



MAHARASHTRA METRO RAIL CORPORATION LIMITED
Pune Metro Rail Project
Joint Venture of Govt. of India & Govt. of Maharashtra
CIN: U60100MH2015SGC262054

Date: 05 April 2024

CORRIGENDUM-IV

Subject: Modified Tender Conditions

Tender No. P1C-24/2024 (ICB) 20 February 2024

Name of Work: Execution of balance Civil, Structural, Architectural, Plumbing & Site Development Works of Station Box Including Works of Entry-Exits at Range Hills and other stations of Pune Metro Rail Project.

Reference: Tender Document dated 20 February 2024, Corrigendum I dated 07 March 2024, Corrigendum II dated 18 March 2024, Corrigendum III dated 01 April 2024.

The Modified Tender Conditions is attached as Annexure-A. (07 page)

Sr. No	Description	Tender Conditions	Modified Tender Conditions
1	Completion Period	12 Months	24 Months (Annexure –A)
2	Part-01, Section III Evaluation and Qualification Criteria	-	Modified as per the revised completion period (Annexure –A)
3	Part- 3 - Conditions of the Contract Section IX Particular Conditions (PC)	13.8 Adjustments for Changes in Cost – Not Applicable	Applicable (Annexure –A)
4	Key Dates - Part -02 Work Requirements	Part -02 Work Requirements Appendix-2B Contract Key Dates and Completion Dates	Modified as per revised completion period (Annexure –A)

RAJEEV KUMAR

Digitally signed by RAJEEV
KUMAR

Date: 2024.04.05 15:56:04 +05'30'

(ED/Procurement & Contracts),
Pune Metro Rail Project,
Maharashtra Metro Rail Corporation Limited.



Modified Tender Conditions

Sr. No.	Reference Volume	Reference Section	Reference to tender document clause	As per Tender Condition	Tender Condition Modified as
1	Part -03 Conditions of Contract	Section-IX Particular Conditions of Contract (PC):	Sl. no. 5: Time for Completion GCC Sub clause no. 1.1.3.3 & 8.2	12 Months (01 Year) from the date of issue of LOA.	24 Months (02 Years) from the date of issue of LOA.
2			3.1 (a) Financial Capabilities (cash flow)	The Bidder shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated as INR 133 million for the subject contract.	The Bidder shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated as INR 67 million for the subject contract.
3	Part-1: Bidding Procedure	Section-III: Evaluation & Qualification Criteria- 2. Qualification	3.2 Average Annual Turnover	Minimum average annual turnover of INR 1596 million within the last 5 (five) years Note: - 1) Last five years shall be (FY 2018-19, 19-20, 20-21, 21-22 & 22-23) 2) In case of Companies, which follows Financial Year as Calendar Year (January to December), data for 2023 shall be treated equivalent to the data of FY 2022-23 and so on. 3) Statutory Auditor's certified summary sheet of audited balance sheet need to be enclosed with bid. The certificate must be with UDIN 4) Copy of audited balance sheets also need to be submitted along with the bid	Minimum average annual turnover of INR 798 million within the last 5 (five) years Note: - 1) Last five years shall be (FY 2018-19, 19-20, 20-21, 21-22 & 22-23) 2) In case of Companies, which follow Financial Year as Calendar Year (January to December), data for 2023 shall be treated equivalent to the data of FY 2022-23 and so on. 3) Statutory Auditor's certified summary sheet of audited balance sheet need to be enclosed with bid. The certificate must be with UDIN 4) Copy of audited balance sheets also need to be submitted along with the bid
4	Part -03 Conditions of Contract	Section-IX Particular Conditions of Contract (PC)	Sl. no. 36, Clause 13.7 Base Date	This clause is not applicable to this tender.	18 months from the date of commencement.





