

NOIDA METRO RAIL CORPORATION

Pre-Bid Clarification

Dated- 07/12/2020

Sub:- Contract NGNC-01: Part Design and Construction of Elevated Viaduct and 5 elevated stations viz NOIDA SEC -122, NOIDA SEC-123, GR. NOIDA SEC-4, ECOTECH-12, GR. NOIDA SEC-2, (excluding Architectural finishing Works and PEB works of stations) from Chainage 0.00m to Chainage 9605m of Noida - Greater Noida Metro Rail Project.

Ref: - E-Tender No NMRC/Civil/NGNC/123R1/2020

Pre -Bid Meeting: -03/12/2020, Noida Metro Rail Corporation (NMRC) Limited, Ganga Shopping Complex, Sector 29,Noida-201301

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
1	Sam (India) Built well Pvt. Ltd.	<u>Vol.3/Employers Requirements/ Appendix2A/ Page -67</u>	To execute the Project timely, Bidder proposed to establish its Camp & Project office at near to the site, So the travel time can be reduces, For that we (Bidder) expect from the Employer that they should have provided the land nearby to the site if available to set up the Project office (Employer & Contractor Both), accommodation for bidder Labour and staff separately.	<u>Vol.3/Employers Requirements/ Appendix2A/ Page -67</u> Works Area The employer will provide the work areas of Approx. 65000 sq.m. within 10 Km radius of work site as per availability for construction of precast elements of viaduct & stations & stacking Depot. In case the land at above-mentioned locations is not available, land at alternate location/locations will be provided within 25 km from site. All the work areas (land for 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.	No change. As per Tender conditions. Proposed Casting Yard Location : Starting Point : 28.600808,77.453555, End Point: 28.586670, 77.463377

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2	Sam (India) Built well Pvt. Ltd.	Vol.7/Geotechnical Report/ cl.10.4/ Page No 24 Vol.4/ODS & OCS/ cl.8.1.3/page146	As per Geotechnical Report, Page No 24, Its mentioned that, Ordinary Portland Cement Shall be used, Clause mentioned below, Since all the locations incorporated in this report does not consist of harmful chemicals, ordinary Portland cement may be used for all civil constructions. However in Design document ODSC page no 146 , Its mentioned that , In Clause 8.1.3 Materials , Cement, If the soil and groundwater conditions are found satisfactory on chemical testing in labs, Portland Slag Cement conforming to IS 455 shall be used in all foundations (including pile cap, open foundations, etc. We hereby request the client to please confirm which type of Cement we (Bidder) shall consider,as it's very important in our working calculations.	<u>Vol.7/Geotechnical Report/cl.10.4 /Page No 24</u> Since all the locations incorporated in this report does not consist of harmful chemicals, ordinary Portland cement may be used for all civil constructions. <u>Vol.4/ODS & OCS/cl.8.1.3/page146</u> Cement: The cement to be used for piling and all foundation work shall be conforming to following Indian Standard Specifications: If the soil and ground water conditions are found satisfactory on chemical testing in labs, Portland Slag Cement conforming to IS 455 shall be used in all foundations (including pile cap, open foundations, etc) + Cement shall be free from lumps and caking. <u>Vol.3/EmployerRequirements-Design /cl.5.2.4(i)/page 41</u> GEOTECHNICAL INTERPRETATIVE REPORT <u>A report including site investigation results and covering the geotechnical interpretation of site investigation work including that undertaken by the Contractor in sufficient detail to confirm and justify parameters used in the foundation and geotechnical designs.</u> The report shall include the full logs and descriptions of confirmatory boreholes drilled by the Contractor	No change. As per Tender conditions.

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3	Sam (India) Built well Pvt. Ltd	Vol.3/Employer Requirement's /cl.2.1.B.1/Page 22	<p>As per Employer Requirement's point 2.1.1.B.1, it states that</p> <p>(ii) Design and construction of all track supporting structural works of station area from substructure to super structure (pile, pile cap, pier, pier cap, U girder/track slab etc) considering the load requirements of other station floors on central piers/track supporting piers.</p> <p>(iii) Structural Design of all station building, additional floors within station premises, Ground, Concourse, Platform, Property development, entry/exit structures, corridor, ancillary building i.e. Underground/surface water tank, Pump room & DG room, Lift shafts, escalator pits, staircases as shown in tender drawings.</p> <p>(iv) Design of Station building and PD areas of station structure including foundations/substructures, all floors of station building, connecting passage, entry/exit structures, staircases, Ancillary building, lift shafts, escalator pits, concourse, platform and floor above platform etc. The design of PD area is based on maximum FAR permissible in the station locations, by the local authorities.</p> <p>As Per Bidder understanding, we understand from the above clause that Structure work of Concourse slab, platform slab and for Additional floors or any structural work other than Viaduct (Track Supporting structural work) will be paid separately under Schedule- B & C of BOQ.</p>	<p><u>Vol.3/Employer Requirement's/cl.2.1.B.1/ Page 22</u></p> <p>(ii) Design and construction of all track supporting structural works of station area from substructure to super structure (pile, pile cap, pier, pier cap, U girder/track slab etc) considering the load requirements of other station floors on central piers/track supporting piers.</p> <p>(iii) Structural Design of all station building, additional floors within station premises, Ground, Concourse, Platform, Property development, entry/exit structures, corridor, ancillary building i.e. Underground/surface water tank, Pump room & DG room, Lift shafts, escalator pits, staircases as shown in tender drawings.</p> <p>(iv) Design of Station building and PD areas of station structure including foundations/substructures, all floors of station building, connecting passage, entry/exit structures, staircases, Ancillary building, lift shafts, escalator pits, concourse, platform and floor above platform etc. The design of PD area is based on maximum FAR permissible in the station locations, by the local authorities.</p>	<p>No change. As per Tender conditions.</p>

