

NOIDA METRO RAIL CORPORATION

Pre-Bid Clarification

E-Tender No: NMRC/CIVIL/DDC/106/2020

Dated: 18/02/2020

Pre Bid Meeting: February 18, 2020 at the Conference Room, 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	Tata Consulting Engineers Ltd	PART I Page 26/ Section D7.7.1 - ELEVATED STRUCTURES	Kindly confirm if the Twin C Girder referred is a patented design? If we request NMRC to provide the fees to be considered towards any royalty/licence fee to all the bidders so that all bidders are at par. If the firm holding the licence fee is one of the participants in this tender, then obtaining the correct fees will be difficult.	Viaducts and bridges form the predominant components of the NMRC'S on the Rail Corridor. The form, dimensions and design requires special consideration to resolve structural suitability, economy and aesthetics concerns. Viaducts for the corridor shall be generally twin C girder system, having all the required support system for cabling, OHE and the railway tracks, is the economical solution under normal circumstances. Consideration shall be given to include in the design the following requirements: ☐ Long welded rails with track centres at 4.60m and suitable for kinematic profile of Standard Gauge schedule of dimensions of NMRC. ☐ The track shall be ballastless construction on the elevated segments	In case tenderer intends to use any patented design of any firm/agency, requisite license as per rule may be obtained.
2	Tata Consulting Engineers Ltd	NIT, Page 5 / 1.1.3.2 A	We request you to waive-out this criteria of each substantial partner having completed at least one DDC work of viaduct and / or station if the Lead Partner is already meeting this criteria. If the Consortium is able to jointly meet this criteria, it should suffice.	Each substantial partner should have completed at least one DDC work of Viaduct and / or Station of value INR 2.20 crores or more.	As per Addendum page 5R of NIT issued.
3	Tata Consulting	GCC, Page	We request you to consider	Currency of Payment:	No change- As per RFP conditions

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Sd/-
M. N. Pandey

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RFP for Engagement of Detailed Design Consultant (DDC) for Civil, Architectural and E & M Works of Noida-Greater Noida Metro Corridor from Sector – 51 Noida to Greater Noida Sector – 2, Consisting of 9.605 Km Viaduct including 5 Elevated Stations

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
	Engineers Ltd	6/Clause 23.	payments in foreign currency also considering international participation.	All payments shall be made in Indian Rupees.	
4	Tata Consulting Engineers Ltd	NIT, 1.1.2 Key Details	We request you to extend the deadline for submission of proposal by further two weeks from receipt of pre bid response so as to enable bidders to take into consideration the minutes of pre-bid meet by providing adequate time and submit a comprehensive proposal.	Date & time of Submission of Tender 19.02.2020, 1700 hrs (IST)	Date & time of Submission of Tender 4.03.2020, 1700 hrs (IST) As per Addendum page 3 R of NIT issued.
5	STUP Consultants Pvt Ltd	1.1.3.2 A, Minimum Eligibility Criteria PAGE 5	If Party "A" having experience in Viaduct Portion & Party "B" having experience in Station Portion then allow their A+B joint venture together to qualify	The tenderers will be qualified only if they have completed work(s) during last seven years ending 31.12.2019 as given below: At least one work of DDC (Detail Design Consultant) of Viaduct (of at least 10 km length) and Stations (5 nos.) for Metro Rail / Light Rail / Railway of value INR 2.20 crores or more.	As per Addendum page 5R of NIT issued.
6	STUP Consultants Pvt Ltd	1.1.3.2 Minimum Eligibility Criteria, PAGE 5	same as above above but length 10 km can be reduced as well as no of stn can be reduced	At least one work of DDC (Detail Design Consultant) of Viaduct (of at least 10 km length) and Stations (5 nos.) for Metro Rail / Light Rail / Railway of value INR 2.20 crores or more. OR Two works of DDC (Detail Design Consultant) of Viaduct (of total length at least 10 km) and total 5 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.38 crores or more.	At least one work of DDC (Detail Design Consultant) of Viaduct (of at least 7.7 km length) and Stations (4 nos.) for Metro Rail / Light Rail / Railway of value INR 2.20 crores or more. OR Two works of DDC (Detail Design Consultant) of Viaduct (of total length at least 7.7 km) and total 4 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.38 crores or more. As per Addendum page 5R of NIT issued.
7	STUP Consultants	1.1.3.2 A, Minimum	same as point above but	At least one work of DDC (Detail Design	At least one work of DDC (Detail

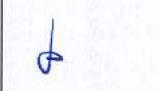
S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
	Pvt Ltd	Eligibility Criteria, PAGE 5	length 10 km can be reduced as well as no of stn can be reduced	Consultant) of Viaduct (of at least 10 km length) and Stations (5 nos.) for Metro Rail / Light Rail / Railway of value INR 2.20 crores or more. OR Three works of DDC (Detail Design Consultant) of Viaduct (of total length at least 10 km) and total 5 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.10 crores or more.	Design Consultant) of Viaduct (of at least 7.7 km length) and Stations (4 nos.) for Metro Rail / Light Rail / Railway of value INR 2.20 crores or more. OR Three works of DDC (Detail Design Consultant) of Viaduct (of total length at least 7.7 km) and total 4 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.10 crores or more As per Addendum page 5R of NIT issued.
8	STUP Consultants Pvt Ltd	1.1.3.2A Minimum Eligibility Criteria, PAGE 6	Value of successfully completed portion of any ongoing work up to 31.12.2019 will also be considered for qualification of work experience criteria. Substantially completed on going project should be allowed	Value of successfully completed portion of any ongoing work up to 31.12.2019 will also be considered for qualification of work experience criteria.	No change- As per RFP conditions
9	ENIA Design	Volume-I, NIT, 1.1.2, PAGE 3 ITT, 4.5e, page 12.	Kindly allow for bank guarantee as a form of EMC/Tender Security.	The successful Bidder's e-Bid EMD will be adjusted with Performance Bank Guarantee, if applicable, to be submitted by the Bidder upon signing the contract.	No change- As per RFP conditions
10	ENIA Design	Volume-I, NIT, 1.1.2, PAGE 3	The last date of submission of tender shall be 4 weeks after the issuance of clarifications to prebid queries.	Date & time of Submission of Tender 19.02.2020, 1700 hrs (IST)	Date & time of Submission of Tender 4.03.2020, 1700 hrs (IST) As per Addendum page 3 R of NIT issued.
11	ENIA Design	Volume-I, NIT, 1.1.3.1 ii (a), PAGE 4	A Subsidiary Company, registered/ incorporated in India, shall be allowed to participate by using the	A non-Indian firm is permitted to tender only in a joint venture or consortium agreement either with an Indian firm having minimum participation interest of 26% or their wholly	No change- As per RFP conditions