5	Part -03 Conditions of Contract	Section-IX Particular Conditions of Contract (PC)	Sl. no. 37, Clause 13.8 Adjustments for Changes in Cost	This clause is not applicable to this tender	<p>Now made applicable as under:</p> <p>Replace the GC Sub-Clause 13.8 with the provisions as under:</p> <p>a) The rates as per the accepted Bill of Quantities / Pricing Document shall be applicable till the completion of the Works and will be varied only to the extent of permissible price variation under this clause which will be applicable for the Schedules except schedule A and G after completion of eighteen months from the date of commencement of this contract. Base date also will be treated as eighteen months from the commencement of this contract. However, this adjustment shall be to the extent that full compensation for any rise or fall in costs to the Contractor is not covered by the Price Variation formula, the rates in the accepted Bill of Quantities / Pricing Document shall be deemed to include amounts to cover the contingency of such rise or fall in costs.</p> <p>b) Payment as per the Contract shall be subject to adjustment in accordance with the following Price Variation formula, and other terms given herein, to provide for variation in the market rates of inputs like labour, materials and fuel / energy during the currency of the Contract:</p> $V = V_L + V_S + V_C + V_F + V_M$ <p>Where:</p> <table border="1" data-bbox="1294 1002 2054 1487"> <tr> <td data-bbox="1294 1002 1413 1086">V</td> <td data-bbox="1413 1002 2054 1086">Total adjustment on account of all components / factors</td> </tr> <tr> <td data-bbox="1294 1086 1413 1222">V_L</td> <td data-bbox="1413 1086 2054 1222">Adjustment on account of labour component $= p * R * \frac{l - l_o}{l_o}$</td> </tr> <tr> <td data-bbox="1294 1222 1413 1358">V_S</td> <td data-bbox="1413 1222 2054 1358">Adjustment on account of steel component $= q * R * \frac{W_s - W_{so}}{W_{so}}$</td> </tr> <tr> <td data-bbox="1294 1358 1413 1487">V_C</td> <td data-bbox="1413 1358 2054 1487">Adjustment on account of cement component $= r * R * \frac{W_c - W_{co}}{W_{co}}$</td> </tr> </table>	V	Total adjustment on account of all components / factors	V _L	Adjustment on account of labour component $= p * R * \frac{l - l_o}{l_o}$	V _S	Adjustment on account of steel component $= q * R * \frac{W_s - W_{so}}{W_{so}}$	V _C	Adjustment on account of cement component $= r * R * \frac{W_c - W_{co}}{W_{co}}$
V	Total adjustment on account of all components / factors												
V _L	Adjustment on account of labour component $= p * R * \frac{l - l_o}{l_o}$												
V _S	Adjustment on account of steel component $= q * R * \frac{W_s - W_{so}}{W_{so}}$												
V _C	Adjustment on account of cement component $= r * R * \frac{W_c - W_{co}}{W_{co}}$												



V_F	Adjustment on account of fuel / lubricant component $= s * R * \frac{W_f - W_{fo}}{W_{fo}}$	
V_M	Adjustment on account of other materials, machinery and machine tools component $= t * R * \frac{W_m - W_{mo}}{W_{mo}}$	
p	Cost coefficient of labour to the total cost = 0.20	
q	Cost coefficient of Steel to the total cost = 0.25	
r	Cost coefficient of Cement to the total cost = 0.17	
s	Cost coefficient of Fuel & Lubricants to the total cost = 0.05	
t	Cost coefficient of other Materials, machineries, tools and plants. = 0.18	
Note: $p + q + r + s + t = 0.85$, balance 0.15 shall be the fixed component		
R	Gross value of the work done by the Contractor under all schedules except schedule G for the period of work under consideration, after excluding from it, the cost of any materials supplied free or at fixed rate to the Contractor.	
I_o	Consumer Price Index for Industrial workers, published in Labour Bureau, Ministry of Labour and Employment, Government of India, as applicable to Pune area for the month as per base date indicated at clause 13.7 of PCC.	
I	Average of monthly Consumer Price Index for Industrial workers published in Industrial workers	



