismantling shall be property of the contractor.	There is an ambiguity regarding utility shifting works. Our understanding is that the shifting of all overhead and underground utilities is a payable item based on actual BOQ quantities as followed in other metro projects. Please confirm.	Refer Addendum-2.
6	ER- Functional Page No.23	2.1.A.7	LUMPSUM SCOPE OF WORK	2.1.A.7 The shifting of the utility(s) would be undertaken only in exceptional circumstances where in the opinion of the Employer no other option is available. The utilities are to be diverted with proper liaisoning and approval of the utility owning agencies and will be paid under Schedule-B of BOQ. For the utilities which are not to be diverted proper supporting shall be done to prevent any damage. No payment shall however be made for supporting and protecting the utilities during execution of the work. Cost of such utility shifting (i.e.permanent diversion) unless otherwise specified will be paid separately under relevant item of BOQ.		
7	ER- Functional Page No.18	2.1 (xxix) (c)	LUMPSUM SCOPE OF WORK	LUMPSUM SCOPE OF WORK – (Viaduct, Viaduct in station excluding concourse portion) 2.1 (xxix) (c) Demolition/dismantling of road, footpath, RCC drain or any type of drain, kerbstone, pavers central verge, boundary wall, grill, kerb stone etc. and restoration of same with new material of similar specification. Tenderer must visit the site and ascertain actual magnitude of quantum of work involved for road, footpath, RCC Drain, kerbstone, pavers, overhead utilities & underground, central verge, boundary wall, signages, grill, bus shelters etc. and nothing shall be payable on this account. Retrieved materials obtained from demolition/dismantling shall be property of the contractor.	Most of the alignment passes through existing drainage networks. To ensure accurate pricing and execution, the bidder requests you to provide detailed dimensional drawings for the existing RCC drain structures. Furthermore, we requet you to that all drainage construction and diversion works will be measured and payable on a Bill of Quantities (BOQ) unit rate basis.	Refer Clause A7 of ITT and Clause 4.9 of GCC. Further, No Change in Tender Condition.
8	ER- Functional Page No.29	2.1	SCOPE OF WORK UNDER BOQ ITEMS (SCHEDULE- 'B' & 'C')	Tree cutting Permissions	The scope involves cutting approx. 5,100 trees, necessitating forest department/nodal agency clearance. Since securing these permits frequently causes project delays. Please confirm that delays in permissions from the authorities will be treated as compensable delay, protecting the contractor for both time and cost impacts.	No change in Tender conditions.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
9	Station Drawing			Station Concourse and Platform Beams & Slabs	While most Metro clients heavily utilize precast elements for maximum station components to expedite construction, the current tender specifies cast-in-situ structures. Adhering to cast-in-situ methods significantly increases the risk of project delays. Therefore, the bidder requests permission to propose precast alternatives for station components and revised BOQ accordingly to safeguard the project timeline.	No change in Tender conditions.
10	Volume-6 BOQ Page no 16	Schedule B	Item No. B1.5.11,	Total Barricading quantity given the BOQ=1245+4980=6225 Rmt	We note that the project length roughly 15km, but the BOQ lists only 6.225 km of barricading. Please review this item and confirm the correct quantity.	Refer clause of 2.1 (xxxix) of ER-Functional.
11	Volume-6 BOQ Page no 4	Schedule B			There is a typo error in the final total amount of the Bill of Quantities (BOQ) Scheduel B & C. The individual breakdown items do not add up to the stated final total. Please provide the corrected BOQ total.	Refer Addendum-1.
12	Volume-6 BOQ Page no 30	Schedule B	Item No. B2 8.9		There is a typo error in the Bill of Quantities (BOQ) Scheduel B2, Item No.8, Misc. Works. The individual breakdown items do not add up to the stated final total. Please provide the corrected BOQ total.	Refer Addendum-2.
13	Volume-6 BOQ Page no 33	Schedule B			There is a typo error in the total of the Bill of Quantities (BOQ), Total Schedule B2. Please provide the corrected BOQ total.	Refer Addendum-2.
					The tender text states that the scope includes the design and construction of the superstructure using standard U-girder spans and all other spans for the viaduct, including the station areas. However, the tender drawings show both U-girders and I-girders. The bidder requests to clarify which girder type is final and should be adopted for the pricing for station protion.	The Station portion is in cast in-situ. However, the track in the non-concourse portion of the station is U-Girder. Further, refer Addendum-2.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
14						
15	Tender Drawing			_	Kindly provide the drawings for the three balance stations, i.e., Noida Sec-97, Noida Sec-105, and Noida Sec-108, including cross-sections, structural details, architectural finishing drawings, and all related drawings.	Refer Addendum-2.
16	Contract Value			_	The bidder understands that the contract price is exclusive of Goods and Services Tax (GST). Please confirm.	The price is inclusive of GST. Refer Clause 2.6 C of ITT and Clause 11.1.1 of GCC.
17	Drawings			_	Kindly provide the drawings of the existing FOB and utilities.	Refer Clause A7 of ITT and Clause 4.9 of GCC. Further, No Change in Tender Condition.
18	General			_	Kindly provide KMZ file of this project.	Refer Addendum-2.
19	ER- Functional Page No.16	2.1	LUMPSUM SCOPE OF WORK	LUMPSUM SCOPE OF WORK – (Viaduct, Viaduct in station excluding concourse portion)	Please confirm that the platform structure within the non-concourse station zone is excluded from the Lump Sum (Schedule A) scope of works.	Yes, refer Addendum-2.
20	ER- Functional Page No.16	2.1	LUMPSUM SCOPE OF WORK	LUMPSUM SCOPE OF WORK – (Viaduct, Viaduct in station excluding concourse portion)	Please confirm that the pier cap supporting the platform structure within the non-concourse station zone is excluded from the Lump Sum (Schedule A) scope of works.	No, refer Addendum-2.
21	ER- Functional Page No.16	2.1	LUMPSUM SCOPE OF WORK	LUMPSUM SCOPE OF WORK – (Viaduct, Viaduct in station excluding concourse portion)	Please confirm that the pier and foundation supporting the platform structure and viaduct within the non-concourse station zone are excluded from the Lump Sum (Schedule A) scope of works.	No, refer Addendum-2.
22	ER- Functional Page No.16	2.1	LUMPSUM SCOPE OF WORK	LUMPSUM SCOPE OF WORK – (Viaduct, Viaduct in station excluding concourse portion)	Please confirm that only the viaduct structure (U-Girder) within the non-concourse station zone shall be considered part of the Lump Sum (Schedule A) scope of works.	No, refer Addendum-2.
23	ER- Design Page No.40	5.1	PRELIMINARY DESIGN SUBMISSION	(e) the preliminary equipment layouts and details	It is requested that this information be provided by the Employer, as the station design is not within the bidder's scope.	Refer Addendum-2.
24	ER- Design Page No.40	5.1	PRELIMINARY DESIGN SUBMISSION	(s) a review of permanent land requirement	It is requested that this information be provided by the Employer, as the station design is not within the bidder's scope.	No change in Tender conditions.
25	ER- Design Page No.40	5.2.1	DEFINITIVE DESIGN SUBMISSION	(i) electrical and mechanical services and equipment and their interaction with the structures	It is requested that this interface information be provided by the Employer, as electrical and mechanical (E&M) services are not within the bidder's scope.	No change in Tender conditions.
26	OCS page no 230	10.1.7.6	Wind loading	All wind speeds referred beneath are based on gust speed. In service wind (with span erection) ≤ 20 m/s Gantry launching wind load ≤ 15m/s Tropical storm wind (with span erection) ≤ 42m/s Tropical storm is normally with advance warning and hence it is deemed to be possible that span under erection shall be completed and load transfer onto span jack prior to arrival of storm. Effect of gantry stability under self-weight only should be evaluated without any segment suspended and additional tie down system is to be provided if necessary. Two types of wind loading shall be considered: 1) In-service wind loading: wind while handling of span (lifting, lowering, etc) 2) Out-of-service wind loading: Typhoon wind loading	Please confirm that the design of the permanent viaduct structures for the launching girder load cases too shall conform to these specified wind criteria.	No change in Tender conditions.
27	OCS page no 248	10.3.9	Tests of Precast Girders	a) Initial Test The first precast girder shall be tested till its failure in order to determine the strength of girder during service. Stress and strain gauges shall be fixed in the test girder for observing the results of load testing. The contractor shall carry out the initial load test including providing all instrumentation, testing infrastructure, T&P, labour and incidental works at no extra cost to the department. The contractor shall submit testing methodology and final test report to the engineer-in-charge	Due to inherent structural safety margins, assessing the exact load at which the girder will fail is practically unfeasible. We request that initial testing be limited to Ultimate Limit State (ULS) loads. Please confirm.	No change in Tender conditions.
28	OCS page no 249	10.3.9	Tests of Precast Girders	b)Routine Load Tests Routine load tests shall be conducted on working pre-cast girders. Total number of such tests shall be 1% of the total number of girders. The girders shall be subjected to a midpoint load (in addition to the self-weight of the girder) so as to subject the girder equivalent to 1.5 times the moment during service.	The load factor for girder design is 1.2 for SIDL and 1.1 for Live Load. Testing the girders to 1.5 times the service moment will result in the overstressing of members. As these girders are intended for incorporation into the permanent works post-testing, we request that routine load testing be limited to design moments only.	No change in Tender conditions.
29	ODS Page 5 & 6 Volume 7 Page no 77	5.6 7.3	LIQUEFACTION	Volume 4, ODS: 5.6 LIQUEFACTION Liquefaction shall be considered as per IS 1893 (Part 1) : 2016 - "Design Earthquake Hazard and Criteria for Earthquake-Resistant Design of Structures — Code of Practice Part 1 General Provisions". The design Ground water table shall be used for liquefaction potential calculation. The Moment Magnitude Mw to be taken in design shall be 7.0 as per Table-6 of IS 1893 (Part 1) : 2016. The factor of safety shall be more than 1.2 to ascertain that the strata is not liquefiable. The Liquefaction shall be calculated separately for SLS & ULS condition based on respective "Z" value as specified in clause 6.7.1 of ODS. Volume 7, Part 1 7.3 Results of Liquefaction Analysis The liquefaction assessment has been carried out for each borehole along the alignment in accordance with Annex F of IS 1893 (Part 1): 2016, as briefly methodology described in Section 7.2 of this report. The seismic parameters have been adopted as defined in Section 7.2.11. For a conservative evaluation, the groundwater level has been assumed at ground level; however, during the field investigation (December 2025 to March 2026), the groundwater table was observed to vary between approximately 9.0 m and 14.0 m below existing ground level (OGL).	Liquefaction analysis in Volume 7 has been carried out considering water table at Ground Level which is highly conservative as water table has been encountered at level 9 m to 14 m below GL. As per ODS, design water table is to be considered 4 m above the maximum of water table reported in Geotechnical report provided by NMRC, CGWB report & Geotech report to be provided by contractor. Hence, liquefaction depths as reported in Volume 7 will have to be reassessed based on actual design water level. Please confirm.	Refer Addendum-1.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
30	ODS Page 5 & 6 Volume 7 Page no 76	5.6 7.2.11	LIQUEFACTION	Volume 4, ODS: 5.6 LIQUEFACTION Liquefaction shall be considered as per IS 1893 (Part 1) : 2016 - "Design Earthquake Hazard and Criteria for Earthquake-Resistant Design of Structures — Code of Practice Part 1 General Provisions". The design Ground water table shall be used for liquefaction potential calculation. The Moment Magnitude Mw to be taken in design shall be 7.0 as per Table-6 of IS 1893 (Part 1) : 2016. The factor of safety shall be more than 1.2 to ascertain that the strata is not liquefiable. The Liquefaction shall be calculated separately for SLS & ULS condition based on respective "Z" value as specified in clause 6.7.1 of ODS. Volume 7, Part 1 7.2.11 Consideration of Parameters for Liquefaction Assessment The following information has been considered in the Liquefaction calculation • Noida, Uttar Pradesh (Zone IV [IS-1893 Part-1: 2016 / Fig. 1] • Peak Ground Acceleration = 0.24 [IS-1893 Part-1: 2016 / table: 3] • Magnitude of Earthquake = 7.5 to 8.0 [IS-1893 Part-1: 2016 / Annex: 1]	Liquefaction analysis in Volume 7 has been carried out considering Magnitude of earthquake as 7.5 to 8.0 while as per Volume 4, Outline Design specification magnitude of earthquake is to be considered as 7.0. Hence, liquefaction depths as reported in Volume 7 are highly conservative and will have to be reassessed based on ODS Criteria. Please confirm.	Refer Addendum-1.
31	ODS page no 5	5.6	LIQUEFACTION	Volume 4, ODS: 5.6 LIQUEFACTION Liquefaction shall be considered as per IS 1893 (Part 1) : 2016 - "Design Earthquake Hazard and Criteria for Earthquake-Resistant Design of Structures — Code of Practice Part 1 General Provisions". The design Ground water table shall be used for liquefaction potential calculation. The Moment Magnitude Mw to be taken in design shall be 7.0 as per Table-6 of IS 1893 (Part 1) : 2016. The factor of safety shall be more than 1.2 to ascertain that the strata is not liquefiable. The Liquefaction shall be calculated separately for SLS & ULS condition based on respective "Z" value as specified in clause 6.7.1 of ODS.	Liquefaction depth for SLS & ULS are same. Please update this clause.	Refer Addendum-1.
32	ODS Page no 5&6	5.7	Soil Parameters	Vertical capacity then lesser values of horizontal & vertical capacity obtained from two boreholes shall be referred. 1) As per soil investigation report in the tender document. 2) As per soil investigation done by contractor. The soil investigation report of Bore hole done by contractor shall be compared by soil investigation report of the nearest Bore hole given in the tender document.	As the contractor is required to conduct borehole investigations using an approved, accredited laboratory in the presence of the Employer's representative, we request the withdrawal of the mandate to adopt the lower of the bearing capacities between Volume 7 and the contractor's report. This requirement contradicts the contract disclaimer stating that the provided soil report is for guidance only and the contractor must rely on their own investigations. **Part Design & Construction of Elevated Viaduct and 10 nos. of Elevated Stations for Extension Projects of NMRC's Aqua Line from Botanical Garden to Noida Sec-142 (from Chainage (-) 383.959 to 12130.143) and from Depot Station to Boraki MMTH (Chainage 28678.253 to 31263.482).** (xv) Results of sub-surface investigations conducted at project site are enclosed with the tender document. This information about the soil and sub-soil water conditions is being made available to the contractor in good faith and the contractor shall have to obtain the details of sub soil investigation independently. No claim whatsoever on account of any discrepancy between the sub surface conditions that may be actually encountered at the time of execution of the work and those given in these tender documents shall be admissible to the contractor under any circumstances. Provisions made in DBR shall prevail in this regard.	No change in Tender conditions.
33	ODS page no 6	6.1.1	Super imposed load	6.1.1 SUPER IMPOSED DEAD LOAD (SIDL) # in case cable trough cell is used; its weight will be 0.74 t/m	Please clarify the specific locations or conditions where trough cells are required to be used.	No change in Tender conditions.
34	ODS page no 8	6.4.1	Railway Vehicular Live Load	Moving load analysis shall be carried out in order to estimate the maximum longitudinal force, max shear and max BM. The simply supported structures shall be designed for Medium Metro Loading Envelopes as tabulated in Annexure-I of Model DBR of RDSO.	Annexure 1 of the RDSO Model DBR does not provide an Equivalent Uniformly Distributed Load (EUDL) for a 16T axle load. Therefore, the results derived from the moving load analysis should be adopted as the design values. Please confirm.	No change in Tender conditions.
35	ODS page no 11	6.5.3	Rail Structure Interaction	6.5.3 Rail Structure Interaction (LWR Forces) f) Minimum (unfactored) LWR force of 1.6t/m of span length shall be considered for design irrespective of number of tracks.	Please provide the specific value to be considered for radial Long Welded Rail (LWR) forces for structures located on curved alignments.	No change in Tender conditions.
36	ODS page no 11	6.5.3	LWR	4. LWR forces shall be considered in appropriate load combinations as specified in cl. 7.0 Load Combinations (Ground IIIb) of the DBR.	In the absence of specific code guidelines, please specify the permissible percentage increase in allowable pile geotechnical capacity for LWR load combinations.	No change in Tender conditions.
37	ODS page no 12-16	6.7	SEISMIC FORCE (EQ)	6.7 SEISMIC FORCE (EQ) The purpose of this section is to summarize the methodology and the assumptions that shall be used for the seismic analysis. 6.7.1 Seismic Design Seismic design philosophy as stated in IRS Seismic Code with Updating in Codal provisions which are referred from IS 1893 (Part-1) as per the latest version.....	The entire section regarding Seismic Forces and its sub-clauses must be updated to align with IS 1893:2016, as the currently referenced clauses are based on the withdrawn IS 1893:2025 standard.	Refer Addendum-1.
38	ODS page no 26	12.3b	Swlenderness Moments	b) Piers The effective length of a cantilever pier for the purpose of slenderness ratio calculation will be taken as per Table-18 of IRS-CBC. Ductile detailing is mandatory. In this project most of the columns are isolated columns with elastomeric bearing supporting the superstructure. In either direction the effective length will be taken as 2.3L0 (case 7). Here L0 represent height of column from top of footing slab/Pile cap to top of pier cap. Effective length of portal column in longitudinal direction will be taken similar to singe column i.e. 2.3L0 and for transverse direction it should be taken as 1.5 L0 (case 6). The design of pier shall be done as per clause 15.6 of IRS CBC.	Clause from IRS:CBC is as below: **15.6.2 Moments and Forces in Columns** – The moments, shear forces and axial forces in a column shall be determined in accordance with 13.1 except that if the column is slender the moments induced by deflection shall be considered. An allowance for these additional moments is made in the design recommendations for slender columns, which follow, and the bases or other members connected to the ends of such columns shall also be designed to resist these additional moments.	No change in Tender conditions.
39					Please confirm that in light of above clause, foundations for slender column shall be designed for ULS load combinations for slenderness moments for columns.	No change in Tender conditions.
40	ODS page no 26	12.3b	Pier Ductile design	b) Piers The effective length of a cantilever pier for the purpose of slenderness ratio calculation will be taken as per Table-18 of IRS-CBC. Ductile detailing is mandatory.	Annex B3 of the IRS Seismic Code mandates a minimum of 0.8% reinforcement for ductile detailing in piers. We understand this minimum requirement applies only when seismic combinations govern the pier design. Please confirm.	No change in Tender conditions.
41				b) Piers The effective length of a cantilever pier for the purpose of slenderness ratio calculation will be taken as per Table-18 of IRS-CBC. Ductile detailing is mandatory.	As per Annex B3.1.1 of IRS Seismic Code, for ductile detailing , reduction of reinforcement at mid-height is not permitted except for tall piers of height more than 30 m. We understand that this minimum requirement will be valid only if seismic combination are governing design for piers. Reinforcement required for seismic combinations will not be curtailed, however, reinforcement not required to meet seismic demand at base can be curtailed. Please confirm.	No change in Tender conditions.
42	ODS page no 27	12.4.1	Pile Geo tech capacity	p) While calculating Vertical capacity in Seismic case, for soil exhibiting a factor of safety against liquefaction up to 1.4, the soil's angle of internal friction "ϕ" and cohesion of soil "c" shall be ignored. However, the horizontal subgrade modulus (providing lateral restraint) may be taken into consideration	For factor of safety against liquefaction as 1.2, soil is assumed to be non-liquefiable. Hence, this clause should be modified to read "While calculating Vertical capacity in Seismic case, for soil exhibiting a factor of safety against liquefaction up to 1.2, the soil's angle of internal friction "ϕ" and cohesion of soil "c" shall be ignored.	Refer Addendum-1.
43	Alignment Drawing & Span Arrangement			-	Please provide the AutoCAD (.dwg) files for the alignment and topographical drawings. This is necessary to accurately finalize pier locations, evaluate eccentricities with respect to the alignment, and determine portal span lengths.	Refer Addendum-2.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
44	Alignment Drawing & Span Arrangement			-	Please confirm that the contractor has the liberty to finalize the span arrangement based on the optimized superstructure, substructure, and foundation designs.	The design of Viaduct, including span arrangement finanlization and interface with the utility owning agencies is in the scope of work as per Clause 2.1 (iii), point 8 of Notes of Clause 2.1, Clause 2.1.A.1, 2.1.A.3 & 2.1.A.7 of Employer's Requirements - Functional.
45	Alignment Drawing & Span Arrangement			-	Please confirm if there is a stipulated maximum span length restriction for the standard U-Girders.	Maximum span for U-Girder is 28m.
46	Alignment Drawing & Span Arrangement			-	Please confirm that adequate vertical and horizontal clearances have been maintained at locations crossing the Blue Line, Pink Line, and existing flyovers. We are unable to verify this independently as the levels for the underlying structures have not been provided.	The design of Viaduct, including span arrangement finanlization and interface with the utility owning agencies is in the scope of work as per Clause 2.1 (iii), point 8 of Notes of Clause 2.1, Clause 2.1.A.1, 2.1.A.3 & 2.1.A.7 of Employer's Requirements - Functional. Refer clause 8.8 of Employer's Requirements - Construction and Addendum-2.
47	Alignment Drawing & Span Arrangement			-	Please specify the minimum required clear distance between the existing IGL pipeline and the proposed pile foundations.	Minimum clearance required for IGL pipeline is 2m and there is a Gail Pipeline for which clearance will be 10m from upline and 5m from Downline of the GAIL Pipeline as marked in GAD. Further, the design of Viaduct, including span arrangement finanlization and interface with the utility owning agencies is in the scope of work.
48	Alignment Drawing & Span Arrangement			-	Please review Pier locations provided near Chainage 1660 near IGL Pipe Line. Span length may required to be increased to ensure clearances of foundations from IIGL pipe line.	The design of Viaduct, including span arrangement finanlization and interface with the utility owning agencies is in the scope of work as per Clause 2.1 (iii), point 8 of Notes of Clause 2.1, Clause 2.1.A.1, 2.1.A.3 & 2.1.A.7 of Employer's Requirements - Functional.
49	Alignment Drawing & Span Arrangement			-	Please review the pier arrangement immediately following Noida Office Station. The current location interferes with an existing covered drain, requiring shifting and change in span arrangement.	The design of Viaduct, including span arrangement finanlization and interface with the utility owning agencies is in the scope of work as per Clause 2.1 (iii), point 8 of Notes of Clause 2.1, Clause 2.1.A.1, 2.1.A.3 & 2.1.A.7 of Employer's Requirements - Functional.
50	Alignment Drawing & Span Arrangement			-	Between Chainage 3480 and 3780, the alignment is positioned on the road where an adjacent underpass makes the provision of portal piers difficult. We request the alignment be shifted towards the road edge in this section.	There is no portal pier in the said chainage of tender drawing. Further, The design of Viaduct, including span arrangement finanlization and interface with the utility owning agencies is in the scope of work as per Clause 2.1 (iii), point 8 of Notes of Clause 2.1, Clause 2.1.A.1, 2.1.A.3 & 2.1.A.7 of Employer's Requirements - Functional.
51	Alignment Drawing & Span Arrangement			-	Please review Pier Arrangement from Chainage 5140 to 5260. All foundations are very close to IGL Pipe line and construction may not be permitted. This will require shifting of Pier or special spans may be required.	The design of Viaduct, including span arrangement finanlization and interface with the utility owning agencies is in the scope of work as per Clause 2.1 (iii), point 8 of Notes of Clause 2.1, Clause 2.1.A.1, 2.1.A.3 & 2.1.A.7 of Employer's Requirements - Functional.
52	Alignment Drawing & Span Arrangement			-	Please review Station Start Pier Location for Noida Sec 105 Station. Foundation may interfere with Drain & station will be required to shift increasing the special span length	No change in Tender conditions.
53	Alignment Drawing & Span Arrangement			-	Please provide separate Rail Levels & GL of both side tracks beyond Chainage 11180	Refer Addendum-2.
54	Alignment Drawing & Span Arrangement			-	Alignment Drawing beyond Chainage 28678 is in Black & white & provided details are unclear. Please share CAD file for understanding the alignment & topo	Refer Addendum-2.
55	Tender drawing			Precast pier cap has been shown for eccentric pier caps.	Please confirm that precasting is not mandatory for eccentric pier caps. Due to the dense reinforcement required on the tension face, anchoring the bars into the central drum via stitch concrete is not recommended, and the pier capacity at pier-to-pier-cap junction will be inadequate if precasting is enforced.	No change in Tender conditions.
56	Tender drawing			Precast portal beam has been shown.	Since portal spans as per alignment drawings are of the order of ~25 m and more, precast portal beams will not be possible. Pl confirm cast-in-situ portal beam will be permitted.	No change in Tender conditions.
57	NIT page no 2	1.1.2	Key Details	The Tender Submission is due on 12th June, 2026	Request you to extend the date of tender submission for 15 days i.e. 29th June, 2026.	No change in Tender conditions.
58	General-Design			Employer Requirement- Outline Design Specifications	Please clarify what is the maximum span length to be considered in case of U-Girders standard spans. Also, please provide the applicable span curvature along with limit to not-U-Girder in Curvatures	Maximum span for U-Girder is 28m and minimum radius of curvature shall be 300 mm for Standard U-Girders. Further, refer clause 2.1 (xii) of Employer's Requirements-Functional.
59	General-Design			Employer Requirement- Outline Design Specifications	Kindly provide the drawings of Electrical (underground and overhead), portable drinking water pipe line and sewer Utilities that might be in the alignment in case of shifting of the same. Detailed utility layout plan indicating all chartered utilities are required to plan the pier positions and span arrangement finalizations.	The identification of utilities and interface with the utility owning agencies is in the scope of work as per Clause 2.1 (iii), point 8 of Notes of Clause 2.1, Clause 2.1.A.1, 2.1.A.3 & 2.1.A.7 of Employer's Requirements - Functional. Further, refer Clause A7 of ITT and Clause 4.9 of GCC.
60	General-Design			Employer Requirement- Outline Design Specifications	Can Contractor propose 3-Girder System in case of composite steel / PSC-I Girder for spans other than U-Girder Superstructure standard spans. Kindly confirm	No change in Tender conditions.
61	General-Design			Employer Requirement- Outline Design Specifications	Please clarify, in case of portal piers, if warranted, can contractor proposed portal beam resting on bearings or it should be fixed ends only.	No change in Tender conditions.
62	General-Design			Employer Requirement- Outline Design Specifications	Pier Shape - shape of the pier (Circular/ rectangular) can be considered as per design requirement. Please confirm. Please provide the limiting dimensions in longitudinal (or) Transverse directions for pier sizing.	No change in Tender conditions. Minimum 1800 mm dimensions shall be limiting criteria.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
63	General-Design			Employer Requirement- Outline Design Specifications	For Cross over span Bearing will be elastomeric or POT / Spherical type, please clarify	No change in Tender conditions.
64	General-Design			Employer Requirement- Outline Design Specifications	No typical details of OHE masts are given, contractor is free to provide as per standards, please confirm	Refer tender drawing no. NGN-VID-TED-STR-10112.
65	General-Design			Employer Requirement- Outline Design Specifications	At locations where minimum vertical clearance is not available does NMRC revise the vertical alignment profile and provide for further working. Please clarify?	The design of Viaduct, including span arrangement finanlization is in the scope of work. Refer clause 2.1 (v), (vi), (viii) & (ix) of Employer's Requirements - Functional.
66	General-Design			Employer Requirement- Outline Design Specifications	Please confirm, whether contractor needs to redesign the alignment plan & profile or the drawings shared as part of contract agreement should be adhered. In case of any variation in levels / geometry as per design requirements, shall be treated as variation. Kindly confirm	The design of Viaduct, including span arrangement finanlization is in the scope of work. Refer clause 2.1 (v), (vi), (viii) & (ix) of Employer's Requirements - Functional.
67	General-Design			_	Kindly share the HFL details of the Nallah.	The HFL of the Nallah is 196.8 m.
68	ER functional page no 19	Notes	LUMPSUM SCOPE OF WORK	NOTES: 1) Pile foundation for Viaduct & Viaduct in station excluding concourse portion, shall be of minimum of 1000mm dia. with or without permanent liners with hydraulic rotary piling rigs. 2)Earth filling of pile cap area falling off the road to be done with proper compaction with Contractor's own good earth wherever required. For the area falling on the road, backfilling shall be done with sand as per Outline Construction Specification (OCS). 3)It is obligatory for the contractor to provide a single pier structure in the viaduct of minimum dia 1.80 m. 4)Contractor has to maintain a minimum vertical clearance of 5.5m from road surface to bottom of any structure. 5)The location of piers should be decided in such a way that they do not disturb the road geometry and also should not obstruct the traffic flow for which the decision of NMRC shall be final. The accuracy of alignment and interface with adjoining contractor shall also be responsibility of the contractor.	Bidder understands that the span arrangement (Pier location) provided in GAD is tentative and shall be decided by the bidder as per design requirements satisfying the vertical clearances considering the proposed RTLs and road/rail geometry.	The design of Viaduct, including span arrangement finanlization is in the scope of work. Refer clause 2.1 (v), (vi), (viii) & (ix) of Employer's Requirements - Functional.
69	ER functional page no 16	2.1 (ix)	LUMPSUM SCOPE OF WORK	(ix) All Piers location, span arrangement for special/ obligatory spans have been shown in the alignment GAD drawings. These special spans / obligatory span lengths may have to be changed as per requirements of the concerned authorities.	Kindly check there may be requirement of special span over the existing (skew) metro crossing. Can Contractor propose alternative option of obligatory span. Please clarify.	The design of Viaduct, including span arrangement finanlization is in the scope of work. Refer clause 2.1 (v), (vi), (viii) & (ix) of Employer's Requirements - Functional.
70	ER functional page no 16	2.1 (viii)	LUMPSUM SCOPE OF WORK	(Viii)Design, construction & erection of special spans. Type of bridge and method of construction shall be approved by NMRC prior to execution of work. This includes all temporary works such as shoring, staging, any other related works. Apart from special spans indicated in GAD, there may be requirement of additional special spans as per the site conditions / NMRC or civic requirement, which is also included in lump-sum price. (ix)All Piers location, span arrangement for special/ obligatory spans have been shown in the alignment GAD drawings. These special spans / obligatory span lengths may have to be changed as per requirements of the concerned authorities.	Bidder understands that the type of superstructure for special span shall be decided by the bidder as per design and erection adequacy	Refer Clause 2.1 (viii) & (ix) of Employer's Requirements - Functional.
71	ODS Page no 5	5.6	LIQUEFACTION	Liquefaction shall be considered as per IS 1893 (Part 1) : 2016 - "Design Earthquake Hazard and Criteria for Earthquake-Resistant Design of Structures — Code of Practice Part 1 General Provisions". The design Ground water table shall be used for liquefaction potential calculation. The Moment Magnitude Mw to be taken in design shall be 7.0 as per Table-6 of IS 1893 (Part 1) : 2016. The factor of safety shall be more than 1.2 to ascertain that the strata is not liquefiable.The Liquefaction shall be calculated separately for SLS & ULS condition based on respective "Z" value as specified in clause 6.7.1 of ODS.	Bidder requests to modify the Factor of safety to be more than 1.	Refer Addendum-1.
72	ODS Page no 12	6.7	Seismic Force	6.7.1- The peak ground acceleration denoted as zone factor is taken as 0.35 for ULS & 0.235 for SLS since Noida is situated in zone IV of seismic map of India. 6.7.2- Normalized horizontal PSA corresponding to natural period TH of the structure (ANH(TH) vs TH) as prescribed in clause 6.2.3.2, 6.2.3.3, 6.2.3.4 & 6.3.1 of IS 1893 (Part-1)-2016. 6.7.3- Horizontal Seismic Coefficient The horizontal seismic design coefficient shall be calculated as per following expression AHD = Z * (I/R) * ANH(TH) 6.7.4- Response reduction factor 6.7.5- Vertical seismic coefficient The design vertical acceleration coefficient of the structure shall be calculated as per following expression AVD = Z * I * ANV(TV). 6.7.6- Computation of Fundamental period of vibration - b Stiffness-Soil flexibility- as per clause 8.3.1.5 of IS 1893 (Part-1), the modulus of subgrade reaction K of soils shall be considered to vary over the range 0.5 K to 1.5 K, where K is estimated from field tests. Structural analysis shall be performed using a 3D structural model with subgrade modulus varied as specified above, and the structure shall be designed for adequacy to resist the overall structural displacements, structural deformations and member strengths induced in it.	Bidder understands that the seismic design frovided in clause 6.7 is wrt. IS 1893-2025. As the code IS:1893-2025 is withdrawn, we request you to kinly revise the clause accordingly as per IS:1896-2016.	Refer Addendum-1.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
73	ER functional page no 16	2.1 (viii)	LUMPSUM SCOPE OF WORK	Volume-3, B. EMPLOYER'S REQUIREMENTS – FUNCTIONAL - 2.1 Lumpsum scope of work, (xii) Standard spans for viaduct shall be 28m Twin U-Girder Spans except obligatory spans/ special spans shown in GAD, However, in case of sharper radius wide U-Girder may have to be used without any extra cost. The Span arrangements of Viaduct have to be decided in such a way that pier locations do not disturb the road geometry, ROW, clear carriageway width of roads, flow of nallah, utilities and traffic flow. The max. Cantilever permissible is 2.5 m. Volume-5, Part 5, Drawing No. NGNE-VID-TED-STR-10102 (GENERAL ARRANGEMENT OF ECCENTRIC PIER CAP SUPPORTING U-GIRDERS) includes a note stating:	There appears to be an inconsistency between the maximum permissible cantilever of 2.5m specified in the functional requirements and the geometric limitation of E <= 2.0m provided in the standard tender drawing. If the maximum cantilever of 2.5m (as per Volume 3) is permissible, can you please provide the general arrangement to be adopted for pier caps where the eccentricity (E) is between 2.1m and 2.5m?	No change in Tender conditions.
74	GCC page no 26	4.12	Right of way and facilities	The Employer will acquire and provide land for Permanent Works and right of way (within NMRC's land) for access thereto over routes established by the Contractor. The Contractor shall bear all cost and charges for special or temporary rights of way which he may require including those for access to the Site. The Contractor shall also obtain, at his risk and cost, any additional facility outside the Site which he may require for the purpose of the Works. The Employer reserves the right to make use of these service roads/rights of way for itself or for other Contractors working in the area, as and when necessary without any payment to the Contractor.	Request you to handover 80% land on date of commencement & 20% within three months of commencement date	No change in Tender conditions.
75	GCC page no 26	2.2 8.3	Access to and Possesion of the Site Delay	2.2 For any such delay in handing over of site, Contractors will be entitled to only reasonable extension of time and no monetary claims, whatsoever shall be paid or entertained on this account 8.3 Failure or delay by the Employer or the Engineer, to hand over to the Contractor the Site necessary for execution of Works, or any part of the Works, or to give necessary notice to commence the Works, or to provide necessary Drawings or instructions or clarifications or to supply any material, Plant or Machinery, which under the Contract, is the responsibility of the Employer, shall in no way affect or vitiate the Contract or alter the character thereof; or entitle the Contractor to damages or compensation thereof but in any such case, the Engineer shall extend the time period for the completion of the Contract, as in his opinion is/are reasonable.	Request you to extend both time and cost compensation in case of delay in handover of ROW, design & drawings.	No change in Tender conditions.
76	GCC page no 25	4.9	Site Data	The Contractor shall conduct further investigations considered necessary by him at his own cost and any error, discrepancies if found in Employer's data at any stage will not constitute ground for any claim for extra time, damages and costs. The Contractor shall not be relieved from any risk or obligation imposed on or undertaken by him under the Contract on any such ground or on the ground that he did not or could not foresee any matter which may affect or have affected the execution of the Works, or compliance with his other obligations under the Contract	It is nearly impossible for a bidder to conduct detaled investigation in a given short time. We request you to consider any changes in the given data as a variation.	No change in Tender conditions.
77	GCC page no 55	11.2.5	Interest in Case of Delay in Repayment of Advances	Should there be delay in the progress and completion of Work, as a result of Delay in of which it is not possible to recover the Advances and interest thereon, Repayment of before the date of completion stipulated in the Contract, then the interest Advances to be charged from the Contractor on the remaining portion of the Advances beyond the original completion date specified in the Contract, shall be equal to State Bank of India's Marginal Cost of fund based Lending Rate (MCLR) applicable for the tenure of 01 year prevailing on the original completion date specified in the Contract plus 3% Penal Interest per annum.	We request you to revise the clause so that interest will be changed during extended duration only against the delays attributable to contractor.	No change in Tender conditions.
78	GCC page no 79	17.1	Interest on Arbitration Award	Where the Arbitral award is for the payment of money, no interest shall be Arbitration payable on whole or any part of the money for any period, till the date on Award which the award is made	We request you to consider interest cost on the Arbitral award payments.	No change in Tender conditions.
2.0 M/s Tata Projects Limited						
79	GCC page no 15	2.2	Access to Site	Access to Site : After award of the work, The Engineer shall grant the Contractor right of access to, and /or possession of, the Site progressively for completion of Works.	The Keydate for handing over initial 2km is 15months and complete handover to be completed in 28 months. To achieve these key dates, we require 100% land Handover, within 90 days from the commencement of work. Hence, we request to please provide chainage wise & date wise breakup's of site that will be made available to Contractor. Please confirm.	No change in Tender conditions.
80	GCC page no 15	2.2	Access to Site	Access to Site : For Delay in handing over of Site, Contractor will be entitled to only reasonable extension of Time and no monetary claims whatsoever shall be paid or entertained on this account.	In the event of any delay in handing over the site, the Contractor's resources (including manpower and equipment) will remain idle. This will be additional cost to Contractor. We request the Client to compensate these costs on mutually agreed modality during execution of Project.	No change in Tender conditions.
81	SCC page no 15	21	Price Variation	Price Variation : The Price Variation shall be payable upto a capped limit of 20% of the Contract Value under this contract.	In the current scenario, it is extremely difficult to accurately anticipate price variations of materials, particularly fuel. Imposing a cap of only 20% on such variations may lead to potential financial losses for the Contractor, which are likely to be factored into their bids as a risk mitigation measure. In view of the above, we request the Client to reconsider this provision and remove the said cap, allowing reimbursement based on actual costs incurred. Please confirm.	No change in Tender conditions.
82	ER Appendix-Page no 72	2B	Key Dates	KD-6 : Casting of 1st U-Girder = 18weeks = 4.2months	We request to kindly relax this Key date by at least 6 months [i.e. 26 weeks from Commencement] as, Mobilisation of entire resources, setting up the Casting yard will take time. Please confirm.	No change in Tender conditions.
83	ER Appendix-Page no 72	2B	Key Dates	KD-8.iii : Full Access of the Viaduct including in station area to Track contractor for Laying Track. = 122weeks = 28months	The Project duration is of 36 months, however Full access of Viaduct is to be completed in 28months. Please note, in order to achieve the same Contractor will be required to increase the resources which will add up to Overall cost. Hence, we request client to kindly relax this Key date to 150 weeks from commencement. Please confirm.	No change in Tender conditions.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
84	ER Functiona Page on 19	2.1	LUMPSUM SCOPE OF WORK	The pile cap level shall have to be kept below the drain wherever the same is fouling with drain and the demolished drain shall have to be restored back with specifications approved by utility owning agency after casting the pile cap.	Special Spans between Ch : 11+560km to Ch : 11+700km, have foundation proposed inside the existing Nallah. We request client to provide Cross-sectional drawing of the drain including invert level, water level etc. Please confirm.	Bed level - 193.56 m. HFL level - 196.80 m. Further, refer Clause A7 of ITT and Clause 4.9 of GCC. The design of Viaduct is in the scope of work and therefore, the necessary interface for approval of Viaduct from Irrigation Department shall be in the scope of work. Refer Addendum-2.
85				The Employer shall have the right to stop the work at his sole discretion, if in his opinion the work is being carried out in such a way that it may cause environmental degradation. The Contractor shall not be entitled for any damages / compensation for stoppage of work.	As per the defined milestones, 15 km of viaduct is required to be handed over within 28 months. However, the project region is subject to recurring NGT/CAQM/ Noida Authority restrictions, resulting in work stoppages for approximately 20–30 days annually. In view of this, we request the Authority to kindly consider provision for cost compensation towards idling during the ban period, based on mutually agreed terms at the execution stage. Kindly provide confirmation.	No change in Tender conditions.
86	ER Functiona Page on 19	2.1	LUMPSUM SCOPE OF WORK	Diversion of Charted Utilities is under Lump Sum scope. Charted utilities comprises of All existing above ground utilities falling along the alignment (including Viaduct & stations) along with their underground/ elevated connections except Overhead HT Lines above 11 KV.	We request client to provide detail drawings of all such utilities [preferably on Autocad] to help us identify the quantum of such utilities. Please confirm.	Further, refer Clause A7 of ITT and Clause 4.9 of GCC.
87	ER Appendix-Page no 71		Appendix-2A	Employer will provide the work area of Approx. 60,000 sq.m. for Casting Yard within 45 Km radius of work site as per availability for construction of precast elements	Casting yard location at distance of 45km is considerably large in a Metro Project, such distance will add up to the Transport cost of the Project as there are many precast units involved [such as U-girder, I-girder, Piercaps etc]. Hence, we request client to please provide land closer to site. Ideally at a distance of 5km radius. Please confirm. Also we request client to provide approx. 15 acres land within 5km radius for dumping of excavated muck. Please confirm.	No change in Tender conditions.
88	ER Functiona Page on 19	2.1	LUMPSUM SCOPE OF WORK	The supervision charges require by the Utility owning agencies such as UPPCL, UPPTCL, PVNL, Local Authorities, etc. for chartered utilities shall be borne by contractor.	We request client to let us know these charges to help us consider the same in our Estimate. Please confirm.	The identification of utilities and interface with the utility owning agencies is in the scope of work as per Clause 2.1 (iii), point 8 of Notes of Clause 2.1, Clause 2.1.A.1, 2.1.A.3 & 2.1.A.7 of Employer's Requirements - Functional. Further, refer Clause A7 of ITT and Clause 4.9 of GCC.
89	BOQ	Schedule B1		Total Cost for foundtaions all stations, entry exit and FOBs, is given as 67.2Cr.	Based on the geotechnical details provided in the tender document and the foundation design derived from them, we observe that the cost allocated for the foundations appears to be on the lower side. We kindly request the authority to review and re-evaluate the foundation design and the associated costs accordingly. We request you to please reassess and revise the cost as deemed appropriate.	No change in Tender conditions.
90	BOQ page no 16	Schedule B1	Item no - B1.5.12	As per item no - B1.5.12, Contractor needs to Cut & Transplant 5082 nos. of trees for station foot prints.	As per our primary survey, for complete Viaduct & Station, more than 10,000 nos. of trees need to be transplanted. 1. Since the numbers are very high, we request authority to take all permissions from relevant agencies and pass on to the Contractor. 2. Considering, compensatory transplant of 5 times of cut trees, we need to plant, approx. 50,000 nos of trees, which will require 50 acres of land. Please provide details of Land for Transplantation of these trees.	No change in Tender conditions.
91	BOQ	Schedule B1		Excavation of Pile cap for Station works.	It is observed in the Station BOQ that excavation quantity is missing. Hence, we request client to please provide the same. Please confirm.	Refer item no. 1.1.16 of Schedule B1 of BOQ.
92	BOQ page no 16	Schedule B1	Item no B1.5.13	Item no B1.5.13 : Payment for Transplanting of Trees (iii) 30% after completion of maintenance period of one year	We request client to release these payment at Project completion.	No change in Tender conditions.
93	Tender Drawing			Span arrangement	Since it is EPC basis, we consider that span arrangement given is not mandatory and bidder has freedom to change the spans, except Obligatory, Special & Water crossing spans. Please confirm.	The design of Viaduct, including span arrangement finanlization is in the scope of work. Refer clause 2.1 (v), (vi), (viii) & (ix) of Employer's Requirements - Functional.
94	General			AutoCAD Drawings & Alignment on Google Earth	Please provide AutoCAD formatted drawings and KMZ file for the alignment. This will help bidders for preparation of technical submittals for the bids.	Refer Addendum-2.
95	NIT page no 2	1.1.2	Key Details	Last Date & Time for seeking Clarification @ 26.05.2026 up to 1700hrs	We request client to allow Additional Queries last date as 01.06.26. Please allow.	No change in Tender conditions.
96	NIT page no 2	1.1.2	Key Details	Submission of Tender online @ 12.06.2026 up to 1500hrs	The Project involves Engineering design of nearly 15km Viaduct having special spans as well including site visit, planning & logistics working. Hence, in view of the same, we request client to atleast provide 4 weeks additional time [i.e. upto 12.07.2026]. Please confirm.	No change in Tender conditions.
3.0 M/s PNC Infratech Limited						