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12	ENIA Design	Volume-I, NIT, 1.1.3.2A, PAGE 4	financial and technical credentials of their parent/holding company having not less than 90% share in the subsidiary company Kindly allow ongoing projects with fees received of more than 5 crores having 5 or more stations in a single contract shall be allowed as eligible	owned Indian subsidiary registered in India under Companies Act-1956 with minimum 26% participation. A. Work Experience: The tenderers will be qualified only if they have completed work(s) during last seven years ending 31.12.2019 as given below: At least one work of DDC (Detail Design Consultant) of Viaduct (of at least 10 km length) and Stations (5 nos.) for Metro Rail / Light Rail / Railway of value INR 2.20 crores or more. If the above work of INR 2.20 crores has been done by the foreign partner of JV and the work was done in the country of the foreign partner then in addition to this, the foreign partner must have done works equal to INR 2.20 crores outside the country of the foreign partner. OR Two works of DDC (Detail Design Consultant) of Viaduct (of total length at least 10 km) and total 5 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.38 crores or more. If the above two works each of INR 1.38 crores has been done by the foreign partner of JV and the work was done in the country of the foreign partner then in addition to this, the foreign partner must have done works equal to INR 1.38 crores outside the country of the foreign partner. OR Three works of DDC (Detail Design Consultant) of Viaduct (of total length at least 10 km) and total 5 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.10 crores or	No change-As per RFP conditions. For ongoing projects certificate from client organisation specifying work completed ,may be reviewed and considered.

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				more. If the above three works each of INR 1.10 crores has been done by the foreign partner of JV and the work was done in the country of the foreign partner then in addition to this, the foreign partner must have done works equal to INR 1.10 crores outside the country of the foreign partner.	
13	ENIA Design	Volume-1, ITT - 2.2.2 PAGE 10	Request you to kindly allow DDC to work from their existing office in Delhi/NCR and DDC will attend to meetings, site visits as and when required.	The DDC shall establish an office within the premises allotted by NMRC and deploy required staff & facilities therein in consultation with NMRC. The NMRC will provide an unfurnished bare office space equal to 50 sqm (approx.) without any cost to DDC at a mutually convenient place.	No change- As per RFP conditions
14	ENIA Design	Volume – 2 Scope of Work CLAUSE 3.23 PAGE 40	Approximate area of property development and number of such developments shall be specified.	Property Developments: Conceptual designs of property developments along with the railway designs shall be prepared by the DDC. The property developments will occur at the stations as identified by NMRC. Continuous MRTS functions must be accommodated in all aspects. Operations and maintenance must not be compromised by construction or operation of joint development projects. Conversely, the property development project must also operate independently with minimal or no impact from the operation of the MRTS. The schemes shall be designed taking into account the building rules and regulations of all statutory bodies.	As per maximum permissible FAR







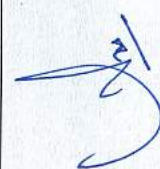
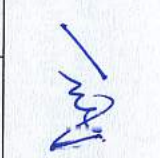
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15	RITES LIMITED	Clause 8.0 of ITT and 3.2 of GCC, pg 22	The performance guarantee in CPWD tender guidelines is 5%. This requirement may be reviewed.	The Performance Guarantee will be 10% of the Contract Price. The Performance Security shall be furnished to the Employer within 30 (thirty) days of receipt of the Letter of Acceptance.	No change- As per RFP conditions
16	RITES LIMITED	Clause 36 of GCC	Clause 36 of GCC mentions that the DDC shall effect and maintain professional indemnity insurance with AOA limit in INR equal to contract value. Appendix- 1, SI. No page-5 mentions that PII AOA to be twice of contract value. Please clarify.	The DDC shall effect and maintain professional Indemnity Insurance(PII) with AOA (any one accident) limit in INR equal to contract value in respect to all works covered under scope of work to be carried out by, or on behalf of them with AOY (any one year) limit of two incidents in a year. PII Policy shall be obtained within four weeks from 'date of commencement' and before any payment is released to DDC. The insurance which shall ensure the DDC's liability by reason of professional negligence and errors in respect of all works covered under scope of work, shall be valid from the date of commencement of works, until two years after commissioning of work. It is a deemed accepted condition of contract that the DDC indemnifies and save harmless NMRC from and against all claims and proceedings on account of infringements of patents rights, design, trademark name etc.	Clause 36 of GCC will prevail. Corrected and As per Addendum issued for FOT Appendix (page 5R of FOT)
17	RITES LIMITED	Clause 1.1.3.2, A) Minimum Eligibility Criteria	Following modifications/amendments are proposed in Clause 1.1.3.2, A) of NIT:- 1. In case of minimum eligibility criteria for work experience of one/two/three works of via-duct, the stipulated length of via-duct is same i.e 10km. The length of via duct may be reduced. 2. The work of proof checking in structural designs of via-	A. Work Experience: The tenderers will be qualified only if they have completed work(s) during last seven years ending 31.12.2019 as given below: At least one work of DDC (Detail Design Consultant) of Viaduct (of at least 10 km length) and Stations (5 nos.) for Metro Rail / Light Rail / Railway of value INR 2.20 crores or more. OR Two works of DDC (Detail Design Consultant) of Viaduct (of total length at least 7.7 km) and total 4 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.38 crores or more. Three works of DDC (Detail Design	At least one work of DDC (Detail Design Consultant) of Viaduct (of at least 7.7 km length) and Stations (4 nos.) for Metro Rail / Light Rail / Railway of value INR 2.20 crores or more. Two works of DDC (Detail Design Consultant) of Viaduct (of total length at least 7.7 km) and total 4 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.38 crores or more. Three works of DDC (Detail Design

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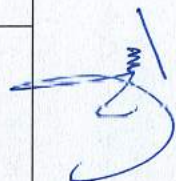
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			duct may also be considered as eligibility criteria in Clause 1.1.3.2, A) of tender. 3. In the work experience, either one/two/three works of DDC of viaduct or stations (5 nos.) for metro rail/light rail/railways of value Rs. 2.2Cr./Rs. 1.38 Cr./Rs. 1.1 Cr. May be considered as minimum eligibility criteria.	Rail / Railway each of value INR 1.38 crores or more. OR Three works of DDC (Detail Design Consultant) of Viaduct (of total length at least 10 km) and total 5 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.10 crores or more.	Consultant) of Viaduct (of total length at least 7.7 km) and total 4 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.10 crores or more As per Addendum page 5R of NIT issued.
18	RITES LIMITED	Schedule -A, page 2, financial package	The percentage distribution of Lump Sum price (15%) indicated against the activities in column-3 appears to less considering the amount of work involved. it may please be reviewed.	a) Review of Alignment b) Preparations of all preliminary designs, conceptual plans. c) Preparation of Tender documents, BOQ, Cost Estimates, manuals essential to finalize tenders of Civil, E&M, Track, etc. Development of interface management scheme and value engineering etc. to be submitted and approved before issue of works contracts for viaducts, stations, etc. broadly covering all clauses under Scope of work for Civil and Architectural works	No change- As per RFP conditions
19	RITES LIMITED	Clause 8.1 Pg- 49, scope of work	The time period may be revised to 04 week from date of commencement.	Design Alternatives and a preliminary Architectural Review of the DDC's design proposals will be held 3 weeks after the Date of Commencement of the Contract.	No change- As per RFP conditions
20	LKT Engineering Limited	1.1.2 Key details page No. 3 of NIT	Last date of issuing addendum is 14.02.2020	Last date of issuing addendum	Last date of issuing addendum