	published in the Labour Bureau, Ministry of Labour and Employment, Government of India, as applicable to Pune area for the month under consideration.	
W_{so}	All India Price Index (with base Oct '07 = 100) for Reinforcement bars (TMT-500) for primary manufacturer, issued by Central Public Works Department (CPWD) for the month as per base date indicated at clause 13.7 of PCC.	
W_s	All India Price Index (with base Oct'07=100) for Reinforcement bar (TMT-500) for primary manufacturers, issued by Central Public Works Department (CPWD) for the period of work under consideration.	
W_{co}	Wholesale Price Index for Cement, Lime and Plaster (with base 2011-12 = 100) issued by RBI Bulletin for the month as per base date indicated at clause 13.7 of PCC.	
W_c	Wholesale Price Index (with base 2011-12 = 100) for Cement, Lime and Plaster issued by Reserve Bank of India for the period of work under Consideration	
W_{fo}	Whole Sale Price Index (Averages) for Fuel & Power, as published in the RBI Bulletin for the month as per base date indicated at clause 13.7 of PCC.	
W_f	Whole sale Price Index (Averages) for Fuel & Power, as published in the RBI Bulletins for the period of work under consideration.	
W_{mo}	Whole Sale Price Index for Machinery for Mining, Quarrying and Construction as published in the RBI Bulletin, for the month as per base date indicated at clause 13.7 of PCC.	
W_m	Wholesale Price Index for Machinery for Mining, Quarrying and Construction as published in the RBI Bulletin for the period of work under consideration.	



c) Period of Work under consideration will mean as under:

- In case of "On-account Bill" the period from eighteen months from the date of commencement to the month of measurement of bill.
- In the case of subsequent "On-account" and Final bills, the Period from the month of measurement for previous bill to the month of measurement of that bill.

Note: Responsibility of arranging the RBI Bulletins / CPWD notifications as desired by the Employer or the Engineer shall rest with the Contractor.

d) Procedure in case of delay in Availability of final RBI indices:

Where the final Price Indices are not available in the Reserve Bank of India Bulletins, while making payment towards on-account bills, payment towards Price Variation will be made on provisional basis based on the indices available, to be adjusted in subsequent bills as and when the final indices figures become available.

e) Price Variation for Varied Items:

Normally, no price variation clause shall be applicable to any extra item/new rates not originally included in the accepted Bill of Quantities / Pricing Document and for which the rates are fixed separately under Clause 13 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 actuals and work is likely to continue for more than eighteen months.

f) Adjustment on account of Price Variation:

Adjustment on account of Price Variations may be positive (in which case extra amount shall be paid to the Contractor), or negative (in which case the amount of Price Variation shall be recovered from the Contractor). Adjustment on account of Price Variation shall be calculated separately, for each period, between two successive dates of measurements for bills and paid along with each bill or separately as claimed by the Contractor.

After verifying the bill, the Engineer shall certify the adjustment amount and advise the same to the Employer along with the 'On Account' bill. Should any extra amount be due to Contractor, the Employer shall pay the same as far as possible within 28 days of