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4	Sam (India) Built well Pvt. Ltd	Vol.3/ Employer Requirement's /cl. 2.1. A.1 /Page 20 Vol.3/ Employer Requirement's /cl. 2.1. A.3 /Page 20	<p>Bidder hereby requests the client to please provide the detail of major utilities passing through the viaduct or station area, also explain who will be responsible for taking permission or diverging the HT lines (High tension electric lines) or major utility, if there is any.</p> <p>As, it's mentioned in Volume 3 Employer's Requirement, Point 2.1.A.1 & 2.1.A.3,</p> <p>2.1.A.1 There is possibility of some of the items not getting mentioned in the above list of works of viaduct. Contractors are requested to go through the tender drawings also in details as the works listed in 2.1.A above as well as 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</p>	<p><u>Vol.3/ Employer Requirement's /cl. 2.1. A.1 / Page 20</u></p> <p>2.1. A.1 There is possibility of some of the items not getting mentioned in the above list of works of viaduct. Contractors are requested to go through the tender drawings also in details as the works listed in 2.1.A above as well as 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.</p> <p><u>Vol.3/ Employer Requirement's /cl. 2.1. A.3 /Page 20</u></p> <p>2.1.A.3 The work content against the lump sum component of the work shall also include but not limited to the following: (i) Though Alignment plans (both vertical and horizontal) are provided by the</p>	<p>No change. As per Tender conditions.</p> <p>HT lines will be diverted by concerned Department.</p>

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			<p>course of work.</p> <p>2.1.A.3 - 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 will be encountered at most of the places which will be restored back with</p>	<p>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 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</p>	

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			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		
5	Sam (India) Built well Pvt. Ltd	Vol.3/Employer's Requirement/cl.2.1.B.1,(xiv), (xvi)/Page-23 Vol.3/Employer's Requirement/cl.2.1.B.5/Page-24,25	(xiv) Design & Construction of Man holes, Sumps, drain, buttle flanges, sleeves as required for automation based water supply scheme in Ancillary Building for E&M works & finishing works in coordination with E&M & finishing contractors. (xvi) Foundations for the system equipment (water supply pumps, fire fighting pumps, DG, Panels) in co-ordination with various service/ system contractors/ finishing contractors engaged by NMRC With the above clause Bidder understands that the material of any kind of structural support inserted in foundation like Anchor bolts, Steel plate etc. shall be provided by either the Employer or Concern E & M Contractor. Bidder hereby also likes to mention that E&M contractor works should be awarded within construction period so they can verify the same and confirm the size and position of structural items with in construction period.	<u>Vol.3/Employer's Requirement/cl.2.1.B.1/ Page-23</u> (xiv) Design & Construction of Man holes, Sumps, drain, buttle flanges, sleeves as required for automation based water supply scheme in Ancillary Building for E&M works & finishing works in coordination with E&M & finishing contractor\$. (xvi) Foundations for the system equipment (water supply pumps, firefighting pumps, DG, Panels) in co-ordination with various service/ system contractors/ finishing contractors engaged by NMRC. <u>Vol.3/Employer's Requirement/cl.2.1.B.5/ Page-24,25</u> Inserts/bolts/Supports/Hangers for system contractors & finishing contractor. All system contractor's like OHE, Signalling etc. Structures are excluded from the scope of the work, but civil works required for fixing the structures such as strengthening of structures and providing inserts, bolts, supports, hangers are included. These shall be finalized and provided in co-ordination with the system Contractor & finishing contractor and the Engineer. The	No change. As per Tender conditions.

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				necessary coordination with system contractors, finishing contractor and engineer shall form a part of the work.	
6	Sam (India) Built well Pvt. Ltd		Bidder also understand that we only need to provide the coordination services to the E & M contractor and other contractors till the completion of this contract , If after the completion we are required to provide the coordination services to the E & M works or other contractor the same cost shall be paid separately for such services.	-	No change. As per Tender conditions.
7	Sam (India) Built well Pvt. Ltd	Vol.3 Employer's Requirement/ cl. 2.2.1.3/Page-27 Vol.3 Employer's Requirement/ cl. 2.2.1.3/Page-27	2.2.1.3 Interface with Elevator/escalator contractor (i) Providing Shaft structure (ii) Providing lifting beams at the top of shafts and sumps in pits (iii) Providing Head room structure (iv) Providing lifting hooks at the top of lift shafts and escalator as required. (v) Providing Intermediate support structures for escalators 2.2.1.4 Interface with Traction Power Supply Contractor Civil Contractor shall construct appropriate passages/ trenches, ducts, cable shaft and also keep provision of crossing of various cables in the station along with walls, central column, under the platform in interface with Power Supply Contractor. (i) Civil Contractor shall coordinate with Power Supply Contractor in order to maintain specific Static and Dynamic	<u>Vol.3/Employer's Requirement/cl. 2.2.1.3/ Page-27</u> 2.2.1.3 Interface with Elevator/escalator contractor (i) Providing Shaft structure (ii) Providing lifting beams at the top of shafts and sumps in pits (iii) Providing Head room structure (iv) Providing lifting hooks at the top of lift shafts and escalator as required. (v) Providing Intermediate support structures for escalators <u>Vol.3 Employer's Requirement/Cl. 2.2.1.4/Page-27</u> 2.2.1.4 Interface with Traction Power Supply Contractor Civil Contractor shall construct appropriate	No change. As per Tender conditions. Both providing and placing is in lumpsum scope