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
			whereas Date of Submission. Time period between issue of addendum and tender submission date is very short .Kindly extend time period by 01 week.	14.02.2020 Date & time of Submission of Tender 19.02.2020, 1700 hrs (IST)	19.02.2020 Date & time of Submission of Tender 4.03.2020, 1700.hrs (IST) As per addendum issued for page 3R of NIT
21	LKT Engineering Limited	As per CI 1.1.3.2 B(i) of minimum eligibility criteria ,page No. 6 of NIT	Liquidity: This shall be seen from the balance sheets and /or from the banking reference. Net current assets and/or document including banking reference should show that the applicant has access to or has available liquid assets lines of credit and other financial means to meet cash flow of INR 20 lakh for this contract net of applicants commitment for other contract. If Liquidity is more than INR 20 lakh then it is compulsory to submit banking reference as per standard provided in ITT is Annexure-4.	B. Financial Standing: The tenderers will be qualified only if they have minimum financial capabilities as below: (i) T1 – Liquidity: It is necessary that the firm can withstand cash flow that the contract will require until payments received from the Employer. Liquidity therefore becomes an important consideration. This shall be seen from the balance sheets and/or from the banking reference. Net current assets and/or documents including banking reference, should show that the applicant has access to or has available liquid assets, lines of credit and other financial means to meet cash flow of INR 20 lakh for this contract, net of applicant's commitments for other Contracts. Banking reference should contain in clear terms the amount that bank will be in a position to lend for this work to the applicant/member of the Joint Venture/Consortium. In case the Net Current Assets (as seen from the Balance Sheets) are negative, only the Banking references will be considered. Otherwise the aggregate of the Current Assets and submitted Banking references will be considered for working out the Liquidity. The banking reference should be from a Scheduled Bank in India or (in case of foreign parties) from an international bank of repute acceptable to NMRC as per standard proforma	No change- As per RFP conditions

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				provided in ITT as Annexure-4 and it should not be more than 3 months old as on date of submission of bids. In Case of JV- Requirement of liquidity is to be distributed between members as per their percentage participation and every member should satisfy the minimum requirement. Example: Let member-1 has percentage participation=M and member-2 has percentage participation=N. If minimum liquidity required is 'W' then liquidity of member-1 $\geq$ W/M 100 And liquidity of member-2 $\geq$ W/N.	
22	LKT Engineering Limited	ITT 2.2.1 Pg 8 (1 st and 2 nd point)	Power of attorney duly notarized and Memorandum of Understanding MOU need to be submitted. Kindly enclose format of power of attorney and memorandum of understanding.	The technical package will comprise of following documents, duly completed which in the event of acceptance of the Tender, and shall form part of the Contract: ☐ Power of Attorney duly notarised to submit Tender as per clause 1.2 of ITT, ☐ The Memorandum of Understanding MOU (See Clause 1.3 and 1.4) for the consortium or joint venture in case of more than one member,	No specified format of POA and MOU. It should be legally accepted valid document duly notarized.
23	SYSTRA SA	Vol 2, Scope of Work Clause 2.2.1, Page 9	Please be apprised that SYSTRA SA (parent company of SYSTRA MVA Consulting India Pvt Ltd) has been granted below mentioned patents: 1. Indian Patent No. 200681 under Indian Patent Application No. 202/CAL/2002 filed on 08.04.2002 for a period of 20 years commencing from 08.04.2002 for "an invention entitled	2.2.1 Elevated packages – Civil Works The Detail Design Consultant will prepare the Preliminary design for elevated stations and viaduct superstructure. The Cost of these shall be deemed to be included in the lumpsum price. The construction tenders will be launched on the basis of a Preliminary design prepared by the Detail Design Consultant. The performed Preliminary design should allow reasonably estimating the construction costs within a margin of error in a range of $\pm 5\%$, and providing the tenderer with all the elements necessary to prepare their offers. For the viaducts, the detailed design of the	In case tenderer intends to use any patented design of any firm/agency, requisite license as per rule may be obtained. As per Addendum of page 26R of scope of work issued.

9.

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
			VIADUCT FOR A RAILWAY LINE" 2. Indian Patent No. 279832 under the Indian patent Application No. 3200/KOLNP/2007 filed on 13.02.2006 for a period of 20 years commencing from 13.02.2006 for "an invention entitled USHAPED SPAN FOR RAILWAY TRACK" Please ensure that any design and/or structure either prepared or used by you does not violate and / or infringe any rights of SYSTRA under either of the above-mentioned patents. The above-mentioned Patents provide statutory protection in favour of SYSTRA, inter-alia, under The Patents Act, 1970 and any violation thereof, shall amount to infringement of said Patents which in turn will entitle SYSTRA to initiate all appropriate legal proceedings for safeguarding its rights granted under the aforementioned Patents, SYSTRA will exercise all its rights and remedies to protect and enforce its Patents. Any/all the rights and remedies of SYSTRA are hereby reserved.	substructures and superstructure other than standard C/U/Box girder spans would be done by the Civil Contractors based on the preliminary designs prepared by Detail Design Consultant. Following the award of the construction contracts, the detailed design of elevated stations and viaduct superstructure (other than standard Box/C/U girder Spans) will be performed by the Civil Contractor. The Detail Design Consultant will have to perform the Proof Checking of structural design of elevated station and viaduct substructures and superstructure (other than standard Box/C/U girder spans) done by civil contractors. Post award of civil contracts The Detail Design Consultant will have to perform: ☐ Proof checking of Stations and viaduct other than standard Box/C/U girder Spans ☐ Detailed design of Architecture for stations; ☐ Detailed Design of Standard Box/C/U girder Spans For detailed Scope of work, section 3.9 of this volume shall be referred.	

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			Further, in case any firm / agency intends to use patented design then, SYSTRA at its absolute discretion may negotiate and grant a License for the limited use of the above-mentioned patents and its rights under it for the said Project.		
24	SYSTRA SA	Vcl 1/ ITT Clause 2.2.2, page 10	Generally, in similar type of projects, client allow DDC located in Delhi/NCR Region to work from their design offices in Delhi/NCR Region with a project coordinator with 5-7 years' experience located at premises allotted by client. So, we would request NMRC to allow DDC to work from their design offices with a coordinator at client premises Also, Proposed staff would be visiting NMRC for discussions as and when required by NMRC under the scope of work.	The DDC shall establish an office within the premises allotted by NMRC and deploy required staff & facilities therein in consultation with NMRC. The NMRC will provide an unfurnished bare office space equal to 50 sqm (approx.) without any cost to DDC at a mutually convenient place.	No change- As per RFP conditions
25	SYSTRA SA	NIT 1.1.3.2 Minimum	Expert with experience of 15 years of MRTS as Team	The DDC team shall be headed by a 'Team Leader' having	No change- As per RFP conditions