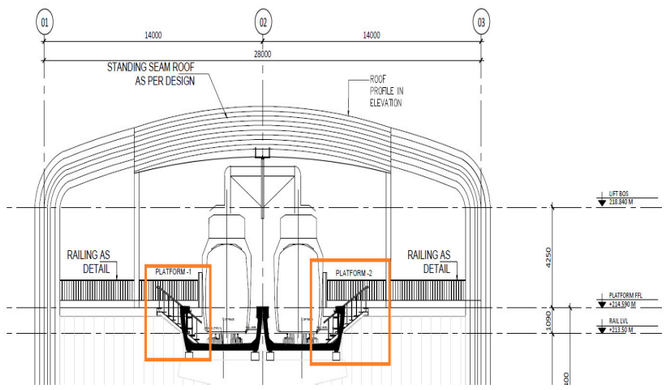
S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
96	NIT page no 10	1.1.3.2	Qualification Criteria	A. Work Experience: The tenderers will be qualified only if they have successfully completed work(s), completion date(s) of which falling during last seven (07) years ending last day of the month previous to the month of tender submission as given below (i) At least One "similar works" *each of value of INR 1,013.66 crore or more. OR (ii) Two "similar works" *each of value of INR 633.54 crore or more. OR (iii) Three "similar works" *each of value of INR 506.83 crore or more. The "Similar works" for this contract shall be "Design and Construction of Metro/RRTS/High Speed rail Viaduct having a pre-stressed concrete superstructure as well as construction of elevated metro stations,"	We respectfully submit that the existing eligibility condition mandating specific experience exclusively in Metro / High-Speed Railway / RRTS Viaduct projects may inadvertently restrict participation of otherwise competent and experienced infrastructure contractors who have successfully executed large-scale elevated structures such as elevated viaduct of comparable technical complexity and magnitude. It is pertinent to submit that the construction methodologies, engineering challenges, design principles, and structural systems involved in Pre-Stressed Concrete (PSC) elevated viaduct works are substantially similar and technically comparable to those adopted in Metro/RRTS viaduct construction. Contractors having successfully executed such infrastructure works possess equivalent technical expertise, construction capability, resource deployment capacity, and execution competence required for the subject project. Restricting the definition of "Similar Work" only to Metro / High-Speed Rail / RRTS projects may therefore limit wider participation and reduce healthy competition, despite the availability of several highly capable infrastructure contractors with extensive experience in execution of complex elevated PSC structures. In the interest of promoting broader participation, ensuring competitive bidding, and achieving greater value without compromising quality, safety, or technical standards, we kindly request the Authority to consider revising the PQ criteria as under: **Proposed Amendment in Definition of Similar Work:** "The 'Similar Works' for this contract shall mean Design and Construction of Metro / RRTS / High-Speed Rail Viaduct / Elevated Viaduct having a Pre-Stressed Concrete superstructure as well as construction of elevated metro stations It is further submitted that similar eligibility provisions have already been adopted by various Metro Rail organizations, including Jaipur Metro Rail Corporation and Maharashtra Metro Rail Corporation Limited, with the objective of encouraging fair competition and wider participation among experienced infrastructure contractors.	No change in Tender conditions.
97	NIT page no 11	1.1.3.2	Qualification Criteria	Individual Bidder or any substantial member of JV/Consortium should fulfil following conditions - a. Bidder should have successfully completed minimum 6 km or more of Elevated Metro/RRTS/High Speed rail viaduct in a single awarded contract. b. Bidder should have successfully completed minimum 4 nos. of Elevated Stations or more in Elevated Metro/ RRTS/High Speed Rail in a single awarded contract. c. Bidder should have successfully completed Architectural Finishing Work for minimum 04 nos. Elevated stations or more in Elevated Metro/RRTS/High speed Rail in a single awarded contract. d. Bidder should have successfully completed PEB structure work for minimum 04 nos. Elevated stations or more in Elevated Metro/RRTS/High speed Rail in a single awarded contract. e. Further, in case the bid is submitted by a Joint Venture (JV)/Consortium, each member of the JV/Consortium shall independently meet and demonstrate the similar work experience as stipulated above; failing which, the bid shall be treated as non-responsive and shall be rejected.	Individual Bidder or any substantial member of JV/Consortium should fulfil following conditions – a. Bidder should have successfully completed minimum 6 km or more of Elevated Metro/RRTS/High Speed rail viaduct/ Elevated Viaduct in a single awarded contract. b. Bidder (in case of JV/Consortium, at least one substantial partner) should have experience of construction of at least 4 nos. of 1 nos of elevated metro station either in work under (a) above or any work irrespective of value of work. c. Bidder (in case of JV/Consortium, at least one substantial partner) should have successfully completed Architectural Finishing Work for minimum 04 nos. Elevated stations or more in Elevated Metro/RRTS/High speed Rail in a single awarded contract. d. Bidder (in case of JV/Consortium, at least one substantial partner) should have successfully completed PEB structure work for minimum 04 nos. Elevated stations or more in Elevated Metro/RRTS/High speed Rail in a single awarded contract. e. Further, in case the bid is submitted by a Joint Venture (JV)/Consortium, each any member of the JV/Consortium shall independently meet and demonstrate the similar work experience as stipulated above; failing which, the bid shall be treated as non-responsive and shall be rejected.	No change in Tender conditions.
98	NIT Page no 10	1.1.3.2	Minimum Eligibility Criteria	A. Work Experience: The tenderers will be qualified only if they have successfully completed work(s), completion date(s) of which falling during last seven (07) years ending last day of the month previous to the month of tender submission as given below (i) At least One "similar works" *each of value of INR 1,013.66 crore or more. OR (ii) Two "similar works" *each of value of INR 633.54 crore or more.	We respectfully submit that the existing eligibility condition mandating specific experience exclusively in Metro / High-Speed Railway / RRTS Viaduct projects may inadvertently restrict participation of otherwise competent and experienced infrastructure contractors who have successfully executed large-scale elevated structures such as elevated viaduct of comparable technical complexity and magnitude. It is pertinent to submit that the construction methodologies, engineering challenges, design principles, and structural systems involved in Pre-Stressed Concrete (PSC) elevated viaduct works are substantially similar and technically comparable to those adopted in Metro/RRTS viaduct construction. Contractors having successfully executed such infrastructure works possess equivalent technical expertise, construction capability, resource deployment capacity, and execution competence required for the subject project. Restricting the definition of "Similar Work" only to Metro / High-Speed Rail / RRTS projects may therefore limit wider participation and reduce healthy competition, despite the availability of several highly capable infrastructure contractors with extensive experience in execution of complex elevated PSC structures. In the interest of promoting broader participation, ensuring	No change in Tender conditions.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
				OR (iii) Three "similar works" *each of value of INR 506.83 crore or more. The "Similar works" for this contract shall be "Design and Construction of Metro/RRTS/High Speed rail Viaduct having a pre-stressed concrete superstructure as well as construction of elevated metro stations,"	competitive bidding, and achieving greater value without compromising quality, safety, or technical standards, we kindly request the Authority to consider revising the PQ criteria as under: **Proposed Amendment in Definition of Similar Work:** "The 'Similar Works' for this contract shall mean Design and Construction of Metro / RRTS / High-Speed Rail Viaduct / Elevated Viaduct having a Pre-Stressed Concrete superstructure ~~as well as construction of elevated metro stations~~ It is further submitted that similar eligibility provisions have already been adopted by various Metro Rail organizations, including Jaipur Metro Rail Corporation, Maharashtra Metro Rail Corporation Limited, and Lucknow Metro Rail Corporation, with the objective of promoting fair competition and ensuring wider participation of competent and experienced infrastructure contractors. Copies of the respective NITs containing such pre-qualification criteria are attached herewith for your ready reference as Annexure-A.	
99					The bidder should have executed similar works directly in the capacity of an EPC contractor, either individually or as a member of a JV/Consortium, and not merely as a Project Implementation Agency (PIA), Employer's Representative, Project Management Consultant (PMC), Supervision Consultant, or material supplier. The experience considered for qualification should demonstrate actual responsibility for execution, construction management, system integration, testing, commissioning, and successful completion of the works. Any experience gained exclusively in the role of PIA, PMC, consultant, supervision agency, or material supplier, without direct execution responsibility as a contractor, shall not be considered for the purpose of qualification. It is further submitted that similar eligibility provisions have already been adopted by various authorities to ensure fair competition and participation of genuinely experienced EPC contractors; for example, a copy of the NIT invited by Jaipur Metro Rail Corporation & Lucknow Metro Rail Corporation is enclosed herewith as Annexure–A for ready reference.	No change in Tender conditions.
100				General - Proposed Pre-Qualification (PQ) Clause – Safety & Structural Performance Requirement:	The Bidder, either individually or as any member of a Joint Venture/Consortium, shall not have experienced any incident of collapse, partial collapse, major structural failure, or failure of temporary works including shuttering/ formwork/ falsework/ scaffolding systems associated with any superstructure (including but not limited to bridges, viaducts, elevated roads, flyovers, metro/rail viaducts, buildings, or similar civil structures) during the last five (5) years preceding the Bid Due Date.	No change in Tender conditions.
101	General				Kindly provide the KMZ file pertaining to the subject project/work for our reference and further study.	Refer Addendum-2.
4.0 M/s KEC International Limited						
102	General				Please provide Topo survey CAD copy, and please provide x,y,z coordinates for all GPS points/ control points.	No change in Tender conditions.
103	General				Please provide KMZ file pinpointing the location of all station with alignment of superimposed depot line.	Refer Addendum-2.
104	General				Bidders request is to provide Autocad copy for alignment, plan and all other structural drawings.	Refer Addendum-2.
105	Title box			Part Design & Construction of Elevated Viaduct and 10 nos. of Elevated Stations for Extension Projects of NMRC's Aqua Line from Botanical Garden to Noida Sec-142 (from Chainage (-) 383.959 to 12130.143) and from Depot Station to Boraki MMTH (Chainage 28678.253 to 31263.482).	As mentioned in Title of project, End station is "Noida Sector 142". But it is not found in GAD. Only 8 stations are there in Aqua line and 2 in Depot station.	The last station of extension from Botanical Garden is an already operational station of Noida Metro's Aqua Line i.e., Noida Sec-142. Refer tender drawings.
106	ER Functiona Page on 16	2.1 (ii)	LUMPSUM SCOPE OF WORK	Geotechnical Investigation Work at every pier location for Viaduct and Station including Entry/Exit & FOB.	Geotechnical Investigation Work at every pier location for Viaduct and Station including Entry/Exit & FOB.	No change in Tender conditions.
107	ER Functiona Page on 16	2.1 (iii)	LUMPSUM SCOPE OF WORK	Utility Investigation Work along the alignment for Viaduct as shown in the GAD.	Bidders understands that utility investigation work to be done bycontractor. However, Please provide utility mapping draiwng, if available.	The identification of utilities and interface with the utility owning agencies is in the scope of work as per Clause 2.1 (iii), point 8 of Notes of Clause 2.1, Clause 2.1.A.1, 2.1.A.3 & 2.1.A.7 of Employer's Requirements - Functional. Further, refer Clause A7 of ITT and Clause 4.9 of GCC.
108	ER Functiona Page on 16	2.1 (v)	LUMPSUM SCOPE OF WORK	Design & Construction of super structure of Standard U-Girder span and all other spans for Viaduct including Viaduct in station excluding the concourse portion	In scope of work, it is mentioned as "Viaduct in stations excluding the concourse portion", What will be in current scope.? Please give clearity	Refer Addendum-2.
109	ER Functiona Page on 17	2.1 (xxix)	LUMPSUM SCOPE OF WORK	Demolition/dismantling/Restoration of any structure. Restoration as per the original condition prior to the construction.	Bidders request to provide quantum of demolition/ dismantling/ restoration of structure.	Refer Clause A7 of ITT and Clause 4.9 of GCC. Further, No Change in Tender Condition.
110	ER Functional Page on 17	2.1 (xxix) (d)	LUMPSUM SCOPE OF WORK	Damage of any horticulture, landscaping, green area during currency of contract and its restoration to its original condition. The pile cap level shall have to be kept below the drain wherever the same is fouling with drain and the drain demolished shall have to be restored back with similar specifications after casting the pile cap, till such time arrangement of temporary drainage shall also be made to ensure proper drainage of water.	Bidders request to provide such possible length and location of drain to proper quantification as it will affect pile cap depth below ground.	Refer Clause A7 of ITT and Clause 4.9 of GCC. Further, No Change in Tender Condition.
111	ODS Page no 4	5.3	REINFORCEMENT STEEL (REBARS)	High strength deformed (HYSD) reinforcement bars of Fe-500D grade, conforming to IS 1786 and Clause 4.5 & 7.1.5 of IRS-CBC shall be used.	Bidders request permission to adopt Fe550 deformed bars as reinforcement steel (Rebars).	No change in Tender conditions.
112	ODS Page no 11	6.5.3 f	Rail Structure Interaction (LWR Forces)	Minimum (unfactored) LWR force of 1.6t/m of span length shall be considered for design irrespective of number of tracks.	Bidder request to adpt LWR force as per RSI study performed. 1.6t/m is seems to be on higher side as it affects the substructure sizes.	No change in Tender conditions.
113	ODS Page no 12	6.6	WIND LOAD (WL)	Design Wind Speed, Vz = Vb.k1.k2.k3.k4 Where Vb = Basic wind speed = 50 m/s for Noida Zone (as per National Building code). K1 = 1.08 for class IV type structure (§ table 1 of IS: 875 (Part 3)). k2 = 1.07 for category 2 (§ table 2 of IS: 875 (Part 3)) for 20m Height. k2 = 1.12 for category 2 (§ table 2 of IS: 875 (Part 3)) for 30m Height k3 = 1.0 (§ 6.3.3.1 of IS: 875 (Part 3)). K4=1.0 (for non-cyclonic zone as per clause 6.3.4)	As per IS 875 part III, Basic wind speed for Noida zone is 47m/s. Please confirm what wind speedneed to be considered for design.	No change in Tender conditions.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
114					Since all requirements of Employer's Requirement, Appendices, Drawings and future interface requirements are deemed included in Lump Sum price, kindly clarify the mechanism for payment of additional scope arising after bid submission due to change in statutory requirements/interface contractor requirements	No change in Tender conditions.
115	ER Functiona Page on 16	2.1 (vii)	LUMPSUM SCOPE OF WORK	Design, construction & erection of special spans. Type of bridge and method ofconstruction shall be approved by NMRC prior to execution of work. This includes alltemporary works such as shoring, staging, any other related works. Apart from specialspans indicated in GAD, there may be requirement of additional special spans as per the site conditions / NMRC or civic requirement, which is also included in lump-sum price.	Additional special spans may be required as per site/civic authority requirement and included in Lump Sum scope. Kindly specify maximum permissible number/length/type of special spans considered in tender.	No change in Tender conditions.
116	ER Functiona Page on 16	2.1 (ix)	LUMPSUM SCOPE OF WORK	All Piers location, span arrangement for special/ obligatory spans have been shown in the alignment GAD drawings. These special spans / obligatory span lengths may have to be changed as per requirements of the concerned authorities.	Since obligatory span lengths may change as per authority requirements, kindly clarify the compensation mechanism for changes in span arrangement, girder type, pier type and foundation quantities.	No change in Tender conditions.
117	ER Functiona Page on 16	2.1 (xii)	LUMPSUM SCOPE OF WORK	Standard spans for viaduct shall be 28m Twin U-Girder Spans except obligatory spans/ special spans shown in GAD, However, in case of sharper radius wide U-Girder may have to be used without any extra cost. The Span arrangements of Viaduct have to be decided in such a way that pier locations do not disturb the road geometry, ROW, clear carriageway width of roads, flow of nallah, utilities and traffic flow. The max. Cantilever permissible is 2.5 m.	Kindly confirm maximum curvature and maximum span variation considered for wide U-Girder usage under Lump Sum scope.	No change in Tender conditions.
118	ER Functiona Page on 16	2.1 (xiii-xiv)	LUMPSUM SCOPE OF WORK	All Viaduct foundation shall be on piles of minimum 1000 mm dia. with or without permanent liners as per site requirements except at location met with hard/rocky strata with adequate bearing capacity in which open / raft foundation may be provided duly anchored in rock. All piles shall be bored cast in-situ concrete driven by hydraulic rotary rig only. Permanent liners, if required at any location.	Permanent liner requirement and pile depth are currently undefined. Kindly clarify whether abnormal geological conditions leading to excessive pile depth/permanent liner quantities shall be treated as variation.	No change in Tender conditions.
119	ER Functiona Page on 17	2.1 (xxiv)	LUMPSUM SCOPE OF WORK	Drainage for spans including Down Take Pipes with all supporting arrangements as per tender drawing. Ground water recharging /Rain water harvesting (RWH) systems in alternate span to cater all the spans as per guidelines of Central Ground Water Authority for rain water harvesting. The general arrangement of Rain water harvesting system (minimum size) is shown in the Tender drawing, However, the size of RWH pit & depth of bore may increase as per the guidelines of Central Ground Water Authority, the details shall be submitted to NMRC for approval before execution.	Rain Water Harvesting pit size and bore depth may increase as per authority approval. Kindly confirm payment mechanism for increase in RWH quantities beyond conceptual drawing.	No change in Tender conditions.
120	ER Functiona Page on 17	2.1 (xxix)	LUMPSUM SCOPE OF WORK	Demolition/dismantling/Restoration of any structure. Restoration as per the original condition prior to the construction.	Demolition/restoration of all structures/utilities/roads/drains is included in Lump Sum. Kindly provide detailed inventory and estimated quantities of demolition/restoration works.	Refer Clause A7 of ITT and Clause 4.9 of GCC. Further, No Change in Tender Condition.
121	ER Functiona Page on 18	2.1 (xxx)	LUMPSUM SCOPE OF WORK	Necessary permission/ NOC from the Railway/ Road/ Forest department and other concerned regulatory authorities for block and working in such locations. NMRC will facilitate for getting them permission from concerned regulatory authorities for working in such locations.	Kindly clarify whether statutory approval fees, railway blocks, traffic blocks, forest permissions and associated charges are reimbursable.	No change in Tender conditions.
122	ER Functiona Page on 18	2.1 (xxxii)	LUMPSUM SCOPE OF WORK	During construction at road area required arrangements to be made to facilitate movement of vehicles, cranes, machineries etc. and preparation of area for positioning of cranes and any other machinery to facilitate construction & execution including removal of any construction material from the location and restoration of area to its original condition. Also, view cutter arrangement of sufficient height above barricading board to be made at this location.	Kindly provide approved traffic diversion drawings/phasing plans. Clarify whether additional diversion requirements by Traffic Police after award shall be paid separately.	Refer Clause 2.2.2 of Employer's Requirements - Functional.
123	ER Functiona Page on 18	2.1 (xxxv)	LUMPSUM SCOPE OF WORK	Design and Installation of temporary structures/ construction methodology for construction of Viaduct & Station and getting it approved from third party.	Temporary structures and third-party proof checking are included in Lump Sum. Kindly specify minimum proof-checking requirements and approved agencies list.	No change in Tender conditions.
124	ER Functiona Page on 18	2.1 (xxxvii)	LUMPSUM SCOPE OF WORK	Traffic marshals to guide the road users and to avoid traffic congestion. The deployment of the Traffic marshals shall be as per the approved Traffic Diversion Plan.	Traffic marshals deployment is included in Lump Sum. Kindly specify minimum deployment criteria and whether deployment increase due to authority instruction shall be compensated.	Refer Clause 2.1 (xxxvii) & 2.2.2 of Employer's Requirements - Functional. No change in tender conditions.
125	ER Functiona Page on 19	2.1 (xl)	LUMPSUM SCOPE OF WORK	Diversion of Charted Utilities is under Lump Sum scope. Charted utilities comprises of All existing above ground utilities falling along the alignment (including Viaduct & stations) along with their underground/ elevated connections except Overhead HT Lines above 11 KV.	Kindly provide utility inventory indicating charted utilities covered in Lump Sum scope.	For Charted Utilities kindly refer tender drawings, Clause A7 of ITT and Clause 4.9 of GCC.
126	ER Functiona Page on 19	Note 8	LUMPSUM SCOPE OF WORK	Obtaining NOC & Approval of Diversion scheme of Utilities from the concerned regulatory / statutory / Local Authority is the responsibility of the Contractor and nothing extra is payable on this account.	Since obtaining NOC/approval for utility diversion is contractor's responsibility, kindly clarify timeline support and deemed approval mechanism in case of delay from utility agencies.	No change in Tender conditions.
127	ER Functiona Page on 19	Note 9	LUMPSUM SCOPE OF WORK	The supervision charges require by the Utility owning agencies such as UPPCL, UPPTCL, PVNL, Local Authorities, etc. for uncharted utilities shall be paid by NMRC. The supervision charges require for chartered utilities shall be borne by contractor.	Kindly clarify the distinction between "charted" and "uncharted" utilities for payment applicability.	Refer Clause 2.1 (xl) of Employer's Requirements - Functional.
128	ER Functiona Page on 20	2.1.A.1	LUMPSUM SCOPE OF WORK	There is possibility of some of the items not getting mentioned in the above list of works of Viaduct and Viaduct in Station excluding concourse portion. Contractors are requested togo through the tender drawings also in details as the works listed in 2.1 above as wellas indicated in the tender drawings would be considered inclusive in the scope of work under lump sum quoted price. Employer decision shall be final in this regard in case of dispute. Some of the major utilities cannot be diverted. Contractor shall take into consideration the existence of these utilities and design the foundations at these locations accordingly, if required, the pile cap top level shall be fixed at the bottom of the utilities without any extra cost. This is the part of Lump sum quoted price. No payment shall however be made for supporting the utilities during course of work.	Clause states that some major utilities cannot be diverted and foundation redesign shall be without extra cost. Kindly identify all such non-divertible utilities chainage-wise.	The identification of utilities and interface with the utility owning agencies is in the scope of work as per Clause 2.1 (iii), point 8 of Notes of Clause 2.1, Clause 2.1.A.1, 2.1.A.3 & 2.1.A.7 of Employer's Requirements - Functional. Further, refer Clause A7 of ITT and Clause 4.9 of GCC.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
129	ER Functiona Page on 20	2.1.A.3(i)	LUMPSUM SCOPE OF WORK	Though Alignment plans (both vertical and horizontal) are provided by the Employer to the Contractor. Contractor would however design the span configuration (only) based upon his proposal subject to obligatory requirements. Utility identification at all the foundation locations will be done by the Contractor before starting piling/excavation and in case utility(s) is encountered or obligatory requirements of Local Authorities are to be met out, the Contractor would modify the span configuration at such locations to save the utility(s) or to meet out the obligatory requirements within the accepted price. The shifting of the utility(ies) would be undertaken only in exceptional circumstances where in the opinion of the Engineer no other option is available. Cost of such utility shifting except RCC drain will be paid separately under relevant item of BOQ. No claim as regard to delay on account of execution of utility diversion will be entertained. All temporary diversion of any utilities done to facilitate the construction activity shall also be the part of the lump sum quoted price. RCC drain if encountered which will be restored back with similar specification after casting of pile cap & cost of the same is included in lump sum` quoted price. No payment shall however be made for supporting the utilities, carriage of excavated earth during execution of work	Kindly clarify the limit of span configuration modification expected within accepted contract price.	The design of Viaduct, including span arrangement finanlization is in the scope of work. Refer clause 2.1 (v), (vi), (viii) & (ix) of Employer's Requirements - Functional.
130	ER Functiona Page on 20	2.1.A.3(i)	LUMPSUM SCOPE OF WORK		Since no delay claim shall be entertained due to utility diversion, kindly confirm whether EOT without LD shall be granted for utility related hindrance beyond contractor control.	No change in tender conditions.
131	ER Functiona Page on 21	2.1.A.3(iv)	LUMPSUM SCOPE OF WORK	OHE & signalling structures themselves are excluded from the scope of the work, but civil works required for fixing the structures such as strengthening of structures and providing inserts are included. As per requirement of OHE contractor, MS railing at U-Girder (including epoxy painting) to be provided by the civil contractor. The specific location of OHE mast & railing shall be provided by the OHE contractor. These shall be finalized and provided in co-ordination with the OHE/ signalling Contractor and the Engineer. The necessary coordination with system contractors and engineer shall form a part of the work.	OHE/signalling insert strengthening and railing modifications are included in scope. Kindly provide preliminary system interface drawings for estimation purposes.	Refer Addendum-2.
132	ER Functiona Page on 21	2.1.A.3(v)	LUMPSUM SCOPE OF WORK	Conducting initial and routine load test on piles as per frequency given in Outline construction specification as per IS-2911- Part IV and Conducting load test on completed span (Standard U-Girder span – 01 no., Special spans-as per requirement. & I-Girder/TGirder span-01 no.) as per IRC-SP-51 for Viaduct and Viaduct in station excluding concourse portion.	Kindly specify the exact number and frequency of pile load tests/ span load tests included in the tender scope.	Kindly refer Outline Design Specifications.
133	ER Functiona Page on 21	2.1.A.3(vii-viii)	LUMPSUM SCOPE OF WORK	The Contractor has to ensure cleanliness of the roads and footpaths by deploying man power for the same. The Contractor shall have to ensure proper brooming, cleaning and washing of roads and footpaths at regular interval or as and when required or directed throughout the entire stretch till the currency of the contract including disposal of sewage. Nothing extra shall be payable on this account. (viii) Day to day cleaning of worksite for Viaduct and Station throughout the execution period.	Road cleaning and housekeeping obligations are unlimited in nature. Kindly clarify measurable limits and designated maintenance stretches.	No change in tender conditions.
134	ER Functiona Page on 21	2.1.A.3(xiii)	LUMPSUM SCOPE OF WORK	The contractor shall have to provide barricading board as per the specification as provided in tender drawing at all the land to be used for Viaduct, Viaduct in station excluding concourse portion, store, site office & casting yard. The total working space within the barricading along the viaduct shall not be more than 8mt. Requirements of Safety, Health & Environment as specified in condition of contract on SHE.	Kindly clarify whether land required beyond 8m barricading width due to traffic/utility/site conditions shall be made available without cost implication.	No change in tender conditions.
135	ER Functiona Page on 21	2.1.A.3(xiv)	LUMPSUM SCOPE OF WORK	Locations where road vehicles / pedestrians are moving, along the Viaduct / Stations / Construction sites, as directed by Engineer, contractor shall provide & maintain barricading as per the drawing provided in the tender drawing, the payment of the such additional barricading as directed by Engineer shall be made as per the relevant head of Schedule 'B' and the rates of these items include shifting and maintaining barricading at new location during the currency of the project. Illumination of these barricades/ areas including adjacent road along barricade is included in the lump sum price.	Kindly clarify payment applicability for additional barricading instructed by Engineer beyond initial approved scheme.	No change in tender conditions.
136	ER Functiona Page on 22	2.1.A.3(xv)	LUMPSUM SCOPE OF WORK	Results of sub-surface investigations conducted at project site are enclosed with the tender document. This information about the soil and sub-soil water conditions is being made available to the contractor in good faith and the contractor shall have to obtain the details of sub soil investigation independently. No claim whatsoever on account of any discrepancy between the sub surface conditions that may be actually encountered at the time of execution of the work and those given in these tender documents shall be admissible to the contractor under any circumstances. Provisions made in DBR shall prevail in this regard.	Geotechnical data is provided only in good faith and no claim admissible. Kindly clarify the geotechnical baseline criteria considered for tender pricing.	Kindly refer Clause 4.9 of SCC.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
137	ER Functiona Page on 22	2.1.A.3(xvi)	LUMPSUM SCOPE OF WORK	Maintaining Road, Footpaths, drains (including de-silting) etc. during the contract period/ handing over to road owing agencies which is earlier, is included in lump sum quoted price. Dismantling of any road, footpaths, any type of drains etc. for construction purpose including its restoration after completion of work (within barricade) is included in lump sum price of Schedule 'A'. Also, any road work i.e. widening / diversion required to facilitate the movement of traffic shall be paid separately under BOQ items of relevant Schedule. However, repair & maintenance of road along alignment, diverted road and widened road during currency of contract is included in lump sum quoted price. Final carpeting of road within barricading areas and outside the barricade i.e., areas affected by construction to be done before handing over to road owing agencies which shall be paid separately as per relevant head of BOQ. Contractor has to maintain a minimum clearance of 5.5 m from road surface to bottom of structure. Any earth work, subgrade work, levelling or other such works for facilitating the movement of the vehicles/ trailers crane positioning etc. is included in the lump sum price.	Kindly define the extent of road maintenance liability including frequency, width and handing-over condition requirements.	No change in tender conditions.
138	ER General Page no 7-8	11.1	CO-ORDINATION WITH DESIGNATED AND OTHER CONTRACTORS	The Contractor is responsible for detailed co-ordination of his design and construction activities with those of the Designated Contractors, System wide contractors, Utility Agencies, Statutory Authorities, Private Service Providers, Developers, Consultants and other Contractors whether or not specifically mentioned in the contract, that may be working on or adjacent to the site for the purpose of the Project. For the purpose of this Specification, all of the above parties shall be referred to as Interfacing Contractors. The Contractor shall note that there are other contractors, consultants, etc. which the Employer will engage from time to time with whom the Contractor shall have to similarly co-ordinate. Such co-ordination responsibilities of the Contractor shall include the following:	Contractor is liable for coordination with all future interfacing contractors whether identified or not. Kindly clarify limits of contractor liability for delays attributable to interfacing agencies.	No change in tender conditions.
139	ER General Page no 10	11.4(i)	Construction Interface	The contractor shall coordinate design/ activities/ making due care of complete integration of works – a. Integration of Boraki Station and associated Viaduct falling in the DMIC-IITGNL's MMTH area with the upcoming Multi-Modal Transport Hub at Boraki MMTH in coordination with DMIC-IITGNL. b. Integration of Existing Botanical Garden metro station on Blue Line of Delhi Metro in coordination with DMRC c. Existing Noida Sec-142 metro station and Dead End at Depot Station on Aqua Line of Noida Metro	Kindly provide interface drawings/details for Botanical Garden integration, Boraki MMTH integration and existing Aqua Line interfaces.	No change in tender conditions.
140	ER General Page no 11	8(vi)	MONITORING OF PROGRESS	All construction location including Casting Yard & Batching plants are to be monitored through CCTV and also be linked with GM/Projects' office. Videography by drone shall also be done at all work places once in a month as per Outline Construction Specifications for Civil works	CCTV integration and monthly drone videography are included. Kindly specify technical specifications, storage duration and monitoring requirements.	No change in tender conditions.
141	ER General Page no 6	10.1(iii)	SOFTWARE SUPPORT	The contractor to provide one licenced working copy for each software, being used by its DDC, to design department, maintained for the entire contract period.	One licensed software copy for DDC is to be provided to Employer. Kindly specify list of software expected under the contract.	All requirements / specifications of the Softwares shall be as per the completion of scope of work. No change in Tender Condition.
142	ER General Page no 13	15(ii)	CONTRACTOR'S PROJECT ORGANISATION	A control room with round the clock radio communication or telephone switch board links with all safety offices, works sites, site offices, batching plants, casting yards, workshops, fabrication yard, off site offices, Engineers site office, GM's office, testing labs etc shall be maintained and manned round the clock. Residences of all senior project team members shall also be linked with the control room. Vehicles for emergency use should be on stand-by at the control room around the clock along with two dedicated vehicles for use of engineer for quality inspections of site works, round the clock.	Contractor is required to provide dedicated vehicles, control room and communication systems. Kindly clarify minimum requirements considered in bid evaluation.	No change in tender conditions.
143	ER General Page no 14	17(v)	MAINTENANCE REPORT	All instruments necessary to carry out the inspections and monitoring that are identified in the report shall be provided by the Contractor within the lump sum tender price.	All long-term inspection instruments are included in Lump Sum scope. Kindly specify instrument list and quantity assumptions.	No change in tender conditions.
144	General				Please provide Topo survey CAD copy, and please provide x,y,z coordinates for all GPS points/ control points.	No change in Tender conditions.
145	General				Please provide KMZ file pinpointing the location of all station with alignment of superimposed depot line.	Refer Addendum-2.
146	General				Bidders request is to provide Autocad copy for alignment, plan and all other structural drawings.	Refer Addendum-2.
147	Title box			Part Design & Construction of Elevated Viaduct and 10 nos. of Elevated Stations for Extension Projects of NMRC's Aqua Line from Botanical Garden to Noida Sec-142 (from Chainage (-) 383.959 to 12130.143) and from Depot Station to Boraki MMTH (Chainage 28678.253 to 31263.482).	It is observed that the project title mentions the end station as "Noida Sector 142"; however, the same is not reflected in the GAD drawings. The GAD indicates only 8 stations on the Aqua Line and 2 depot stations. Kindly clarify whether Noida Sector 142 is within the project scope or not.	The last station of extension from Botanical Garden is an already operational station of Noida Metro's Aqua Line i.e., Noida Sec-142. Refer tender drawings.
148	ER Functiona Page on 16	2.1 (ii)	LUMPSUM SCOPE OF WORK	Geotechnical Investigation Work at every pier location for Viaduct and Station including Entry/Exit & FOB.	Kindly confirm whether Geotechnical Investigation is required at each pier location station areas including Entry/Exit.	No change in Tender conditions.
149	ER Functiona Page on 16	2.1 (iii)	LUMPSUM SCOPE OF WORK	Utility Investigation Work along the alignment for Viaduct as shown in the GAD.	It is understood that utility investigation is to be carried out by the contractor. Kindly provide available utility mapping drawings, if any.	The identification of utilities and interface with the utility owning agencies is in the scope of work as per Clause 2.1 (iii), point 8 of Notes of Clause 2.1, Clause 2.1.A.1, 2.1.A.3 & 2.1.A.7 of Employer's Requirements - Functional. Further, refer Clause A7 of ITT and Clause 4.9 of GCC.
150	ER Functiona Page on 16	2.1 (v)	LUMPSUM SCOPE OF WORK	Design & Construction of super structure of Standard U-Girder span and all other spans for Viaduct including Viaduct in station excluding the concourse portion	Clarification is required on whether the platform/concoarse girders and deck support structures are included within the scope of "viaduct in stations excluding the concourse portion." Kindly confirm.	Refer Addendum-2.
151				There may be requirment of additional special spans as per the site conditions/ NMRC or civic requirements, which is also included in lump-sum price.	Bidder request to provide the locations, lengths, and number of special spans in addition to those indicated in the GAD.	The design of Viaduct, including span arrangement finanlization is in the scope of work. Refer clause 2.1 (v), (vi), (viii) & (ix) of Employer's Requirements - Functional.
152				These special spans ? Obligatory span lengths may have to be changed as per requirements of the concerned authorities	Kindly confirm whether any increase in span numbers is envisaged for better quantification under the lump sum pricing.	No change in Tender conditions.
153				Design as construction of emergency siding line	Kindly provide the location and length of the emergency siding line with necessary drawings.	Refer Addendum-2.
154				Demolition/dismantling/Restoration of any structure. Restoration as per the original condition prior to the construction.	Kindly provide the quantum of demolition, dismantling, and restoration works envisaged under the project scope.	Refer Clause A7 of ITT and Clause 4.9 of GCC. Further, No Change in Tender Condition.
155				Damage of any horticulture, landscaping, green area during currency of contract and its restoration to its original condition. The pile cap level shall have to be kept below the drain wherever the same is fouling with drain and the drain demolished shall	Kindly provide the possible locations and lengths of drains for proper quantification, as the same will impact the pile cap depth below ground level.	Refer Clause A7 of ITT and Clause 4.9 of GCC. Further, No Change in Tender Condition.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
156				The civil, Architectural Finishing work, Plumbing work of station shall be paid in BoQ on item rate bais as described in clause 2.10.	As per Clause 2.0 of Volume 3 under the Scope of Work, it is mentioned that the civil works, architectural finishing works, plumbing works, and PEB works shall be paid on an item-rate basis. It is requested to kindly confirm whether the quantities for these works shall be considered based on the item-rate contract under the design-build scope.	No change in Tender conditions.
157				High strength deformed (HYSD) reinforcement bars of Fe-500D grade, conforming to IS 1786 and Clause 4.5 & 7.1.5 of IRS-CBC shall be used.	Kindly confirm if the use of Fe550 grade deformed bars for reinforcement steel is permissible under the project specifications.	No change in Tender conditions.
158				Minimum (unfactored) LWR force of 1.6t/m of span length shall be considered for design irrespective of number of tracks.	It is proposed to adopt LWR forces based on the RSI study, as 1.6 t/m appears on the higher side and impacts substructure sizing. Kindly confirm.	No change in Tender conditions.
159				Design Wind Speed, Vz = Vb.k1.k2.k3.k4 Where Vb = Basic wind speed = 50 m/s for Noida Zone (as per National Building code). K1 = 1.08 for class IV type structure (§ table 1 of IS: 875 (Part 3)). k2 = 1.07 for category 2 (§ table 2 of IS: 875 (Part 3)) for	As per IS 875 (Part III), the basic wind speed for Noida is 47 m/s. Kindly confirm the wind speed to be considered for design.	No change in Tender conditions.
160				Silar Panel (whereever applicable) Noise Barrier (whereever applicable)	Kindly specify the location and extent (length/coverage) of solar panels and noise barriers to be considered.	No change in Tender conditions.
161				The Ground water table (Base value) shall be considered as maximum (in terms of RL) of Ground water table data published by (a) Central Ground water board (CGWB), (b) Ground water table reported in Geotechnical report provided by NMRC in tender documents, (c) Ground water table reported in Geotechnical report provided by Design & Build contractor. The design Ground water table shall be taken as 4.0m higher than the Base value for evaluation of effects for design purposes.	Please provide Ground Water Table data published by Central Ground water board (CGWB).In tender stage , the bidder don't have data of CGWB and also in prerendering stage as time is very limited, it is not possible to do bore holes at site at every location. And also relying on water table based on Tender stage Geotech report is very conservative. Please clarify how would bidder will justify this clause.	No change in Tender conditions.
162				The borehole, which provide lesser vertical & Horizontal capacity of pile or lesser SBC in case of open/Well foundation, shall be referred in design among 1 & 2 as referred below. For Pile foundation, in case one bore hole provide lesser Horizontal capacity and other provide lesser vertical capacity then lesser values of horizontal & vertical capacity obtained from two boreholes shall be referred. 1) As per soil investigation report in the tender document. 2) As per soil investigation done by contractor. The soil investigation report of Bore hole done by contractor shall be compared by soil investigation report of the nearest Bore hole given in the tender document.	The present clause mentioned in the tender document seems to be too conservative. Therefore, we request you to change the clause as "Vertical & Horizontal capacity of pile or SBC in case of open/Well foundation, shall be estimated from Detailed Geotechnical Investigation carried out by contractor." The change in the clause will by highly advantageous as described below: •Reduction in extra pile length/foundation size than actually required will save valuable national resources. •Use of less resources directly reduce carbon footprints which will decrease the construction impact on environment. •Reduction in construction cycle facilitating on time completion of project.	No change in Tender conditions.
163	OCS Page no 118 and 259	7.1.6.3 & 11.10.3	Bolts and Nuts & Electrodes	All anchor bolts shall be of property class of 8.8 and above and nuts shall conform to IS:1363 (1992), IS:1364 (1992) and IS:1367, as applicable, and unless specified otherwise, shall be hexagonal. All nuts shall conform to property class compatible with the property class of the bolt used. Bolts of grade 8.8 shall be hot dip galvanised & Bolts of Grade 10.9 shall be coated with zinc flakes as per Fabrication code-B1. All anchor bolts and nuts shall be of property class 4.6 (Grade-B) of IS: 1367, and shall conform to IS: 5624. All nuts shall be hexagonal, and shall conform to property class compatible with the property class of the bolt used.	There is a discrepancy in the specified grade of the anchor bolts. Clause 7.1.6.3 specifies the grade as 8.8, whereas Clause 11.10.2.2 specifies it as 4.6. Kindly confirm which grade should be followed.	No change in Tender conditions.
164				Staircase and Elevators supporting arrangement	Please clarify wether the staircase and elevator supporting will be steel or RCC.	No change in Tender conditions.
165				OHE and Other utilities load	Please provide the OHE and other utilities load for the Station roof structures.	Station design is not in the scope of work.
166				Load Bearing details	The weight and size is not given for the HVAC, MEP, Signaling & Telecommunication (S&T), AFC,PSD and Energy equipment including solar power, which have to be installed on station roofs. Please provide the details for loading.	Station design is not in the scope of work.
167				Cable Tray arrangement	No. of cable trays are not shown in the drawings, Also clarify the horizontal supporting ladder shall be required or only the cable tray brackets.	Refer Tender Drawing no. NGN-VID-TED-STR-10106 & 10107.
168				Vertical Sections AS/Design	The vertical sections seems to be required for the elevation purpose with addition to the main supporting steel columns for station roof, Please provide the more details for clarity in design.	Station design is not in the scope of work.
169				Steel Columns clear Height	Clear height of the steel columns from the platform level are not mentioned in the drawings. "Please provide the clear height of the structures.	Station design is not in the scope of work.
170				Section drawings	Please provide the section drawing indicating the locations where the station height varies.	Station design is not in the scope of work.
171				Radius for curved roof	The radius of the curved roof/profile shown in the section drawing has not been specified. Kindly provide the radius and relevant geometric details for the curve.	Station design is not in the scope of work.
172	Tender Drawing				Please provide the bottom level/elevation details for the staircases located at the four corners adjacent to the tracks.	T.O.C. of Superstructure shall be the bottom level of Staircase.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
173				Scope of PEB Buildings - Part-2	The following buildings are listed under the PEB scope in Volume 4: Inspection Bay, Workshop, Interior Cleaning, Pit Wheel Building, Blowdown Plant, Shed for RCM, Gantry for ETU Building EOT Crane, Car Parking, Cycle Shed, Cable Store Shed (ETU), Vanjex Parking, S&T, Cable Store and Diesel Store, and Watch Towers. However, no drawings are available for the above-mentioned buildings. Kindly confirm the scope of these buildings and provide the relevant drawings/documents for further engineering.	Design of PEB is not in the scope of work and the execution of PEB works is on item rate basis.
174	GNE-BGN-TED-ARP-12002-R1			Steel Column Levels Confirmation	Botanical Garden – In the drawings, the steel columns appear to start from ground level. Kindly confirm the starting level/elevation of the steel columns.	Design of PEB is not in the scope of work and the execution of PEB works is on item rate basis.
5.0 M/s Ashoka Buildcon Limited						
175	NIT Page no 10R	1.1.3.2 A	Minimum Eligibility Criteria:	The "Similar works" for this contract shall be "Construction of Metro/RRTS/High Speed rail Viaduct having a pre-stressed concrete superstructure as well as construction of elevated metro stations,"	The "Similar works" for this contract shall be "Construction of Metro/RRTS/High Speedrail /Highways/Expressways Viaducts/ elevated corridor having a pre-stressed concrete superstructure may include construction of elevated metro stations ,"	No change in Tender conditions.
176	NIT Page no 11R	1.1.3.2 A	Minimum Eligibility Criteria:	Individual Bidder or any substantial member of JV/Consortium should fulfil following conditions - a. Bidder should have successfully completed/minimum 6 km or more of Elevated Metro/RRTS/High Speed rail viaduct in a single awarded contract. b. Bidder should have successfully completed minimum 4 nos. of Elevated Stations or more in Elevated Metro/RRTS/High Speed Rail in a single awarded contract. c. Bidder should have successfully completed Architectural Finishing Work for minimum 04 nos. Elevated stations or more in Elevated Metro/RRTS/High speed Rail in a single awarded contract. d. Bidder should have successfully completed PEB structure work for minimum 04 nos. Elevated stations or more in Elevated Metro/RRTS/High speed Rail in a single awarded contract. e. Further, in case the bid is submitted by a Joint Venture (JV)/Consortium, any member of the JV/Consortium shall ~~independently~~ meet and demonstrate the similar work experience as stipulated above; failing which, the bid shall be treated as non-responsive and shall be rejected.	Individual Bidder or any substantial member of JV/Consortium should fulfil following conditions - a. Bidder should have successfully completed/ completion of on going work more than or equal to 80% as per 'Scope of work' minimum 6 km or more of Elevated Metro/RRTS/High Speed rail/Highways/Expressways viaducts/elevated corridor may include construction of elevated metro station in a single awarded contract. b. Bidder should have successfully completed minimum 4 nos. of Elevated Stations or more in Elevated Metro/RRTS/High Speed Rail in a single awarded contract. c. Bidder should have successfully completed Architectural Finishing Work for minimum 04 nos. Elevated stations or more in Elevated Metro/RRTS/High speed Rail in a single awarded contract. d. Bidder should have successfully completed PEB structure work for minimum 04 nos. Elevated stations or more in Elevated Metro/RRTS/High speed Rail in a single awarded contract. e. Further, in case the bid is submitted by a Joint Venture (JV)/Consortium, any member of the JV/Consortium shall meet and demonstrate the similar work experience as stipulated above; failing which, the bid shall be treated as non-responsive and shall be rejected.	No change in Tender conditions.
177	NIT Page no 11R	1.1.3.2 A	Minimum Eligibility Criteria:	Further, in case the bidder does not have required work experience for "Pre- Engineered Building (PEB) works & Architectural Finishing work" for 04 nos. of Elevated Stations or more in Elevated Metro/RRTS/High Speed rail in a single awarded contract and intends to engage a sub- contractor for this work, the subcontractor must have executed work of "Pre-Engineered Building (PEB) works & Architectural Finishing work " for minimum 04 nos. of Elevated Stations in Elevated Metro/RRTS/High Speed rail in a single awarded contract	Bidder understand that clause for demonstration of similar work experience "Pre- Engineered Building (PEB) works & Architectural Finishing work" for 04 nos. of Elevated Stations or more in Elevated Metro/RRTS/High Speed rail in a single awarded contract in case of bidder intends to engage a sub-contractor for this work as stipulated in above para sub-clause b,c and d if comply and fulfill by the sub-contractor engaged by bidder, then it will qualify the minimum eligibility criteria and will be treated as responsive bid.	No change in Tender conditions.
178	NIT Page no 11R	1.1.3.2 A	Minimum Eligibility Criteria:	Individual Bidder or any substantial member of JV/Consortium should fulfil following conditions - a. Bidder should have successfully completed/minimum 6 km or more of Elevated Metro/RRTS/High Speed rail viaduct in a single awarded contract. b. Bidder should have successfully completed minimum 4 nos. of Elevated Stations or more in Elevated Metro/RRTS/High Speed Rail in a single awarded contract. c. Bidder should have successfully completed Architectural Finishing Work for minimum 04 nos. Elevated stations or more in Elevated Metro/RRTS/High speed Rail in a single awarded contract. d. Bidder should have successfully completed PEB structure work for minimum 04 nos. Elevated stations or more in Elevated Metro/RRTS/High speed Rail in a single awarded contract. e. Further, in case the bid is submitted by a Joint Venture (JV)/Consortium, any member of the JV/Consortium shall ~~independently~~ meet and demonstrate the similar work experience as stipulated above; failing which, the bid shall be treated as non-responsive and shall be rejected.	Bidder understand that sub-clause b and sub-clause d both are exactly same and not to read seperately as the elevated station in Metro, the construction work of elevated station are done using PEB structure alongwith Architectural finishing work which is part and parcel of the work. Bidder request Authority to clarify the understanding.	No change in Tender conditions.
179	NIT page no 60 & 61	Annexure 6	FORM OF BANK GUARANTEE FOR TENDER SECURITY	(To be stamped in accordance with Stamp Act, if any, of the country of issuing bank)	Kindly confirm whether the Stamp Duty on the Bank Guarantee is to be paid as per the provisions of the UP Stamp Act or as per the place of issuance of the Bank Guarantee. If as per the UP stamp Act please confirm the Stamp Duty .	No change in Tender conditions.
6.0 M/s Cemindia Projects Limited						
180	Vol. 1 NIT Cover: Contract No. / E-Tender No. / FOT Page Footer Reference			Vol. 1 outer cover page and all NIT/ITT running headers correctly state: Contract No.: NGNECC-01; E-Tender No.: NMRC/Projects/NGNECC/2026/457. However, the NIT inner cover (duplicate title page) states: Contract No.: NGNECC-1 (missing '0') and E-Tender No.: NMRC/Civil/NGNECC/2026/457 ('Civil' instead of 'Projects'). Additionally, all FOT page footers state: NMRC/NGNC-01/Volume-1/FOT (missing 'EE' from NGNECC-01).	Vol. 1 contains three distinct reference errors: (a) NIT inner cover: 'NGNECC-1' instead of 'NGNECC 01'; (b) NIT inner cover E-Tender No.: 'NMRC/Civil/NGNECC/2026/457' instead of 'NMRC/Projects/NGNECC/2026/457'; (c) All FOT page footers: 'NMRC/NGNC-01' instead of 'NMRC/NGNECC-01'. Please confirm the correct Contract Number and E-Tender Number to be used in all bid documents, correspondence, and bank guarantees to avoid rejection on procedural grounds.	Contract Number - NGNECC-01 E-Tender number - NMRC/Projects/NGNECC/2026/457
181	Vol. 1 NIT Cl. 1.1.4: Vol. 4 listed as 'Outline Design Specifications' first / Vol. 4 Actual: Part A = OCS (first), Part B = ODS (second)			Vol. 1 NIT Cl. 1.1.4 describes Vol. 4 contents in this order: (1) Outline Design Specifications, (2) Outline Construction Specifications for Civil Works, (3) Technical Specification for Architectural Finishing Works. The actual Vol. 4 document reverses the first two: Part A = Outline Construction Specifications for Civil Works (OCS), Part B = Outline Design Specifications for Civil Works (ODS), Part C = Technical Specification for Architectural Finishing Works. Additionally, Vol. 1 NIT refers to 'Outline Design Specifications' (without 'for Civil Works'), while Vol. 4 titles it 'Outline Design Specifications for Civil Works' — potentially excluding architectural/MEP design basis from the ODS scope.	The ordering of ODS and OCS in Vol. 1 NIT (ODS first) is reversed from the actual Vol. 4 document structure (OCS first as Part A). This has contractual significance: (a) Since Vol. 3 General Cl. 3 places 'Design Criteria (Vol. 4)' at the top of the precedence hierarchy, and OCS (Part A) is the leading document in Vol. 4, please confirm whether OCS or ODS takes precedence when the two conflict within Vol. 4 itself; (b) The ODS title includes 'for Civil Works' — please confirm whether the ODS covers architectural and MEP design basis, or only structural/civil elements; if only civil, what design specifications govern the architectural elements (finishes, facades, PEB design basis); (c) Please issue a corrigendum to Vol. 1 NIT Cl. 1.1.4 correcting the order to match the actual Vol. 4 structure.	Refer Clause 1.5 of GCC for priority of documents. Further, the design of stations including PEB is not in the scope of work. No Change in Tender Conditions.
182	Vol. 4 OCS Section S.14 (Tunneling) / Vol. 1 NIT Cl. 1.1.1 (Name of Work – Elevated Works Only) / Vol. 3 Interface Mgmt. Document			Vol. 1 NIT Cl. 1.1.1 defines scope as: 'Part Design & Construction of Elevated Viaduct and 10 nos. of Elevated Stations.' Vol. 3 Interface Management Document explicitly states: 'The details of the works related to Underground Metro Structures does not pertain to Contract NGNECC-01.' Despite this, Vol. 4 OCS Section S.14 (titled 'TUNNELING') contains extensive specifications for TBM tunneling, NATM, precast segmental tunnel linings (M50/C40/50 SFRC), tunnel waterproofing membranes, cross-passages, and shaft construction — spanning approximately 3,300+ lines of the OCS text.	Vol. 4 OCS Section S.14 (Tunneling) is included despite tunneling being explicitly excluded from NGNECC-01 scope per Vol. 1 NIT and Vol. 3 Interface Management Document. This creates bid ambiguity regarding: (a) Whether tunneling specifications form part of contractual obligations under NGNECC-01; (b) Whether any Vol. 6 BOQ items correspond to Section S.14; (c) Whether contractors are expected to price any underground works in lump sum Schedule A. Please confirm Section S.14 is included erroneously and issue a corrigendum deleting it, or explicitly clarify its applicability.	Refer Page-2 of Interface Management Document of Appendix-2D wherein it is clearly mentioned that '*The details of the works related to Underground Metro Structures doesn't pertains to Contract NGNECC-01* .'