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			<p>clearances.</p> <p>(ii) Providing earthing arrangements in viaduct / U Girders, I-Girder, Pier, Pier caps, railing, Pile, Pile cap etc.</p> <p>(iii) Providing Anchors/ U shape bolts for OHE mast on viaduct.</p> <p>(iv) Cable support arrangement for carrying power and control cables on viaduct.</p> <p>(v) Providing opening in viaduct structure for passing cables etc.</p> <p>(vi) Connection of BEC, OPC, ITL etc as necessary to earth plate on parapet, girder, segment, piers etc to hand rail for earthing.</p> <p>(vii) Provision of canopy earthing.</p> <p>(viii) Providing OHE mast/anchors on external parapet at stations.</p> <p>(ix) Providing electrical and mechanical clearances for OHE.</p> <p>(x) Providing earthing connections.</p> <p>(xi) Auxiliary Substations/ASS Rooms.</p> <p>(xii) Providing of opening/ Cut-out in Platform slabs etc for cable entry and cable exit.</p> <p>Bidder hereby requests the client to please clarify the above works scope whether providing & placing both in the lump sum scope or only placing & coordination.</p>	<p>passages/ trenches, ducts, cable shaft and also keep provision of crossing of various cables in the station along with walls, central column, under the platform in interface with Power Supply Contractor.</p> <p>(i) Civil Contractor shall coordinate with Power Supply Contractor in order to maintain specific Static and Dynamic clearances.</p> <p>(ii) Providing earthing arrangements in viaduct / U Girders, I-Girder, Pier, Pier caps, railing, Pile, Pile cap etc.</p> <p>(iii) Providing Anchors/ U shape bolts for OHE mast on viaduct.</p> <p>(iv) Cable support arrangement for carrying power and control cables on viaduct.</p> <p>(v) Providing opening in viaduct structure for passing cables etc.</p> <p>(vi) Connection of BEC, OPC, ITL etc as necessary to earth plate on parapet, girder, segment, piers etc to hand rail for earthing.</p> <p>(vii) Provision of canopy earthing.</p> <p>(viii) Providing OHE mast/anchors on external parapet at stations.</p> <p>(ix) Providing electrical and mechanical clearances for OHE.</p>	

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			Kindly confirm.	(x) Providing earthing connections. (xi) Auxiliary Substations/ASS Rooms. (xii) Providing of opening/ Cut-out in Platform slabs etc for cable entry and cable exit.	
8	Sam (India) Built well Pvt. Ltd	Vol.3/ Employer's Requirement/ cl. 2.10 (iv)/Page-30	Masonry works with Autoclaved aerated cement (AAC) blocks at various level in the structures. The scaffolding/ other arrangements for masonry works, any other works etc. in station, entry/exit structures, corridors, ancillary buildings etc. are included in the lump sum schedule-A of BOQ. Bidder hereby request the client to please clarify the scope of work as only design part is need to be considered or masonry construction work also included in the scope of Lump Sum Schedule – A of BOQ.	<u>Vol.3/ Employer's Requirement/cl. 2.10 (iv)/Page-30</u> Masonry works with Autoclaved aerated cement (AAC) blocks at various level in the structures. The scaffolding/ other arrangements for masonry works, any other works etc. in station, entry/exit structures, corridors, ancillary buildings etc. are included in the lump sum schedule-A of BOQ.	No change. As per Tender conditions.
9	Sam (India) Built well Pvt. Ltd	Vol.3/ Employer's Requirement/ cl.5(iv)/Page-32 Vol 3/ Employer's Requirement/ 2.1.A(i),(xxv)/Page-17, Page-18	As Per Volume 3 Employer's Requirement, Point 5. Clearances, it's mentioned that, Construction limits: (a) The limits of land for the Works are shown in 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, Irrigation Department, Forest Department 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	<u>Vol.3/Employer's Requirement/ cl.5(iv)/ Page-32</u> Construction limits: (a) 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, Irrigation Department, Forest Department etc. In the event that the Contractor, having used its	No change. As per Tender conditions.

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			<p>the Employer will obtain the necessary additional land or the Contractor may be required to redesign the structure as instructed by Engineer</p> <p>Bidder hereby requests the client to please clarify the status for permanent structures, so that accordingly time frame and cost can be calculated.</p>	<p>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</p> <p><u>Vol.3/Employer's Requirement/ 2.1.A(i), (xxv)/Page-17, Page-18</u> <u>2.1.A(i) Detailed survey of alignment for execution of work</u></p> <p><u>2.1.A(xxv) Detailed survey of the alignment for the viaduct, soil investigation, fixing span configuration avoiding shifting of utilities.</u></p>	
10	Sam (India) Built well Pvt. Ltd	Vol 3/ Employer's Requirement/ cl.8(vii)/Operational Requirement/page-33	<p>As Per Volume 3 Employer's Requirement, Point7 DURABILITY AND MAINTENANCE, It's mentioned that</p> <p>(i) The Permanent Works shall be designed and constructed such that, if maintained where length of the drainage is exceptionally long, the pumping system may be considered subject to approval of Employer. Installation of pumps is not in the scope of this contract.</p> <p>Bidder understands that if such conditions occurred the cost incurred shall be paid separately.</p>	<p><u>Vol 3/ Employer's Requirement/ cl.8 (vii) / Operational Requirement/page-33</u></p> <p>OPERATIONAL REQUIREMENTS (vii) Escalator pits shall be designed to enable drainage by gravity flow system. However, where length of the drainage is exceptionally long, the pumping system may be considered subject to approval of Employer. Installation of pumps is not in the scope of this contract.</p>	No change. As per Tender conditions.
11	Sam (India) Built well Pvt. Ltd	Vol.3/Employer's requirement/ cl.2.1.A.3(xiii)/Page-21 Vol.5/Tender Drawings	Bidder hereby requests the client to please clear the doubt of bidder for temporary Barricading height requirement around casting yard and station buildings as in	<p><u>Vol.3/Employer's requirement/ cl.2.1.A.3 (xiii) /Page-21</u></p> <p>(xiii)The contractor shall have to provide</p>	No change. As per Tender conditions.