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		Eligibility Criteria: Page --	Leader would be hard to find in industry. We would request you to amend this criterion as mentioned below: The DDC team shall be headed by a 'Team Leader' having total experience not less than 15 years and have minimum relevant experience of 10 years in the concerned field and have handled minimum 2 projects of similar nature as team leader	experience not less than 15 years of MRTS as Team Leader	
26	SYSTRA SA	Clause 2.2.2, Page 10 ITT	We understand that Approach & Methodology, list of deliverables and details of equipment / laboratory facilities with consultant need to be provided separately for Architecture, structure and Building services. Please confirm.	Understanding and comprehension of the work involved. ☐ The general approach and methodology proposed for carrying out the services covered in the Scope of Work, including such detailed information as deemed relevant. In addition, the technical proposal shall contain: ☐ A detailed overall work programme and a bar chart indicating the duration and timing of assignment of each key staff or other staff member assigned to the project. ☐ An organisation chart together with clear description of the responsibilities of each member within the overall work programme as prescribed in clause 1.1.3.2 D of NIT. Sufficient proof shall be submitted to substantiate the qualification and experience of staff deployed. ☐ The technical proposal will be evaluated based on the capabilities /technical strength of staff proposed to be deployed. ☐ A task list of deliverables and delivery dates, and the person responsible for performing the deliverable.	No change- As per RFP conditions



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				☐ The name, background and professional experience of each key staff member to be assigned to the project, with particular reference to his experience of a nature similar to that of the proposed assignment. (The majority of the key staff shall be regular members of the firm for at least six months and all members of Expertise team shall be regular employees). The details of the name, background and CV of any sub-contracted staff with their consent letter who will be employed on the project. ☐ The names and addresses of any firm who may be given sub-contracts with details of their experience in the Delhi or other areas. ☐ The details of equipment and laboratory facilities with such subcontractors/ sub consultants shall be provided. ☐ Details of design facilities, together with their location. The above details should be submitted separately for Architecture, Structures and Building Services. The offer should cover the entire Scope of Work, as laid out in tender documents.	
27	SYSTRA SA	Vol 1/ FOT PAGE 18	Value of balance work yet to be done is asked till 31.12.2019, while value of work to be done is asked from 1st March 2020 till 24 months in last column. We understand that in last column the value of work to be done should be from 1st Jan 2020 till 24 months	Form of Tender -Appendix 11	No change- As per RFP conditions
28	SYSTRA SA	Clause 2.1.2, Page 8	Please provide experience of BIM expert.	The DDC shall deploy one BIM expert in addition to the team	Minimum 5 years experience on BIM platform

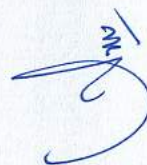






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		SCOPE OF WORK	We would request NMRC to allow BIM expert to visit NMRC as and when required under scope of work instead of being housed at Noida in NMRC office. WE understand that CV for this expert need not to be submitted with proposal.	specified in organization structure and who shall be housed in either NMRC office at NOIDA. Decision of NMRC in this regard shall be final & binding.	As per Addendum page 8 R of scope of work issued.
29	SYSTRA SA	NIT	We would request to extend the due date by 3 weeks from current due date	Date & time of Submission of Tender 19.02.2020, 1700 hrs (IST)	Date & time of Submission of Tender 4.03.2020, 1700 hrs (IST) As per Addendum page 3 R of NIT issued.
30	SYSTRA SA		Please provide Alignment Drawings with preliminary span arrangement which also specify special spans	Drawings requirement	Alignment drawing shared herewith
31	SYSTRA SA		Please Provide Preliminary Station Layout Drawing	Drawings requirement	No change- As per RFP conditions
32	SYSTRA SA	Clause 2.1.1 (c & f), Page 5&6 SCOPE OF WORK	Please clarify the exact scope of works. Item s.no. 'c' mentions preparation of cost-effective detailed design of structures whereas Item s.no. 'f' mentions it to be proof checking of structural designs prepared by contractor.	C) Perform cost effective detailed designs of Architectural, Structure (including track supporting structure), Building Electrical and Mechanical services, based on approved designs and design criteria for elevated stations F) Proof checking of structural design and scheme of construction suggested by the Contractor for elevated stations, sub-structure and superstructure of viaduct.	No change- As per RFP conditions
33	SYSTRA SA	Clause 2.1.1 (b), Page 5 SCOPE OF WORK	Please Clarify the Scope of Multi Model Integration for DDC	Review of alignment in general and station locations in particular with a view of optimization of neighbourhood connectivity and MMI integration; Detailed review of alignment with respect to construction cost optimization	Concept (As per RFP conditions)

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				and ease of construction and providing alignment drawings for Civil work tenders.	
34	SYSTRA SA	Clause 2.1.1 (r), Page 7 SCOPE OF WORK	PD area to be confirmed to have correct estimation at our end.	Prepare necessary documentation and obtain necessary planning and other required approvals for the integrated complex consisting of Station designs, Station layouts, track supporting structures including E&M facilities and fire detection/ suppression system, conceptual layouts and drawings for property development, if any, from the relevant approving authority;	As per maximum permissible FAR.
35	SYSTRA SA	Clause 3.9.1, Page 23 SCOPE OF WORK	DDC can incorporate utilities in alignment & details should be provided by NMRC. Utility layout Drawings	The main outputs will be: ☐ Set up Technical framework for the project: lists of specifications and standard selected (design and construction) ☐ Review of the Survey Works performed by NMRC for sufficiency for the design works (Topographic survey and mapping, Utilities investigation, Hydro- meteorological data, Geotechnical survey and investigation). If need be, the Detail Design Consultant shall request NMRC for additional surveys	Will be provided at a later stage, after awarding of contract.
36	SYSTRA SA	Clause 3.9.1, Page 23 SCOPE OF WORK	DDC will plot land requirement based on Topo provided & only for permanent structure, it will be identified by NMRC. Please Clarify!	The main outputs will be: ☐ Set up Technical framework for the project: lists of specifications and standard selected (design and construction) ☐ Review of the Survey Works performed by NMRC for sufficiency for the design works (Topographic survey and mapping, Utilities investigation, Hydro- meteorological data, Geotechnical survey and investigation). If need be, the Detail Design Consultant shall request NMRC for additional surveys	No change- As per RFP conditions.
37	SYSTRA SA		Please share the DPR of the Project		Will be shared at later stage after awarding of contract.







S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
38	SYSTRA SA		Soft Auto-Cad Copy of Alignment, Topographical survey & Station Layout drawings are required for understanding. Drawings required		Alignment drawings shared herewith.
39	SYSTRA SA	2.1.1 a); Pg. 5 SCOPE OF WORK	Please Specify how many alternative designs are required? a) Producing concept planning and design alternatives of elevated and interchange stations for NMRC's review;	These Services generally include, but are not limited to: a) Producing concept planning and design alternatives of elevated and interchange stations for NMRC's review;	No change- As per RFP conditions
40	SYSTRA SA		Please clarify the design stages along with their timelines. i.e. Concept, PD, TD, DD, CPD, GFC etc.		No change- As per RFP conditions
41	SYSTRA SA	2.1.1 q); Pg. 7 SCOPE OF WORK	Request you to kindly amend the clause as it will be difficult for DDC to lease and co-ordinate for approvals in limited time frame at individual level. q) Consult and co-ordinate with various City and Government authorities that interface with the NMRC project. NMRC will assist with the co-ordination;	q) Consult and co-ordinate with various City and Government authorities that interface with the NMRC project. NMRC will assist with the co-ordination;	No change- As per RFP conditions
42	SYSTRA SA	2.1.2; Pg. 8 SCOPE OF WORK	Please mention the eligibility criteria for BIM Expert deployment and for how much time period. The DDC shall deploy one BIM expert in addition to the team specified in organization structure and who shall be	The DDC shall deploy one BIM expert in addition to the team specified in organization structure and who shall be housed in either NMRC office at NOIDA. Decision of NMRC in this regard shall be final & binding.	Minimum 5 years experience on BIM platform As per Addendum page 8 R of scope of work issued.