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
183	Vol. 3 Appendix 13 (IGBC Green MRTS Certification) / Vol. 1 NIT Cl. 1.1.4 (Tender Documents – No mention) / ITT Key Personnel			Vol. 3 Appendix 13 mandates: 'To ensure IGBC Green Mass Rapid System (MRTS) Certification of the stations, the civil contractor shall ensure and provide data as per the format.' The appendix lists extensive data requirements including soil preservation records, tree survey/felling permissions, SRI values for non-roof surfaces, material compliance documentation, energy performance data, and water management records. Vol. 1 NIT Cl. 1.1.3 (Qualification Criteria), Cl. 1.1.4 (Tender Documents), and ITT Annexure-3/4 (Key Personnel) make no reference to IGBC Green MRTS certification, its cost implications, or any requirement for sustainability/green building expertise.	IGBC Green MRTS certification is mandated in Vol. 3 Appendix 13 but entirely absent from Vol. 1, creating undisclosed cost obligations: (a) Please specify the target IGBC MRTS rating level (Platinum/Gold/Silver/Certified) required for the stations; (b) Confirm whether IGBC registration fees, third-party auditor fees, SRI testing, material documentation, tree survey costs, and Green MRTS consultant fees are covered within lump sum Schedule A or payable as a separate BOQ item; (c) Clarify whether a dedicated 'Green Building/Sustainability Manager' is required as a key staff member (not currently listed in ITT Annexure-3/4); (d) Specify the contractual consequence (LD, PS forfeiture, or remedial action) if IGBC MRTS certification is not achieved before Taking-Over Certificate.	a) Targeted rating level is Platinum. b) The requirements for ensuring IGBC Green MRTS Certification is included in the Lump Sum Scope of Schedule A. Refer Clause 5 of Employer's Requirements - Construction. c) Minimum Organization Structure is mentioned in Annexure-3 & 4. Further, refer note 1 of Annexure-3. d) No change in tender conditions.
184	Vol. 1 NIT Cl. 1.1.4: Vol. 7 = Geotechnical Investigation Report (GIR) / Vol. 4 ODS Cl. 5.5 & 5.7 (Design GWT and Soil Parameters 'as per DBR')			Vol. 1 NIT Cl. 1.1.4 lists tender documents including: 'Volume 7 – Geotechnical Investigation Report' as the only geotechnical document provided. Vol. 4 ODS repeatedly references a 'Design Basis Report (DBR)' with specific clause numbers for critical foundation parameters: ODS Cl. 5.5: Design GWT = CGWB/GIR/Contractor GWT (highest) + 4.0m — 'as referred in clause 5.5 of the DBR'; ODS Cl. 5.7: Soil friction angle ϕ and cohesion c 'as per clause 5.7 of the DBR'; ODS Cl. 12.4: 'Pile capacities as per clause 5.5 of the DBR.' A GIR (raw borehole/lab data) and a DBR (interpreted design parameters, assumptions, and geotechnical model) are distinct technical documents.	Vol. 4 ODS references a project-specific DBR (with specific clause numbers 5.5, 5.7) for critical design parameters including design GWT, soil shear strength (ϕ, c), and pile capacity assumptions. However, only a GIR (Vol. 7) is provided in the tender — a GIR contains raw data, not a design basis. Please clarify: (a) Whether Vol. 7 GIR is intended to serve as the DBR, and if so, which section/table of the GIR corresponds to DBR Clauses 5.5 and 5.7; (b) If a separate project-specific DBR exists, please provide it as part of the bid documents; (c) If the contractor must prepare the DBR as part of Preliminary Design Submission, what reference soil parameters and design GWT depth should be used for bid-stage foundation cost estimation; (d) Whether the RDSO 'Model DBR' referenced in ODS Cl. 1.1.1 can be used directly as the project DBR, and if so, which edition/version governs.	Refer Addendum-2.
185	ODS Cl. 1.1.1 (Scope of DBR) / ODS Cl. 5.5 (Design GWT) / ODS Cl. 5.7 (Geotechnical Parameters referenced in DBR) / Foundation Design Cl. 12.4			Vol. 4 ODS Cl. 1.1.1 states: 'This ODS covers design basis with design parameters and assumptions to be adopted in design of foundations and substructures based on Model DBR issued by RDSO.' Multiple critical design parameters are explicitly referenced to a project-specific DBR: ODS Cl. 6.12: 'Design GWT as referred in clause 5.5 of the DBR'; ODS Cl. 12.4: 'Pile capacities... design ground water table as per clause 5.5 of the DBR'; ODS Cl. 12.4: 'Soil friction angle ϕ and cohesion c as per clause 5.7 of the DBR.' However, neither Vol. 3 nor Vol. 4 includes a project-specific DBR as a tender document.	The ODS references a project-specific Design Basis Report (DBR) multiple times for critical foundation design parameters including design ground water table (Cl. 5.5), soil strength parameters ϕ and c (Cl. 7 of DBR), and pile capacity calculations. However, no project-specific DBR has been provided as part of the tender documents. Only the RDSO Model DBR is referenced generically. Please: (a) confirm whether a project-specific DBR is included in the tender (and if so, in which volume), (b) if not, confirm whether the contractor is required to prepare and submit the DBR as part of the Preliminary Design Submission, (c) clarify what soil parameters should be used for the bid-stage foundation sizing and preliminary costing, and (d) confirm whether NMRC's geotechnical investigation report (referenced in Vol. 3) constitutes the DBR or supplements it.	Refer Addendum-2.
186	Vol. 3 Cl. 2.1(xxviii): Anti-carbonation on Viaduct (Lump Sum Sch. A) / Vol. 4 OCS Cl. 3.26: Viaduct & Elevated Stations / Vol. 6 BOQ: Station anti-carbonation in Schedule B-2 (NDSR)			Vol. 3 Cl. 2.1(xxviii) lists 'Anti-carbonation Paint on the Viaduct Structure' as part of Lump Sum scope (Schedule A). Vol. 4 OCS Cl. 3.26 is titled 'Protective Coating on Concrete Structures of Viaduct & Elevated Stations' — extending the requirement to stations. Vol. 6 BOQ places anti-carbonation for station structures under Schedule B-2 (Architectural & PEB — NDSR, item rate), not in Schedule A. Vol. 3 Cl. 2.10 (Scope under BOQ Items Schedule B & C) does not list anti-carbonation for stations as a Schedule B item — it was not originally intended as an item-rate work.	Anti-carbonation coating scope is split inconsistently across three volumes: Vol. 3 (viaduct, lump sum), Vol. 4 OCS (viaduct + stations), and Vol. 6 (stations in Schedule B-2 item rate). Station anti-carbonation was not listed in Vol. 3 Cl. 2.10 as a Schedule B item, yet it appears in Vol. 6 Schedule B-2 without any Vol. 3 amendment. Please confirm: (a) whether anti-carbonation for elevated station structures is payable under lump-sum Schedule A or item-rate Schedule B-2; (b) which surfaces of station structures are covered (piers within station zone, concourse soffit, platform soffit, entry/exit walls, staircase soffits); (c) whether an amendment to Vol. 3 Cl. 2.10 (Schedule B scope) is required to formally include this item; (d) which document governs when Vol. 3 and Vol. 4 OCS conflict on anti-carbonation scope.	a) Anti-Carbonation paint for Station shall be paid on item rate basis. Further, the Anti-Carbonation for the Viaduct & Viaduct in Stations excluding concourse portion shall be in the scope of Lump Sum Schedule A. b) The anti-carbonation paint for station structure shall be paid on item rate basis. Refer Addendum-2 for further clarification between lumpsum portion and item rate portion. c) Refer item 4.1 of Schedule B1 for station structures. d) No change in Tender condition.
187	Vol. 6 Preamble Cl. 10: 'DSR 2025 items for Horticulture under DSR-2018' / Cl. 11: 'DSR 2025 items for E&M under DSR-2018' / Cl. 9: DSR 2023 for Civil Works			Vol. 6 BOQ Preamble Cl. 10 states: 'Schedule C-2 consists of DSR 2025 items for Horticulture & landscaping works under DSR-2018.' Vol. 6 BOQ Preamble Cl. 11 states: 'Schedule C-3 consists of DSR 2025 items for E&M works under DSR-2018.' Both clauses simultaneously reference DSR 2025 and DSR 2018 in the same sentence. DSR 2025 and DSR 2018 are distinct CPWD editions with different rate bases, item codes, and coverage. Cl. 9 references DSR 2023 for Schedule C-1 (Civil), resulting in three different DSR editions referenced across Schedule C sub-heads. Vol. 4 OCS Cl. 3.6.2 references 'Delhi Schedule of Rates' without specifying any edition.	Vol. 6 Preamble Cl. 10 and Cl. 11 are self-contradictory — items cannot simultaneously be 'DSR 2025' and 'under DSR-2018.' Please clarify: (a) Which CPWD DSR edition governs Schedule C-2 (Horticulture & Landscaping) — DSR 2018 or DSR 2025? (b) Which CPWD DSR edition governs Schedule C-3 (E&M Works) — DSR 2018 or DSR 2025? (c) Why are three different DSR editions used across Schedule C (DSR 2023 for C-1, DSR 2018/2025 for C-2 and C-3) — please confirm whether all Schedule C sub-heads should use a single consistent DSR edition; (d) Whether the actual item numbers and descriptions printed in the Schedule C-2 and C-3 tables correspond to DSR 2018 or DSR 2025 codes, so bidders can identify the correct rate reference; (e) Please issue a corrigendum to Vol. 6 Preamble correcting the DSR edition reference for all Schedule C sub-heads.	Refer Addendum-2.
188	Vol. 6 BOQ Preamble: Cl. 16 appears twice (different content); Cl. 17 appears twice (different content) / Vol. 1 ITT Cl. C17 (Discrepancy Resolution)			Vol. 6 BOQ Preamble contains duplicate clause numbers: Clause 16 (first): 'If tenderer fails to quote rates against any item, tender shall be non-responsive and rejected.' Clause 16 (second): 'The Financial Package must be uploaded by the same person as per the POA using a valid Class-III digital signature.' Clause 17 (first): 'In case of any discrepancy between the two, the amount in figures shall be treated as sacrosanct.' Clause 17 (second): 'The Schedule of Payment in Annexure-1 of Schedule A is purely for releasing On Account Payments.' The preamble thus has four distinct provisions assigned only two clause numbers. Vol. 1 ITT Cl. C17 provides a comprehensive discrepancy resolution hierarchy — the simplified BOQ Cl. 17 (first) potentially conflicts with it.	The duplicate clause numbers 16 and 17 in Vol. 6 BOQ Preamble create contractual ambiguity: (a) When both 'Clause 16' provisions apply, which governs — the non-responsive bid rule or the POA/digital-signature upload requirement? (b) BOQ Preamble Cl. 17 (first) states 'amount in figures shall be sacrosanct' — this is a simplified override that cannot supersede Vol. 1 ITT Cl. C17's complete discrepancy framework; please confirm ITT governs; (c) For Schedule B and C (percentage rates), 'figures vs words' is not always applicable — bidders quoting '5% above' in figures vs 'Five percent above' in words presents a different issue from lump-sum; please clarify how discrepancy resolution applies to percentage-rate items; (d) Please issue a corrigendum renumbering all Vol. 6 BOQ Preamble clauses in correct sequence without duplication.	Refer Addendum-2.
189	Vol. 3 Cl. 6 (Design Life) / Vol. 4 ODS Cl. 4 (Design Life) / Vol. 4 OCS PEB Section Cl. A.3.2			Vol. 3 Cl. 2.5.3 states order of precedence as: (i) NIT, (ii) ODS/OCS, (iii) MORTH, (iv) CPWD, (v) Standard Codes. Vol. 4 OCS Cl. 11.5 states: (i) BOQ, (ii) Particular Specifications, (iii) General Specifications, (iv) CPWD, (v) Standard Codes. IRS > IRC > IS > BS > DIN hierarchy for codes stated in Vol. 3 but not in Vol. 4 OCS.	There is a discrepancy in the order of precedence between Vol. 3 Cl. 2.5.3 and Vol. 4 OCS Cl. 11.5. Vol. 3 explicitly places ODS/OCS above MORTH and CPWD, whereas Vol. 4 OCS does not mention ODS in its hierarchy. In the event of a conflict between ODS (design basis) and OCS (construction specification), which document shall govern? Kindly clarify and harmonise the precedence clause across both volumes.	Refer Addendum-2.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
190	Vol. 3 Cl. 6 (Design Life – 100 years) / Vol. 4 OCS Cl. 3.26 (Protective Coating on Concrete) – Anti-Carbonation Specification			Vol. 3 General Cl. 3 (Relevant Documents) states order of precedence: (i) Design Criteria (Volume-4), (ii) Employer's Requirements (Volume-3), (iii) Indian and other International Standards referenced, (iv) Indian and other International Standards. This places Vol. 4 (Design Criteria = ODS + OCS) above Vol. 3 (Employer's Requirements). Vol. 3 Functional Cl. 2.5.3 states order of precedence: (i) NIT provisions, (ii) ODS/OCS, (iii) MORTH, (iv) CPWD, (v) Standard Codes. This treats Vol. 3 and Vol. 4 as co-equal (both under 'NIT') and places them above MORTH/CPWD. There is thus a conflict within Vol. 3 itself on whether Vol. 4 (Design Criteria) or Vol. 3 (Employer's Requirements) governs in case of contradiction between the two.	Vol. 3 contains two conflicting precedence clauses: General Cl. 3 places Design Criteria (Vol. 4) above Employer's Requirements (Vol. 3), while Functional Cl. 2.5.3 implicitly treats both volumes as part of the Employer's contract requirements at the same level. This ambiguity is significant because: (a) Vol. 3 Functional Cl. 2.1 (scope) and Vol. 4 OCS sometimes specify different things (e.g., bearing types, expansion joint materials) — which prevails? (b) If a design parameter in Vol. 4 ODS conflicts with a functional/performance requirement in Vol. 3, which shall govern? Please clarify the definitive precedence hierarchy between Vol. 3 and Vol. 4, and amend one clause to resolve the internal inconsistency within Vol. 3.	Refer Clause 1.5 of GCC for priority of documents.
191	Vol. 3 Cl. 2.1 / ODS Cl. 6.7 (Seismic Force) / OCS PEB Cl. A.4 – Station RCC Building Seismic Design not specified			Vol. 3 Cl. 6 states: 'The design life of all Permanent Works shall be 100 years.' Vol. 4 ODS Cl. 4 states: 'The life of main structural systems should be 100 years.' Vol. 4 OCS – PEB Structure Specification Cl. A.3.2 states: 'Value of k1, corresponding to mean probable design life of building of 120 years as per Table-1 of IS: 875 (Part-3).' This raises the design wind speed for PEB elements beyond what is required for the 100-year design life.	The PEB specification within OCS invokes a 120-year design life for wind load calculation (k1 factor per IS 875 Part 3 Table 1), which is inconsistent with the 100-year design life specified in Vol. 3 Cl. 6 and Vol. 4 ODS Cl. 4. Please clarify: (a) whether 120 years is intentional for wind-governed ancillary/PEB structures, or an error, and (b) whether the k1 factor should be revised to correspond to 100 years for uniformity.	Refer Addendum-2.
192	Vol. 3 Cl. 2.1 / ODS Cl. 7 (Load Combinations) / OCS PEB Cl. A.6 – Station RCC Load Combinations not specified			Vol. 3 Cl. 6 and Vol. 4 ODS Cl. 4 both specify a design life of 100 years for all permanent structural works. Vol. 4 OCS Cl. 3.26 specifies anti-carbonation coating with the following technical requirement: 'Carbonation Resistance: Shall limit carbonation penetration to less than 5mm in 50 years as per DIN 50018.' The specification invokes DIN 50018 (a foreign standard). No Indian standard (e.g., IS 15477 – Protective Coatings for Concrete) is referenced for this item. The performance criterion of 50 years is half the project design life of 100 years.	The anti-carbonation coating is specified to limit carbonation penetration to 5mm over 50 years (DIN 50018), whereas the structural design life is 100 years. Please clarify: (a) whether the 50-year performance criterion is intentional (implying two applications over the design life) or a typographic error, (b) whether recoating intervals and associated access provisions are included in the scope and lump-sum price, (c) whether an Indian standard equivalent (IS 15477 or equivalent BIS specification) is acceptable in lieu of DIN 50018, and (d) what the acceptance test method and minimum dry film thickness (DFT) requirement shall be for site-applied coats.	a) intentional b) not in scope of work c) No change in tender conditions d) No change in tender conditions
193	Vol. 3 Cl. 2.1 / ODS Cl. 6.7 (Seismic Force) / OCS PEB Cl. A.4 – Station RCC Building Seismic Design not specified			Vol. 4 ODS Cl. 6.7 covers seismic design for the viaduct structure only (Scope per ODS Cl. 1.1). Vol. 4 OCS PEB Section Cl. A.4 invokes IS 1893 Part 1 Zone IV for PEB (steel) structures. No document in the tender specifies the seismic design code, Zone, or Response Reduction Factor (R) for station building RCC elements (columns, beams, slabs, shear walls, staircases at concourse and platform levels).	There is a critical gap in seismic design requirements for station building RCC frames. IS 1893 (Part 1):2016 Cl. 6.3.1.1 mandates ductile detailing as per IS 13920 for all RC buildings in Seismic Zone IV as a statutory requirement. Please confirm: (a) whether IS 1893 (Part 1):2016 and IS 13920:2016 shall govern seismic design and ductile detailing for all station building RCC elements, (b) the applicable R value for the station building frame system, and (c) whether site-specific shear wave velocity testing (mandatory for 'Critical' structures per IS 1893 Cl. 6.2.3) is required for station buildings. Request amendment to ODS/OCS to explicitly include station building seismic design parameters.	The design of Station is not in the scope of work.
194	Vol. 3 Cl. 2.1 / ODS Cl. 7 (Load Combinations) / OCS PEB Cl. A.6 – Station RCC Load Combinations not specified			Vol. 4 ODS Cl. 7 provides load combinations (SLS and ULS) per IRS-CBC Table 12 — applicable to viaduct/bridge elements only. Vol. 4 OCS PEB Cl. A.6 specifies IS 800:2007 load combinations for steel PEB structures. No load combination framework is specified for station building RCC elements (columns, beams, slabs, foundations).	The load combination framework for station RCC building structures is not specified in any tender document. IRS-CBC load combinations are applicable to bridge/viaduct elements and IS 800:2007 combinations apply to steel structures. For station building RCC elements, IS 456:2000 Annex E, IS 875 (Parts 1–5), and IS 1893 load combinations would typically govern. Please confirm the applicable load combination standard and relevant partial safety factors for station RCC structural elements, and include these in a corrigendum to ODS/OCS.	The design of Station is not in the scope of work.
195	Vol. 3 Cl. 7 (Durability) / Vol. 4 OCS Cl. 11 (Steel Structures – Fire Resistance) – Station RCC element fire resistance not specified			Vol. 4 OCS Cl. 11 (Steel Structure section) specifies a fire resistance requirement for structural steel: 'A three-layer fire-resistant coating system providing a fire resistance of 2–4 hours as per UL 94, BS 476 Parts 20/21/22, ASTM E 119.' Vol. 4 OCS anti-carbonation coating (Cl. 3.26) specifies fire retardant properties per BS 476 Part 7 (Class 1) for concrete surfaces. However, neither Vol. 3 nor Vol. 4 specifies the required Fire Resistance Level (FRL) for station RCC structural elements (columns, beams, slabs, staircases) per NBC 2016 Part 4 (Fire and Life Safety), which classifies elevated metro stations as high-occupancy assembly buildings requiring minimum 2-hour FRL for load-bearing elements.	The tender documents do not specify the Fire Resistance Level (FRL) or fire-endurance period for station RCC structural elements (columns, beams, floor slabs, staircases). NBC 2016 Part 4 (Fire and Life Safety) requires minimum 2-hour fire resistance for load-bearing RCC elements in assembly-category buildings. For RCC structures, FRL is achieved through minimum cover and member dimensions per IS 456:2000 Tables 16 and 17, which interact with the clear cover schedule. Please confirm: (a) the required FRL for station structural elements per the relevant authority's fire safety requirements, (b) whether the cover requirements for fire resistance have been considered in the cover specification (and incorporated in the blank C_min table referenced in Query #2), and (c) whether any fire-specific protective coating is required for station RCC elements.	The design of Station is not in the scope of work.
196	OCS Cl. 8.1.3 (Pile Concrete Grade) / ODS Cl. 5.1 II (Grade per IRS-CBC Cl. 5.4.4)			Vol. 4 OCS Cl. 8.1.3 explicitly states: 'The minimum grade of concrete shall be M35' for cast in-situ bored piles. Vol. 4 ODS Cl. 5.1 II defers to IRS-CBC Cl. 5.4.4 for minimum concrete grade based on exposure conditions. For Moderate exposure (confirmed in ODS Cl. 10.1 for present corridor), IRS-CBC Cl. 5.4.4 Table-4(b) permits minimum M30 for RCC substructure elements.	OCS mandates M35 minimum for piles, whereas ODS defers to IRS-CBC which permits M30 for Moderate exposure. Under the Vol. 3 hierarchy, ODS governs over OCS. Kindly confirm whether M35 is the mandatory minimum for all pile elements irrespective of exposure, or whether the IRS-CBC exposure-based minimum (M30 for Moderate) is acceptable. If M35 is mandatory, please amend the ODS to explicitly state this.	Refer Addendum-2.
197	OCS Cl. 3.6.1 (Water-Cement Ratio) / ODS Cl. 5.1 III (Cement – refers to IRS-CBC Cl. 5.4.3 Table-4a)			Vol. 4 OCS Cl. 3.6.1 explicitly states: Maximum w/c ratio = 0.40 for both RCC and PSC members. Vol. 4 ODS Cl. 5.1 III defers to IRS-CBC Cl. 5.4.3 and Table-4(a) for maximum w/c ratio. IRS-CBC Table-4(a) permits max w/c = 0.45 for Moderate exposure and 0.40 for Severe exposure for RCC.	The OCS mandates a uniform max w/c ratio of 0.40 for all RCC/PSC elements, which is more stringent than IRS-CBC Table-4(a) for Moderate exposure (0.45). The ODS defers to IRS-CBC, potentially allowing 0.45 for Moderate exposure elements designed under the ODS. Please confirm that 0.40 is the project-wide maximum w/c ratio for all structural concrete, irrespective of exposure classification, and amend the ODS accordingly.	Refer Addendum-2.
198	ODS Cl. 5.1 (II) – Grade of Concrete & Cover / ODS Cl. 10 – Durability, Page 22 (Clear Cover Table)			ODS Cl. 5.1 II states: 'Minimum grade of concrete as per IRS-CBC Cl. 5.4.4; cover as per IRS-CBC Cl. 15.9.2.' ODS Cl. 10.2 includes a figure titled 'CLEAR COVER AND C_MIN FOR CRACK WIDTH CALCULATION' (ODS Page 22-23) showing diagrams for one-way and two-way bending members, but the accompanying numerical table for C_min values is blank/absent.	The Clear Cover and C_min table on ODS Page 22–23 is unpopulated. No element-wise clear cover values are provided for pier, pier cap, pile cap, U-girder, deck slab, diaphragm, retaining wall, or station structural elements. Designers are required to fall back on IRS-CBC Cl. 15.9.2 for all cases. Request NMRC to provide the project-specific clear cover table (C_min values for each element type and exposure condition) to eliminate ambiguity during the Definitive Design Submission.	Refer Addendum-2.
199	ODS Cl. 5.1 II – Grade of Concrete & Cover (Foundation Cover) / IRS-CBC Cl. 15.9.2 & Cl. 5.4.4			Vol. 4 ODS Cl. 5.1 II states: 'In case of foundation, cover shall be taken as 75mm for all conditions of exposure.' Vol. 4 OCS Cl. 8.1.3(iii)(d) for pile foundations states: 'No L-Bend shall be provided at Base of pile and cover of 75mm at bottom shall be ensured.' For other substructure elements (pile cap sides, pier base, pier cap), cover is not explicitly quantified in either ODS or OCS; reference is made only to IRS-CBC Cl. 15.9.2.	Cover is explicitly stated as 75mm for pile/foundation bottom only. No project-specific clear cover is stated for: (a) pile cap sides and top, (b) pier base zone (below HFL/scour level), (c) pier shaft, (d) pier cap, (e) diaphragm end faces, (f) station structural elements. The blank C_min table in ODS (Page 22–23) was intended to capture this. Please provide a complete element-wise cover schedule for all structural elements, explicitly distinguishing between clear cover to stirrups and clear cover to main bars.	No change in Tender conditions.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
200	Vol. 6 BOQ Item B1.2.3: Station Piers = M50/20 / Vol. 4 ODS Cl. 5.1 II: Grade per IRS-CBC (Moderate exposure min. M30) / Vol. 4 OCS: M50 only for tunnel segmental linings (S.14)			Vol. 6 BOQ Schedule B-1 Item B1.2.3 specifies: 'Providing M50/20 concrete for Station piers of all heights (standard pier, portal pier, cantilever piers, pier for Depot Line, piers for cross-over structures, abutment stem and stem wall).' Vol. 4 ODS Cl. 5.1(II) states minimum concrete grade shall be as per IRS-CBC Cl. 5.4.4 for the applicable exposure condition. ODS Cl. 10.1 classifies the corridor exposure as Moderate (Severe at Nallah crossings). For Moderate exposure, IRS-CBC Table-4(b) permits M30 minimum for RCC substructure. Vol. 4 OCS specifies M50 only for precast tunnel segmental linings (OCS Section S.14 Cl. 14.5.7.3) and for M50+ additional specifications under Cl. 4.966 — neither of which applies to station piers. No Vol. 3, Vol. 4 ODS, or Vol. 4 OCS clause mandates M50 for station piers.	Vol. 6 BOQ specifies M50/20 for all station piers with no supporting clause in Vol. 4 ODS or OCS. This creates significant technical and commercial issues: (a) Please identify the specification clause that mandates M50 for station piers, or confirm this is an error and specify the correct design grade; (b) If M50 is intentional for station piers, this must be added to the ODS/OCS with supporting technical justification (e.g., higher seismic demand, specific durability requirement beyond what IRS-CBC Moderate exposure requires); (c) M50 concrete requires microsilica or ultrafine fly ash per OCS Cl. 4.966, special mix design, and enhanced curing — the BOQ item description for B1.2.3 does not mention these requirements while the corresponding OCS additional specification does; (d) A separate BOQ item B1.2.4.i provides 'extra over for M50 instead of M40' for other elements — the internal BOQ logic implies M40 is the standard grade with M50 as an upgrade; B1.2.3 making M50 the base for station piers is inconsistent with this logic; (e) Please also confirm the concrete grade for viaduct piers (not in Schedule B) — the lump-sum ODS/OCS should specify the design grade for viaduct piers.	The design of Station is not in the scope of work. Further, No change in Tender condition.
201	Vol. 6 BOQ Anti-Carbonation Item: '300–400 micron (DFT)' / Vol. 4 OCS Cl. 3.26: 'Minimum DFT of 80–120 microns per coat'			Vol. 4 OCS Cl. 3.26 specifies for anti-carbonation coating: 'Minimum dry film thickness (DFT) of 80–120 microns per coat, ensuring high-build performance.' A standard two-coat application at OCS maximum yields a total DFT of 240 microns. Vol. 6 BOQ anti-carbonation item (under Finishing Works, Schedule B-2) specifies: 'Anti-carbonation coatings of 300–400 micron (DFT)… The coating should be applied in two tip coats over exterior primer coat.' The BOQ describes two tip coats + one primer coat, and specifies a total DFT of 300–400 µm — significantly exceeding the maximum derivable from two coats at 120 µm each (= 240 µm total). Further, Vol. 1 NIT has no specification for anti-carbonation DFT at all.	The Vol. 6 BOQ anti-carbonation DFT (300–400 µm total) exceeds what Vol. 4 OCS Cl. 3.26 permits through two coats (160–240 µm), creating a bidding and quality confusion: (a) Please confirm the authoritative total DFT requirement — 160–240 µm per OCS (two coats at 80–120 µm each) or 300–400 µm per Vol. 6 BOQ; (b) If 300–400 µm total is correct, the number of coats (at least 3 required at 100–120 µm each) and inter-coat surface treatment should be specified in OCS Cl. 3.26 via a corrigendum; (c) The primer coat mentioned in the BOQ item is not referenced in Vol. 4 OCS Cl. 3.26 — please confirm the complete coating system (primer + intermediate + topcoat) and associated DFT for each layer; (d) Confirm whether the DFT specification applies to the Viaduct anti-carbonation (lump sum, Schedule A) identically to the station coating (Schedule B-2), or whether different DFT standards apply to the two elements.	No change in Tender conditions.
202	ODS Cl. 5.3 (Reinforcement Steel) / OCS Cl. 5 (Reinforcement Section, Page 91)			Vol. 4 ODS Cl. 5.3: 'High strength deformed (HYSD) reinforcement bars of Fe-500D grade, conforming to IS 1786 and Clause 4.5 & 7.1.5 of IRS-CBC shall be used.' Vol. 4 OCS Cl. 5 (Page 91): 'Only Fe500D/Fe550D TMT bars complying to IS:1786 and IRS-Seismic code shall be provided as per drawing. Intermixing of Fe500D & Fe550D shall not be permitted.'	The ODS specifies only Fe-500D, whereas OCS expands the specification to permit Fe-500D or Fe-550D (without intermixing). Fe-550D has a higher UTS but different ductility characteristics, which may affect seismic capacity design. Please clarify: (a) which grade shall be used as the default for design, (b) whether Fe-550D is an acceptable alternative or a specific grade for particular elements, and (c) how the DDC should account for Fe-550D in capacity design for ductile elements.	No change in Tender conditions.
203	ODS Cl. 5.2 (Prestressing Steel – IS 14268 Class-II, Table-1) / OCS Cl. 6.2.3 (Prestressing Steel Specifications)			Vol. 4 ODS Cl. 5.2 (ii): 'Breaking Strength of strand = 260.7 kN; 0.2% Proof Load = 234.6 kN; 0.1% Proof Load (85% UTS) = 221.6 kN' — cited as per Table-1, Class-II of IS 14268. Vol. 4 OCS Cl. 6.2.3: 'Uncoated stress relieved low relaxation steel conforming to IS 14268, class-2 shall be used. Nominal dia. 15.2mm, 1860 MPa tensile strength, minimum breaking strength of 259 kN and minimum 0.2% proof load of 228 kN.' The OCS values (259 kN breaking, 228 kN proof) are lower than the ODS values (260.7 kN, 234.6 kN) despite both citing IS 14268 Class-II/class-2.	There is a numerical discrepancy between ODS and OCS on prestressing strand mechanical properties, both purportedly referencing IS 14268 Class-II. The ODS specifies breaking strength 260.7 kN and 0.2% proof load 234.6 kN, while OCS specifies 259 kN and 228 kN respectively. Please confirm: (a) which values shall govern for procurement, testing, and design verification, (b) whether the OCS values correspond to a different Class of IS 14268, and (c) whether the design strand area of 140 mm² (ODS) is consistent with both sets of values for the 1860 MPa UTS grade.	a) ODS will govern b) No change in tender condition c) No change in tender condition
204	OCS Cl. 3.25 (Concrete Cube Testing) – Sub-clauses (d) and (e)			OCS Cl. 3.25(d): 'At least 6 cubes shall be made on each day's concreting until 60 cubes have been made for each grade of concrete (initial period).' OCS Cl. 3.25(e): 'The frequency of testing shall be as per Clause 15.2.2 of IS 456:2000.' IS 456:2000 Cl. 15.2.2 requires: minimum 1 sample (= 6 cubes) per 50 m^3 or per 5 truck loads, and minimum 4 samples per day during routine testing.	OCS Cl. 3.25(d) and (e) are potentially conflicting: (d) requires 6 cubes per day's pour during the initial period, while IS 456 Cl. 15.2.2 (invoked by sub-clause (e) for routine testing) requires a minimum of 4 samples (24 cubes) per day during routine testing, irrespective of volume. Please clarify: (a) whether IS 456 Cl. 15.2.2 minimum sampling rates apply after the initial period for all grades, (b) for small volume pours (<50 m^3), what minimum testing frequency applies, and (c) whether NMRC's inspection test plans (ITP) will override IS 456 default frequencies.	a) No change in tender condition. b) Refer IS 456 Clause 15.2 for small volume pours. c) Refer points a and b above.
205	OCS Cl. 4.11 (Age of Concrete at Removal of Formwork – 'CPWD Specifications 96') page no 80 vs. Technical specifications/ Arch. Spec (References 'CPWD 2019') Page no 26			Vol. 4 OCS Cl. 4.11 states: 'Age of Concrete at Removal of Formworks shall be in accordance with latest edition CPWD Specifications 96 or IS: 456.' 'CPWD Specifications 96' is the 1996 edition, which has been superseded. In contrast, Vol. 4 OCS Architectural Finishing Specification (approx. Cl. 30 onwards) states: 'The requirements given under CPWD 2019 Specifications shall be in supplement to the requirements given herein' and 'As specified in Drawings and BoQ. All the related clauses as given under latest CPWD specification will apply.' The same OCS volume thus references both the 1996 and 2019 editions in different sections.	Vol. 4 OCS contains an internal inconsistency in the edition of CPWD Specifications being referenced: Cl. 4.11 specifies 'CPWD Specifications 96' for formwork stripping times, while the Architectural Finishing sections reference 'CPWD 2019.' The CPWD 2019 edition supersedes the 1996 version and has revised formwork stripping times for higher-strength concretes (M35 and above). Please confirm: (a) which CPWD edition (1996 or 2019) shall govern for civil/structural works throughout, (b) whether the formwork stripping times in CPWD 1996 are applicable for M35+ grade concrete (as required for piles and special elements), and (c) whether the contractor may follow the more conservative of the two editions or is mandated to follow a specific one.	Refer addendum-2.
206	OCS page no 51	3.7.2	Permeability Test for Concrete	Vol. 4 OCS Cl. 3.7.2 states: 'RCPT Test shall be performed as per ASTM C1202. No extra payment shall be made for this test.' The clause specifies the test method but does not state any acceptance criteria — i.e., the maximum permissible charge passed (in Coulombs) for different exposure conditions or concrete grades. ASTM C1202 classifies concrete permeability as: High (>4000 C), Moderate (2000–4000 C), Low (1000–2000 C), Very Low (100–1000 C), Negligible (<100 C). For Moderate exposure (ODS Cl. 10.1), typical industry practice requires <2000 C (Low permeability) for M35+ concrete.	The OCS mandates RCPT testing per ASTM C1202 but does not specify the maximum permissible charge passed (Coulombs) as an acceptance criterion for any structural element or exposure condition. Without a defined threshold, the test result cannot be used to accept or reject a concrete mix. Please specify: (a) the maximum permissible RCPT value (Coulombs) for each structural element category (pile, pier, pier cap, superstructure, station elements) based on the exposure classifications in ODS Cl. 10.1, (b) the age at which the RCPT test shall be conducted (28 days, 56 days, or 90 days), and (c) whether the RCPT acceptance criteria will be incorporated in the project-specific ITP or the Design Manual.	No change in Tender conditions.
207	Vol. 6 BOQ Item 1.1.5.1: Initial vertical load test = 3× theoretical capacity / Vol. 4 OCS Cl. 10503: 2.5× / Vol. 4 ODS Cl. 12.4(h): 2.5× safe load / IS 2911 Part IV: 2.5×			Vol. 6 BOQ Schedule B-1 Item 1.1.5.1 specifies: '600 mm dia pile — 3 times the theoretical design vertical load capacity of 300t; test arrangements to be designed shall cater for additional 25% above test load.' The same 3× factor applies to 1000 mm and 1200 mm dia pile initial vertical load tests in subsequent items. Vol. 4 OCS Cl. 10503 states: 'For initial load test, test load will be 2.5 times the theoretical designed capacity of pile. For initial load, test arrangement to be designed shall also cater for additional 25% above test load.' Vol. 4 ODS Cl. 12.4(h) states: 'Initial test is proposed to be conducted for a load of 2.5 times as per the safe load based on static formula.' IS 2911 Part IV also prescribes 2.5× safe load for initial static vertical load tests. Notably, Vol. 6 initial lateral load test items (1.1.6.1–1.1.6.3) correctly state 2.5× — consistent with Vol. 4 and IS 2911.	Vol. 6 BOQ specifies 3× for initial vertical pile load test vs. 2.5× in Vol. 4 OCS, ODS, and IS 2911. This directly affects test cost and reaction system design: (a) A 3× test on a 300t safe-load pile requires reaction capacity of 900t + 25% = 1,125t vs. 2.5× = 750t + 25% = 937.5t — a 20% increase in test load and reaction system cost; (b) The reaction piles/kentledge design and cost embedded in the BOQ rate may be priced based on whichever factor the bidder references — Vol. 4 (2.5×) or Vol. 6 (3×); (c) Under Vol. 3 Cl. 2.5.3 and Vol. 1 NIT hierarchy, OCS/ODS (Vol. 4) governs over standard codes; but when BOQ (Vol. 6) specifies a higher test load than the governing specification (Vol. 4), which takes precedence? (d) Please confirm the correct initial vertical pile load test factor, and whether the BOQ's 3× is intentional (NMRC requiring a higher factor than IS 2911 minimum) or an error.	No change in Tender conditions.
208	Vol. 3 Cl. 2.1(xvi–xvii) (Bearings Scope) / Vol. 4 OCS Cl. 12 (Bearings – Pot, Elastomeric, Spherical)			Vol. 3 Cl. 2.1(xvi) specifies: 'Elastomeric bearings (both horizontal and vertical)' for all standard spans. Vol. 3 Cl. 2.1(xvii) specifies: 'Spherical bearings on continuous spans/special spans.' Vol. 4 OCS Cl. 12 introduces Pot Bearings (conforming to IRC 83 Part III) as a third bearing type for piers, in addition to elastomeric and spherical bearings.	Vol. 3 (Functional Requirements) mentions only elastomeric and spherical bearings. Vol. 4 OCS introduces Pot bearings as an additional bearing type. Pot bearings and spherical bearings have different maintenance regimes, replacement procedures, and pedestal geometry requirements. Please clarify: (a) whether Pot bearings are included within the original Lump Sum scope as described in Vol. 3, (b) at which specific locations/spans Pot bearings are intended to be used (standard spans vs. special spans), and (c) whether the pier cap pedestal design shall accommodate Pot bearing dimensions per IRC 83 Part III.	No change in Tender conditions.