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			<p>tender documents it's mentioned in Employer's requirement volume 3, NOTES (VIADUCT & STATIONS):-</p> <p>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 Construction Depot, store, site office & casting yard (And in Tender Drawings the height of barricading is 1 meter & 2 meter only). So as per Bidder understanding we understand that only one meter & two meter barricading is required only.</p> <p>But, As per NGT norms, it's necessary to provide 1/3rd of building height or 10 meter high temporary barricading around the construction site.</p> <p>Bidder hereby requests the client to please provide the satisfactory reply for the above doubt so that the same can be considered for costing.</p>	<p>barricading board as per the specification as provided in tender drawing at all the land to be used for Construction Depot, 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.</p> <p>Vol.5/Tender Drawings</p>	
12	Sam (India) Built well Pvt. Ltd		<p>Bidder hereby also like to mentioned and request the client to consider to revise the estimated cost of tender amount as it is on very much lower side,</p> <p>It will kill the time to take necessary approvals / clearances from authorities before awarding, as the estimated cost of tender is approx. 30 – 35% below then the ongoing construction projects of DMRC in NCR, Hence bidder request the client to consider on the same and revise the estimated cost to avoid further delay.</p>		<p>No change. As per Tender conditions.</p>

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13	Sam (India) Built well Pvt. Ltd	Vol.3/Employer's requirement/ cl.2.1.A(v),(ix)/Page-17	Please clarify is it mandatory to follow the obligatory span arrangements and type & pier positions as per tender drawings Revised R1 or Bidder can change as per the actual site conditions.	<p><u>Vol.3/Employer's requirement/ cl.2.1.A(v),(ix)/ Page-17</u></p> <p>2.1.A (v) Design, construction & erection of special spans over Hindon river (if required). 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 (i.e. span more than 37 m) as per the site conditions/ NMRC or civic requirement, which is also included in lum-sum price.</p> <p>2.1.A(ix) Standard spans for viaduct shall be 27 m Twin U-Girder Spans except obligatory spans/ special spans shown in GAD, However, in case of sharper radius, the span configuration shall be as per tender drawing and wide U-Girder may have to be used without any extra cost. The Span arrangements of Viaduct & viaducts in station have to be decided in such a way that pier locations do not disturb the road geometry, ROW, clear carriage width of roads, flow of nallah, utilities and traffic flow. The max. Cantilever permissible is 2.5m.</p>	No change. As per Tender conditions.
14	Sam (India) Built well Pvt. Ltd	VOL.5/Tender Drawings	Tender Drawing GAD of pier arrangement has been provided and it is design and construction contract . It is requested to	Vol..5/Tender Drawings	No change. As per Tender conditions

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			allow that in tender stage contractors can modify minor alignment stage and accordingly portal arrangement with modified span length.		
15	Sam (India) Built well Pvt. Ltd	Vol. 3/ Employer's Requirements /cl.5.(iv)(a)/Page-32	Bidder hereby requests to please clarify the Minimum right of way that will be provided to the contractor during construction of viaduct and station respectively.	<p><u>Vol. 3/ Employer's Requirements /cl.5.(iv)(a)/ Page-32</u></p> <p>(a) 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, Irrigation Department, Forest Department 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</p> <p>(b) The limits of land as shown in the right of way survey drawings may undergo changes after final survey and the Contractor shall make any adjustments necessary to the design to acknowledge the changes to the limits as then defined.</p>	No change. As per Tender conditions

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16	Sam (India) Built well Pvt. Ltd	Vol.3/Employers Requirement/ cl2.8/Page-29	Bidder hereby requests the client to please provide the detail of maximum lead of disposal or dumping yard, also its nowhere mention that the dumping yard area shall be provided by NMRC or bidder has to arrange itself. Please clarify.	<u>Vol .3/Employers Requirement/cl2.8/Page-29</u> C&D Waste generated from construction depot, viaduct, station during construction to be transported to NMRC/any other processing plant only within 30 km lead from the site and cost of the same is also included in lump sum cost of schedule A.	No change. As per Tender conditions
17	Sam (India) Built well Pvt. Ltd	Vol.2/GCC/cl.4.2.1(i)/Page-18	Bidder hereby likes to mention that on account of slowdown in economy due to COVID-19 global pandemic, there is acute financial crunch among commercial entities and Contractors which is affecting timely execution of contracts. It has also been represented that this may affect the ability of contractors to bid in tenders. On respecting that, Govt. of India, Ministry of Finance has considered the present slowdown in economy and has decided to reduce the Performance Security from 5-10% to 3% of value of contract for all existing contracts and has issued the instructions vide notification Govt. of India, Ministry of finance vide OM No F.9/4/2020-PPD dated 12-11-2020 referred above (Copy of circular attached with this Queries as Attachment - 1). Bidder hereby strongly requests the employer to kindly reduce the performance guarantee from 10 % to 3% as directed in order of Govt. of	<u>Vol.2/GCC/cl.4.2.1(i)/Page-18</u> - (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	No change. As per Tender conditions If any change approved by NMRC, necessary adjustment will be made at a later date.