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S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
			housed in either NMRC office at NOIDA. Decision of NMRC in this regard shall be final & binding		
43	SYSTRA SA	2 1.2; Pg.8 SCOPE OF WORK	BIM based modelling will be started and worked upon after the approval of Preliminary Design. Please confirm. In addition, DDC shall also provide following individual models:- 1. Station Architecture Modelling 2. Station Mechanical Modelling 3. Station Electrical Modelling 4. Station Plumbing Modelling 5. Station HVAC Modelling 6. Rail Track Modelling/Viaduct modelling 7. Terrain modelling 8. Clash Detection 9. Quantity takeoff from BIM model 10. Visualization and Animated Walkthroughs	In addition, DDC shall also provide following individual models:- 1. Station Architecture Modelling 2. Station Mechanical Modelling 3. Station Electrical Modelling 4. Station Plumbing Modelling 5. Station HVAC Modelling 6. Rail Track Modelling/Viaduct modelling 7. Terrain modelling 8. Clash Detection 9. Quantity takeoff from BIM model 10. Visualization and Animated Walkthroughs	No change- As per RFP conditions
44	SYSTRA SA	2 1.2; Pg.8 1.2 Scope of Work, 2 Extent of Services	Walkthrough will be made after final approval of Preliminary Design. Please Confirm. Also, please mention the duration of time for walkthrough to be prepared. 10. Visualization and Animated Walkthroughs Walkthrough will be made after final approval of Preliminary Design. Please Confirm. Also, please mention the duration of time for walk-through to be prepared.	In addition, DDC shall also provide following individual models:- 1. Station Architecture Modelling 2. Station Mechanical Modelling 3. Station Electrical Modelling 4. Station Plumbing Modelling 5. Station HVAC Modelling 6. Rail Track Modelling/Viaduct modelling 7. Terrain modelling 8. Clash Detection 9. Quantity takeoff from BIM model 10. Visualization and Animated Walkthroughs	No change- As per RFP conditions

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
45	SYSTRA SA		Please confirm if Expat (international) is required and if yes for how much time period?		No change- As per RFP conditions
46	SYSTRA SA	Clause 3.8, pg 20, scope of work	Is Signage a part of DDC scope of work? Please Specify.	As per clause 3.8 of scope of work of RFP	No change- As per RFP conditions
47	SYSTRA SA	2.4; Pg.11, scope of work	Please specify extent of Property development required in the Project. The details of property development, including the floor area, number of stories shall be worked out by the DDC on the basis of market potential and building rules, if applicable. Though only conceptual design and drawings are to be made for the property development, the lighting, circulation, staircases and other services required for the property development area, though required later are to be planned for.	The detailed design, drawings and documents shall be developed by the DDC from the appropriate conceptual, preliminary and standard drawings, design criteria, outline specifications and other information to be issued to or gathered by the DDC and as approved by NMRC. The DDC shall comply in producing its detailed design and drawings in accordance with the checking requirements specified in Section 7 of this document. In order to ensure uniformity of all Design Contracts, conceptual drawings, design criteria, outline specifications, standard pro-formats, and documentation will be issued to the DDC, and compliance with the requirements specified therein shall be mandatory unless prior agreement in writing for any changes has been obtained from NMRC. The DDC shall thoroughly study the information contained in the conceptual drawings, Design Criteria, specifications, standard pro-formas and documentation issued to it. If there are any points of disagreement or inconsistency, the DDC shall immediately refer these, giving reasons for the disagreement, in writing to NMRC for a ruling. The details of property development, including the floor area, number of stories shall be worked out by the DDC on the basis of market	As per maximum permissible FAR







S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
48	SYSTRA SA	2.5 Pg.1- Vol.2 Scope of Work, 2. Extension of Services	Request you to amend the clause and provide basic interface inputs after the contract is signed for better understanding of the work and to avoid repetitive work in limited time frame.	potential and building rules, if applicable. Though only conceptual design and drawings are to be made for the property development, the lighting, circulation, staircases and other services required for the property development area, though required later are to be planned for.	No change- As per RFP conditions
49	SYSTRA SA	3.5 Pg. 18 ,SCOPE OF WORK	As per our understanding, DDC shall be doing review of Environmental Impact Assessment considering it is prepared during DPR stage and will consider mitigation measures through Architectural and Landscape Design. Please Confirm.	The DDC shall investigate each site in support of the environmental review process as it relates to surrounding neighbourhoods and property development, both existing and proposed; and also, the environmental impacts upon present and committed future recreational facilities, parks or other open spaces and landscaped facilities. The detailed design shall be finalised after the environmental review is completed. This shall include as a minimum the following: Identify levels of architectural and landscaping treatment necessary to mitigate environmental impacts whether	No change- As per RFP conditions

RFP for Engagement of Detailed Design Consultant (DDC) for Civil, Architectural and E & M Works of Noida-Greater Noida Metro Corridor from Sector – 51 Noida to Greater Noida Sector – 2, Consisting of 9.605 Km Viaduct including 5 Elevated Stations

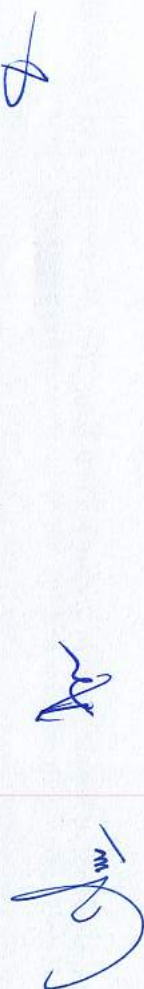
S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
50	SYSTRA SA	3.8; Pg. 20, SCOPE OF WORK	Please Specify the version of softwares to be used.	physical, visual or noise related, in relation to the preparation of an Environmental Impact Report which may need to be coordinated with relevant Government and Municipal Departments. Provide continuing design support to the Environmental review process.	No change- As per RFP conditions
51	SYSTRA SA	3.8; Pg. 20, SCOPE OF WORK	Please specify the scale of drawings to be produced.	The DDC shall provide continuing support in the form of design data, design calculations, CADD files, perspective sketches (BIM Model), 3D computer model renderings, 1:200 scale models of each station and the like as requested, whether for promotion, approval, or other illustrative purposes. The model shall be A0 size mounted on a wooden base with Plexiglas cover and shall be submitted within 4 months of the date of issue of the Letter of Commencement.	As per permissible standards.
52	SYSTRA SA	3.8; Pg. 20, SCOPE OF WORK	Please clarify if physical model is to be prepared? Also, mention the scale of the model and materials to be used (example- Mound	The DDC shall provide continuing support in the form of design data, design calculations, CADD files, perspective sketches (BIM Model), 3D computer model renderings, 1:200 scale models of each station and the like as requested, whether for promotion, approval, or other illustrative purposes. The model shall be A0 size mounted on a wooden base with Plexiglas cover and shall be submitted within 4 months of the date of issue of the Letter of Commencement.	Yes As per RFP conditions. The rate is included in lump sum portion.