<table>
<tr><th>S.No</th><th>Section</th><th>Clause No.</th><th>Name of the Clause</th><th>Description of Clause</th><th>Bidder’s Query</th><th>NMRC Reply</th></tr>
<tr><td>209</td><td>Vol. 3 Cl. 2.1(xxii) (Expansion Joint) / Vol. 4 OCS Cl. S.10 (Expansion Joints)</td><td></td><td></td><td>Vol. 3 Cl. 2.1(xxii) specifies: 'Expansion joint omega seal or liquid rubber stretchable system with suitable end fixing protective cover.' Vol. 4 OCS references an elastomeric/neoprene seal for expansion joints installed as a continuous field-installed seal, conforming to AASHTO M282. These are distinct proprietary systems with different movement capacities, installation methods, and long-term performance characteristics.</td><td>There is a conflict in expansion joint seal type between Vol. 3 (omega seal or liquid rubber system) and Vol. 4 OCS (neoprene seal per AASHTO M282). Please clarify: (a) which seal type is the project standard for standard viaduct expansion joints, (b) whether omega seals or liquid rubber systems are required at any specific locations (e.g., station zone transitions), and (c) whether AASHTO M282 or an equivalent Indian/IRS standard governs the sealing compound specification.</td><td>No change in Tender conditions.</td></tr>
<tr><td>210</td><td>Vol. 3 Cl. 2.10(viii) (Waterproofing Scope) page no 29 / Vol. 4 OCS Cl. 1.8.3 (Waterproofing Guarantee) page no 17</td><td></td><td></td><td>Vol. 3 Cl. 2.1(viii) specifies: 'Water proofing in the underground structures, water tanks and overhead terrace tank with injection grouting and water proofing plaster along with ceramic tiles.' No guarantee period is mentioned. Vol. 4 OCS Cl. 1.8.3 specifies: 'Waterproofing for underground structures and roofs shall warranty for minimum 10 years against any leakage/seepage' backed by a Performance Bank Guarantee (PBG) for 10% of waterproofing cost.</td><td>Vol. 3 specifies the scope of waterproofing works without stating a guarantee period, while Vol. 4 OCS mandates a 10-year warranty with PBG. Please confirm: (a) whether the 10-year waterproofing warranty and PBG requirement in OCS applies to all waterproofing items in the Bill of Quantities, (b) whether the PBG for waterproofing is separate from the Defect Liability Period (DLP) Performance Security, and (c) whether the waterproofing guarantee covers only material and workmanship or also structural integrity of the treated surfaces.</td><td>No change in Tender conditions.</td></tr>
<tr><td>211</td><td>Vol. 4 OCS Cl. 1.8.3 (WP PBG – 10 yr) page no 17 / Vol. 1 FOT Cl. v (DLP = 52 weeks) page no 70 / FOT Cl. 5.3 (Performance Security = DLP + 6 months) page no 48</td><td></td><td></td><td>Vol. 1 FOT Cl. v: Defects Liability Period = 52 weeks after Taking-Over Certificate. Vol. 1 FOT Cl. i: Performance Security = 10% of Contract Price, valid for 6 months beyond DLP (i.e., ~18 months post-TOC). Vol. 1 makes no mention of any additional PBG beyond the Performance Security. Vol. 4 OCS Cl. 1.8.3: 'Waterproofing shall warranty for minimum 10 years. Contractor shall submit Performance Bank Guarantee (PBG) for 10% of the cost of waterproofing item, valid for the entire guarantee period.' A 10-year PBG for waterproofing is a substantially larger and longer-duration financial obligation than the 18-month Performance Security.</td><td>The 10-year waterproofing PBG mandated by OCS Cl. 1.8.3 is not disclosed anywhere in Vol. 1 NIT, ITT, or FOT, creating a significant undisclosed financial obligation. Please clarify: (a) The exact BOQ cost base for the 10% waterproofing PBG (which schedule items — Schedule A, B, or C — attract this PBG); (b) The timing of PBG submission (at award like Performance Security, or upon waterproofing completion); (c) The prescribed bank guarantee format for this PBG; (d) Whether the 10-year waterproofing warranty and PBG applies to all waterproofing items (underground structures, roofs, toilets) or only underground structures and roofs per Cl. 1.8.3; (e) Whether this PBG obligation will be referenced in a corrigendum to Vol. 1 FOT.</td><td>No change in Tender conditions.</td></tr>
<tr><td>212</td><td>Vol. 6 BOQ Waterproofing Items page no 15 & Vol. 4 OCS Cl. 1.8.3 (10-year WP PBG) page no 17 & Vol. 1 FOT No mention of WP PBG</td><td></td><td></td><td>Vol. 4 OCS Cl. 1.8.3 mandates: 'Contractor shall submit Performance Bank Guarantee for waterproofing works (for 10% of the cost of waterproofing item only) which shall be valid for the entire guarantee period' (10 years). Vol. 6 BOQ waterproofing item descriptions (e.g., Schedule B-1 Item B1.5.x) state: 'The product performance shall carry guaranteed for 10 years against any leakage.' However, the BOQ item descriptions contain no reference to a Performance Bank Guarantee, no separate BOQ line item for PBG cost, and the preamble makes no mention of the PBG requirement. Vol. 1 FOT Cl. i lists only the main Performance Security (10% of contract price, valid DLP + 6 months = ~18 months), with no mention of an additional 10-year waterproofing PBG. The cost of maintaining a bank guarantee for 10 years (typical bank commission: 1–2% per annum) is material and cannot be assumed to be included in the BOQ item rates.</td><td>The 10-year waterproofing PBG required by Vol. 4 OCS Cl. 1.8.3 has no corresponding BOQ provision in Vol. 6, creating an unpriced financial obligation: (a) Please confirm the total estimated value of waterproofing items across Schedule B-1 (civil), B-2 (arch/PEB), and B-3 (plumbing) that attract the 10% PBG — this is the financial base for the PBG; (b) Confirm the timing of PBG submission (at award, or on completion of each waterproofing element); (c) Confirm whether the PBG format is per ITT Annexure-7 (Performance Security format) or a separate format to be provided by NMRC; (d) Since bidders cannot price the PBG cost within existing BOQ item rates, should a separate lump-sum provision be added to the BOQ for the waterproofing PBG instrument cost? (e) Confirm whether a corrigendum to Vol. 1 FOT is required to formally disclose this additional financial security obligation alongside the main Performance Security.</td><td>No change in Tender conditions.</td></tr>
<tr><td>213</td><td>Vol. 3 Appendix 2B: 'Liquidity Damages' / Vol. 1 FOT appendix 1 Cl. iv & GCC Cl. 8.5: 'Liquidated Damages'</td><td></td><td></td><td>Vol. 1 FOT Appendix 1 Cl. iv correctly uses the term 'Liquidated Damages' per GCC Clause 8.5. Vol. 3 Appendix 2B uses the heading 'Liquidity Damages for non-achieving the key dates' throughout both the Viaduct KD table and the Station KD table. 'Liquidity Damages' is not a recognized legal contractual term; 'Liquidated Damages' are pre-agreed sums per unit of delay under the Indian Contract Act, 1872 (Section 74). The misuse of 'Liquidity' (related to financial solvency) instead of 'Liquidated' (pre-estimated loss) could potentially be argued as creating a different legal obligation in a dispute.</td><td>Vol. 3 Appendix 2B uses 'Liquidity Damages' throughout, while Vol. 1 FOT and GCC Clause 8.5 use 'Liquidated Damages.' In the event of a contractual dispute, this terminological inconsistency could be used to challenge the enforceability of the delay damages as true liquidated damages under Section 74 of the Indian Contract Act, 1872. Please confirm: (a) that 'Liquidity Damages' in Vol. 3 Appendix 2B is a typographic error intended to read 'Liquidated Damages,' and (b) whether a corrigendum will be issued correcting all instances of 'Liquidity Damages' to 'Liquidated Damages' in Vol. 3 Appendix 2B.</td><td>Refer Addendum-2.</td></tr>
<tr><td>214</td><td>ER Appendix page no 73</td><td>Appendix 2B</td><td>Employer’s Requirement - Key Dates</td><td>Vol. 3 Appendix 2B Station Key Dates table (visually verified, Page 73): KD 1: Completion of 1st Pile = 16 weeks. KD 2 (1st): Concourse Level Slab (First Station=36w, next 3=48w, all=64w). KD 2 (2nd, duplicate): Track Supporting Structure Slab (First Station=56w, next 3=78w, all=94w). KD 5: Arch Finishing in Operational Rooms (56/78/94 weeks) — same time to achieve as the duplicated KD 2 above. KD 6: All Arch internal & external finishing (66/88/104 weeks). KD 3 and KD 4 do not appear anywhere in the Station table.</td><td>The Station Key Dates table in Appendix 2B contains errors that affect LD calculation under GCC Cl. 8.5: (a) KD 2 appears TWICE with different scope — the second KD 2 (Track Supporting Slab) should be KD 3; (b) KD 3 and KD 4 are entirely absent from the table; (c) KD 5 (Arch finishing in operational rooms: 56/78/94 weeks) has identical timelines to the second (incorrect) KD 2 (Track Slab: 56/78/94 weeks) — making simultaneous achievement impossible and creating conflicting LD triggers. Please issue a fully corrected Station Key Dates table with: all KD numbers in sequence (KD 1 through final KD), distinct and non-overlapping timelines for each milestone, and the correct KD description against each number.</td><td>Refer Addendum-2.</td></tr>
<tr><td>215</td><td>BOQ page no 6 ER functional page no 27</td><td>Preamble 17 2.5.3</td><td>BOQ Preamble REFERENCE TO THE STANDARD CODES OF PRACTICE</td><td>Vol. 6 BOQ Preamble Cl. 17 (first occurrence) states: 'In case of any discrepancy between the two, the amount in figures shall be treated as sacrosanct.' Vol. 1 ITT Cl. C17 provides a more comprehensive and hierarchical framework for resolving discrepancies in tender submissions (between words and figures, rates and computed amounts, etc.). The BOQ preamble's simplified single rule ('figures govern') is a reduction of the ITT hierarchy and cannot override it per the document precedence in Vol. 3 Cl. 2.5.3 (NIT/ITT provisions govern). This Cl. 17 (first) in the BOQ preamble is also a duplicate number — the second Cl. 17 in the preamble is about on-account payment, creating further confusion. For Schedule B and C (percentage-rate items), discrepancy between 'figures' and 'words' for a percentage rate (e.g., '5%' vs 'Five percent') presents differently from a lump-sum price discrepancy.</td><td>Vol. 6 BOQ Preamble Cl. 17 (first) on discrepancy resolution potentially conflicts with Vol. 1 ITT Cl. C17, and is not applicable to all BOQ schedule types: (a) Please confirm that Vol. 1 ITT Cl. C17 governs over Vol. 6 BOQ Preamble Cl. 17 in all cases of discrepancy; (b) For Schedule B and C (percentage rates), clarify how discrepancy between figures and words is resolved — e.g., if a bidder writes '5.00%' in figures but 'Five and a half percent' in words, which governs; (c) For Schedule A (lump sum), clarify what constitutes the 'amount in figures' — the quoted lump sum price box, or the unit rate breakdown used for variation purposes; (d) Please issue a corrigendum renumbering all Vol. 6 BOQ Preamble clauses in proper sequence and removing any provision that duplicates or overrides Vol. 1 ITT Cl. C17.</td><td>No change in Tender conditions.</td></tr>
<tr><td>216</td><td>ITT page no 38</td><td>18.1.4</td><td>Tender Fee/ Tender document cost and Tender Security/ Earnest Money Deposit (EMD)</td><td>To facilitate payment of Tender Fee and Tender Security through RTGS, NEFT & IMPS, the detail of bank account of NMRC is mentioned below:
<table><tr><th>Name of Bank</th><th>Bank’s Address</th><th>Account Name &No.</th><th>Account Type</th><th>IFSC code</th></tr><tr><td>State Bank of India</td><td>State Bank of India (04077) – Sector 18, Noida, Gautam Budh Nagar, Uttar Pradesh - 201301</td><td>A/c No. 37707840592</td><td>Current</td><td>IFSC Code: SBIN0004077</td></tr></table></td><td>Bank details provided for RTGS, NEFT & IMPS payment. Bidder requests you to provide the Bank details required for preparation of the Bank Guarantee also.</td><td>The same bank details shall be considered for BG preparation.</td></tr>
<tr><td>217</td><td>NIT page no 2</td><td>1.1.2</td><td>Key details</td><td>Date & time of Submission of Tender online:
Tender submission start date: 05.06.2026 (09:00hrs).
Tender submission end date: 12.06.2026 (15:00hrs).</td><td>Considering the quantum of work and the extent of design involvement, we require additional time for detailed study, planning, and obtaining vendor proposals in order to arrive at a competitive and economical pricing.
We therefore request you to kindly extend the bid submission deadline by at least three (3) weeks, i.e., up to 03.07.2026.</td><td>No change in Tender conditions.</td></tr>
</table>