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
			India, Ministry of Finance.		
18	GR Infra Projects	Vol.3/ Employer's requirement / Appendix 2A /Page-67	Kindly confirm, whether casting yard land will be made available within the radius of 10KM or 25 KM from the stretch.	<p><u>Vol.3/ Employer's requirement / Appendix 2A /Page-67</u></p> <p>The employer will provide the work areas of Approx. 65000 sq.m. within 10 Km radius of work site as per availability for construction of precast elements of viaduct & stations & stacking Depot. In case the land at above-mentioned locations is not available, land at alternate location/locations will be provided within 25 km from site. All the work areas (land for 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.</p>	<p>No change. As per Tender conditions.</p> <p>Proposed Casting Yard Location : Starting Point : 28.600808,77.453555, End Point: 28.586670, 77.463377</p>
19	GR Infra Projects	Vol.3/ Employer's requirement / Appendix 2A /Page-67	Please share exact location of the casting yard land area.	<p><u>Vol.3/ Employer's requirement / Appendix 2A /Page-67</u></p> <p>The employer will provide the work areas of Approx. 65000 sq.m. within 10 Km radius of work site as per availability for construction of precast elements of viaduct & stations & stacking Depot. In case the land at above-mentioned locations is not available, land at alternate location/locations will be provided within 25 km from site. All the work areas (land for 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.</p>	<p>No change. As per Tender conditions.</p> <p>Proposed Casting Yard Location : Starting Point : 28.600808,77.453555, End Point: 28.586670, 77.463377</p>

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
20	GR Infra Projects	Vol.4/ODS & OCS/ cl.8.1.3/page146	We are assuming that the soil and water condition are free from any harmful chemicals as per the para 10.4 of Geotechnical investigation report attached with the tender document. In case of any change in the water and soil condition during the construction, will there be compensation for change in type of cement? Kindly confirm.	<p><u>Vol.4/ODS & OCS/ cl.8.1.3/page146</u></p> <p>ii) Cement: The cement to be used for piling and all foundation work shall be conforming to following Indian Standard Specifications: If the soil and ground water conditions are found satisfactory on chemical testing in labs, Portland Slag Cement conforming to IS 455 shall be used in all foundations (including pile cap, open foundations, etc) Cement shall be free from lumps and caking</p> <p><u>Vol.3/Employer Requirements-Design /cl.5.2.4(i)/page 41</u></p> <p>GEOTECHNICAL INTERPRETATIVE REPORT <u>A report including site investigation results and covering the geotechnical interpretation of site investigation work including that undertaken by the Contractor in sufficient detail to confirm and justify parameters used in the foundation and geotechnical designs.</u> The report shall include the full logs and descriptions of confirmatory boreholes drilled by the Contractor</p>	No change. As per Tender conditions.
21	GR Infra Projects	Vol.3/ Employer Requirement's /cl. 2.1. A.1/ Page 20	Kindly provide details of underground, at ground and overhead utilities which may require to be either temporary supported or relocated to facilitate the construction activity of Viaduct and Stations for the complete alignment.	<p><u>Vol.3/ Employer Requirement's /cl. 2.1.A.1/ Page 20</u></p> <p>There is possibility of some of the items not getting mentioned in the above list of works of viaduct. Contractors are requested to go through the tender drawings also in details as the works listed in 2.1.A above as well as 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</p>	<p>No change. As per Tender conditions.</p> <p>However major list of Utilities identified is enclosed as Annexure-A</p>

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				<p>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.</p> <p><u>Vol.3/ Employer Requirement's /cl. 2.10/ Page 31</u></p> <p><u>Contractor should make his own survey for identification of underground/above ground utilities.</u></p>	
22	GR Infra Projects	Vol.3/ Employer Requirement's /cl. 2.1. A.3/ Page 20	Kindly confirm/clarify that, which agency/authority will be responsible for obtaining the necessary permission from the concerned department for utilities relocation/diversion.	<p><u>Vol.3/ Employer Requirement's /cl.2.1.A.3/ Page 20</u></p> <p>The work content against the lump sum component of the work shall also include but not limited to the following: (i) 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</p>	<p>Contractor will be responsible for obtaining the approvals from concerned Utility owning agencies for shifting of Utilities.</p> <p>NMRC will facilitate in the utility shifting approval process.</p>

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				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 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	
23	GR Infra Projects	Vol.3/ Employer Requirement's /cl. 2.1. A.3/ Page 20	Kindly clarify, whether temporary diversion to be done for any utility(s) to facilitate the construction activities at viaduct and station area will be part of the Schedule C3 or Schedule E.	<p><u>Vol.3/ Employer Requirement's /cl.2.1.A.3/ Page 20</u></p> <p>The work content against the lump sum component of the work shall also include but not limited to the following:</p> <p>(i) 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</p>	No change. As per Tender conditions.