					<p>certification by Engineer. Any amount due from Contractor on account of negative adjustment shall be recovered from his pending or other bills at the earliest.</p> <p>g) Price Variation during extended period of completion:</p> <p>The price adjustment as worked out above i.e. either increase or decrease will be applicable up to the stipulated date of completion of the work including the extended period of completion where such extension has been granted under Sub-Clause 8.4 & 8.5 of GC or it is specifically mentioned that extension is with price variation also. However, where extension has been granted under Sub-Clause 8.7 of GC, price adjustment will be due as follows:</p> <p>In case the indices fall below the indices applicable to a bill made on the last date of the original or extended period of completion, then the lower indices will be adopted for Price Adjustment for the period of extension under Clause 8.4 & 8.5 of GC unless the extension has been granted due to Contractor's fault.</p>																																																			
6	Part -02 Work Requirements	Section-VII Annexure-VII-3	Appendix-2B Contract Key Dates and Completion Dates	<p>A. Construction of balance Civil & PEB works of Entry Exit (EE)-03 at PCMC station</p> <table border="1"> <tr><td>1</td><td>KD-1</td><td>15 days</td></tr> <tr><td>2</td><td>KD-2</td><td>30 days</td></tr> <tr><td>3</td><td>KD-3</td><td>120 days</td></tr> <tr><td>4</td><td>KD-4</td><td>210 days</td></tr> </table> <p>B. Construction of balance civil & Steel works at Bhosari Station Property development (PD) level</p> <table border="1"> <tr><td>1</td><td>KD-1</td><td>15 days</td></tr> <tr><td>2</td><td>KD-2</td><td>90 days</td></tr> <tr><td>3</td><td>KD-3</td><td>120 days</td></tr> <tr><td>4</td><td>KD-4</td><td>150 days</td></tr> </table> <p>E. Construction of balance Merging structure with structural & architectural work at Kasarwadi Station and Sant Tukaram Station</p>	1	KD-1	15 days	2	KD-2	30 days	3	KD-3	120 days	4	KD-4	210 days	1	KD-1	15 days	2	KD-2	90 days	3	KD-3	120 days	4	KD-4	150 days	<p>A. Construction of balance Civil & PEB works of Entry Exit (EE)-03 at PCMC station</p> <table border="1"> <tr><td>1</td><td>KD-1</td><td>30 days</td></tr> <tr><td>2</td><td>KD-2</td><td>45 days</td></tr> <tr><td>3</td><td>KD-3</td><td>240 days</td></tr> <tr><td>4</td><td>KD-4*</td><td>360 days</td></tr> <tr><td>5</td><td>KD-5</td><td>450 days</td></tr> </table> <p>*KD-4: Completion of flooring & roofing</p> <p>B. Construction of balance civil & Steel works at Bhosari Station Property development (PD) level</p> <table border="1"> <tr><td>1</td><td>KD-1</td><td>30 days</td></tr> <tr><td>2</td><td>KD-2</td><td>120 days</td></tr> <tr><td>3</td><td>KD-3</td><td>150 days</td></tr> <tr><td>4</td><td>KD-4</td><td>180 days</td></tr> </table> <p>E. Construction of balance Merging structure with structural & architectural work at Kasarwadi Station and Sant Tukaram Station</p>	1	KD-1	30 days	2	KD-2	45 days	3	KD-3	240 days	4	KD-4*	360 days	5	KD-5	450 days	1	KD-1	30 days	2	KD-2	120 days	3	KD-3	150 days	4	KD-4	180 days
1	KD-1	15 days																																																						
2	KD-2	30 days																																																						
3	KD-3	120 days																																																						
4	KD-4	210 days																																																						
1	KD-1	15 days																																																						
2	KD-2	90 days																																																						
3	KD-3	120 days																																																						
4	KD-4	150 days																																																						
1	KD-1	30 days																																																						
2	KD-2	45 days																																																						
3	KD-3	240 days																																																						
4	KD-4*	360 days																																																						
5	KD-5	450 days																																																						
1	KD-1	30 days																																																						
2	KD-2	120 days																																																						
3	KD-3	150 days																																																						
4	KD-4	180 days																																																						

1	KD-1	30
2	KD-2	60
3	KD-3	120
4	KD-4	120
5	KD-5	180
6	KD-6	180
7	KD-7	210

K. Construction of civil & PEB works EE-01 at Pune Railway station

1	KD-1	15 days
2	KD-2	60 days
3	KD-3	90 days

L. Construction of civil & PEB works EE-03 at Ruby Hall Clinic station

1	KD-1	15 days
2	KD-2	30 days
3	KD-3	60 days
4	KD-4	90 days
5	KD-5	120 days
6	KD-6	150 days
7	KD-7	180 days

1	KD-1	45
2	KD-2	75
3	KD-3	180
4	KD-4	120
5	KD-5	240
6	KD-6	180
7	KD-7	240

K. Construction of civil & PEB works EE-01 at Pune Railway Station

1	KD-1	45 days
2	KD-2	90 days
3	KD-3	180 days

L. Construction of civil & PEB works EE-03 at Ruby Hall Clinic Station

1	KD-1	45 days
2	KD-2	60 days
3	KD-3	120 days
4	KD-4	180 days
5	KD-5	360 days
6	KD-6	450 days
7	KD-7	730 days

M. Completion of all other miscellaneous work assigned from time to time:

1	KD-1	730 days
---	------	----------