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
218	Vol. 5 – Tender Drawing NGNE-ALG-TED-STR-10001 (Sheet 8 of 18) – Noida Sector 97 Station			Drawing NGNE-ALG-TED-STR-10001 (Sheet 8 of 18) shows the layout plan for Noida Sector 97 Elevated Station. The Left Side Entry/Exit Ramp is proposed at a location that overlies an existing Gas Pipeline (as shown in the same drawing). Gas pipelines are high-risk pressurised utilities governed by PNGRB regulations and GAIL/IGL safety exclusion zones — typically requiring a minimum clearance of 3m horizontally from any new structure foundation. No note or rider is provided on the drawing regarding the utility conflict, diversion requirement, or design modification to the ramp alignment.	Drawing NGNE-ALG-TED-STR-10001 Sheet 8 of 18 shows an existing Gas Pipeline running through the proposed location of the Left Side Entry/Exit Ramp at Noida Sector 97 Station. Please clarify: (a) Whether the Gas Pipeline shown at this location is a high-pressure or medium-pressure line (PNGRB regulated), and whether the required safety exclusion zone has been assessed for the proposed ramp foundation; (b) Whether NMRC/NMRC's concessioning authority has already obtained consent/NOC from the concerned utility owner (GAIL/IGL or relevant agency) for construction of the ramp in this vicinity; (c) Whether the Entry/Exit Ramp on the Left Side at Sector 97 Station is to be relocated to avoid the gas pipeline conflict, or whether the pipeline is to be diverted — and if so, who bears the cost and which BOQ item/schedule covers it; (d) Whether diversion of this Gas Pipeline is covered under lump-sum Schedule A, Schedule B-4 (Diversion of Utilities – NDSR), or a separate provisional sum; (e) Whether the contractor is required to carry out an independent utility survey (including ground-penetrating radar/service detection) at this station specifically before finalising ramp foundation design, and whether this cost is deemed included in Schedule A.	a) The shown pipeline is a Hazira-Vijaipur-Jagdishpur (HVJ) Pipeline Project of GAIL. The clearance from the said gas pipleline shall be as per the tender drawing NGNE-ALG-TED-STR-10001. b) The design of station structure is not in the scope of work. c) The pipeline is a important structure and shall not be diverted. The design of viaduct shall be carried out considering the pipeline and its clearance zone as mentioned in tender drawing. d) refer point c above. e) The identification of utilities and interface with the utility owning agencies is in the scope of work as per Clause 2.1 (iii), point 8 of Notes of Clause 2.1, Clause 2.1.A.1, 2.1.A.3 & 2.1.A.7 of Employer's Requirements - Functional.
219	Vol. 4 – Part B (ODS) Cl. 5.5 (Design Ground Water Table) & Vol. 1 – NIT Cl. 1.1.4 (Vol. 7 = Geotechnical Investigation Report)	Vol. 4 ODS Cl. 5.5: Design GWT = maximum of (i) CGWB data, (ii) Soil investigation report GWT, (iii) Contractor's own GWT measurement — 'design GWT shall be taken as 4.0m higher than the Base value for liquefaction assessment' / Vol. 1 NIT Cl. 1.1.4: Vol. 7 = GIR provided		Vol. 4 ODS Cl. 5.5 states: 'The Design Ground Water Table shall be taken as the highest of: (i) CGWB (Central Ground Water Board) data for the location, (ii) Ground water table from the Soil Investigation Report, and (iii) Ground water table as measured by the Contractor.' The design GWT is further taken as 4.0m higher than this base value for liquefaction potential assessment. Vol. 1 NIT Cl. 1.1.4 lists Vol. 7 (Geotechnical Investigation Report / GIR) as the only ground investigation document provided in the tender. The GIR (Vol. 7) contains borehole-based GWT observations. However, CGWB data — required as the first comparator in the three-way maximum — is not included in Vol. 7 or any other tender document. No clause in Vol. 1, Vol. 3, or Vol. 4 specifies who is responsible for procuring CGWB data, or whether this is treated as a contractor obligation included in the lump sum price.	Vol. 4 ODS Cl. 5.5 requires the design GWT to be the maximum of CGWB data, GIR data, and the contractor's own GWT measurement. However, CGWB data is not provided in any tender document, and no clause assigns responsibility for procuring it. Please clarify: (a) Is the contractor solely responsible for obtaining CGWB ground water data for each pier/station location along the entire alignment, and is this cost deemed included in the lump sum Schedule A (under G.1 – Soil investigation for design purpose)? (b) If CGWB data procurement is a contractor responsibility, the GWT at time of CGWB data collection may differ from the GWT at time of construction — please confirm the reference season/year for CGWB data and how temporal variation in GWT is to be addressed in the foundation design; (c) CGWB published data may not be available at the granularity of individual pier locations (CGWB data is typically at district/taluka level) — in the absence of pier-level CGWB data, what interpolation methodology is acceptable; (d) If CGWB data consistently returns a higher GWT than the GIR observation — requiring deeper piles or heavier pile caps than estimated from the GIR alone — will this constitute a variation entitling the contractor to additional payment, or is it a design risk assumed under the lump sum; (e) Please confirm whether NMRC will provide CGWB data as part of a pre-bid corrigendum or addendum, in the interest of uniform pricing across all bidders.	No change in Tender conditions.
220	Vol. 1 – NIT Cl. 1.1.4 (Tender Documents – Vol. 5 Drawings) & Vol. 5 – Tender Drawings (Alignment / GAD)	Vol. 1 NIT Cl. 1.1.4: Vol. 5 = List of Tender Drawings / Vol. 5 Drawings: General Arrangement Drawings and Alignment Drawings provided in PDF/DWG format only — No KMZ/KML geo-referenced alignment file provided		Vol. 1 NIT Cl. 1.1.4 lists Volume 5 as the 'List of Tender Drawings.' The alignment and General Arrangement Drawings (GADs) for the project are provided in Vol. 5 in static PDF/CAD (DWG) format only. No KMZ (Keyhole Markup Language Zipped) or KML (Keyhole Markup Language) geo-referenced alignment file has been provided in the tender documents. KMZ/KML files are geo-referenced vector files viewable in Google Earth, QGIS, and similar GIS platforms, enabling bidders to accurately overlay the proposed alignment, pier locations, and station footprints over current satellite imagery to identify: existing utility corridors, tree lines requiring felling permissions, encroachments, right-of-way constraints, utility conflicts (as in the gas pipeline case at Noida Sector 97 station, refer SN 39), and ground-level site conditions — all of which are critical for accurate lump-sum pricing under Schedule A.	Kindly provide the complete project alignment, pier locations, station footprints, and associated infrastructure in KMZ/KML geo-referenced file format as part of the tender documents (as an addendum to Vol. 5). This is requested for the following reasons: (a) Geo-referenced KMZ/KML overlays allow bidders to accurately identify utility conflicts, encroachments, restricted zones (HT lines, gas pipelines, water mains), and existing structures along the alignment — enabling more accurate lump-sum pricing and reducing post-contract variation claims; (b) Static PDF/CAD drawings do not carry real-world coordinate data usable for GIS-based site analysis; without a KMZ/KML file, bidders must independently geo-reference the drawings, introducing interpretation errors and inconsistency across bids; (c) The utility conflict already identified at Noida Sector 97 Station (Gas Pipeline vs. Left Side Entry/Exit Ramp, refer SN 39) is an example of a conflict that would have been immediately apparent from a KMZ overlay — it is likely that similar conflicts exist elsewhere along the alignment and can only be systematically identified with geo-referenced data; (d) For a Design & Build contract where the contractor is responsible for Preliminary and Definitive Design, geo-referenced alignment data is a standard input to design tools (ETABS, STAAD, Revit, Civil 3D, PLAXIS) and GIS-based utility coordination; (e) Please confirm whether the KMZ/KML file will be issued via a pre-bid addendum, and whether it will include: pier centre coordinates (in WGS84 and local state plane/UTM), station entry/exit footprint polygons, and the chainage reference baseline.	Refer Addendum-2.
7.0 M/s J. Kumar Infraprojects Ltd.						
221	NIT page no 2	1.1.2	Key Details	1.1.2 Key details, Approximate cost of work- INR 1,267 Crores	Bidder requests the Authority please clarify about the Tender cost whether it is inclusive of GST or exclusive of GST?	The price is inclusive of GST. Refer Clause 2.6 C of ITT and Clause 11.1.1 of GCC.
222	Volume 5			Volume-5, Drawings-P1 to Volume-5 Drawings-P8	Bidder requests the Authority to provide Alignment, GAD including topographic survey details in editable CAD format on actual geo-coordinates. Also, please share Auto CAD drawings of all structural drawings.	Refer Addendum-2.
223	Volume 5			Volume-5, Drawings-P1 to Volume-5 Drawings-P8	Bidder requests the Authority to provide KMZ file on actual coordinates for understanding the alignment of project and actual terrain condition.	Refer Addendum-2.
224	General			Hydrological Data and Bathymetry survey data	We request the Authority to kindly provide the hydrological data for all rivers and nallahs falling along the project alignment. The data may please include the following parameters, if available with the Authority: High Water Level (HWL) Low Water Level (LWL) Likely Flood Level (LFL) Design Discharge Flow Velocity Scour Depth Tidal Variation (where applicable) This information is essential for accurate hydraulic and structural design considerations.	Bed level - 193.56 m. HFL level - 196.80 m. Further, refer Clause A7 of ITT and Clause 4.9 of GCC. The design of Viaduct is in the scope of work and therefore, the necessary interface for approval of Viaduct from Irrigation Department shall be in the scope of work. Refer Addendum-2.

<table>
<tr><th>S.No</th><th>Section</th><th>Clause No.</th><th>Name of the Clause</th><th>Description of Clause</th><th>Bidder's Query</th><th>NMRC Reply</th></tr>
<tr><td>225</td><td>ER functional Page no 32</td><td>5</td><td>CLEARANCES</td><td>The limits of land for the Works are shown on the Worksite Drawings. The Contractor shall design the Works to be contained totally within these limits, respecting the regulations concerning construction and property boundaries of the local authorities such as Noida / Greater Noida Authorities, DMIC-IITGNL, Irrigation Department, Forest Department, DMRC etc. In the event that the
Contractor, having used its best endeavours, is unable to design the permanent works and utilities to be contained totally within these limits, then the Employer will obtain the necessary additional land or the Contractor may be required to redesign the structure as instructed by Engineer</td><td>Please provide status of land acquisition of permanent works, if any land acquisition is still pending kindly provide timescale in which it will be handed over to contractor. Also, we request you to provide timeline for handover of stretches to Contractor for access and required for proper planning.</td><td>The right of access to the site shall be granted progressively for the completion of works. Further, the entire land requirement is Government land and there is no private land acquisition requirement.</td></tr>
<tr><td>226</td><td>FOT Page 70 R</td><td>APPENDIX-1</td><td>REQUIREMENTS UNDER GENERAL CONDITIONS OF CONTRACT</td><td>'Time for completion' of the work from
the date of commencement of the work</td><td>The tender scope of works involves major civil structural and associated works in Viaduct and Station including Civil, Associated Ancillary Structures, Architectural finising and PEB and E&M works, utility shifting etc. The total length of the project is also significantly large approx 15Km with 10 Metro Stations. Analysing the vast scope of works, the proposed timeline of 36 months by Employer is considerably less to complete the project effectively by Contractor in proposed time, quality and cost wise. Hence, bidder request to the Authority to increase the timeline by another 6 months i.e. total project duration = 42 months and provide revised key dates accordingly.</td><td>No change in Tender conditions.</td></tr>
<tr><td>227</td><td>GCC page no 18</td><td>4.2.1</td><td>Performance Security Amount</td><td>Volume-2 Part-1, Performance Security Amount
Within 30 days from date of issue of the Letter of Acceptance, the successful Tenderer shall furnish Performance Security, for an amount of ten per cent of the Contract value in types and proportions of currencies in which the Contract Price is payable either in the form of a Bank Draft, FDR or in the form of a Bank Guarantee from a branch in India of a scheduled foreign bank or from a scheduled commercial bank in India acceptable to the employer.</td><td>Bidder request authority to reduce the Amount of Performance Guarantee to 5% of Contract Value to reduce the financial burden on Contractor and smooth cash flow for the project. Also, Bidder requests authority ot allow the submission of Insurance Surety Bonds as a valid and acceptable mode for the Performance Security.</td><td>No change in Tender conditions.</td></tr>
<tr><td>228</td><td>SCC page no 13</td><td>11.1.3</td><td>Price Variation</td><td>Volume-2 Part-2, Price Variation
The Price Variation shall be payable upto a capped limit of 20% of the Contract Value under this contract.</td><td>in view of the present highly volatile market for raw materials and unpredictable fluctuations in input costs due to present economic and geopolitical tensions, Bidder requests the Authority to kindly increase the price variation limit capping to minimum 30% of Contract Value under this Contract.</td><td>No change in Tender conditions.</td></tr>
<tr><td>229</td><td>SCC page no 20</td><td>11.2.1</td><td>Advances</td><td>Volume-2 Part-2, Advances
The Advances against Mobilisation and Plant & Machinery shall be interest bearing.
The Rate of Interest shall be charged at "RBI Bank Rate + 2% (TwoPercent) simple interest. Interest will be chargeable and calculated on reducing balance method.</td><td>Bidder requests the Authority to provision interest-free advances to facilitate smooth project mobilization and maintain cash flow for the project.</td><td>No change in Tender conditions.</td></tr>
<tr><td>230</td><td>ER Functional
Page nos.-28</td><td>2.8</td><td>CONSTRUCTION / CASTING YARD & DUMPING AREA</td><td>Volume-3,Construction / Casting Yard & Dumping Area
For casting yard, batching plant and other activities a plot of land of approx. 60,000 Sq. m (approx..) will be made available by NMRC on as is where is basis within 45 Km from the work site free of cost as the precast member of viaduct and stations are large in number.</td><td>Bidder requests the Authority to-
1.As per the bidder's analysis and based on previous project experience, the provision of 60,000 sqm land is found to be insufficient for accommodating both the casting yard, Office, RMC plant, dumping yard etc. Therefore, it is requested that the Authority kindly amend the relevant clause to provide a minimum of 1,00,000 sqm land to meet the project requirements. Additionally, the Contractor should get reimbursement for lead charges to and from Launching Site if the land provided by Client is more than 20 kms leads. Please confirm.
2. If the allocated land is beyond 20 km, kindly provision/reimburse the lead cost as per current market rates.</td><td>No change in Tender conditions.</td></tr>
<tr><td>231</td><td>ER Appendix Page no 72</td><td>Appendix 2B</td><td>Key dates</td><td>Appendix 2B
<table><tr><th>Key dates no</th><th>Description of stage</th><th>Time to achieve (weeks)</th><th>Liquidity Damages for non-achieving the key dates</th></tr><tr><td>KD 6</td><td>Casting of 1st U-Girder</td><td>18</td><td>0.01% of total contract value per week of delay for the key date</td></tr><tr><td>KD 4</td><td>Completion of 1st Formwork for precast U – girder element of production line for Engineer's approval</td><td>14</td><td>0.01% of total contract value per week of delay for the key date</td></tr></table></td><td>The bidder requests the Authority to revise the Viaduct Key date KD-4 & Key Date KD-6. As per the past experience in projects, the casting yard land taking over from Client and Casting yard development works take atleast 4 to 5 months time and first U-girder casting is generally started efficently in 6 months time. Therefore, we kindly request the Authority to revised the Key dates KD 4 to 21 weeks and Keydate KD 6 to 26 weeks from the commencement date.</td><td>No change in Tender conditions.</td></tr>
<tr><td>232</td><td>ER Appendix Page no 73-74</td><td>Appendix 2B</td><td>Key dates</td><td>KD :
<u>For Stations:</u>
<table><tr><th>Key dates no</th><th>Description of stage</th><th>Time to achieve (weeks)</th><th>Liquidity Damages for non-achieving the key dates</th></tr></table></td><td>The bidder requests the Authority to revise the Station Key dates from KD-2 to KD-8 by additonal 12 weeks in each key date to keep the construction milestone practically achievable.</td><td>No change in Tender conditions.</td></tr>
<tr><td>233</td><td>Volume-5 Part-1 ,2 & 3.</td><td></td><td></td><td>Station Drawings</td><td>Bidder requests the Authority-
Kindly Provide the below station drawings. The following Station Drawings found to be missing from the current Tender documens. Hence we request to provide the following drawings at the earliest.
Sector-108 Station= Roof level Plan, Platform Level Plan, Concourse Level Plan, Ground Level Plan, Typical Cross Section.
Sector-105 Station= Roof level Plan, Platform Level Plan, Concourse Level Plan, Ground Level Plan, Longitudinal Section, Typical Cross Section.
Sector-97 Station= Roof level Plan, Platform Level Plan, Concourse Level Plan, Ground Level Plan, Longitudinal Section, Typical Cross Section.</td><td>Refer Addendum-2.</td></tr>
<tr><td>234</td><td>Volume-6, Sl.No.1.1, Page no.-100</td><td></td><td></td><td>SCHEDULE-C (SUB HEAD - C3 - Lumpsum provision for E&M work under DSR 2025)</td><td>SCHEDULE-C (SUB HEAD - C3 - Lumpsum provision for E&M work under DSR 2025), only lumpsum amount is provided, but quantities are not mentioned. Kindly provide the detailed quantities for these items to facilitate a better understanding of the scope and planning of the project.</td><td>The lumpsum provision considered in Schedule C3 is for petty E&M works which are not part of Schedule A & B.</td></tr>
<tr><td>235</td><td>Volume-6 , Page no.-42 to 76</td><td></td><td></td><td>Sub head B-4 consists of NDSR items for Diversion of Utilities works. The tenderer has to quote percentage above/below/at par rates against Sub head B-4.</td><td>In BOQ Schedule B-4 (Utility Diversion for Civil & Electrical/Telecom utilities works), only rates and a lumpsum amount are provided, but quantities are not mentioned. Kindly provide the detailed quantities for these items to facilitate a better understanding of the scope and planning of the project.</td><td>Utility Identification work is in the scope of contractor and the diversion/shifting, if required, shall be paid on item rate basis.</td></tr>
</table>