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				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. <u>All temporary diversion of any utilities done to facilitate the construction activity shall also be the part of the lump sum quoted price.</u> 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	
24	GR Infra Projects	Vol.3/ Employer Requirement's /cl. 2.1. A.3/ Page 20	Kindly confirm, whether the cost of utility diversion encountered for viaduct as well as station area will be paid separately to the contractor as per Schedule C3 and Schedule E.	<p><u>Vol.3/ Employer Requirement's /cl.2.1.A.3/ Page 20</u></p> <p>The work content against the lump sum component of the work shall also include but not limited to the following:</p> <p>(i) 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</p>	No change. As per Tender conditions

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				locations to save the utility(s) or to meet out the obligatory requirements within the accepted price. <u>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.</u> 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 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	
25	GR Infra Projects	Vol.3/ Employer Requirement's /cl. 2.1. A.3/ Page 20	Please clarify, under which schedule the temporary diversions of utilities to facilitate the construction activities in the station and viaduct will be paid ?	<p><u>Vol.3/ Employer Requirement's /cl.2.1.A.3/ Page 20</u></p> <p>The work content against the lump sum component of the work shall also include but not limited to the following:</p> <p>(i) 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</p>	<p>No change. As per Tender conditions</p> <p>All temporary diversion of any utilities done to facilitate the construction activity shall also be the part of the lump sum quoted price</p>

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				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. <u>All temporary diversion of any utilities done to facilitate the construction activity shall also be the part of the lump sum quoted price.</u> 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	
26	GR Infra Projects	Vol.3/ Employer Requirement's /cl. 2.1. A.3/ Page 20	<p>Please clarify, which agency will be responsible for the diversion of electrical lines and HT lines infringing the construction?</p> <p>Also in case, such activities done by the contractor, how the payment will be made to him?</p>	<p><u>Vol.3/ Employer Requirement's /cl.2.1.A.3/ Page 20</u></p> <p>The work content against the lump sum component of the work shall also include but not limited to the following:</p> <p>(i) 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</p>	<p>Utility owning agency will be responsible for shifting of the Electrical Line and HT lines.</p> <p>NMRC will assist in expediting the work</p>

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				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 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	
27	GR Infra Projects	Vol.3/ Employer's Requirement/cl. 2.10 (iv)/Page-30	The activity mentioned in ER Cl 2.10 (iv), page 30 is the part of station works, which should be covered under schedule B of BOQ, however it is mentioned in the clause 2.1(IV) that these are included in the Lump sum Schedule A of BOQ. Please confirm.	<u>Vol.3/ Employer's Requirement/cl. 2.10 (iv)/Page-30</u> Masonry works with Autoclaved aerated cement (AAC) blocks at various level in the structures. <u>The scaffolding/ other arrangements for masonry works, any other works etc. in station, entry/exit structures, corridors, ancillary buildings etc. are included in the lump sum schedule-A of BOQ.</u>	No change. As per Tender conditions The scaffolding/ other arrangements for masonry works, any other works etc. in station, entry/exit structures, corridors, ancillary buildings etc. are included in the lump sum schedule-A of BOQ
28	GR Infra Projects	Vol.6/BOQ/Page-33	As per the scope of the work the contractor envisaged that roughly 22,000 meter of 2 meter height temporary barricading for viaduct, station and casting yard will be required whereas BOQ item 6 under Schedule D has the provision of 10,714	<u>Vol.6/BOQ/Page-33</u> Providing 2.0 mt high temporary barricade and arrangement of traffic diversion such as traffic signals during construction at site, for day and night as per requirement and drawings. During	No change. As per Tender conditions

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
			meter only. Please clarify.	construction barricading and arrangement of traffic diversion has to be kept continuously and maintained properly till the completion of all the activities. Local shifting of barricading along with all accesseries including indicators, illuminators & delinators etc at a particular station may be required during execution and may require for traffic management. Nothing shall be paid extra for this local shifting.	
29	GR Infra Projects	Vol.1/ITT/Annexure 2 sr.7/Page-43	The provision stated under said reference in the tender document is not cleraly understood. Please elaborate.	<u>Vol.1/ITT/Annexure 2 sr.7/Page-43</u> The Tenderer shall prepare logic diagrams providing the philosophy for shared access, shared areas with co-incident and adjacent work areas and submitted as part of his Tender. These logic diagrams shall be developed and submitted along with the Works Programmes as submitted during the course of the Works.	These are for interface works to be executed in a systematic manner under shared work space.
30	GR Infra Projects	Vol .2/GCC/cl2.2/Access to and Possession of the Site /Page-14 & 15	Since Employer shall grant the Contractor right of access to, and / or possession....., therefore, request to make provision for appropriate cost compensation along with time extenstion in the contract. Please confirm.	<u>Vol .2/GCC/cl2.2/Access to and Possession of the Site /Page-14 & 15</u> 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. The Contractor will draw/modify the schedule for completion of Works according to progressive possession/right of such sites. If the Contractor suffers delay from failure on the part of the Employer to grant right of access to, or possession of the Site, the Contractor shall give notice to the Engineer in a period of 28 days of such occurrence. After receipt of such notice, the Engineer shall proceed to determine any extension of time to which the Contractor is entitled and shall notify the Contractor	No change. As per Tender conditions

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				<p>accordingly.</p> <p>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.</p>	
31	GR Infra Projects	Vol .2/GCC/cl2.2/Access to and Possession of the Site /Page-14 & 15	<p>As per the clause 2.2, employer shall provide the possession of site to the contractor progressively for the completion of works.</p> <p>Please provide the land handing over schedule, as it has nowhere mentioned in the tender document.</p>	<p><u>Vol .2/GCC/cl2.2/Access to and Possession of the Site /Page-14 & 15</u></p> <p>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. The Contractor will draw/modify the schedule for completion of Works according to progressive possession/right of such sites.</p> <p>If the Contractor suffers delay from failure on the part of the Employer to grant right of access to, or possession of the Site, the Contractor shall give notice to the Engineer in a period of 28 days of such occurrence. After receipt of such notice, the Engineer shall proceed to determine any extension of time to which the Contractor is entitled and shall notify the Contractor accordingly.</p> <p>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.</p>	<p>No change.</p> <p>As per Tender conditions</p>