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S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
			Board, acrylic sheet, wooden base, etc.).	requested, whether for promotion, approval, or other illustrative purposes. The model shall be A0 size mounted on a wooden base with Plexiglas cover and shall be submitted within 4 months of the date of issue of the Letter of Commencement.	
53	SYSTRA SA	3.8; Pg. 2 L, SCOPE OF WORK	What type of Rating required please specify. (If IGBC/GRIHA/ LEED)	☐ Stations Building shall be designed to achieve highest MRTS Green Building Rating.	No change- As per RFP conditions
54	SYSTRA SA	2.1.2, Pg 8, SCOPE OF WORK	LOD of BIM not mention but as per client requirement - could range from 300 to 500 Is landscape modeling part of scope?	DDC shall implement BIM system for executing and delivering the services set out in this Agreement. Building Information Modelling (BIM) uses computing power and systems to create 3D models of all kind of buildings and infrastructure, with information about its design, operation and current condition. At the planning and design stage it enables designers, owners and users to work together to produce the best possible designs and to test them virtually before they are constructed. During construction, it enables NMRCs, contractors and suppliers to integrate all components cutting out waste and reducing the risk of errors. In operation it provides users with real-time information about available services and facility managers with accurate assessments of the condition of assets. All station designs (including architectural design, structure design, E&M services design, interior fit outs, plumbing design etc.) as well as viaduct designs/proof checking shall be done using BIM modelling. DDC shall implement the necessary hardware, software and human resources towards this end. 3D Coordination between all disciplines shall be achieved by incorporating them in a single model. BIM	No change- As per RFP conditions

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				Model LOD and related deliverables shall be as per Clients requirement. DDC shall be required to produce, update and present to NMRC on a fortnightly basis an integrated 3D BIM model incorporating rail track, topography, architecture, structure, plumbing and all other building services and system wide requirements in design review meetings. These models shall be 3D rendered and shall help in design visualization and clash detection of elements as well as finalization of design. The DDC shall deploy one BIM expert in addition to the team specified in organization structure and who shall be housed in either NMRC office at NOIDA. Decision of NMRC in this regard shall be final & binding. In addition, DDC shall also provide following individual models: - 1. Station Architecture Modelling 2. Station Mechanical Modelling 3. Station Electrical Modelling 4. Station Plumbing Modelling 5. Station HVAC Modelling 6. Rail Track Modelling/Viaduct modelling 7. Terrain modelling 8. Clash Detection 9. Quantity takeoff from BIM model 10. Visualization and Animated Walkthroughs Final coordinated GFC drawings of all disciplines shall only be generated from the BIM model. Detailed cost estimates shall also be prepared only on the basis of approved 3D BIM model.	
55	SYSTRA SA	Clause 1.1.3.2 D, Fig 1, Page 10, NIT	L&E scope of work to be confirmed. L&E key member mentioned in org. chart and Clause 3.4 Page 14 says that L&E by other agency	Organisation chart	No change -As per RFP conditions



S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
56	SYSTRA SA	Clause 2.1.1(m), Page 6, SCOPE OF WORK	CFD not our scope of work	m) Computational Fluid Dynamics (CFD) Analysis, if required by NMRC.	No change- As per RFP conditions
57	SYSTRA SA	clause 2.1.1(r), Page 7, SCOPE OF WORK	Not our scope of work. Please confirm.	r) Prepare necessary documentation and obtain necessary planning and other required approvals for the integrated complex consisting of Station designs, Station layouts, track supporting structures including E&M facilities and fire detection/ suppression system, conceptual layouts and drawings for property development, if any, from the relevant approving authority;	No change- As per RFP conditions
58	SYSTRA SA	Clause 2.2.2, Page 9, SCOPE OF WORK	SCADA not our scope of work.	Post award of civil contracts, the detail design consultant will however to perform:- Detailed design of BMS, SCADA and E&M for all stations as well as incorporate requirements of Signalling, Telecom, AFC, Traction, Rolling Stock, Track, Lift, Escalator, PSG and all other system wide contractors in design and drawings.	No change- As per RFP conditions
59	SYSTRA SA	Clause 2.3, Page 10, SCOPE OF WORK	Regulatory Approvals from Authority for Stations .Not our Scope of work.	The DDC shall obtain the necessary design and regulatory approvals from the appropriate authorities for the stations, station areas, and any associated joint developments. NMRC will provide co-ordination for this process.	No change- As per RFP conditions
60	SYSTRA SA	Clause 3.3, Page 14, SCOPE OF WORK	Please mentioned the design alternatives to 3 and beyond shall be paid additional fees.	The DDC shall perform Design Alternatives as per the conditions of the Contract. The DDC shall develop alternative layouts and designs for the substructure, superstructure and architecture of the elevated stations within the overall design parameters defined in the Agreement. The DDC shall perform proof checking of structural design and scheme of	No change- As per RFP conditions

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				construction suggested by the Contractor for elevated stations and viaduct, the objective of which will be to reduce construction cost without adversely affecting the required transit system functions such as capacity, service life, reliability, economy of operation or ease of maintenance and which shall not require any extension of design or construction time. The DDC shall offer state of the art design for the Building Services and the alternative designs shall also be offered for E&M services. Several design alternatives may be required as per the site conditions or any other specific requirement of the project. Design alternatives are to be presented within 2 week of the Date of Commencement. Each design alternative shall be presented in sufficient detail to clearly define the proposed design alternative including: ☐ A description of the difference between each proposed design alternative and the comparative advantages and disadvantages of each. Clearly illustrated sketches, drawings, diagrams, calculations, published reports or other means that allows evaluation shall accompany the written description. ☐ A detailed estimate of the amount of savings in construction cost. ☐ All further work of preparing tender documents, detailed design, drawings, etc. will be done as per the alternatives approved by NMRC. Different alternatives may be approved for different locations. ☐ All costs associated with this shall be included in the Lump Sum price.	
61	SYSTRA SA	Clause 3.10.3 (I), Page 32, SCOPE	Please allow quantity variation up to 10% as at tender stage many vendors	DDC shall verify Bill of Quantities of each Schedule before issuance of Tender Documents and also confirm to NMRC that all	No change- As per RFP conditions