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
236	Utilities			-	As per the mention Clauses in contract, it is understood that the Contractor will get the payment for shifting of charted utilities/uncharted utilities such as Storm water drain, Sewer line, Water line, Electrical cables,Optical Fibre cables, Telephone poles etc. on measurement basis except RCC drain, please clarify	Charted Utilities as per clause 2.1 (xl) of Employer's Requirements-Functional are under lump sum portion. Rest, Uncharted utilities shall be paid on item rate basis.
237	Volume-5 Part-1,2 & 3.			Typical Arrangement of Station	Bidder understands that the Station Structure design is in Clients scope. We request you to clairfy whether the proposed design by Client is Precast of Cast in Situ. Also, kindly clarify whether after the request of Contractor to convert the Station Design to precast will be allowed by Client for faster construction and ease of Construction in the busy city like Noida. In that case, Bidder requests Authority to allow typical structural arrangement to be changed to other types like Precast Rectangular girders, Pi girders, RCC/PSC T girders, L-girders,I-girders etc. to suit best erection possibility as per site conditions in their proposals. Kindly confirm.	No change in Tender conditions.
238	ER/Construction Pg 52	16	THE SITE	Hoardings, barricades, gates, blinkers and signs shall be maintained in clean and good order by the Contractor until the completion of the Works, whether such hoardings, fences, gates, blinkers and signs have been installed by the Contractor or by others and transferred to the Contractor during the period of the Works. All the fencing, hoardings, gates, blinkers and signs etc. shall be mopped minimum one in a week and washed monthly.	As there are presence of numerous Hoarding, Signboards, Highmast etc. in centre of alignment which will be required to be removed for construction activities. Location for restoration of the same to be provided by Authority. Bidder understands that the charges for removing and restoration of mentioned utilities will be paid by Employer seperately in relevant schedule or as per CPWD DSR. Please confirm	No change in Tender conditions.
239	ER-Functional, Page no.-16	2.1	LUMPSUM SCOPE OF WORK	2.1. LUMPSUM SCOPE OF WORK – (Viaduct, Viaduct in station excluding concourse portion) Shape and profile of Piers including Cantilever piers, portal piers and portal beams is to be as per tender drawings.	Bidder requests Authority to allow using other shapes, profile and design for Portal Beams such as precast U-profile with CIS deck, Hollow precast Box portal beam in his tender proposals. Please confirm	No change in Tender conditions.
240	General			DPR Not Provided	Bidder requests Authority to provide DPR	No change in Tender conditions.
241	ER-Functional, Page no.-28	2.8	CONSTRUCTION / CASTING YARD & DUMPING AREA	C&D Waste generated from construction depot, viaduct, station during construction to be transported to NMRC/any other processing plant only within 45 km lead from the site and cost of the same is also included in lump sum cost of schedule A.	Bidder appreciates the Authority will be providing C&D waste processing plant within 45km free of cost from Alignment. However, it is requested that if the allocated land is beyond 20 km, kindly provision/reimburse the lead cost as per current market rates.	No change in Tender conditions.
242	ER/Construction Pg 57	6	DAMAGE AND INTERFERENCE	The felling of trees in the Noida/ Greater Noida/NCR Delhi is governed by the Uttar Pradesh Protection of Trees Act, 1976 and associated latest amendments. The Contractor is not permitted to cut any trees without the permission of the Employer. The Employer has assessed the number of trees existing within the right-of-way and contractor has to arrange permission from Forest Department cutting back or removal of trees which are deemed to be affected by the right of way (ie. within the limits of permanent works) construction works. The trees requiring to be felled will be removed from ground level up by the Forest Department/ Noida-Greater Noida Authorities. The Contractor will not be permitted to cut or remove any further trees. If for the purposes of the works additional trees are required to be cut/trimmed or removed, the Contractor must notify the Engineer of further tree felling requirements. Subject to compliance with the aforementioned act, arrangements for permission from Forest Department for tree felling/transplantation shall be done by the contractor. The payment of tree cutting, removal, transportation and transplantation required shall be paid in relevant schedule of BOQ.	We request Authority to keep Tree cutting/transplantation/ trimming etc permssions scope from Forest department in the scope of NMRC or local bodies due to Government liasonig works are better coordinated by Client and to avoid any unnecessary delay for start of works.	No change in Tender conditions.
243				(xxx) Necessary permission/ NOC from the Railway/ Road/ Forest department and other concerned regulatory authorities for block and working in such locations. NMRC will facilitate for getting them permission from concerned regulatory authorities for working in such locations.	We request you to consider all necessary NOC, Permission from local authorities such as Railway, CPWD, Police, Traffic Police and other concerned regulatory authorities for utitlities, blocking services and working in such locations - to be in this Scope of Employer. (Since it is time taking process so to avoid such situation all necessary NOC/ Permits/ Permission from local Authorities / Statutory Authorities to be in the scope of Employer)	No change in Tender conditions.
244				Top width of Viaduct Structure	As per tender drawings, we have observed that no top width for Viaduct in U-girder is shown and total top width of Viaduct is not mentioned. We request authority to provide the same.	Schedule of Dimension is to be ensured.
245				Superstructure design	It is understood that successful bidder shall design the superstructure and get it approved from GC / NMRC and no standard patentented drawings shall be provided by the authority, Please confirm.	No change in Tender conditions.
246				-	Bidder requests to provide FRLs of exsiting bridge crossing for clarity.	Refer, Clause A7 of ITT and Clause 4.9 of GCC. Further, the design of Viaduct including span arrangement is in the scope of contractor.
247				-	At some locations Elastomeric bearings is specified wheras at a few locations POT PTFE is specifed. Please confirm that the bidder is free to choose the type of bearing as per design requirements	No change in Tender conditions.
248				-	Please confirm that the bidder is free to adopt type of superstructure i.e. PSC I girders, PSC Box girders, U girders etc in Viaduct based on the design requirements and erection feasibility effectively servibg the intended functional requirements.	Refer clause 2.1 xii of Employer's Requirements-Functional. No change in tender conditions.
249				-	Considering the aspects of sustainability, optimization of resources, and the need to expedite construction activities, the bidder hereby requests the authority to permit the adoption of a 31-meter span for the U-Girder, However This modification will not only enhance construction efficiency by reducing the number of piers and associated foundation works but will also minimize on-site disruptions, material consumption, and overall project duration. Furthermore, it aligns with modern construction practices that emphasize sustainable design, cost-effectiveness, and timely execution.	No change in Tender conditions.
250				-	We noticed that the Down Line connectivity in GAD of proposed Viaduct at end of Project where the track splits in Single track, the Down line from Ch. 11+180 to Ch. 12+036, levels are not provided. Hence, we request to provide all necessary levels for this particular stretch.	Refer Addendum-2.
251				-	Please explore possibility of avoiding U-girder span <15m as it becomes difficult to design due to change in behaviour	No change in Tender conditions.
252				-	Station common pier is in LS scope or item rate	Refer Addendum-2.
253				-	It is understood that U-girder design is in contractor's scope. U-girder shape is flexible or fixed. Actually shape given in GAD and in Earthing arrangement/braket details drawings are different.	Refer GAD Drawings for reference. Earthing arrangement drawing is indecative only.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
254				-	In semi through plate girders, is is permitted to provide horizontal welds in web or not?. Actually the girder depth requirement may be much higher compared to commonly available plates up to 3m width.	No, it is not permitted.
255				-	We request to specify the Ground water table to be considered in design of foundations as at later stage there may be difference of opinion	No change in Tender conditions.
256				-	We propose to clarify the Cmin to be considered as cover for crack width check and limit it to 50mm as given in IRC. There is some confusion in IRS CBC code regarding Cnom and Cmin definitions	No change in Tender conditions.
257				-	Regarding GT report given with tender documents, we propose that contractor may be allowed to carry out thorough study of this report, accordingly prepare independent recommendations following all codel provisions and submit for approval of PC/Client before using it if desired.	No change in Tender conditions.
258				-	Please explore possibility of allowing use of PSC I-girder & slab superstructure for special spans up to 40m.	No change in Tender conditions.
8.0 LARSEN & TOUBRO LIMITED						
259	GCC page no 18	4.2	Performance Security	(i) Performance Security for an amount of 10% of Contract value, if the same is in the form of Bank Guarantee/FDR, it shall be valid up to 6 months beyond the Defect Liability Period, or	Bidder requests to reduce the Performance Security from 10% to 5% of the Contract value to ease financial burden and improve cash flow during project execution. Bidder requests to reduce the validity of the Performance Bank Guarantee to 21 days beyond the Defects Liability Period.	No change in Tender conditions.
260	FOT Page 70	APPENDIX-1 (iv)	Liquidated Damages	(i) Liquidated damages shall be levied as given in Appendix 2B of Employer's Requirements for not achieving the respective key date. (ii) The maximum limit of Liquidated Damages shall be 10% of the total Contract Value. (iii) Total maximum limit of LD including sums payable by the employer to designated contractors is 15% as mentioned in GCC.	Bidder requests to keep LD cap as 10% of contract value inclusive of sums payable by the employer to designated contractors.	No change in Tender conditions.
261	FOT Page 70	APPENDIX-1 (iv)	Liquidated Damages	(i) Liquidated damages shall be levied as given in Appendix 2B of Employer's Requirements for not achieving the respective key date. (ii) The maximum limit of Liquidated Damages shall be 10% of the total Contract Value. (iii) Total maximum limit of LD including sums payable by the employer to designated contractors is 15% as mentioned in GCC.	Bidder requests that if subsequent Milestone(s) are achieved within the stipulated or duly accepted extended Time for Completion, any previously withheld Delay Damages be released to the Contractor.	No change in Tender conditions.
262	GCC page no 13 & 14	1.5	Priority of documents	a. The Contract Agreement; b. The Letter of Acceptance; c. Pre and Post bid proceeds d. Form of Tender e. BOQ/Payment schedule f. NIT g. ITT h. The Outline Design Specifications (Design Criteria) and Outline Construction Specifications; or any other specification i. Drawings j. The Employer's Requirements k. The Special Conditions of Contract; l. The General Conditions of Contract; m. The Contractor's Proposal; and Any other document forming part of the Contract.	Bidder requests to include (c) the Contractor's Proposal after the (b) Letter of Acceptance.	No change in Tender conditions.
263	GCC page no 15	2.1	Access to and Possession of the Site	The Employer shall grant the Contractor right of access to, and / or possession of the site progressively for the completion of works. Such right and possession may not be exclusive to the Contractor. […] For any such delay in handing over of site, Contractors will be entitled to only reasonable extension of time and no monetary claims, whatsoever shall be paid or entertained on this account.	The bidder requests that the sequence for progressive handover of the site be clearly defined. Furthermore, in the event of any changes to this sequence or delays, the contractor shall be granted entitlement to an Extension of Time (EOT) along with appropriate cost compensation due to the delay.	No change in Tender conditions.
264	GCC page no 45	8.1	Commencement of Works	The Contractor shall commence the works on the date specified in the Letter of Acceptance or if no date is specified in the Letter of Acceptance, on the date specified in an instruction in writing to that effect from the Engineer (Notice to Proceed).	Bidder requests that the Commencement Date be notified with not less than 7 days' prior notice and that it occurs within 42 days after receipt of the Letter of Acceptance.	No change in Tender conditions.
265	GCC page no 47	8.5	Liquidated Damages for Delay	[…] The Liquidated Damages may also be recovered from the Amount of Performance Security Bank Guarantee and in that case the Contractor would be liable to replenish the amount of Performance Security Bank Guarantee.	Bidder requests to clarify that Delay Damages shall constitute the sole and exclusive remedy of the Employer for delay in completion, without prejudice to other provisions of the Contract.	No change in Tender conditions.
266	GCC page no 10	1.1.2	Persons	"Engineer" means any person nominated or appointed from time to time by the Employer to act as the Engineer for the purposes of the Contract and notified as such in writing to the Contractor.	Bidder requests to confirm and notify the details of the Engineer in writing prior to the Date of Commencement of the Works.	No change in Tender conditions.
267	GCC page no 46	Extension of Time	8.4.1	The Contractor may apply for an extension of the Time for Completion if the Work is or will be delayed either before or after the Time for Completion by any of the following causes: a. "Force Majeure" referred to in Clause 16.0 b. […] h. An Employer's Variation.	Bidder requests to include the point below h. as, "i. exceptionally adverse climatic conditions j. Unforeseeable shortages in the availability of personnel or Goods (or Employer-Supplied Materials, if any) caused by epidemic or governmental actions; k. a cause of delay giving an entitlement to EOT under a Sub-Clause of these Conditions;"	No change in Tender conditions.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
268	GCC page no 29	4.23	Unforeseeable Physical Conditions	In this Clause "physical conditions" means natural physical conditions, which the Contractor encounters at Site while executing the Works excluding climatic conditions. If, during the execution of, the Works, the Contractor shall encounter physical conditions, which, in his opinion, could not have been reasonably foreseen by an experienced Contractor, the Contractor shall forthwith give written notice thereof to the Engineer and if, in the opinion of the Engineer, such conditions could not have been reasonably foreseen by an experienced Contractor, then the Engineer may certify and the Employer shall may pay reasonable additional cost to which the Contractor shall have been put by reason of such conditions in the following cases: a. for complying with any instruction which the Engineer may issue to the Contractor in connection therewith, and b. for any proper and reasonable measures approved by the Engineer which the Contractor may take in the absence of specific instructions from the Engineer, as a result of such conditions or obstructions being encountered. The decision of the Engineer as to the additional cost shall be final and binding.	Bidder requests that any delays caused by unforeseeable physical conditions at Site be entitled to Time Extension (EOT). Bidder requests to modify the last para as, "The decision of the Engineer as to the additional cost shall be mutually discussed with the Contractor and finalized."	No change in Tender conditions.
269	GCC page no 16	2.4	Assignment by the Employer	The Employer shall be fully entitled without the consent of the Contractor, to assign the benefit of the part thereof and any interest therein or thereunder to any third Party.	Bidder requests to modify the sub-clause as, "The Employer shall be entitled to assign the benefit of the Contract, or any part thereof, and any interest therein to any third party, only with the prior consent of the Contractor."	No change in Tender conditions.
270	GCC page no 43	7.10.2	Cost of uncovering the work already covered up	[…] The decision of the Engineer in this regard shall be final and binding on the Contractor.	Bidder requests to modify the last para as, "The decision of the Engineer in this regard shall be mutually discussed with the Contractor and finalized."	No change in Tender conditions.
271	GCC page no 28	4.19	Tools, Plants and Equipment Supplied by the Employer	[…] The decision of the Engineer as to the amount recoverable from the Contractor on. this account shall be final and binding.	Bidder requests to modify the highlight as, "Engineer's decision post mutual discussion with the Contractor will be final and binding…"	No change in Tender conditions.
272	GCC page no 54	11.2.1	Mobilization Advance	b. Mobilization Advance shall be paid interest free against acceptable Bank Guarantee from a scheduled commercial bank in India. The value of Bank Guarantee taken towards security of "Mobilization Advance" shall be 110% of the Advance taken by the Contractor. The Contractor, once the 50% of Mobilization Advance has been recovered, shall have a one time option to reduce the Bank Guarantee for the Mobilization Advance by the amount recovered.	The bidder proposes that the Bank Guarantee amount be limited to 100% of the mobilization advance, instead of 110%, and further requests that the Bank Guarantee be progressively reduced upon every recovery of 20% of the mobilization advance.	No change in Tender conditions.
273	BOQ page no 7	Schedule A		Sub-heads V.11 and V.12	We request employer to reduce percentage break-up of sub-heads V.11 and V.12 to 1% each and increase that of V.1.1.1 by 2% and V.1.1.2 by 1%.	No change in Tender conditions.
274	ER Appendix Page no 73	Appendix 2B	Key Dates	Station Key-dates for Completion of Casting of Slab for Concourse Level AND Completion of Casting of Slab for Track Supporting Structure Both are named KD 2	We request employer to renumber the key-dates and provide revised schedule.	Refer Addendum-2.
275	ER Appendix Page no 73-74	Appendix 2B	Key Dates	KD 2 - Casting of Slab for Concourse Level (i) KD 2 - Casting of Slab for Track Supporting Structure (i) KD 5 (i) KD 6 (i) KD 7 (i)	We request the employer to increase Key Date Durations for each of these station key dates by at least 4 weeks	No change in Tender conditions.
276	GCC page no 60	11.2	Post Payment Audit	It is an agreed term of the Contract, that the Employer reserves to himself the right to carry out a post payment audit and / or technical examination of the Works, and the Final bill including all supporting vouchers, abstracts, etc., and to make a claim on the Contractor for the refund of any excess amount paid to him, If as a result of such examination, any over-payment to him is discovered to have been made in respect of any Work done or alleged to have been done by the Contractor, under the Contract. If any under-payment is discovered, the same shall be paid by the Employer to the Contractor. Such payments or recoveries, however, shall not carry any interest.	Bidder requests that post-payment audit and recovery rights be limited to a defined period (e.g., 12 months from Final Bill payment), except in cases of fraud or willful misconduct.	No change in Tender conditions.
277	GCC page no 61	12.2.1	Value Engineering Proposals	[…] The decision of the Engineer in this regard shall be final and binding.	Bidder requests to modify the last para of the sub-clause as, "The decision of the Engineer in this regard shall be mutually discussed with the Employer which shall be final and binding".	No change in Tender conditions.
278	GCC page no 68	13.3.4	Payment on Termination	After termination under Sub-clause 13.3.1, the Employer shall return the Performance Security, if not invoked and shall pay the Contractor an amount calculated and certified in accordance with the following conditions:: a. The value of approved materials actually brought to the site and reasonably required to execute the Works during next three months, as per approved Programme, and b. Value of Work completed up to date by the Contractor at rates specified in the Contract, after taking into account any deductions, retentions, setoff, Damages, compensation, loss payable to Employer etc. c. In addition, a sum not exceeding 2% (two percent) of the value of the work remaining incomplete on the date of Termination notice taking effect. The payment as above shall be the full compensation for termination under this Clause and the Contractor shall have no claim for damages or other entitlements whether under the Contract or otherwise.	Bidder requests to include the below: d) the Cost of removal of Temporary Works and Contractor's Equipment from the Site and the return of these items to the Contractor's place of business in the Contractor's country (or to any other destination(s) at no greater cost); and (e) the Cost of repatriation of the Contractor's staff and labour employed wholly in connection with the Works at the date of termination. and a) shall be modified as "a The value of approved materials and plants actually brought to the site and reasonably required to execute the works during next three months, as per approved programme, and	No change in Tender conditions.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
279	GCC page no 69	14.1	Indemnity	[…] All sums payable by way of compensation under these conditions shall be considered reasonable compensation payable to the Employer, without reference to the actual loss or damage sustained, and whether or not any damage shall have been sustained. The decision of the Engineer as to compensation claimed shall be final and binding.	Bidder requests to modify the highlight as, "The mutual decision of the Engineer and the Contractor shall be final and binding."	No change in Tender conditions.
280	GCC page no 73	16.6	Resumption of Work	The obligations under the Contract shall be resumed as soon as practicable after the event has come to an end or ceased to exist. In case of doubt or dispute, whether a particular occurrence should be considered an "event" as defined under this clause, the decision of the Engineer shall be final and binding. Works that have already been measured shall be paid for by the Employer even if the same is subsequently destroyed or damaged as a result of the event. The cost of rebuilding or replacing any work that has been measured shall be borne by the Employer.	Bidder requests to modify the highlight 2nd para as, "the mutual decision of the Engineer and the Contractor shall be final and binding."	No change in Tender conditions.
281	SCC page no 20	26	Sub-Clause 11.2.1 Advances and 11.2.2	The Advances against Mobilisation and Plant & Machinery shall be interest bearing. The Rate of Interest shall be charged at "RBI Bank Rate + 2% (Two Percent) simple interest. Interest will be chargeable and calculated on reducing balance method. The recovery of interest shall be same as the recovery of advances as mentioned in GCC Clause 11.2.4.	Bidder requests to provide the Mobilization and Plant & Machinery advances, interest-free to ease financial burden and improve cash flow during project execution.	No change in Tender conditions.
282	SHE page no 128	52.2	FELLING OF TREES & TREE PRESERVATION	52.2.3 The Employer shall arrange permission from the forest department for trees to be felled or transplanted. The Employer will permit the removal of trees or shrubs only after prior approval.	Bidder requests to provide the provisions for time extension and cost compensation for any delays encountered during project execution due to the delay in approval from forest department.	No change in Tender conditions.
283	ER Functional page no 29 & ER Construction page no 57	2.1 8(6)	SCOPE OF WORK UNDER BOQ ITEMS (SCHEDULE- 'B' & 'C') DAMAGE AND INTERFERENCE (Tree)	(i) Tree cutting and (or) transplantation along the alignment after getting permission from forest department / nodal agency. […] The trees requiring to be felled will be removed from ground level up by the Forest Department / Noida-Greater Noida Authorities. […]	There is discrepance in scope of tree cutting. Please clarify in whose scope is it to cut trees, contractor or authorities.	Refer Addendum-2.
284	ITT page no 52	Annexure 2	Requirements for Tender Programme	The Tender Programme shall include the Tenderer's and should indicate, wherever possible, dates and periods relating to interfaces with and between others including dates for submission of further documents required by the Contract and periods for their acceptance.	Bidder requests that adequate extension of time and corresponding cost compensation be provided in the event of delays arising due to interface contractors or Employer's other contractors, where such delays are not attributable to the Contractor.	No change in Tender conditions.
285	General				We request the employer to provide the cad drawing for alignment including existing utilities from Botanical Garden to Sector-142 station (Ch -383.959 to Ch.12130.14) & from Depot station to Boraki MMTH (Ch 28768.253 & 31263.482)	Refer Addendum-2.
286	ER Functional Page no 28	2.8	CONSTRUCTION / CASTING YARD & DUMPING AREA	For casting yards and batching plants and other activities a plot of land of approx. 60000sqm will be made by NMRC within 45km	We request the employer to provide the location of the casting yard land.	No change in Tender conditions.
287	General				We request the employer to provide Right of Way for entire alignment.	No change in Tender conditions.
288	General				We request the employer to provide all the stations structural drawings of substructure and super structure girders (Precast/cast-in-situ) which are listed under item-rate	No change in Tender conditions.
289	Er functional Page no 19	Notes No:6	LUMPSUM SCOPE OF WORK	In some of stretches placing heavy cranes for erection of U-Girder is not possible and U girder launcher used for such location	We request the employer to provide stretches where U Girder launchers need to be deployed instead of heavy cranes for erection of U Girder	No change in Tender conditions.
290	Tender Drawing			Gas pipeline is passing in the alignment from ch.4+940 to 5+300	Kindly confirm whether gas pipeline shifting is under contractor or client scope.	The pipeline is a important structure and shall not be diverted. The design of viaduct shall be carried out considering the pipeline and its clearance zone as mentioned in tender drawing.
291	General			HT and LT line in alignment	Kindly confirm whether all existing utilities like HT lines shifting are under contractor or client scope. Also provide the details of existing electric line including location, height and capacity (KV) detail in Alignment CAD drawing.	No change in Tender conditions.
292	General				We request employer to provide Utility drawings for LT Lines, Water Supply, Storm Water, Sewage line, Telephone Lines, Fiber Optic Lines etc.	The identification of utilities and interface with the utility owning agencies is in the scope of work as per Clause 2.1 (iii), point 8 of Notes of Clause 2.1, Clause 2.1.A.1, 2.1.A.3 & 2.1.A.7 of Employer's Requirements - Functional. Further, refer Clause A7 of ITT and Clause 4.9 of GCC.
293	General				Please clarify whether 3-tier stacking for U-girder can be adopted in the stacking yard.	No change in Tender conditions.
294	General				Please clarify whether 2-tier stacking for pier cap can be adopted in the stacking yard.	No change in Tender conditions.
295	Tender Drawing				Please provide exact chainage and corresponding ground levels for each pier location.	The design of Viaduct, including span arrangement finanlization is in the scope of work. Refer clause 2.1 (v), (vi), (viii) & (ix) of Employer's Requirements - Functional.
296	General				We request the employer to provide the details of existing structures on the alignment that needs to be demolished.	Refer Clause A7 of ITT and Clause 4.9 of GCC. Further, No Change in Tender Condition.
297	Tender Drawing			Proposed structural type is given for special spans between 35m to 50m in Drg. NO: NGNE-VID-TED-STR-10104	We request the employer to provide proposed structural types for special span of 31m & 32.5m	No change in Tender conditions.
298	ER Functional Page no 29	2.10 (i)	SCOPE OF WORK UNDER BOQ ITEMS (SCHEDULE- 'B' & 'C') DAMAGE AND INTERFERENCE (Tree)	The scope of work under BoQ item included Tree cutting and transplantation along the alignment after getting permission from Forest department/Nodal agency	We request the employer to provide estimated timeline for getting approval from Forest Department/Nodal agency for tree cutting & transplantation.	No change in Tender conditions.
299	ER Functional Page no 30	2.10 (xix)	SCOPE OF WORK UNDER BOQ ITEMS (SCHEDULE- 'B' & 'C') DAMAGE AND INTERFERENCE (Tree)	The scope of work under BoQ item included concrete structure between station building and Entry/exit structures including prefabricated structures and roofing system.	We request the employer to provide structural drawings for concrete structures between station building and entry/exit structures, Entry/exit structures and prefabricated structures.	No change in Tender conditions.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
300	ER Functional Page no 30	2.10 (xvii)	SCOPE OF WORK UNDER BOQ ITEMS (SCHEDULE- 'B' & 'C') DAMAGE AND INTERFERENCE (Tree)	The scope of work under BoQ item included Fabrication, supply and erection of pre-engineered building structures and Roofing sheeting works	We request the employer to provide structural drawings for PEB Structures.	No change in Tender conditions.
301	ER Functional Page no 31	2.10 (xxiv)	SCOPE OF WORK UNDER BOQ ITEMS (SCHEDULE- 'B' & 'C') DAMAGE AND INTERFERENCE (Tree)	The scope of work under BoQ item included Any other station, FOB, Entry and Exit structures.	We request the employer to provide structural drawings for FOB.	No change in Tender conditions.
302	General				We request the employer to provide details of existing bridges, flyovers, subways or any other structure located in the proposed alignment.	Refer Clause A7 of ITT and Clause 4.9 of GCC. Further, No Change in Tender Condition.
303	General				We request the employer to provide bathymetry details of water bodies crossing in the alignment.	Bed level - 193.56 m. HFL level - 196.80 m. Further, refer Clause A7 of ITT and Clause 4.9 of GCC. The design of Viaduct is in the scope of work and therefore, the necessary interface for approval of Viaduct from Irrigation Department shall be in the scope of work. Refer Addendum-2.
304	General				We request the employer to provide Google earth kmz file for entire alignment.	Refer Addendum-2.
305	ODS page no 8	6.4.2	Dynamic Augmentation	The Coefficient of Dynamic Augment shall comply with IRS Bridge Rules. No reduction for double track loading shall be considered.	The CDA factor for twin track bridges (bridge supporting must be 0.72 in accordance with IRS Bridge Rule clause 2.4.1.1 (b). Please confirm.	No change in Tender conditions.
306	Tender Drawing			Tender drawing	Kindly provide the soft copies AutoCAD Drawings for the station , Entry & Exit & FOB GFC drawings.	Refer Addendum-2.
307	Tender Drawing			Tender drawing	In tender drawings Station Superstructure has been proposed as I girders. Can it be proposed as Conventional U-girder ?	No change in Tender conditions.
308	Tender Drawing			Tender drawing	Whether platform girder is in the scope of lumpsum contract. Kindly confirm the station scope to be considered in lumpsum part	Refer Addendum-2.
309	Tender Drawing			Tender drawing	BOQ of Boraki and Botanical garden was provided. Kindly provided the list of stations under each type.	Refer GAD drawings for respective extension sections.
310	Tender Drawing			Tender drawing	Kindly provide the CAD file of plan & profile of alignment drawings. Kindly provide drawing for rail cross-over locations along with SRJ to EJ clearances.	Refer Addendum-2.
311	Tender Drawing			Tender drawing	Kindly provide KMZ file for the entire project	Refer Addendum-2.
312	General				Kindly confirm whether LG loads were considered in the substructure of station portion ?	No, it is not considered.
313	Tender Drawing			Tender drawing	In span configuration, U girder superstructure of length 28m have been proposed under sharp radius of 400m. However, based on structural gauge and kinematic envelope constraints, a 28 m U-girder is not feasible for accommodating the 400 m curve.Kindly confirm	The design of Viaduct, including span arrangement finanlization is in the scope of work. Refer clause 2.1 (v), (vi), (viii) & (ix) of Employer's Requirements - Functional.
314	General				Kindly provide the list & levels of metro crossings, transmission line to existing alignment.	Refer Clause A7 of ITT and Clause 4.9 of GCC. Further, No Change in Tender Condition.
315	Tender Drawing			Tender drawing	In station drawings, the Platform level pierarm was not provided. Kindly request to provide detailed cross section drawing and its supporting arrangement.	The design of pierarm is in lump sum portion of scope of work. Further, refer Addendum-2.
316	Tender Drawing			Tender drawing	Plan & profile drawing of up line was missing after Ch.10840. Please provide.	Refer Addendum-2.
317	Tender Drawing			Tender drawing	Janpat station was not marked in the plan & profile drawing from Ch.28720 to Ch.29440	No change in Tender conditions.
318	ODS Page no 12	6.7	SEISMIC FORCE	Seismic design & zone factor	IS1893:2025 edition is withdrawing. Kindly confirm that zone factor Noida shall be as per IS1893:2016. Also confirm that no separate zone factor is required for SLS	Refer Addendum-1.
319	ODS Page no 13	6.7.4	Response Reduction Factor	Force demands on foundations should be based on capacity design principle that is, plastic capacity of bases of columns/piers multiplied with an appropriate over strength factor. The capacity design effects need not be taken greater than the elastic design effects resulting from the design seismic combinations considered with Response Reduction factor, R=1.0. The similar capacity design principles shall be applied for calculation of horizontal earthquake force for PSC Pier/Pier cap/Portal beam/Superstructure. Force demand shall be considered for SLS combination also, and the same shall be considered as 0.67*ULS force demand	Kindly confirm whether foundation design need to be done as per this clause, since IRS seismic code there is no such requirement	Refer Addendum-1.
320	General				Kindly confirm the use of monopile foundation at possible locations.	No change in Tender conditions.
321	General			Drainage pipe location	Kindly confirm that the drainage pipe shall be placed outside pier for ease of future maintenance.	No change in Tender conditions.
322	NIT Page no 2	1.1.2	Key Details	Tender submission end date: 12.06.2026 (15:00 hrs).	Considering this is a Part design and build contract of high value, we request the employer to extend the bid submission deadline by at least 4 weeks to allow submission of comprehensive and competitive bid.	No change in Tender conditions.
323	ODS Page no 17	6.14	VEHICLE COLLISION LOAD (VCL)	Design for vehicle collision load	Load combination-6 (accidental impact from vehicle) of IRS CBC is provided for SLS, ULS with additional note-5 (As this is interim, to be confirm by PCE). Though the provision of the amended table-12 indicates that SLS check is to be performed in accidental situation. But in line with the various national and international codes (Such as IRC 6 code, Eurocode, AASHTO code .etc. SLS check under accidental load combination is never performed. Also clause 2.16.1 mandate to ensure that the bridge span does not collapse under these forces. Hence kindly confirm that SLS design is not required under load combination-6 of IRS CBC.	No change in Tender conditions.
324	ODS Page no 20	7.1 Note 6	LOAD COMBINATIONS	Load combination in seismic	Kindly modify the load combinations corresponding GII (EQ) as per Cl-7.2 of IRS seismic code.	Refer Addendum-1.
325	ODS Page no 26	12.4.1 d	Pile Foundation	Thickness pilecap	Kindly confirm that pilecap thickness needs not be 1.5 times pile diameter. As latest edition of IRC78 doesn't mandate it.	Minimum pilecap thickness is to be 1.5 times of pile diameter.
326	ODS Page no 26	12.3 (b)	SUBSTRUCTURE SYSTEM	Ductile detailing	We recommend that the ductile detailing requirement shall be based on seismic zone and as per IRS seismic code cl.-5.3,17.1	No change in Tender conditions.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
327	General				Kindly provide the google earth file comprising the project alignment and its attributes for better understanding.	Refer Addendum-2.
328	General				Kindly provide the Auto CAD files of tender drawings.	Refer Addendum-2.
329	Tender Drawing				The contractor requests Engineer to provide the cross-section drawings, bed levels, HFL and lining details of the Canal/Nallah at Ch. 11+640m.	Bed level - 193.56 m. HFL level - 196.80 m. Further, refer Clause A7 of ITT and Clause 4.9 of GCC. The design of Viaduct is in the scope of work and therefore, the necessary interface for approval of Viaduct from Irrigation Department shall be in the scope of work. Refer Addendum-2.
330	Tender Drawing				Kindly provide the available Right of Way (ROW) details along the proposed alignment, including any corridor width restrictions, encumbrances, and location-specific constraints that may influence the design and construction of the proposed works.	No change in Tender conditions.
331	ODS page no 5	5.5	DESIGN GROUND WATER TABLE	The Ground water table (Base value) shall be considered as maximum (in terms of RL) of Ground water table data published by (a) Central Ground water board (CGWB), (b) Ground water table reported in Geotechnical report provided by RMRC in tender documents, (c) Ground water table reported in Geotechnical report provided by Design & Build contractor.	Kindly provide the groundwater table data available from the Central Ground Water Board (CGWB) for the project area, including seasonal variations and historical groundwater level records to facilitate geotechnical design and construction planning.	No change in Tender conditions.
332	ER construction Page no 68 & ODS page no 5	16 & 5.7	soil investigation & SOIL PARAMETERS	The soil investigation report included in the tender document is for reference purpose only. & The borehole, which provide lesser vertical & Horizontal capacity of pile or lesser SBC in case of open/Well foundation, shall be referred in design among 1 & 2 as referred below. For Pile foundation, in case one bore hole provides lesser Horizontal capacity and other provides lesser vertical capacity then lesser values of horizontal & vertical capacity obtained from two boreholes shall be referred. 1) As per soil investigation report in the tender document. 2) As per soil investigation done by contractor.	As per Clause 14.1 Purpose and Scope of Volume-4 (ODS), "the Contractor is responsible for determining the geology and geotechnical parameters of subsurface strata for design purposes." Further, it is mentioned as "Geotechnical Investigation Reports provided by the Employer is for information only, without warranty of accuracy or reliability, and must be supplemented by additional investigations or boreholes as required by the Contractor". Both the clause of the contract is contradictory, that the Geotechnical Investigation Reports provided by the Employer are described as information only, while the same reports are also required to be referred to for estimating the vertical and horizontal capacities of piles during the detailed design stage. Kindly clarify this requirement. The Contractor further requests confirmation from the Employer that, since detailed geotechnical investigations will be carried out by the Contractor at each pier location during the detailed design stage, the borehole data obtained from such investigations only be adopted as the governing geotechnical data for the foundation design.	No change in Tender conditions.
333	ODS Page no 5	5.7	SOIL PARAMETERS	The borehole, which provide lesser vertical & Horizontal capacity of pile or lesser SBC in case of open/Well foundation, shall be referred in design among 1 & 2 as referred below. For Pile foundation, in case one bore hole provides lesser Horizontal capacity and other provides lesser vertical capacity then lesser values of horizontal & vertical capacity obtained from two boreholes shall be referred. 1) As per soil investigation report in the tender document. 2) As per soil investigation done by contractor.	In the case geotechnical investigation provided by Employer in tender stage to be used for design of foundation, kindly provide hammer efficiency for all the rigs deployed for the geotechnical investigations.	Refer Volume - 7 of the tender.
334	ODS page no 5 & 27	5.6 & 12.4.1 (p)	LIQUEFACTION & Pile Foundation	The factor of safety shall be more than 1.2 to ascertain that the strata is not liquefiable. While calculating Vertical capacity in Seismic case, for soil exhibiting a factor of safety against liquefaction up to 1.4, the soil's angle of internal friction "ϕ" and cohesion of soil "c" shall be ignored.	As per Annexure F of IS 1893 (Part 1): 2016, the recommended acceptance criterion for assessment of non-liquefiable soils is a Factor of Safety greater than 1.0. Contractor believes that the specified FOS = 1.2 in Bid document is more stringent and conservative than the acceptance criterion provided in IS 1893 standard. In Cl. 12.4.1 (p) of ODS, it is mentioned that the soils with FOS up to 1.4 shall be ignored in vertical capacity calculations. However, it is contradicted with Cl 5.6 of ODS, as the factor of safety of 1.2 for the liquefaction potential. Contractor requests the Employer for relaxation to follow IS 1893 (Part 1): 2016, adopting a minimum Factor of Safety greater than 1.0 for classification of non-liquefiable soils, and considering the soil parameters in calculating vertical capacity in seismic case.	Refer Addendum-1.
335	ODS page no 27	12.4.1 (i)	Pile Foundation	Result of sub-structure investigation will be used for adopting the value of angle of internal friction "ϕ" and cohesion of soil "c" as per clause 5.7 of the DBR.	Contractor understands that the results of sub-structure investigations and laboratory test results shall be used for adopting the angle of internal friction ("ϕ") and cohesion ("c") values. However, obtaining undisturbed soil (UDS) samples and conducting laboratory testing may not be feasible at all locations/depths. In such cases, established empirical correlations are generally adopted based on field test results (such as SPT) for deriving soil parameters. Contractor requests confirmation from the Employer that established correlations and engineering judgment may be adopted, wherever collection of undisturbed samples and laboratory testing are not practicable.	No change in Tender conditions.
336	ODS page no 27	12.4.1 (b)	Pile Foundation	Minimum 1.0m diameter (unless specified otherwise in tender drawing) bored cast-in-situ vertical piles in soil/rock have been contemplated for the foundation of piers.	Contractor assumes that this is applicable for the main line foundations. What are the criteria for exit/ entry and FOB structure foundations?	Yes, ODS is applicable for Viaduct only. Further, the design of station including FOB, Entry/Exit is not part of scope of work.
337	Er Functional Page no 16	2.1 (xiii)	LUMPSUM SCOPE OF WORK	All viaduct foundation shall be on piles of minimum 1000 mm dia. with or without permanent liners as per site requirements except at locations met with hard/rocky strata with adequate bearing capacity in which open / raft foundation may be provided duly anchored in rock. All piles shall be bored by hydraulic rotary rig only.	Please provide the criteria for "hard/ rocky strata" to adopt open/ raft foundations.	No change in Tender conditions.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
338	ODS page no 27	12.4.1 (l)	Pile Foundation	Co-efficient of earth pressure "K" shall be taken as 1.0.	As per IS 2911 Part 1 Sec 2 (2010), the K value can be in the range of 1 to 1.5 for friction angle of 30 to 40 degrees. Kindly clarify regarding the consideration of same for design of pile foundation.	No change in Tender conditions.
339	ODS page no 27	12.4.1 (l)	Pile Foundation	Maximum overburden pressure at bottom of pile for calculation of shaft resistance and bearing resistance shall be limited to 15 times the diameter of the pile. The maximum depth shall be considered from existing ground level.	As per IS 2911 Part 1 Sec 2 (2010), the maximum overburden value can be taken in the depth range of 15 to 20 times diameter for friction angle of 30 to 40 degrees from the pile top level. Kindly clarify which criteria should be adapted for the design of pile foundations.	No change in Tender conditions.
340	OCS page no 149	8.1.4 (ii)(c)	Cast In-Situ Bored Piles:	Polymer Slurry as approved by Engineer-in-Charge shall only be used. Use of bentonite slurry is strictly prohibited	As per the referred clause, Contractor understands that the use of bentonite is prohibited in permanent pile construction. Wherein for geophysical investigations like Cross hole / downhole seismic test, the code recommends use of bentonite. Kindly clarify whether bentonite can be allowed for geophysical investigation purposes in this project.	No change in Tender conditions.
341	OCS page no 150	8.1.7	Testing of Piles		Kindly, clarify whether Bi-directional load test can be employed for Initial pile load test for the project as per IRC 78:2014.	No change in Tender conditions.
342	OCS page no 150	8.1.7 (ii)	Testing of Piles	At every one Kilometer of viaduct initial load test both vertical and horizontal, shall be performed by the contractor for each type of pile, also one initial load test both vertical and horizontal per station shall be performed by the contractor for each type of pile.	The Contractor requests the Employer for the relaxation in the requirement of conducting one set of initial load tests (vertical and horizontal) for every one-kilometer stretch, including both viaduct and station areas, in cases where uniform subsurface strata are encountered and the same pile type, and founding criteria are being adopted throughout the respective stretch.	No change in Tender conditions.
343	OCS page no 150	8.1.7	Testing of Piles	The Dynamic Integrity test using pile driving analyser or approved equivalent for pile integrity shall be performed on all the piles. The top of the pile shall be made accessible, chipped off up to hard concrete, levelled by trimming it back as far as practicable. The reinforcing bars of the piles tested shall be bent sideways. The test shall be performed after removal of bad/ weak concrete at top so that the wave propagation is steady through hard concrete. The test shall be carried out at minimum 3 locations on each pile in such a way that the entire cross section of the pile is evenly covered. The test shall be conducted with a minimum age of concrete of 15 days. A specialist approved agency shall be employed for the test and the tests shall generally be as per recommendations of the agency unless directed by the Engineer. A complete report indicating the graphical display of wave propagation under each flow shall be submitted along with interpretation of results showing discontinuities, cross sectional changes or material changes if any are to be co-related with Site data.	The specification refers to "Dynamic Integrity Test using Pile Driving Analyzer (PDA) or approved equivalent," whereas the described testing methodology appears to correspond to Low Strain Integrity Testing (LSIT/PIT). In this regard, kindly clarify whether the required test is: Low Strain Integrity Test or High Strain Dynamic Integrity / PDA Test. Further, if High Strain Dynamic testing is intended, kindly confirm: percentage/number of piles to be tested, Please clarify the intended testing methodology and applicable standard for compliance.	No change in Tender conditions.
344	OCS page no 175	8.3.4.3(i)	Construction	Excavation for open foundations shall be carried out in accordance with Section 300 of MORTH Specifications	As per clause 13, Codal Preference of ODS, MORTH standard is not indicated in preferred codes. But for the open foundation part the MORTH standard is referred in Clause 8.3.4.3 of Volume 4. Which is contradicting, kindly clarify.	No change in Tender conditions.
345	General				Kindly provide the hydrological study/report, including the design flood levels, High Flood Levels (HFL), flood return period criteria, and any other relevant hydrological data for any water bodies/Nallas falling within or adjacent to the project corridor, to facilitate the design of associated structures and foundations.	Refer Clause A7 of ITT and Clause 4.9 of GCC.
346	OCS page no 174	8.3	SHALLOW FOUNDATIONS		Kindly clarify whether ground improvement measures may be adopted during the execution stage to facilitate the use of shallow foundations, subject to meeting the design and performance requirements.	No change in Tender conditions.
347	Tender Drawing				Kindly provide the recommended foundation system for FOB, Entry and Exit structures. In the absence of a specified foundation type, please clarify whether the foundation design shall be developed by the Contractor based on the available geotechnical data and design requirements.	The design of Foundation of FOB, Entry/Exit structure is not in the scope of work.
348	ODS page no 28	122.4.2	Soil Structure Analysis	The design forces in the pile, shall be evaluated either by using empirical formulae given in IS: 2911 (Part-1/ section-2) or by soil structure interaction analysis using Winkler's Spring model in case of all load cases other than seismic case and using soil structure interaction as per clause 9 of IS 1893 (Part 1) for seismic case.	Clause no 9 of IS 1893 (Part I), mentioned in contract clause 12.4.2 for the seismic case soil structure interaction is not available in suggested IS code. Kindly clarify.	Refer Addendum-1.
349	ODS Page no 5	5.7	SOIL PARAMETERS	The borehole, which provide lesser vertical & Horizontal capacity of pile or lesser SBC in case of open/Well foundation, shall be referred in design among 1 & 2 as referred below. For Pile foundation, in case one bore hole provides lesser Horizontal capacity and other provides lesser vertical capacity then lesser values of horizontal & vertical capacity obtained from two boreholes shall be referred. 1) As per soil investigation report in the tender document. 2) As per soil investigation done by contractor.	If the Employer-provided geotechnical investigation data is to be used for foundation design, kindly clarify whether additional boreholes may be exempted at pier locations where tender-stage boreholes already exist. Please confirm whether the existing borehole data can be considered sufficient for design purposes at such locations.	No change in Tender conditions.
350	GCC page no 24	4.6	Assignment of contractor's and sub contractor's obligations	If a Sub-contractor's obligations extend beyond the expiry date of Defects Liability Period then the Contractor shall assign the benefits of such obligations to the Employer.	We seek that any such assignment or transfer shall not affect the rights or claims of the contractor which have accrued prior to such transfer.	No change in Tender conditions.
351	GCC page no 25	4.9	Site Data	iii. The Contractor shall also be deemed to have inspected and examined the Site, its surroundings, the above data and other available information including with respect to the viability of his design and execution of Works and to have satisfied himself before submitting the Tender, as to all the relevant matters including without limitation:	We seek that if any site or local conditions was not reasonably foreseeable/examinable/practicable for consideration by an experienced contractor before bid submission (taking account of cost of examination and time for bidding), then the Contractor shall be entitled to due extension of time and costs arising out of such conditions	No change in Tender conditions.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
352	GCC page no 28	4.19	Tools, Plants and Equipment Supplied by the Employer	The decision of the Engineer as to the amount recoverable from the Contractor on this account shall be final and binding.	We seek that the decision of the engineer shall not be final and binding.	No change in Tender conditions.
353	GCC page no 29	4.23	Unforeseeable Physical Conditions	The decision of the Engineer as to the additional cost shall be final and binding.	We seek that the decision of the engineer shall not be final and binding.	No change in Tender conditions.
354	GCC page no 37	5.8	Intellectual Property Rights and Royalties	notice, the Employer shall be at full liberty to deduct any such amount of pending claim from any amount due to the Contractor under this Contract or any other Contract.	We seek deletion of "any other contract"	No change in Tender conditions.
355	GCC page no 36	5.8	Intellectual Property Rights and Royalties	5.8 Intellectual Property Rights and Royalties	We seek that the Contractor shall be indemnified by the Employer against any claims, losses, damages, liabilities, or expenses arising out of or in connection with any infringement of intellectual property rights in respect of the documents, materials, or information provided/shared by the Employer	No change in Tender conditions.
356	GCC page no 44	7.10.2	Cost of uncovering the work already covered up	The decision of Employer in this regards shall be final and binding on the contractor	We seek that the decision of the engineer shall not be final and binding.	No change in Tender conditions.
357	GCC page no 46	8.4.1	EOT	d. Acts or omissions of othe Designated Contractors in executing work not forming part of contract and on whoes performance, the performance of the contractor necessarly depends.	We seek deletion of "not forming part of this contract"	No change in Tender conditions.
358	GCC page no 48	8.5	Liquidated Damages	Liquidated Damages have been levied on the Contractor. The Liquidated Damages may be recovered from any amount of money due from the Contractor under the Contract or any other Contract which the Contractor has with the Employer. The Liquidated Damages may also be	We seek deletion of "any other contract"	No change in Tender conditions.
359	GCC page no 48	8.5	Liquidated Damages	The decision of the Engineer as to the Liquidated Damages payable by the Contractor under this Clause shall be final and binding.	We seek that the decision of the engineer shall not be final and binding	No change in Tender conditions.
360	GCC page no 57	11.5	Issue of IPC	The Engineer shall have the power to omit from any of the Contractor's requests for payment, the value of any Work executed or Materials supplied or Services rendered, with which he may for the time being be dissatisfied and for that purpose and for any other reason which to him may seem proper, may delete, correct or modify the sum(s) previously certified by him as being due to the Contractor.	We seek deletion of this clause	No change in Tender conditions.
361	GCC page no 60	11.17	With holding and lien for sums claimed	i. And further, unless the Contractor pays and clears immediately on demand any claim of the Employer, the Employer shall at all times be entitled to deduct the amount of the said claim from the moneys, securities and / or deposits which may have become or will become payable to the Contractor under the presents, or under any other Contract or transaction whatsoever between the Employer and the Contractor even if the matter stands referred to Arbitration. The Contractor shall have no claim for any interest or damage whatsoever in respect of any amounts withheld or treated as withheld under the lien referred to above and duly notified as such to the Contractor.	We seek deletion of this clause.	No change in Tender conditions.
362	GCC page no 61	11.2	Recovery of money due to the employer	(including, without limitation, Liquidated Damages) and the Employer shall have the power to recover any balance not so deducted from monies due to the Contractor under any other Contract between the Employer and the Contractor.	We seek deletion of the extracted portion.	No change in Tender conditions.
363	GCC page no 61	12.2.1	variations	The decision of Employer in this regards shall be final and binding.	We seek that the decision of the engineer shall not be final and binding	No change in Tender conditions.
364	GCC page no 65	13.2.1	Conditions leading to termination of contract	i. fails to take steps to employ competent and/or additional staff and labour, or j. fails to afford the Engineer or his Representative proper facilities for inspecting the Works or any part thereof, or	We seek deletion of this clause.	No change in Tender conditions.
365	GCC page no 67	13.3.1	Default by Employer	The Employer decision on the certified amount payble on this account shall be final and binding.	We seek that the decision of the engineer shall not be final and binding	No change in Tender conditions.
366	GCC page no 68	14.1	Risk & Responsibility	The Contractor shall indemnify and hold harmless the Employer, the Enginoor, the Designated Contractors, Representatives and employees from and against all actions, suits, proceedings, claims, damages, losses, expenses and demands of every nature and description, by reasons of any act or omissions of the Contractor, his Representative or his employees in the execution of the Works, including professional services provided by the Contractor or in the guarding the same.	We seek modification of the clause as "The contractor shall indemnify and hold harmless the Employer against all third party actions, suits, proceedings, claims, damages, losses, expenses and demands of every nature and description, by reasons of any act or omission of the contractor, his representatives, his employees in the execution of the works.	No change in Tender conditions.
367	GCC page no 69	14.1	Indemnity	loss of, or damage to, or destruction of any property (other than the Works) including consequential loss of use; and	We seek deletion of the following "(other than the works) including consequential loss of use"	No change in Tender conditions.
368	GCC page no 69	14.1	Indemnity	or not any damage shall have been sustained. The decision of the Engineer as to compensation claimed shall be final and binding.	We seek that the decision of the engineer shall not be final and binding	No change in Tender conditions.
369	GCC page no 70	14.6	Limitation of liability	Contract. The total liability of the Contractor to the Employer under the Contract shall not exceed the Contract Price. Except that this Sub-clause shall not limit the liability of the Contractor: a. under Sub-clauses 4.18, 4.19, 5.7, 8.6, and Clauses 7.10 and 7.11 b. under any other provisions of the Contract which expressly impose a greater liability, c. in cases of fraud, wilful misconduct or illegal or unlawful acts, or d. in cases of acts or omissions of the Contractor which are contrary to the most elementary rules of diligence which a conscientious Contractor would have followed in similar circumstances.	We seek deletion of the following "a. under subclauses 4.18, 4.19, 5.7, 8.6 and clauses 7.10 and 7.11 b. under any other provisions of the contract which expressly impose a greater liability c. in cases of acts or omission of the contractor……in similar circumstances"	No change in Tender conditions.
370	GCC page no 73	16.1	Definition of Force majeure	Definition of Force majeure	We seek inclusion of "Epidemic and pandemic" as force majeure event.	No change in Tender conditions.
371	GCC page no 73	16.6	Resumption of work	In case of doubt or dispute, whether a particular occurence should be considered an 'event' as defined under this Clause, the decision of the Engineer shall be final and binding.	We seek that the decision of the engineer shall not be final and binding	No change in Tender conditions.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
372	GCC page no 75	17.6 & 17.7	Conciliation	The Conciliation shall be undertaken by one Conciliator selected from a panel of Conciliators maintained by the Employer. The Conciliator shall assist the Parties to reach an amicable settlement in an independent and Impartial manner. Conciliation Procedure The Employer shall maintain a panel of Conciliators, who shall be from serving or retired Engineers of Government Departments, or of Public Sector Undertakings. Out of this panel, a list of three Concillators shall be sont to the Contractor who shell choose one of them to col as Conciliator and conduct Conciliation pincrerdings in accordance with "The Arbitration and Conciliation Act, 1996 of India & amended by the Arbitration & Conciliation (Amendment) Act, 2019 and any statutory modification or re-enactment thereof. There will be no objection if Conciliator so nominated is a serving employee of NMRC who would be Deputy HOD level officer and above. The Employer and the Contractor shall in good faith co-operate with the	We seek that the parties shall appoint the conciliators without any reference to the panel maintained by the Employer	No change in Tender conditions.
373	GCC page no 76	17.9(a)	Arbitration	a. Only such dispute(s) or difference(s) in respect of which notice has been made under Clause 17.1 but could not be settled through Conciliation, together with counter claims or set off, liven by the Employer, shall be referred to Arbitration. Other matters' shall not be Included in the reference.	We seek that any dispute between the parties shall be referred to arbitration.	No change in Tender conditions.
374	GCC page no 77	17.9.2	Arbitration	Number of Arbitrators:	We seek that all matters be referred only to a 3 member Arbitration tribunal whose appointment be made without reference to any panel maintained by the employer.	No change in Tender conditions.
375	GCC page no 77	17.9.2	Arbitration	Procedure for Appointment of Arbitrators:	We seek that each party be allowed to appoint their arbitrator without reference to any panel maintained by the Employer and the presiding arbitrator also be appointed without reference to any panel maintained by the Employer.	No change in Tender conditions.
376	GCC page no 78	17.9.3	Arbitration	Qualification and Experience of Arbitrators (to be appointed as per Sub-clause 17.9.2 above): The Arbitrators to be appointed shall have minimum qualification and experience as under:	We seek that the qualification of the arbitrator shall be as per the arbitration and conciliation act	No change in Tender conditions.
377	GCC page no 78	17.9.4	Arbitration	No new claim shall be added during proceedings by either Party. However, a Party may amend or supplement the original claim or defence thereof during the course of Arbitration proceedings subject to acceptance by Tribunal including having due regard to the delay in making it.	We seek deletion of this clause and the arbitral tribunal shall decide on the same.	No change in Tender conditions.
378	GCC page no 78	17.9.7	Arbitration	If the Contractor(s) does/do not prefer his/their specific and final claims in writing, within a period of 90 days of receiving the intimation from the Employer/Engineer that the final bill is ready for signature of the Contractor(s), he/they will be deemed to have waived his/their claim(s) and the Employer shall be discharged and released of all liabilities under the Contract in respect of these claims.	We seek deletion of this clause	No change in Tender conditions.
379	GCC page no 79	17.1	Intrest on Arbitration award	Where the Arbitral award is for the payment of money, no interest shall be payable on whole or any part of the money for any period, till the date on which the award is made.	We seek deletion of this clause	No change in Tender conditions.
380	SCC page no 19	25	Sub-Clause 17.9 Arbitration	In case of Sole Arbitration: Within 60 days from the day when a written and valid demand for arbitration is received by GM/Project NMRC on behalf of MD/NMRC, the Employer will forward a panel of 03 names to the Contractor. Sub-Clause 17.9.2(ii)(a) Within 60 days from the day when a written and valid demand for arbitration is received by GM/Project-NMRC on behalf of MD/NMRC, the Employer will forward a panel of 05 names to the Contractor.	We seek that the Arbitration shall be as per Arbitration and conciliation act 1996. There shall be three arbitrators. The arbitrators shall be appointed without reference to any panel maintained by the Employer. Each party shall appoint one arbitrator and the appointed two arbitrators shall nominate the presiding (third) arbitrator. In case of failure to appoint the arbitrator, the arbitrators shall be appointed as per the Arbitration and Conciliation Act 1996.	No change in Tender conditions.
381	GCC page no 79	17.12	Jurisdiction of courts	Jurisdiction of courts	...the appropriate court at Allahabad shall have the exclusive jurisdiction	No change in Tender conditions.
382	SCC page no 25	SCHEDULE 2	FORM OF CONTRACT AGREEMENT	JURISDICTION OF COURT The Courts at UP/NOIDA shall have the exclusive jurisdiction to try all disputes arising out of this agreement between the parties	We seek that all dispute shall be referred to Arbitration as per Arbitration and conciliation act 1996. There shall be three arbitrators. The arbitrators shall be appointed without reference to any panel maintained by the Employer. Each party shall appoint one arbitrator and the appointed two arbitrators shall nominate the presiding (third) arbitrator. In case of failure to appoint the arbitrator, the arbitrators shall be appointed as per the Arbitration and conciliation act 1996. The seat of arbitration shall be at Allahabad. Subject to the foregoing the courts in Allahabad shall have exclusive jurisdiction.	No change in Tender conditions.
383	Tender Drawing			Tender Alignment drawings	Viaduct alignment at ch 3.820KM was crossing the underground subway where the foundation of viaduct(43m) is infringing with retaining wall. Kindly Confirm the span.	The design of Viaduct, including span arrangement finanlization is in the scope of work. Refer clause 2.1 (v), (vi), (viii) & (ix) of Employer's Requirements - Functional.
384	Tender Drawing			Tender Alignment drawings	Viaduct alignment at Ch 7.92KM is crossing the existing flyover where the pile foundation is falling on the deck area. Kindly confirm the span and superstructure type. Whether the increase in span, Superstructure type if any will be considered as a variation ?	The design of Viaduct, including span arrangement finanlization is in the scope of work. Refer clause 2.1 (v), (vi), (viii) & (ix) of Employer's Requirements - Functional. Further, no change in tender condition.
385	Tender Drawing			Tender Alignment drawings	Viaduct upline alignment at Ch.11.82KM is crossing existing metro alignment where the crossing length is inadequate. Kindly confirm the span and superstructure type.	The design of Viaduct, including span arrangement finanlization is in the scope of work. Refer clause 2.1 (v), (vi), (viii) & (ix) of Employer's Requirements - Functional.
386	Tender Drawing			Tender drawings	Whether the pier size can be reduced from 1.8m dia for single track structures ?	No change in Tender conditions.
387	ER Functional Page no 20	2.1 A3	LUMPSUM SCOPE OF WORK	Contractor would however design the span configuration (only) based upon his proposal subject to obligatory requirements. Utility identification at all the foundation locations will be done by the Contractor before starting piling/excavation and in case utility(s) is encountered or obligatory requirements of Local Authorities are to be met out, the Contractor would modify the span configuration at such locations to save the utility(s) or to meet out the obligatory requirements within the accepted price.	If there is any increase in span requested by local authorities than span provided in tender drawings shall be treated as variation?	No change in Tender conditions.
388				For Live load, two configuration was provided in outline design specifications	Kindly confirm the configuration to be adopted in structural analysis.	No change in Tender conditions.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
389	Tender Drawing			Tender Alignment drawings	Please provide hydrological data for Nala located at Ch.11.6 to 11.7.	Bed level - 193.56 m. HFL level - 196.80 m. Further, refer Clause A7 of ITT and Clause 4.9 of GCC. The design of Viaduct is in the scope of work and therefore, the necessary interface for approval of Viaduct from Irrigation Department shall be in the scope of work. Refer Addendum-2.
390	ER Functional Page no 20	Note 11	LUMPSUM SCOPE OF WORK	Closer of gap between two U-girders inner webs and deck slab junctions (deck slab on I Girders/arch girders etc) by RCC/steel plates profiled to required shape, inserts, plates with welded hold fasts, insert plates with welded hold-fasts, internal threaded sleeves including HSFG bolts etc complete.	Kindly specify the chainage and material specifications to be provided.	No change in Tender conditions.
391	ER General page no 10	11.4	Construction Interface	Interface	Kindly provide the pier details and superstructure type at interface piers.	Refer Addendum-2.
9.0 M/s Dilip Buildcon Limited						
392	NIT Page no 2	1.1.2	Key Details	Tender submission start date: 05.06.2026 (09:00 hrs). Tender submission end date: 12.06.2026 (15:00 hrs).	Tender submission start date: 05.07.2026 (09:00 hrs). Tender submission end date: 12.07.2026 (15:00 hrs).	No change in Tender conditions.
393	BOQ page no 3	Schedule A	LUMPSUM SCOPE OF WORK	Validate Print Help **Wise BoQ** Tender Inviting Authority: Noida Metro Rail Corporation (NMRC) Limited Name of Work: Part Design & Construction of Elevated Viaduct and 10 nos. of Elevated Stations for Extension Projects of NMRC's Aqua Line from Botanical Garden to Noida Sec-142 (from Chainage (+) 383.959 to 12130.143) and from Depot Station to Boraki MMTH (Chainage 28670.253 to 31283.482). Contract No: NMRC/Projects/NGNECC/2026/457 Name of the Bidder/ Bidding Firm / Company : PRICE SCHEDULE (DOMESTIC TENDERS - RATES ARE TO GIVEN IN RUPEES (INR) ONLY) (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)	Please provide the cost of Schedule-A	No change in Tender conditions.