S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
32	GR Infra Projects	Vol.3/Employers Requirement/ cl.2.1(v)/ Page-30	Please confirm, whether the permission for cutting the tree has already been obtained by the NMRC?	<u>Vol.3/Employers Requirement/ cl.2.1(v)/ Page-30</u> Tree cutting and (or) transplantation along the alignment after getting permission from forest department/nodal agency	No change. As per Tender conditions The process of Tree shifting is in progress
33	GR Infra Projects	Vol.3/Employers Requirement/ cl.2.1(v)/ Page-30	Please specify the location of land where trees shall be transplanted.	<u>Vol.3/Employers Requirement/ cl.2.1(v)/ Page-30</u> Tree cutting and (or) transplantation along the alignment after getting permission from forest department/nodal agency.	The desired information will be shared post award of works.
34	GR Infra Projects	Vol .3/ Employers Requirement/ cl.2.1.A(6)/ Page-20	Please provide the specific location/chainage where such problem is envisaged by NMRC.	<u>Vol .3/ Employers Requirement/ cl.2.1.A(6)/ Page-20</u> In some stretches placing of heavy cranes for erection of U-girders is not possible and U – Girder launcher is to be used in such locations. Launcher and cranes are to be used for erection depending upon site conditions. <u>Vol .3/ Employers Requirement/ cl.2.1.A/ Page-17,18</u> i. <u>Detailed survey of alignment for execution of work</u> xxv. <u>Detailed survey of the alignment for the viaduct</u> , soil investigation, fixing span configuration avoiding shifting of utilities.	No change. As per Tender conditions
35	GR Infra Projects	Vol.5/Tender Drawings	Some of drawings listed below are not legible. Drawing No- NGNDD-01-LKT-NMRC-ST-03-CP-ST-3005 NGNDD-01-LKT-NMRC-ST-03-CP-ST-3006	Vol.5/Tender Drawings	No change. As per Tender conditions

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
			NGNDD-01-LKT-NMRC-ST-03-CP-ST-3007 NGNDD-01-LKT-NMRC-ST-03-CP-ST-3008 NGNDD-01-LKT-NMRC-ST-03-CP-ST-3009 NGNDD-01-LKT-NMRC-ST-03-CP-ST-MISC-4002 NGNDD-01-LKT-NMRC-ST-03-CP-ST-MISC-4003 NGNDD-01-LKT-NMRC-ST-03-CP-ST-MISC-4006 Please provide legible drawings for better understaing.		
36	GR Infra Projects	Vol.5/Tender Drawings	NGNDD-01-LKT-NMRC-ST-XX-TD-GR-AR-1001,1002,1003,1004,1005,1006,1007 There is no clarity in drawings for column details as well as type of superstructure i.e U/ π / I / T Girder at stations Please provide detail drawings for station.	Vol.5/Tender Drawings <u>Vol .3/ Employers Requirement/ cl.2.1.B/ Page-22</u> 2.1.B SCOPE OF WORK UNDER LUMP SUM PRICE - STATIONS i. Detailed survey of stations for execution of work. ii. <u>Design and construction of all track supporting structural works of station area from substructure to super structure (pile, pile cap, pier, pier cap, U girder/track slab etc)</u> considering the load requirements of other station floors on central piers/track supporting piers. iii. <u>Structural Design of all station building,</u> additional floors within station premises, Ground, Concourse, Platform, Property development, entry/exit structures, corridor, ancillary building i.e. Underground/surface water tank,	No change. As per Tender conditions Preferably U Girder

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				<p>Pump room & DG room, Lift shafts, escalator pits, staircases as shown in tender drawings.</p> <p>iv. Design of Station building and PD areas of station structure including foundations/substructures, all floors of station building, connecting passage, entry/exit structures, staircases, Ancillary building, lift shafts, escalator pits, concourse, platform and floor above platform etc. The design of PD area is based on maximum FAR permissible in the station locations, by the local authorities.</p>	
37	GR Infra Projects	Vol .6/ BOQ/ Schedule-B3/Item no.1/Page-14	BOQ item at Sr. No. 1 of Schedule B3 of TMT reinforcement steel states that one coat of cement slurry inhibitor solution is to be provided over reinforcement of station buildings. However, in our our understanding in Noida area, there is no need of such item. Please clarify.	<p><u>Vol .6/ BOQ/ Schedule-B3/Item no.1/Page-14</u></p> <p>Providing TMT reinforcement steel of Fe-500 grade, from approved list of supplier, including straightening, cutting, bending, tying, lap/butt welding, placing, binding with GI binding wire 18 SWG in all structural heights and depths complete as per drawings, specifications and directions of Engineer. The scope of work will also include application of one coat of cement slurry inhibitor solution as per manufacturer's instruction approved by the Engineer-in-charge. (1kg cement with 600cc inhibitor solution, petent no. 109784/67)</p>	No change. As per Tender conditions
38	GR Infra Projects	Vol.3/Employer's Requirement/ Appendix 2B(KD 10) / Page-68	As per the NIT Clause 1.1.2, Completion period of the work is 24 months, whereas as per KD 10 completion of entire works as per the Contract is 20 months. Request you	<p><u>Vol.3/Employer's Requirement/ Appendix 2B(KD 10)/ Page-68</u></p> <p>KD 10 Completion of entire works as per the</p>	Corrected Key date KD 10 enclosed as Addendum-1 (page