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S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
		C= WORK	data is are not available.	items of works have been incorporated in the BOQ documents. The Quantities of various item should be carefully worked out and if found that the variations with respect to execution drawings is more than 5% then a lump sum compensation may be deducted at 10% of the total fee. Decision of the NMRC Engineer, shall be final and binding on the consultant.	
62	SYSTRA SA	Clause 13, Page 38 SCOPE C= WORK	Soft Copies of existing utilities to be provided.	All existing known utilities have been charted and incorporated in the drawings. The DDC shall study and use the records and drawings of existing and planned utilities made available by NMRC. The DDC shall list all the utility conflicts discovered and inform NMRC, in writing, of its recommendations for modifications and diversions. The DDC shall co-ordinate with and gather additional technical information after NMRC has arranged the initial contact with the various utility authorities that are involved in the Works. For any joint survey meeting, formal or informal, with the relative utility authority the DDC shall prepare the required information, make a presentation, and prepare meeting minutes according to the instructions of NMRC. All the correspondence, meeting minutes, and information transmittals between NMRC, the DDC, and the relative utility authorities shall be written in English. If information is not sufficient for the detailed design, the DDC shall make recommendations for additional surveys shall be included in the lump sum prices set forth in the Agreement. DDC shall be responsible for preparation of Minutes of Meeting, and its issue, for all the meetings with NMRC, Architects or System wide Consultants / Contractors.	Will be provided at a later stage after award of contract.
63	SYSTRA SA	Clause 23,	PD area to be confirmed to	Conceptual designs of property developments	As per maximum permissible FAR.







S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
		Page 40, SCOPE OF WORK	have correct estimation at our end.	along with the railway designs shall be prepared by the DDC. The property developments will occur at the stations as identified by NMRC. Continuous MRTS functions must be accommodated in all aspects. Operations and maintenance must not be compromised by construction or operation of joint development projects. Conversely, the property development project must also operate independently with minimal or no impact from the operation of the MRTS. The schemes shall be designed taking into account the building rules and regulations of all statutory bodies. The designs shall be evolved taking into account Neighbourhood Urban Planning.	
64	SYSTRA SA	Clause 4.3, Pg 42, SCOPE OF WORK	Obtaining approval not our scope of work. We shall provide the technical input in regulatory authority meetings.	The DDC shall co-ordinate and liaise with all concerned local authorities and private and Government agencies to obtain approvals, testing and clearances as deemed necessary, depending on the conditions prevalent at site.	No change- As per RFP conditions
65	SYSTRA SA	H 1.16, PART IV	Not our Scope of Work. Generally, in Contractor Scope work.	The DDC shall stipulate list of spares, special tools, test equipment & training with recommended stockholding considering lead-time & other condition including those required prior to commissioning.	No change- As per RFP conditions
66	SYSTRA SA	2.1.1, SCOPE OF WORK	Upto what extent of surrounding?	h) Perform detailed designs for multi-modal transfer facilities for road and pedestrian traffic, landscaping, traffic management and road and station interfaces for the surrounding roads and neighbourhood;	No change- As per RFP conditions
67	SYSTRA SA	2.1.2 Pg 11, SCOPE OF WORK	Is road survey required?	2.5 Input for interface The basic interface inputs will be provided at the time of preliminary design, in stages. Survey Maps and Plot Size of each station The survey of land of stations shall be made	No change- As per RFP conditions

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S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
68	SYSTRA SA	3.8, SCOPE OF WORK	Since only concept is required to be developed for PD, does the concept required to be modeled in BIM?	available in NMRC either on tracing paper or on AutoCAD. Any survey required outside the NMRC land will have to be carried out by DDC. The DDC shall prepare design solutions responding to requirements for public and private transportation facilities and open space provisions within the proposed property development sites. The DDC shall prepare all the conceptual designs and drawings for the property development keeping in view the prevailing building rules and he shall not be required to prepare detailed drawings.	No change- As per RFP conditions
69	SYSTRA SA	3.9.2, SCOPE OF WORK	DDC could take up review of fabrication drgs.	The key aspects covered by the proof checker/DDC will be: ☐ Fabrication Drawings for all Steel Structure works.	No change- As per RFP conditions
70	SYSTRA SA	3.9.2.1 3.9.2.2 SCOPE OF WORK	Do we need to review or design? We do not review fabrication drgs for structural steel works This is vendor item, we do not check the structural design...	3.9.2.1 Viaduct Superstructure: Please note that Standard C/U/box Girder Drawings has to be provided by DDC. However, in case of obligatory/special span/non standard span/- girder, if any, the DDC shall carry out, - Track supporting structure (Track Plinth). ☐ Substructure and Foundation: - Proof checking of structural design and scheme of construction submitted by the Contractor for bearings, sub-structures and foundation of viaduct. - All temporary structures, enabling works, construction scheme, lifting plans etc. shall also be proof checked by the DDC. Proof checking of: - Rail/Structure Interaction reports - Track plinth design - Stray current and earthing design - Design of any special arrangement on parapet	No change- As per RFP conditions

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S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				such as view cutter, noise barrier, etc. - Design of structural arrangement for all traction, signaling & electrical works such as supporting arrangement for cables etc. ☐ Catenary pole anchorage design. ☐ Approval of all shop drawings such as bearings, expansion joints, steel structures submitted by contractor. 3.9.2.2 Elevated Station: ☐ The scope of DDC covers the Proof Checking of all the structural component of station building and its ancillary components including entries, exits, connecting corridors/FOBs etc submitted by the contractor. The proof-checking, which we assume will require counter-calculations/independent calculation to be performed. The adequacy between calculation reports and drawings, and ensure compatibility with contract provisions proposed construction sequence/Method statement. ☐ The proof checking of roof PEB structure for station building, entry-exit structures & all ancillary structures such as UG Tank, Sump, Elevated water tank, DG room, Pump room, Machine room etc. shall also be in the scope of the DDC ☐ Proof checking of design of structural works for architectural finishing, Interfaces and functional requirements such as design of louvers, structural glazing, ACP, cladding, counters, GRC jali, etc	
71	SYSTRA SA	3.16, SCOPE OF WORK	It is to be prepared by contractor. DDC to prepare design submission schedule in respect to Construction schedule	The DDC shall produce suggested construction programmes based upon its assumed methods of construction and work sequences. The programme shall be prepared through a computer package compatible with Primavera. The programme shall include interface activities	No change- As per RFP conditions

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S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
72	SYSTRA SA	cl. 36 GCC P/I page 15	There seems to be a conflict on the value of P/I as mentioned in Pg 50 and pg 84, please clarify which is applicable	with system wide and other contractors. The programmes shall be submitted to NMRC for review of compatibility with other programmes and for any subsequent amendment as required. DDC's construction implementation schedule, shall demonstrate that the design can be constructed within the schedule guidelines of the Contract Documents and indicate the earliest available dates for completion of the Works. During the design review stages of the approved construction programme, NMRC may require the DDC to make adjustments based upon the DDC's professional judgment. Where considered to be neither cost effective nor feasible, NMRC shall be informed of the findings The DDC shall effect and maintain professional Indemnity Insurance(P/I) with AOA (any one accident) limit in INR equal to contract value in respect to all works covered under scope of work to be carried out by, or on behalf of them with AOY (any one year) limit of two incidents in a year. P/I Policy shall be obtained within four weeks from 'date of commencement' and before any payment is released to DDC. The insurance which shall ensure the DDC's liability by reason of professional negligence and errors in respect of all works covered under scope of work, shall be valid from the date of commencement of works, until two years after commissioning of work. It is a deemed accepted condition of contract that the DDC indemnifies and save harmless NMRC from and against all claims and proceedings on account of infringements of patents rights, design, trademark name etc. NMRC will not issue final payment certificate until the DDC has produced evidence that	Clause 36 of GCC will prevail and As per Addendum issued for FOT- APPENDIX 1 (page 5R of FOT)