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE in Figures To be entered by the Bidder (Including Tax) in Rs. P	TOTAL AMOUNT With Taxes Rs. P	TOTAL AMOUNT In Words
1	2	4	5	7	14	15
1	Schedule A - Price of LumpSum Portion	1.00	Lumsum		0.00	INR Zero Only
Total in Figures					0.00	INR Zero Only
Quoted Rate in Words				INR Zero Only		

394	BOQ page no 4	Schudle B-4	Utilitiy diversion	Validate Print Help **Item Wise BoQ** Tender Inviting Authority: Noida Metro Rail Corporation (NMRC) Limited Name of Work: Part Design & Construction of Elevated Viaduct and 10 nos. of Elevated Stations for Extension Projects of NMRC's Aqua Line from Botanical Garden to Noida Sec-142 (from Chainage (+) 383.959 to 12130.143) and from Depot Station to Boraki MMTH (Chainage 28670.253 to 31283.482). Contract No: NMRC/Projects/NGNECC/2026/457 Name of the Bidder/ Bidding Firm / Company : PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)	We request the NMRC that Either the quantities for Schedule B4 be provided to enable bidders to assess and price the schedule appropriately, or bidders be permitted to quote "AT PAR" against this schedule in order to ensure fairness, transparency, and enhanced competitiveness .	No change in Tender conditions.

NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Estimated Rate In Rs. P	Above/Below/at Par	Quoted Percentage (%)	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	2	6	9	13	54	55
1	Schedule B					
1.1	B1 - Civil Works (NDSR)	3,17,91,10,951.29	Select		3179110951.29	INR Three Hundred Seventeen Crore Ninety One Lakh Ten Thousand Nine Hundred & Fifty One and Paise Twenty Nine Only
1.2	B2 - Architectural & PEB Works (NDSR)	90,10,91,700.76	Select		901091700.76	INR Ninety Crore Ten Lakh Ninety One Thousand Seven Hundred and Paise Seventy Six Only
1.3	B3 - Plumbing Works (NDSR)	4,18,30,891.57	Select		41830891.57	INR Four Crore Eighteen Lakh Thirty Thousand Eight Hundred & Eighty One and Paise Fifty Seven Only
1.4	B4 - Diversion of Utilities (NDSR)	10,52,59,948.52	Select		105259948.52	INR Ten Crore Fifty Two Lakh Fifty Five Thousand Nine Hundred & Forty Eight and Paise Fifty Two Only

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
395	BOQ page no 4	Schudle B& C		Validate Print Help **Item Wise BoQ** Tender Inviting Authority: Noida Metro Rail Corporation (NMRC) Limited Name of Work: Part Design & Construction of Elevated Viaduct and 10 nos. of Elevated Stations for Extension Projects of NMRC's Aqua Line from Botanical Garden to Noida Sec-142 (from Chainage (-) 383.959 to 12130.143) and from Depot Station to Borak/ MMTH (Chainage 28678.253 to 31283.482). Contract No: NMRC/Projects/NGNSEC/CS/26/437 Name of the Bidder/ Bidding Firm / Company: **PRICE SCHEDULE** (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)	It has been observed that in the attached Bill of Quantities (BOQ), the total of sub schedules (B1, B2, B3) appears to be incorrect. In this regard, you are requested to kindly review and correct the total of sub-schedules in the BOQ and issue a revised BOQ.	Refer Addendum-1.

NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Estimated Rate in Rs. P	Above/Below/at Par	Quoted Percentage (%)	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	2	6	9	13	54	55
1	**Schedule B**					
1.1	B1 - Civil Works (NDSR)	3,17,91,10,951.29	Select		3179110951.29	INR Three Hundred Seventeen Crore Ninety One Lakh Ten Thousand Nine Hundred & Fifty One and Paise Twenty Nine Only
1.2	B2 - Architectural & PEB Works (NDSR)	90,10,91,700.76	Select		9010917007.76	INR Ninety Crore Ten Lakh Ninety One Thousand Seven Hundred and Paise Seventy Six Only
1.3	B3 - Plumbing Works (NDSR)	4,18,30,861.57	Select		41830861.57	INR Four Crore Eighteen Lakh Thirty Thousand Eight Hundred & Eighty One and Paise Fifty Seven Only
1.4	B4 - Diversion of Utilities (NDSR)	10,52,55,945.52	Select		105255945.52	INR Ten Crore Fifty Two Lakh Fifty Five Thousand Nine Hundred & Forty Eight and Paise Fifty Two Only
2	**Schedule C**					
2.1	C1 - Civil DSR	58,66,90,132.55	Select		586690132.55	INR Fifty Eight Crore Eighty Six Lakh Ninety Thousand One Hundred & Thirty Two and Paise Fifty Eight Only
2.2	C2 - Horticulture DSR	93,39,775.00	Select		9339775.00	INR Ninety Three Lakh Thirty Nine Thousand Seven Hundred & Seventy Five Only
2.3	C3 - E&M DSR	2,00,00,000.00	Select		20000000.00	INR Two Crore Only
Total In Figures					41220333533.62	INR Four Hundred Twelve Crore Twenty Lakh Thirty Three Thousand Five Hundred & Thirty Three and Paise Sixty Two Only
Quoted Rate In Words		INR Four Hundred Twelve Crore Twenty Lakh Thirty Three Thousand Five Hundred & Thirty Three and Paise Sixty Two Only				

396	General			General	As per the tender document, shifting of the EHV line is not included in the utility scope. However, during site inspection at Ch. 3410 approx., around 7–8 EHV Tower are observed to be falling within the proposed alignment. Kindly clarify the proposed methodology/scope for handling the affected EHV line and confirm whether shifting/protection of the same shall be carried out by the department/concerned agency or is to be considered in the bidder's scope.	The design of Viaduct, including span arrangement finanlization and interface with the utility owning agencies is in the scope of work as per Clause 2.1 (iii), point 8 of Notes of Clause 2.1, Clause 2.1.A.1, 2.1.A.3 & 2.1.A.7 of Employer's Requirements - Functional. Further, shifting of Concerned EHV Towers & HT line, if required, is not in the scope of work.
397	BOQ Page no 100	Schedule -C3	E&M	General	Please provide the detailed BOQ with item-wise quantities for C3 Schedule E&M for proper price evaluation. If quantities are not applicable for this schedule, kindly confirm whether bidders are required to quote strictly at "At Par" only for uniform evaluation.	The lumpsum provision considered in Schedule C3 is for petty E&M works which are not part of Schedule A & B. No change in tender conditions.
398	ER Functional Page no 28	2.8	CONSTRUCTION / CASTING YARD & DUMPING AREA	CONSTRUCTION / CASTING YARD & DUMPING AREA For casting yard, batching plant and other activities a plot of land of approx. 60,000 Sq. m. (approx..) will be made available by NMRC on as is where is basis within 45 Km from the work site free of cost as the precast member of viaduct and stations are large in number.	In this regard, kindly provide the exact/ tentative location or options, coordinates or site details of the proposed land for the construction/casting yard and dumping area.	No change in Tender conditions.
399	General			General	In most of the drawings it is mentioned paid concourse and unpaid concourse, please clarify the items under concourse are payable in schedule-B.	Refer Addendum-2.
400	General			General	Please share the type of girders and their span length for station area viaduct.	Refer Addendum-2.
10.0 M/s Ranjit Buildcon Limited						
401	ITT page no 34	C10	Payment Schedule:	The clause states that, Payment Schedule: The payment for items given in Bill of Quantity (Volume 6) shall be made on the basis of actually executed quantities.	We request the Employer to provide the detailed payment cycle for better understanding of the cashflow.	Refer clause 11 of GCC.
402	NIT Page no 2	1.1.2	Key Details	The sub-clause states that, Key Details Tender submission end date: 12.06.2026 (15:00 hrs).	We request the Employer to consider an extension of 4 weeks in the bid submission due date considering the size & complexity of the package.	No change in Tender conditions.
403	SCC page no 20	11.2.1 & 11.2.2	Advances	The sub-clause states that, Advances The Advances against Mobilisation and Plant & Machinery shall be interest bearing. The Rate of Interest shall be charged at "RBI Bank Rate + 2% (Two Percent) simple interest. Interest will be chargeable and calculated on reducing balance method. The recovery of interest shall be same as the recovery of advances as mentioned in GCC Clause 11.2.4.	We request the Employer to waive off the interest rates against Mobilisation and Plant & Machinery to boost the cashflow of the contractor.	No change in Tender conditions.
404	ER Functional Page no 28	2.8	Construction/Casting Yard & Dumping Area	The clause states that, Construction/Casting Yard & Dumping Area For casting yard, batching plant and other activities a plot of land of approx. 60,000 Sq. m. (approx..) will be made available by NMRC on as is where is basis within 45 Km from the work site free of cost ..... C&D Waste generated from construction depot, viaduct, station during construction to be transported to NMRC/any other processing plant only within 45 km lead from the site and cost of the same is also included in lump sum cost of schedule A."	We request the Employer to provide the land for casting yard, batching plant and other activities with a lead within 10 kms. from the site for the contractor to avoid additional time consumed during intrasite shifting of materials.	No change in Tender conditions.

<table>
<tr><th>S.No</th><th>Section</th><th>Clause No.</th><th>Name of the Clause</th><th>Description of Clause</th><th>Bidder’s Query</th><th>NMRC Reply</th></tr>
<tr><td>405</td><td>ODS page no 5</td><td>6.1.1</td><td>Super imposed dead load (SIDL)</td><td><table><tr><th>S.No.</th><th>Element</th><th>Unfactored Load</th></tr><tr><td>1</td><td>Parapet/Railing</td><td>*</td></tr><tr><td>2</td><td>Plinth</td><td>3.40 t/m</td></tr><tr><td>3</td><td>Rail+Pads (All 4)</td><td>0.30 t/m</td></tr><tr><td>4</td><td>Cables</td><td>0.07 t/m</td></tr><tr><td>5</td><td>Cable trays#</td><td>0.01 t/m</td></tr><tr><td>6</td><td>Deck drainage concrete (Avg. thk. 62.5mm)</td><td>0.24 t/m</td></tr><tr><td>7</td><td>Miscll. (OHE Mast, Signaling , etc.)</td><td>0.40 t/m</td></tr><tr><td>8</td><td>Solar Panel (wherever applicable)</td><td>30kg/sqm</td></tr><tr><td>9</td><td>Noise Barrier (wherever applicable)</td><td>0.2 t/m</td></tr><tr><td>10</td><td>PTM Pipe Line</td><td>0.06t/m</td></tr></table></td><td>We request the Employer to specify the stretch where noise barrier has to be provided in viaduct as the wind force on the noise barrier will be a critical factor in design of substructure and foundation.
Also, whether the bidder shall consider the solar panel load for stations only or for viaduct stretch as well. Kindly clarify.</td><td>No change in Tender conditions.</td></tr>
<tr><td>406</td><td>ODS page no 11</td><td>6.5.3 (f)</td><td>Rail Structure Interaction (LWR Forces)</td><td>The sub-clause states that,
<u>Rail Structure Interaction (LWR Forces)</u>
Minimum (unfactored) LWR force of 1.6t/m of span length shall be considered for design irrespective of number of tracks.</td><td>We request the Employer to consider the LWR force as per rail structure interaction.</td><td>No change in Tender conditions.</td></tr>
<tr><td>407</td><td>ODS page no 26</td><td>12.3 (b)</td><td>Piers</td><td>The sub-clause states that,
<u>Piers</u>
The effective length of a cantilever pier.... Ductile detailing is mandatory. In this project.... in case of prestressed piers/columns.</td><td>We request the Employer to clarify that which code needs to be followed i.e. IS-13920 or IRS - Seismic code for ductile detailing.</td><td>No change in Tender conditions.</td></tr>
<tr><td>408</td><td>General</td><td></td><td></td><td></td><td>We request the Employer to clarify that whether the the type of superstructure in concourse level of station can be modified.</td><td>The design of superstructure in Concourse portion is not in the scope of work.</td></tr>
<tr><td>409</td><td>BOQ Page no 6</td><td>Schedule A</td><td></td><td>The description states that,
<u>Head V (Viaduct) -</u> ELEVATED VIADUCT,VIADUCT IN STATIONS EXCLUDING CONCOURSE PORTION, SPECIAL SPANS, ASSHOWNINGAD, TENDER DRAWING AND/ OR SPECIFIED IN THE EMPLOYER'S REQUIREMENT</td><td>We understand that viaduct in stations excluding concourse portion shall limit our scope only of U-girders at Track Level w.r.t Schedule A of BOQ. Remaining all activities shall be considered under Schedule B of BOQ.</td><td>Refer Addendum-2.</td></tr>
<tr><td>410</td><td>General</td><td></td><td></td><td></td><td>We request the Employer to provide the autocad file of the alignment & all stations for better understanding of the project.</td><td>Refer Addendum-2.</td></tr>
<tr><td>411</td><td>General</td><td></td><td></td><td></td><td>We request the Employer to provide the KMZ file of the alignment for better understanding of the project.</td><td>Refer Addendum-2.</td></tr>
<tr><td>412</td><td>General</td><td></td><td></td><td></td><td>We request the Employer to specify the maximum tier of stacking allowable for U-girder in casting yard.</td><td>No change in Tender conditions.</td></tr>
<tr><td>413</td><td>General</td><td></td><td></td><td></td><td>We request the Employer to clarify the ownership/obligation regarding the details of proposed U girder in station area (at track level). We understand that the same shall be provided by the Employer.</td><td>Refer Addendum-2.</td></tr>
<tr><td colspan="7">11.0 M/s Rail Vikas Nigam Limited</td></tr>
<tr><td>414</td><td>ER Functional Page no 16 & BOQ</td><td>2.1 &
Schedule B</td><td>LUMPSUM SCOPE OF WORK
&
BOQ for station</td><td>1. Vol_3_Emp_Req
Clause- 2.1
&
Schedule-B of Vol-6 SCOPE UNDER LUMP SUM PRICE and Schedule-B items for station works The scope of work in brief is given below but the scope includes all other requirements stipulated in various parts/volumes of the contract document including appendices and annexure thereto. Entire scope of work for Viaduct section, Viaduct in stations excluding the concourse portion, special spans, as shown in General Arrangement Drawing/ General Alignment Drawing (GAD), shall be included in Lump Sum price (Schedule A of BOQ). The detailed scope of work of viaduct & stations included in lump sum shall be as described in clause 2.1.
The Scope of work 2.1 to 2.9 including Notes 1) to 12) (applicable for viaduct & stations) & 3 to 14 unless otherwise specified shall be included in Lump sum quoted Price of contract i.e. Schedule-A of BOQ.
Referred clause from Employer’s requirement suggests that the Viaduct portion of station is also part of the Schedule-A (Lumpsum) whereas we have observed the items given for PIER/PIER CAP along with foundation/Piles are also listed in Schedule-B (BOQ).
Please clarify, if the foundation, pier and PIER Arms (at different levels) of station viaduct are part of BOQ or Lumpsum.</td><td>1. Vol_3_Emp_Req
Clause- 2.1
&
Schedule-B of Vol-6 SCOPE UNDER LUMP SUM PRICE and Schedule-B items for station works The scope of work in brief is given below but the scope includes all other requirements stipulated in various parts/volumes of the contract document including appendices and annexure thereto. Entire scope of work for Viaduct section, Viaduct in stations excluding the concourse portion, special spans, as shown in General Arrangement Drawing/ General Alignment Drawing (GAD), shall be included in Lump Sum price (Schedule A of BOQ). The detailed scope of work of viaduct & stations included in lump sum shall be as described in clause 2.1.
The Scope of work 2.1 to 2.9 including Notes 1) to 12) (applicable for viaduct & stations) & 3 to 14 unless otherwise specified shall be included in Lump sum quoted Price of contract i.e. Schedule-A of BOQ. Referred clause from Employer’s requirement suggests that the Viaduct portion of station is also part of the Schedule-A (Lumpsum) whereas we have observed the items given for PIER/PIER CAP along with foundation/Piles are also listed in Schedule-B (BOQ).
Please clarify, if the foundation, pier and PIER Arms (at different levels) of station viaduct are part of BOQ or Lumpsum.</td><td>Refer Addendum-2.</td></tr>
<tr><td>415</td><td>Tender Drawing</td><td></td><td></td><td>The alignment drawings are given in Volume-5.</td><td>2. Vol-5: Drawings Alignment The alignment drawings are given in Volume-5. It is requested to kindly provide KMZ file for the alignment for better assessment of site.</td><td>Refer Addendum-2.</td></tr>
</table>