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
			to kindly modify the same to 24 months.	Contract - 20 Months	68R of Appendix 2B of Employer Requirements)
39	GR Infra Projects	Vol.2/SCC/Cl.19/Sub Cl. 11.1.3 /Price Variation / Page-13 & 14	Here the Indices applicable are linked to the previous month in which tender was opened. As per Clause 11.1.3 of pg 14 of 25 , Kindly clarify that "tender was opened" referred to Financial Opening or Technical Opening (Opening of Bid).	<u>Vol.2/SCC/Cl.19/Sub Cl. 11.1.3 /Price Variation / Page-13&14</u> Price Variation: For Base Date Indices applicable will be Previous Month in which the Tender was opened.	Technical Bid Opening Date No change. As per Tender conditions
40	SADBHAV ENGINEERING LIMITED	Vol.1/NIT/cl.1.1.3.1(v)a/Page-4 Vol.1/NIT/cl. 2.1(e)/Page-13	The clause 1.13.1 v(a) of NIT stipulates that - NMRC/ Any Other Metro Organisation (100% owned by Govt.)/ Ministry of Housing & Urban Affairs/ Order of Ministry of Commerce, applicable for all Ministries must not have banned business with the tenderer as on the date of tender submission. The tenderer should submit undertaking to this effect in Appendix-19 of Form of Tender. Also appendix 19 of FOT wants a clear undertaking from the bidder that We do hereby undertake that NMRC/ Any Other Metro Organization (100% owned by Govt.)/ Ministry of Housing & Urban Affairs/ Order of Ministry of Commerce, applicable for all Ministries has not banned business with us as on the date of tender submission. Also any work of the value more than 10% of NIT cost of work, executed individually , has not been rescinded/ terminated by NMRC/ Any Other Metro Organization (100% owned by Govt.) after award of contract to us during last 3 years (from the last day of the previous month of tender submission) due to our non-performance.	<u>Vol.1/NIT/cl.1.1.3.1(v)a/Page-4</u> 1.1.3.1 v(a) NMRC/ Any Other Metro Organisation (100% owned by Govt.)/ Ministry of Housing & Urban Affairs/ Order of Ministry of Commerce, applicable for all Ministries must not have banned business with the tenderer as on the date of tender submission. . The tenderer should submit undertaking to this effect in Appendix-19 of Form of Tender. <u>Vol.1/NIT/cl. 2.1(e)/Page-13</u> 2.1 (e) Any entity which has been barred by the Central/State Government in India or by any entity controlled by them, from participating in any project, and the bar subsists as on the date of Bid, would not be eligible to submit an e - Bid.	No change. As per Tender conditions

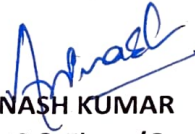
S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
			<p>Also clause 2.1 (e) of NIT under General Instructions states that Any entity which has been barred by the Central/State Government in India or by any entity controlled by them, from participating in any project, and the bar subsists as on the date of Bid, would not be eligible to submit an e - Bid.</p> <p>We strongly feel that clauses mentioned in para 1 above is quite rational and all Metro organisations of the country are presently using this clause for Eligibility determination. However the clause 2.1(e) mentioned in para 2 above is over ambitious and should not be used in such large value tenders. As all large infrastructure construction companies are diversified and operate into various kinds of other works which have no relation to Metro or Infra construction, such as mining, transportation etc</p> <p>Well understanding the above scenario, the most of the Metro organisations of our country such as DMRC, Gujarat Metro, MMRDA etc are no longer using clause mentioned in para2 but are only using clauses in para 1 above for Eligibility Criteria of bidders in viaduct and stations civil works tender packages and this is converting to larger participation of bidders.</p> <p>The fair large participation of eligible bidders will certainly serve NMRC's interest better.</p> <p>In light of above it is requested to amend the eligibility criteria by deleting the</p>		

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			applicability of clause 2.1(e) General Instruction of NIT.		

Note: Addendum issued for Employer Requirements- Appendices pages 68 and uploaded as 68 R.



V.V. REDDY
DGM/Civil



AVINASH KUMAR
DGM/RS & Elect./Ops.



RAJAN PRAKASH
DGM/Finance

Please Note – The above clarifications shall supersede to all the respective provision in the tender documents.

Annexure-A**Details of Utilities infringing the proposed Metro Alignment between Sec-51 to Sec-2 Greater Noida**

S.No.	Chainage	Description of Utility	Remarks
1	400	HT Line	
2	434	FOOT OVER BRIDGE (UNDER CONSTRUCTION)	
3	1227	FOOT OVER BRIDGE	
4	1328	DRAIN	
5	1350	FOOT OVER BRIDGE	
6	3373	HT Line	
7	4900	HINDON RIVER	
8	9230	DRAIN	

In Addition to the above, following is the list of under ground utilities along / parallel to the proposed Alignment

a	Gas line of Indraprastha Gas Limited	
b	11kV & 33 kV Electric Line of UPPCL	
c	11kV & 33kV Line of Noida Power Co. Ltd. (after Hindon river crossing)	
d	HT Line of UPPTCL	
e	Water line of Ganga Water	
f	Sewer Line of GNIDA(1200 dia & 2m depth)	
g	OFC of Vodafone/Idea, Airtel & Reliance	