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
416	ER Functional Page no 19	Note 3	lumpsum scope of work	3. Vol_3_Emp_Req Clause- 2.1A Note 3 VIADUCT & VIADUCT IN STATION AS SHOWN IN GENERAL DRAWING/ (GAD) It is obligatory for the contractor to provide a single pier structure in the viaduct of minimum dia 1.80 m. There is no obligatory requirement mentioned regarding Station Pier structure. Kindly clarify if, a) it is not restrictive for station Piers. b) Is pier cross section for viaduct is restricted to circular only or is rectangular pier cross section is also allowed.	3. Vol_3_Emp_Req Clause- 2.1A Note 3 VIADUCT & VIADUCT IN STATION AS SHOWN IN GENERAL DRAWING/ (GAD) It is obligatory for the contractor to provide a single pier structure in the viaduct of minimum dia 1.80 m. There is no obligatory requirement mentioned regarding Station Pier structure. Kindly clarify if, a) it is not restrictive for station Piers. b) Is pier cross section for viaduct is restricted to circular only or is rectangular pier cross section is also allowed.	No change in Tender conditions.
417	Tender Drawing			4. Vol-5: Drawings Alignment It is observed that just before Sector-142 station, the alignment diverged due to underground Gas Pipeline and the single line viaduct is provided. Is there any obligation to use the same pier geometry/minimum dia. for single line Viaduct as well?	4. Vol-5: Drawings Alignment It is observed that just before Sector-142 station, the alignment diverged due to underground Gas Pipeline and the single line viaduct is provided. Is there any obligation to use the same pier geometry/minimum dia. for single line Viaduct as well?	No change in Tender conditions.
418	ER Functional of work page no 15	2	SCOPE OF WORK	5. Vol_3_Emp_Req Clause- 2 SCOPE OF WORK The Civil, Architectural Finishing work, Plumbing work and PEB work of station shall be paid in BOQ on item rate basis as described in clause 2.10. Kindly clarify whether it is mandatory to use the span arrangement shown in the tender drawing for station or a different span arrangement may be used.	5. Vol_3_Emp_Req Clause- 2 SCOPE OF WORK The Civil, Architectural Finishing work, Plumbing work and PEB work of station shall be paid in BOQ on item rate basis as described in clause 2.10. Kindly clarify whether it is mandatory to use the span arrangement shown in the tender drawing for station or a different span arrangement may be used.	No change in Tender conditions.
419	ER Functional of work page no 28	2.8	CONSTRUCTION / CASTING YARD & DUMPING AREA	6. Vol_3_Emp_Req Clause- 2.8 CONSTRUCTION / CASTING YARD & DUMPING AREA For casting yard, batching plant and other activities a plot of land of approx. 60,000 Sqm. (approx..) will be made available by NMRC on as is where is basis within 45 Km from the work site free of cost as the precast member of viaduct and stations are large in number. This land shall be made good for such offsite activities as needed by the Contractor at no extra cost to the employer. As the scope of casting girders is very large for a length of 15 km viaduct approx. The area required for fully operational casting yard would be in range of 65000-70000 sqm. Moreover, establishing a casting yard 45 kms would result in more transportation hurdles for precast girders as well. Please consider increasing the casting yard area as well as allotting the land closer to worksite. Kindly check.	6. Vol_3_Emp_Req Clause- 2.8 CONSTRUCTION / CASTING YARD & DUMPING AREA For casting yard, batching plant and other activities a plot of land of approx. 60,000 Sqm. (approx..) will be made available by NMRC on as is where is basis within 45 Km from the work site free of cost as the precast member of viaduct and stations are large in number. This land shall be made good for such offsite activities as needed by the Contractor at no extra cost to the employer. As the scope of casting girders is very large for a length of 15 km viaduct approx. The area required for fully operational casting yard would be in range of 65000-70000 sqm. Moreover, establishing a casting yard 45 kms would result in more transportation hurdles for precast girders as well. Please consider increasing the casting yard area as well as allotting the land closer to worksite. Kindly check.	No change in Tender conditions.
420	ER Functional of work page no 16	2.1 (vi)	lumpsum scope of work	7. Vol_3_Emp_Req Clause- 2.1(vi) Cross-Overs Design and construction of non-standard spans, I-Girder/T-Girder spans, spans at crossover location, spans for crossing existing structure and spans in sharper curvature wherever necessary or instructed by engineer. Please specify the location of cross over and loads to be considered for the same.	Please specify the location of cross over and loads to be considered for the same.	Refer alignment tender drawings. Further, no change in tender conditions.
421	ER Functional of work page no 20	2.1 A3	lumpsum scope of work	8. Vol_3_Emp_Req Clause- 2.1.A.3.(i) Utility Diversion Though Alignment plans (both vertical and horizontal) are provided by the Employer to the Contractor. Contractor would however design the span configuration (only) based upon his proposal subject to obligatory requirements. Utility identification at all the foundation locations will be done by the Contractor before starting piling/excavation and in case utility(s) is encountered or obligatory requirements of Local Authorities are to be met out, the Contractor would modify the span configuration at such locations to save the utility(s) or to meet out the obligatory requirements within the accepted price. The shifting of the utility(ies) would be undertaken only in exceptional circumstances where in the opinion of the Engineer no other option is available. Cost of such utility shifting except RCC drain will be paid separately under relevant item of BOQ. No claim as regard to delay on account of execution of utility diversion will be entertained. All temporary diversion of any utilities done to facilitate the construction activity shall also be the part of the lump sum quoted price. It is obvious that if the execution of utility diversion is delayed beyond the control of contractor due to Utility owning agency. The tender transfers such a risk beyond control of contractor shall be suitably compensated, please along with time extension.	It is obvious that if the execution of utility diversion is delayed beyond the control of contractor due to Utility owning agency. The tender transfers such a risk beyond control of contractor shall be suitably compensated, please along with time extension.	No change in Tender conditions.
422	Missing			It has been mentioned in the referred sub-clause that "Design and construction of emergency siding line" is within the scope.	However, the details for the same are missing in the tender document.	Refer Addendum-2.
423	Missing			It has been mentioned in the referred sub-clause that "Demolition/dismantling & restoration of existing FOB's, Bus Shelters, Signages" is within the scope.	However, the details for the same are missing in the tender document.	Refer Clause A7 of ITT and Clause 4.9 of GCC. Further, No Change in Tender Condition.
424	Tender Drawing			Drawing shows some utility "to be relocated".	11. Vol-5, part-1: Botanical Garden intermediate level plan Connection of FOB Ramp into existing Blue Line Station Drawing shows some utility "to be relocated". It is evident that the connection of the new proposed FOB has to be done with the existing Blue Line station area at different levels where an existing wall/utility or façade may have to be modified/cut. No such scope is defined in the tender documents. Kindly clarify.	No change in Tender conditions.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
425	GCC page no 53	11.1.4	Changes in Taxes/Duty	The Contract Price shall not be adjusted to take into account…except the following: a) "Change in Taxes/Duties/Levies" means … at any time after the submission of tender. (i) Any new tax which is imposed on composite works contract applicable on Metro Project. (ii) Changes in the rate of GST on Composite Works Contracts applicable on Metro Project as per GST Act.	12. Vol_2_GCC-SCC Clause- 11.1.4 Changes in Taxes/Duty The Contract Price shall not be adjusted to take into account…except the following: a) "Change in Taxes/Duties/Levies" means … at any time after the submission of tender. (i) Any new tax which is imposed on composite works contract applicable on Metro Project. (ii) Changes in the rate of GST on Composite Works Contracts applicable on Metro Project as per GST Act. What about changes in legislation w.r.t. rates of royalties on aggregates and other charges like DMF, SI Tax etc. May kindly clarify as the impact of same cannot be foreseen at this stage and hence may kindly be included in the definition of Change.	No change in Tender conditions.
426	ER Appendix Page no 72	Appendix 2B	Key Dates	KD 3: Submission of Definitive Design – 12 weeks KD 4: Completion of 1st Formwork for precast U – girder element of production line for Engineer's approval- 14 weeks	13. Key dates, Appendix-2B KD 3: Submission of Definitive Design – 12 weeks KD 4: Completion of 1st Formwork for precast U – girder element of production line for Engineer's approval- 14 weeks The given timelines for KD3 for submission of "definitive" design within 12 weeks is very tight. KD4 for 1st formwork for precast is practically too tight as development of casting yard and making it operational would require at least 4 months. Kindly review.	No change in Tender conditions.
427	SCC page no 13	21	Price variation	"The Price Variation shall be payable up to a capped limit of 20% of the Contract Value under this contract."	It is requested to clarify the rationale for capping the Price Variation despite existence of a formula-based adjustment mechanism. It is further requested to consider removal of the 20% cap, particularly for extended periods of completion attributable to reasons beyond Contractor's control, so that Price Variation may be payable strictly as per the prescribed formula and prevailing indices.	No change in Tender conditions.
428	SCC page no 15	21.ii	Price Variation for Extra Items	Normally, no price variation clause shall be applicable to any extra item/new rates not originally included in the accepted Bill of Quantities and for which the rates are fixed separately under clause 12 of GCC. It shall, however be open to the Engineer to accept price variation clause in such cases where the rates are not based on actual and work is likely to continue for more than one year	It is requested to clarify that Price Variation shall also be applicable to extra items/new rates, wherever the corresponding work continues over a substantial duration and the approved rate analysis includes variable cost components linked to labour/material/fuel indices. Further, applicability of PVC on such items may kindly be made formula-based rather than discretionary, to ensure equitable treatment of original and extra scope works.	No change in Tender conditions.
429	SCC page no 18	24	"Employer's Variation"	"Changes to any sequence, method or timing of construction, manufacture or installation and changes to any part of the Site or the Works Areas or access thereto will not constitute Employer's Variation."	16. SCC Sub-Clause 12.3 Exclusion of Methodology / Sequencing Changes from Variation "Changes to any sequence, method or timing of construction, manufacture or installation and changes to any part of the Site or the Works Areas or access thereto will not constitute Employer's Variation." The clause excludes changes in construction sequence, methodology, timing, access, work fronts, and site availability from the definition of Employer's Variation. In urban metro projects, such changes can significantly impact productivity, deployment, traffic arrangements, launching methodology, and project cost/time. Kindly clarify whether substantial changes in sequencing, access, work fronts, or construction methodology arising due to Employer/interfacing agency/statutory authority constraints shall qualify for appropriate EOT and compensation under the Contract.	No change in Tender conditions.
430	SCC page no 19	24	"Employer's Variation"	"Once the rates have been finalised by the Engineer and approved by the Employer, the contractor shall be bound to carry out with the same. No claims shall be entertained."	17. SCC Sub-Clause 12.3 Binding Nature of Variation Rates "Once the rates have been finalised by the Engineer and approved by the Employer, the contractor shall be bound to carry out with the same. No claims shall be entertained." The clause may prejudice Contractor's rights in case of disagreement on rate justification. Kindly clarify whether execution of variation works pending/following rate finalization shall be without prejudice to Contractor's rights under dispute resolution provisions of the Contract.	No change in Tender conditions.
431	SCC page no 19	24 Note	"Employer's Variation"	Note: The Schedules attached to SCC may be modified as considered necessary at the time of finalisation of the contract"	18. Note under SCC Sub-clause 12.3 SCC Modification Note: The Schedules attached to SCC may be modified as considered necessary at the time of finalisation of the contract" The provision introduces uncertainty regarding contractual, technical, commercial, and milestone obligations after bid submission, since bidders are pricing the project based on the presently issued SCC schedules and associated provisions. Kindly clarify the extent and nature of modifications envisaged under the above provision and confirm that no material commercial, technical, contractual, milestone, payment, or risk allocation changes adversely affecting the bid basis shall be introduced after bid submission/finalisation of contract without mutual agreement of the successful bidder.	No change in Tender conditions.
12.0 M/s G R INFRAPROJECTS LIMITED						
432	ER Functional Page no 16	2.1 (viii)	lumpsum scope of work	(viii) …… Apart from special spans indicated in GAD, there may be requirement of additional special spans as per the site conditions / NMRC or civic requirement, which is also included in lump-sum price.	At the tender stage it tough to assess / predict the additional requirement of the special spans beyond the indicated spans in GAD. Bidder understands that, if such additional special span is found required at the construction stage, the extra cost will be paid additionally. Please confirm.	No Change in Tender Condition.
433	ER Functional Page no 16	2.1 (ix)	lumpsum scope of work	(ix) All Piers location, span arrangement for special/ obligatory spans have been shown in the alignment GAD drawings. These special spans / obligatory span lengths may have to be changed as per requirements of the concerned authorities.	Bidder understands that, if the special/obligatory spans length changed beyond 0.5m, the extra cost will be paid at pro-rata basis additionally. Please confirm.	No Change in Tender Condition.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
434	ER Functional Page no 17 - 18	2.1 (xxix)	lumpsum scope of work	(xxix) Demolition/dismantling/Restoration of any structure. Restoration as per the original condition prior to the construction. (a)… (b)…. (c)….	At the tender stage it is very difficult to exactly assess/ determine the actual dismantle/ demolition and restoration scope. Request to keep the payment provision of demolition/ dismantling and restoration of any structure in Item Rate Basis on Schedule B or C.	Refer Clause A7 of ITT and Clause 4.9 of GCC. Further, No Change in Tender Condition.
435	ER Functional Page no 16	2.1 (vii)	lumpsum scope of work	(vii) Design and construction of parapets. The shape shall be as per tender drawings.	The referred parapet drawing is missing in the tender drawings. Request to provide the parapet drawing to follow.	Refer Tender Drawings no. NGNE_VID_TED_STR_10119.
436	ER Functional Page no 16	2.1 (xi)	lumpsum scope of work	(xi) Design and construction of emergency siding line.	From the Employer's Requirement and the Tender GAD, it is no clear what is the actual scope of "Emergency siding Line". Requesting for clarification on the detail scope and corresponding chainages for the "Emergency siding Line".	Refer Addendum-2.
437	ER Functional Page no 16 & Tender drawing no NGE-ALG-TED-STR 10001, Sh 1 of 18	2.1 (xii)	lumpsum scope of work	(xii) Standard spans for viaduct shall be 28m Twin U-Girder Spans except obligatory spans/ special spans shown in GAD, However, in case of sharper radius wide U-Girder may have to be used without any extra cost. …..	Although Employer's Requirement refers to use wider U Girder, but in Alignment GAD, I Girder is shown. Bidder understands that, I-Girder is also allowed in case of curves & Cross overs.	No Change in Tender Condition.
438	ER Functional Page no 29	2.10 (iii)	SCOPE OF WORK UNDER BOQ ITEMS (SCHEDULE- 'B' & 'C')	(iii) Construction of foundation structures, all station building, additional floors within station premises, Ground, Concourse, Platform, Property development, entry/exit structures, FOB, corridor, ancillary building i.e. Underground/surface water tank, Pump room & DG room, Lift shafts, escalator pits, staircases as shown in tender drawings.	Bidder understands that, all the works in platform and concourse portion (i.e.; all beams, slabs, pedestals, etc.) are in the Item rate scope under Schedule B & Schedule C. Kindly confirm.	Refer Addendum-2.
439	ER Functional Page no 29	2.10 (iii)	SCOPE OF WORK UNDER BOQ ITEMS (SCHEDULE- 'B' & 'C')	(iii) Construction of foundation structures, all station building, additional floors within station premises, Ground, Concourse, Platform, Property development, entry/exit structures, FOB, corridor, ancillary building i.e. Underground/surface water tank, Pump room & DG room, Lift shafts, escalator pits, staircases as shown in tender drawings.	The scope of stations are bifurcated in both schedule A and B, creating confusion. Request for clarification on where the Scope of Cross Arm at Concourse and Platform level to be considered.	Refer Addendum-2.
440	ER Functional Page no 29	2.10 (iii)	SCOPE OF WORK UNDER BOQ ITEMS (SCHEDULE- 'B' & 'C')	(iii) Construction of foundation structures, all station building, additional floors within station premises, Ground, Concourse, Platform, Property development, entry/exit structures, FOB, corridor, ancillary building i.e. Underground/surface water tank, Pump room & DG room, Lift shafts, escalator pits, staircases as shown in tender drawings.	The scope of stations are bifurcated in both schedule A and B, creating confusion. Request for clarification on where the scope of Piers/ Columns at station portion to be considered.	Refer Addendum-2.
441	ER Functional Page no 29 & BOQ page no 9	2.10 (iii) & Schedule B1 S.no. 1	SCOPE OF WORK UNDER BOQ ITEMS (SCHEDULE- 'B' & 'C')	(iii) Construction of foundation structures, all station building, additional floors within station premises, Ground, Concourse, Platform, Property development, entry/exit structures, FOB, corridor, ancillary building i.e. Underground/surface water tank, Pump room & DG room, Lift shafts, escalator pits, staircases as shown in tender drawings. & **Schedule B1:** for Civil works related to station, Entry/Exit & FOB under NDSR head Sr. No. | Description | Amount Boraki | Amount Botanical 1 | Foundation for Station building, FoB, Entry Exit | ₹ 16,68,34,694.48 | ₹ 50,60,69,554.57	Bidder understands that, all the foundation for the station location piers/columns including center piers will be paid under schedule B. Requesting for your clarification.	Refer Addendum-2.
442	ER Functional Page no 28	2.8	CONSTRUCTION / CASTING YARD & DUMPING AREA	CONSTRUCTION / CASTING YARD & DUMPING AREA For casting yard, batching plant and other activities a plot of land of approx. 60,000 Sq. m.(approx..) will be made available by NMRC on as is where is basis within 45 Km from the work site free of cost….	Request to provide the exact casting yard land area which will be provided to the contractor.	No Change in Tender Condition.
443	ER Functional Page no 28	2.8	CONSTRUCTION / CASTING YARD & DUMPING AREA	CONSTRUCTION / CASTING YARD & DUMPING AREA For casting yard, batching plant and other activities a plot of land of approx. 60,000 Sq. m.(approx..) will be made available by NMRC on as is where is basis within 45 Km from the work site free of cost….	Request to provide the exact casting yard location for the accurate calculation and planning of logistic and cost of transporation.	No Change in Tender Condition.
444	ER Functional Page no 19	2.1 (xl)	lumpsum scope of work	(xl) Diversion of Charted Utilities is under Lump Sum scope. Charted utilities comprises of All existing above ground utilities falling along the alignment (including Viaduct & stations) along with their underground/elevated connections except Overhead HT Lines above 11 KV.	No list of utilities provide in the tender documents. Request to provide the charted utilities list.	Refer Clause A7 of ITT and Clause 4.9 of GCC. Further, No Change in Tender Condition.
445	ER Functional Page no 19 & BOQ	2.1 (xl) & Clause 7	lumpsum scope of work & Preamble	(xl) Diversion of Charted Utilities is under Lump Sum scope. Charted utilities comprises of All existing above ground utilities falling along the alignment (including Viaduct & stations) along with their underground/elevated connections except Overhead HT Lines above 11 KV. & 7. Sub head B-4 consists of NDSR items for Diversion of Utilities works. The tenderer has to quote percentage above/below/at par rates against Sub head B-4.	The Sub head B4 under Schedule B, is dedicated item rate payment schedule for Utility diversion work. Bidder understands that, all diversion of utilities will be paid under this schedule.	Charted Utilities as per clause 2.1 (xl) of Employer's Requirements-Functional are under lump sum portion. Rest, Uncharted utilities shall be paid on item rate basis.
446	Tender Drawing NGNE-ALG-TED-STR-10001, Sheet No. 01 to 18 & NGNE-ALG-TED-STR-			GENERAL ARRANGEMENT DRAWING PLAN AND PROFILE …..	There are two sets of GAD for alignment provided in the tender drawings. Although the Existing Ground Level and Proposed Rail Level is different in the two sets. Request to review and clarification.	Refer Addendum-2.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
447	Tender Drawing			GENERAL ARRANGEMENT DRAWING PLAN AND PROFILE	The GAD sheet no 17 and 18 out of 18 is missing in the second set of the mentioned drawing no. Request to review and clarification.	Refer Addendum-2.
448	NGNE-ALG-TED-STR-10001, Sheet No. 01 to 18 & NGNE-ALG-TED-STR-10002, Sheet No. 01 to 18			GENERAL ARRANGEMENT DRAWING PLAN AND PROFILE	Two sets of GAD drawings for the alignment have been provided in the tender documents. During the pre-bid meeting dated 26.05.2026, it was clarified that one set corresponds to the Up line and the other to the Down line. However, the bidder is unable to reconcile this clarification with the tender drawings, as both Up and Down lines appear to be supported on a common pier cap, and the sectional drawings indicate both rail levels at the same elevation. Under such configuration, variation in rail levels between the Up and Down lines is not clearly understandable. Further, since the metro viaduct alignment is predominantly passing through the median, the basis for variation in ground level by as much as approximately 1.0 m between the Up and Down lines is also not clear. This discrepancy creates ambiguity in assessing the actual pier height and corresponding substructure quantities. Request to review the drawings and provide clear clarification regarding the rail levels, ground levels, and the basis of pier height determination for both Up and Down lines.	Refer Addendum-2.
449	NGNE-ALG-TED-STR-10001, Sheet No. 17 & 18 of 18			GENERAL ARRANGEMENT DRAWING PLAN AND PROFILE : From Chainage KM 11+200 to KM 12+130 & From Chainage KM 11+200 to KM 12+036	The double line is separated at the Ch. 11+200KM as shown in GAD. But same EGL and PRL is given for both the line. Request to provide the specific level details for each line for accurate estimation of Pier Quantity.	Refer Addendum-2.
450	SCC page no 13	21	Price Variation	Price Variation ..... The Price Variation shall be payable upto a capped limit of 20% of the Contract Value under this contract.	Considering the long project duration of 36 months and the uncertainty in material cost fluctuations during the execution period, capping Price Variation at 20% of the Contract Value may not reflect actual market escalation. Request to remove the cap on Price Variation and allow payment based on actual applicable index variation as per the contract formula.	No Change in Tender Condition.
451	NIT page no 10 R	1.1.3.2.A	Eligibility Criteria	The "Similar works" for this contract shall be "~~Design and~~ Construction of Metro/RRTS/High Speed rail Viaduct having a pre-stressed concrete super-structure as well as construction of elevated metro stations,"	We request your kind consideration to broaden the qualification criteria currently restricted to Metro/RRTS/High Speed Rail viaduct projects. We propose that relevant experience in viaduct/bridge/flyover works for Road/Highway projects also be included, as these involve similar technical expertise such as pre-stressed concrete super-structure. In this regard, reference may be made to the 'similar works' of the following metro tenders:- 1. Gurugram Metro, NIT No. 2025_HBC_432395_1 2. Maha Metro (Thane), NIT No. 2025_MMRCL_1185576_1 3. Noida Metro Contract NGNECC-01, NIT No. 2021_NMRCL_590925 4. MPMRCL_Bhopal Metro, NIT No. 2023_MPMRC_155818_1 5. DMRC Phase IV, NIT No. 2025_DMRC_842770_1 6. UPMRCL_Phase-1B of Lucknow Metro, NIT No. 2025_UPMRC_261191_1 7. Bengaluru Metro Phase 3, NIT No. 2026_BMRCL_262879_1 8. Jaipur Metro Phase-II, NIT No. 2025_JMRC_508748_1 This revision will encourage wider participation from capable bidders without compromising technical requirements. We request you to kindly consider the above.	No Change in Tender Condition.
452	NIT Page no 2R	1.1.2	Key Details	Extension of Bid Due Date	The addendum / pre-bid clarification is scheduled to be issued on 02.06.2026, whereas the current bid submission deadline is fixed as 12.06.2026, leaving an effective period of only 10 days for bidders to review the clarifications, assess their impact on technical and commercial submissions, incorporate necessary revisions, obtain internal approvals, and finalize a responsive bid. Considering the complexity, magnitude, and technical evaluation involved in the tender, the available duration appears insufficient for comprehensive bid preparation after issuance of pre-bid replies. Request to extend the bid submission end date by at least 21 days beyond the current submission deadline, so as to provide adequate time for bidders to incorporate the clarifications and submit a competitive and well-considered bid in the interest of fair competition and wider participation.	No Change in Tender Condition.
453	General			Project Location & KMZ	We request you to provide KMZ file for this project.	Refer Addendum-2.
454	General			Joint Site Visit	We request you to provide a joint site visit to along with the employer to better understand the project scope and alignment.	No Change in Tender Condition.
455	General			Span Arrangement & General Arrangement Drawings	Request to provide AutoCAD files of Span Arrangements and GADs of the project.	Refer Addendum-2.
456	General			Bonus for Early Completion	The Authority is silent on the part of bonus payment for Early Completion of works. So we request you that in the event the Project Completion Date occurs prior to the Scheduled Completion Date, the Contractor shall be entitled to receive a payment of bonus being a standard practice in the construction industry. With respect to equitability to clause of Liquidated damages, we request you to kindly incorporate the clause of bonus for early completion.	No Change in Tender Condition.
13.0 M/s Ceigall India Limited						
457	NIT Page no 2	1.1.2	Key Details	Date & time of Submission of Tender online: Tender submission start date: 05.06.2026 (09:00 hrs). Tender submission end date: 12.06.2026 (15:00 hrs).	Since the subject project is has various long lead items, the employer is requested to extend the tender submission end date by at least 30 days more in order to submit the optimum bid.	No Change in Tender Condition.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
458	NIT page no 10 R	1.1.3.2	Minimum Eligibility Criteria	A. Work Experience: The tenderers will be qualified only if they have successfully completed work(s), completion date(s) of which falling during last seven (07) years ending last day of the month previous to the month of tender submission as given below (i) At least One "similar works" *each of value of INR 1,013.66 crore or more. OR (ii) Two "similar works" *each of value of INR 633.54 crore or more. OR (iii) Three "similar works" *each of value of INR 506.83 crore or more. * The "Similar works" for this contract shall be "Construction of Metro/RRTS/High Speed rail Viaduct having a pre-stressed concrete super structure as well as construction of elevated metro stations,"	A. Work Experience: The tenderers will be qualified only if they have successfully completed work(s), completion date(s) of which falling during last seven (07) years ending last day of the month previous to the month of tender submission as given below (i) At least One "similar works" *each of value of INR 1,013.66 crore or more. OR (ii) Two "similar works" *each of value of INR 633.54 crore or more. OR (iii) Three "similar works" *each of value of INR 506.83 crore or more. * The "Similar works" for this contract shall be "Construction of Metro/RRTS/High Speed rail /Highway Viaduct (excluding approached and embankments) having a pre-stressed concrete super structure as well as construction of elevated metro stations," Kindly consider our request for more competitive bidding.	No Change in Tender Condition.
459	NIT page no 11 R	1.1.3.2	Minimum Eligibility Criteria	Individual Bidder or any substantial member of JV/Consortium should fulfil following conditions - a. Bidder should have successfully completed minimum 6 km or more of Elevated Metro/RRTS/High Speed rail viaduct in a single awarded contract. b. Bidder should have successfully completed minimum 4 nos. of Elevated Stations or more in Elevated Metro/RRTS/High Speed Rail in a single awarded contract. c. Bidder should have successfully completed Architectural Finishing Work for minimum 04 nos. Elevated stations or more in Elevated Metro/RRTS/High speed Rail in a single awarded contract. d. Bidder should have successfully completed PEB structure work for minimum 04 nos. Elevated stations or more in Elevated Metro/RRTS/High speed Rail in a single awarded contract. e. Further, in case the bid is submitted by a Joint Venture (JV)/Consortium, any each member of the JV/Consortium shall independently meet and demonstrate the similar work experience as stipulated above; failing which, the bid shall be treated as non-responsive and shall be rejected.	We request the Employer to kindly waive/relax the requirement of completion of minimum 04 elevated stations in a single contract and allow cumulative experience of similar elevated Metro/RRTS/High-Speed Rail station works executed across multiple contracts. The present condition is highly restrictive and limits participation of otherwise technically competent bidders having substantial experience in elevated metro infrastructure works. Relaxation of this condition will enhance competitive participation without affecting the technical capability requirements of the project. Kindly consider our request for more competitive bidding.	No Change in Tender Condition.
460	Tender Drawing			Tender Drawings & Alignment	The employer is requested to provide AutoCad and KMZ file of Tender drawings and alignment. Kindly consider our request.	Refer Addendum-2.
461	ER Functional Page no 16	2.1 (vii)	lumpsum scope of work	(viii) Apart from special spans indicated in GAD, there may be requirement of additional special spans as per the site conditions / NMRC or civic requirement, which is also included in lump-sum price.	Employer is requested of additional special spans is uncertain and depends upon future site conditions and instructions of NMRC/civic authorities, the same cannot be reasonably quantified at bidding stage. Therefore, any additional special span over and above the spans indicated in tender GAD drawings should be treated as Change of Scope/Variation and paid separately as per contract provisions instead of being included in the lump-sum price. Kindly Consider the same.	No Change in Tender Condition.
462	ER Functional Page no 16	2.1 (ix)	lumpsum scope of work	(ix) All Piers location, span arrangement for special/ obligatory spans have been shown in the alignment GAD drawings. These special spans / obligatory span lengths may have to be changed as per requirements of the concerned authorities.	Employer is requested any change in special/obligatory span arrangement or span lengths shall arise due to requirements of concerned authorities and is beyond the bidder's control, the resulting modifications may substantially impact design, quantity, construction methodology, and project cost. Hence, any such changes from the tender GAD drawings should be treated as Change of Scope/Variation and compensated separately as per contract provisions.	No Change in Tender Condition.
463	ER Functional Page no 16	2.1 (v)	lumpsum scope of work	Design & Construction of super structure of Standard U-Girder span and all other spans for Viaduct including Viaduct in station excluding the concourse portion	As per various sub-clauses of ER/Clause 2.1 for Lump Sum works, the bidder understands that construction of the station viaduct superstructure, i.e. track supporting structure works i.e U-girder spans are forms part of Schedule-A (Lump Sum Scope). Further, other works related to the main station building, such as foundation works, substructure works, concourse level works, and platform level works, shall be payable under the relevant BOQ schedules. Kindly clarify whether the above understanding is correct.	Track girder at Station extended portion to have U girders and Concourse portion to have cast-in -situ RCC girders. Refer Addendum-2.
464	ER Functional Page no 16	2.1 (xi)	lumpsum scope of work	(xi.) Design and construction of emergency siding line.	The location, alignment, length, configuration, and other technical details of the emergency siding line are not indicated in the tender GAD drawings/documents. Bidders are therefore unable to assess the design parameters, quantities, and associated cost implications at the bidding stage. It is requested to kindly provide detailed GAD/alignment drawings, scope, and technical requirements for the emergency siding line. In case of any additional requirements issued later, the same shall be treated as Change of Scope/Variation and compensated separately as per contract provisions.	Refer Addendum-2.
465	ER Functional Page no 18	2.1 (xxxvii)	lumpsum scope of work	(xxxvii) Traffic marshals to guide the road users and to avoid traffic congestion. The deployment of the Traffic marshals shall be as per the approved Traffic Diversion Plan.	The requirement and deployment quantity of traffic marshals are entirely dependent upon the Traffic Diversion Plan and actual site conditions, which cannot be accurately assessed at the bidding stage. Hence, inclusion of the same in lump-sum scope may lead to uncertainty in pricing. It is therefore requested to kindly waive off this condition from the lump-sum scope and consider payment for deployment of traffic marshals on actual basis as per approved Traffic Diversion Plan and site requirement.	No Change in Tender Condition.
466	ER Functional Page no 19	2.1 (xxxix)	lumpsum scope of work	(xxxix) Provision of barricading board as per the specification as provided in tender drawing at the land to be used for Viaduct, Viaduct in station excluding concourse portion, Casting Yard, Batching Plant, etc. Barricading board for station portion including Entry/Exit will be paid in Schedule B of BOQ.	Bidder understands that the barricading works for viaduct portion are included in the lump-sum scope. Further, barricading works for station areas including Entry/Exit portions shall be measured and paid separately under Schedule B of BOQ. Kindly confirm our understanding.	No Change in Tender Condition.

S.No	Section	Clause No.	Name of the Clause	Description of Clause	Bidder's Query	NMRC Reply
467	ER functional Page no 31	2.10 (xxv)	SCOPE OF WORK UNDER BOQ ITEMS (SCHEDULE- 'B' & 'C')	(xxv) Utility identification at foundation locations will be done by the contractor and in case utility (ies) is encountered or obligatory requirement is to be met out; the contractor shall modify the span configuration at such location out of the standard span's configurations provided in the tender drawing to save the utility(ies) or to meet obligatory requirements within the accepted price. However, if neither the utility(ies) can be diverted/shifted nor the pier location be altered then the substructure will be designed by accommodating the utility(ies) and the extra cost incurred on this account shall be paid. This difference shall be calculated by working out the difference between the cost of actual substructure work executed vis-a-vis the assessed cost of substructure that would have been constructed at this location as per tender requirements and conditions. Shifting of utility(ies) would be done only in exceptional cases where in the opinion of the Engineer no other option is available. Cost of such utility shifting except RCC drain will be paid separately under relevant item of BOQ. No claim on account of delay in execution of utility diversion will be entertained. All temporary diversion of any utilities done to facilitate the construction activity shall be the part of the lump sum quoted price. RCC drain will be encountered at most of the places which will be restored back with similar specification after casting of pile cap & cost of the same is included in lump sum quoted price. No payment shall however be made for supporting the utilities, carriage of excavated earth during execution of work.	It is requested to clarify that in case any uncharted/unidentified utility is encountered during execution, and any modification in foundation, substructure, span configuration, or superstructure becomes necessary to accommodate such utility or to meet obligatory/site requirements, then the additional cost and time implication for such modified works shall be paid separately. The present clause provides payment only for differential substructure cost; however, any impact on superstructure, special spans, bearings, launching arrangement, or associated works arising due to utility constraints should also be treated as Change of Scope/Variation and compensated accordingly.	No Change in Tender Condition.
468	ER functional Page no 17 & 21	2.1 & 2.1 A3	lumpsum scope of work	(xvii) OHE Pedestals with bolts, Parapets, MS railing as per tender drawing including epoxy painting on MS railing. (iv) As per requirement of OHE contractor, MS railing at U-Girder (including epoxy painting) to be provided by the civil contractor.	The scope, extent, configuration, and location of MS railing works at U-Girder/OHE locations are not clearly defined in the tender drawings/documents. Bidders are unable to assess the exact quantity and specifications at the bidding stage. It is requested to kindly clarify the detailed scope of railing works and provide the relevant reference drawings/details including typical sections, fixing arrangements, locations, height, and specification requirements for accurate estimation and execution.	Refer Addendum-2.
469	GCC page no 15	2.2	Access to and Possession of the Site	Access to and Possession of the Site The Employer shall grant the Contractor right of access to, and / or possession of, the Site progressively for the completion of Works.	The employer is requested to specify the priority of stretch, status of land availability, R&R issues and status of already obtained permissions if any. Kindly consider our request.	The right of access to the site shall be granted progressively for the completion of works. Further, the entire land requirement is Government land and there is no private land acquisition requirement.
470	GCC page no 54	11.2	Advances	Advances b. Mobilization Advance shall be paid interest free against acceptable Bank Guarantee from a scheduled commercial bank in India. The value of Bank Guarantee taken towards security of "Mobilization Advance" shall be 110% of the Advance taken by the Contractor. The Contractor, once the 50% of Mobilization Advance has been recovered, shall have a one-time option to reduce the Bank Guarantee for the Mobilization Advance by the amount recovered. Plant and Machinery Advance shall generally be limited to 5% of Original Contract Value or as specified in Special Conditions of Contract. This Advance shall be paid interest free against acceptable Bank Guarantee from a scheduled commercial bank in India. The value of Bank Guarantee taken towards Security of "Plant & Machinery Advance" shall be 110% of the Advance taken by the Contractor. The Contractor, once the 50% of	The Employer is requested to kindly clarify that the applicable advances shall be provided interest-free against submission of 110% Bank Guarantee value, in line with GCC provisions and prevailing industry practice. Accordingly, it is requested to amend the relevant SCC clause to align with the GCC provisions for interest-free advance payment.	No Change in Tender Condition.
471	SCC page no 20	26	Advances	The Advances against Mobilisation and Plant & Machinery shall be interest bearing. The Rate of Interest shall be charged at "RBI Bank Rate + 2% (Two Percent) simple interest. Interest will be chargeable and calculated on reducing balance method. The recovery of interest shall be same as the recovery of advances as mentioned in GCC Clause 11.2.4.		
472	ER Appendix Page No 71	Appendix 2A	WORKS AREAS	The employer will provide the work area of Approx. 60,000 sq.m. for Casting Yard within 45 Km radius of work site as per availability for construction of precast elements of viaduct. All the work areas (land for casting yard, batching plant & site office) are to be handed over back to the Employer within 2 months from the date of issue of Take over Certificate.	As per the bidder's analysis and based on previous project experience, the provision of 60,000 Sqm of land is found to be insufficient for casting bed arrangements, stacking yards, reinforcement yards, batching plants, gantry movement, storage areas, laboratories, offices, and other associated infrastructure required for large-scale precast construction activities. Further, availability of the casting yard nearer to the project corridor is essential for efficient transportation, improved productivity, reduction in traffic disruption, minimization of risks associated with movement of heavy precast elements, and timely execution of the works. Accordingly, the Employer is requested to provide approximately 1,00,000 Sqm of land for the Casting Yard within a 10 Km radius of the project alignment.	No Change in Tender Condition.
473	ER Functional Page no 21	2.1 A.3 (iv)	lumpsum scope of work	OHE & signalling structures themselves are excluded from the scope of the work, but civil works required for fixing the structures such as strengthening of structures and providing inserts are included. As per requirement of OHE contractor, MS railing at U-Girder (including epoxy painting) to be provided by the civil contractor. The specific location of OHE mast & railing shall be provided by the OHE contractor.	In order to facilitate submission of an optimum bid, the Employer is requested to provide the location, approximate length, and drawings/details of the MS railing.	Refer Addendum-2.
474	SCC Page no 13	21	Price variation	The Price Variation shall be payable upto a capped limit of 20% of the Contract Value under this contract.	The Employer is requested to make the Price Variation fully payable as per the applicable escalation formula without any upper cap limit, in order to minimize the Bidder's financial risk during the execution period of the project. Restricting the Price Variation to a capped limit may adversely affect the competitive bidding.	No Change in Tender Condition.
475	Tender drawing			GAD	It is observed that two separate GAD plans are available in the tender documents for the Up Line and Down Line. However, at certain locations, the Ground Levels (GL) and Rail Levels (RL) shown in both plans are different and mismatched. As per the tender requirements and corresponding GAD drawings, a single pier structure with a common pier cap is proposed for both the Up Line and Down Line. Accordingly, the levels for both lines should remain the same, as the superstructure for both tracks will rest on the same pier cap. In view of the above, the employer is requested to clarify which GAD/profile plan shall be considered for estimation and bidding purposes, so that the bidder may quote the optimum and accurate bid accordingly.	Refer Addendum-2.