S.No	Query Raised By	Reference w.r.t FFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
73	SYSTRA SA	cl 18 GCC, Pg 5	It is suggested that mutual rights to suspend to be given to the Consultant.	coverage of Professional Indemnity Insurance has been provided for the aforesaid period. In the professional indemnity insurance policy the deductible amount shall not be more than 5% of AOA limit. (i) NMRC may suspend all or part of the Services or terminate the Agreement by notice of at least 30 days to DDC who shall immediately make arrangements to stop the Services and minimise expenditure. (ii) If NMRC considers that DDC is not discharging his obligations NMRC can inform the DDC by notice stating grounds for the notice. If a satisfactory reply is not received within 07 days of receipt of the notice by DDC, NMRC can by further notice terminate the Agreement provided that such further notice is given within 30 days of the NMRC's former notice. (iii) If DDC is adjudged a bankrupt, or if he makes a general assignment for the benefit of his creditors, or if a receiver is appointed on account of his insolvency, or persistently disregards laws, ordinances, rules, regulations or orders of any public authority having jurisdiction, or otherwise is guilty of a breach of the Agreement, then NMRC may terminate the Services of the DDC as per the procedure given in Clause 18.1 (ii). NMRC may complete the project by whatever method may be deemed expedient and the DDC shall not be entitled to receive any further payment.	No change- As per RFP conditions
74	SYSTRA SA	cl 18 GCC, pg 5	It is suggested that mutual rights to terminate be given to the Consultant.	(i) NMRC may suspend all or part of the Services or terminate the Agreement by notice of at least 30 days to DDC who shall immediately make arrangements to stop the	No change- As per RFP conditions

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S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				Services and minimise expenditure. (ii) If NMRC considers that DDC is not discharging his obligations NMRC can inform the DDC by notice stating grounds for the notice. If a satisfactory reply is not received within 07 days of receipt of the notice by DDC, NMRC can by further notice terminate the Agreement provided that such further notice is given within 30 days of the NMRC's former notice. (iii) If DDC is adjudged a bankrupt, or if he makes a general assignment for the benefit of his creditors, or if a receiver is appointed on account of his insolvency, or persistently disregards laws, ordinances, rules, regulations or orders of any public authority having jurisdiction, or otherwise is guilty of a breach of the Agreement, then NMRC may terminate the Services of the DDC as per the procedure given in Clause 18.1 (ii). NMRC may complete the project by whatever method may be deemed expedient and the DDC shall not be entitled to receive any further payment.	
75	SYSTRA SA	cl. 33.9 GCC, pg 10	It is suggested that the choice of Panel of Arbitrators to be mutually decided by both Employer and Consultant.	Procedure for Appointment of Arbitrators: The arbitrators shall be appointed as per following procedure: i) In case of Sole Arbitrator: Within 60 days from the day when a written and valid demand for arbitration is received by MD/NMRC, NMRC will forward a panel of 03 names to the DDC. The DDC shall have to choose one Arbitrator from the panel of three, to be appointed as Sole Arbitrator within 30 days of dispatch of the request by NMRC. In case the DDC fails to	No change- As per RFP conditions

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S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				choose one Arbitrator within 30 days of dispatch of the request of NMRC then MD/NMRC shall appoint anyone Arbitrator from the panel of 03 Arbitrator as sole Arbitrator. ii) In case of 3 Arbitrators: a) Within 60 days from the day when a written and valid demand for Arbitration is received by MD/NMRC, NMRC will forward a panel of 5 names to the DDC. The DDC will then give his consent for any one name out of the panel to be appointed as one of the Arbitrators within 30 days of dispatch of the request by NMRC. b) NMRC will decide the second Arbitrator. MD/NMRC shall appoint the two Arbitrators, including the name of one Arbitrator for whom consent was given by the DDC, within 30 days from the receipt of the consent for one name of the Arbitrator from the DDC. In case the DDC fails to give his consent within 30 days of dispatch of the request of NMRC then MD/NMRC shall nominate both the Arbitrators from the panel. c) The third Arbitrator shall be chosen by the two Arbitrators so appointed by the parties out of the panel of 05 Arbitrators provided to the DDC or from the larger panel of Arbitrators to be provided to them by NMRC at the request of two appointed Arbitrators (if so desired by them) and	







S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				who shall act as Presiding Arbitrator. In case of failure of the two appointed Arbitrators to reach upon consensus within a period of 30 days from their appointment, then, upon the request of either or both parties, the Presiding Arbitrator shall be appointed by the Managing Director / NMRC, Uttar Pradesh. d) If one or more of the Arbitrators appointed as above refuses to act as Arbitrator, withdraws from his office as Arbitrator, or vacates his/their office/offices or is/are unable or unwilling to perform his functions as Arbitrator for any reason whatsoever or dies or in the opinion of the MD/NMRC fails to act without undue delay, the MD/NMRC shall appoint new Arbitrator /Arbitrators to act in his/their place except in case of new Presiding Arbitrator who shall be chosen following the same procedure as mentioned in para (ii)(c) above. Such re-constituted Tribunal may, at its discretion, proceed with the reference from the stage at which it was left by the previous Arbitrator(s). e) NMRC at the time of offering the panel of Arbitrator(s) to be appointed as Arbitrator shall also supply the information with regard to the qualifications of the said Arbitrators nominated in the panel along with their professional experience, phone nos. and addresses to the DDC.	

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
76	SYSTRA SA	cl. 16.1 GCC .pg 5	Please add in the third line in para "If delays attributable to Consultant" 6. It is suggested to define what shall constitute Variation.	Time is the essence of the Contract. It shall be the bounden duty of the DDC to strictly adhere to the time for performance of various services indicated in the Contract. In case of delays without valid reason the DDC shall be liable to pay liquidated damages as given in SCC. The maximum limit of Liquidated Damages shall be 10% of the Fixed Lump Sum Price of the Contract	No change- As per RFP conditions
77	SYSTRA SA	SCC 12, pg 12	Please provide as to what would be the consequence for delay by other agencies Will there be any change in concepts after the approvals or during tender stage, if so please indicate which clause is applicable for additional time and cost. Please provide the modality of payment against work done before the termination. Please indicate the time limits for approval of design and drawings. Please suggest what would be the consequence for delay by other agencies	Clause 12. Duration of Liability shall be a period of 24 months as per appendix-1 reckoned 'the date of completion as mentioned in the completion certificate' OR 'the date on which all the stations/structures /buildings on the section/corridor are put to use for	No change- As per RFP conditions
78	Prime SD Engineering Consultants Ltd.	Clause 6.5-Pg 46 SCOPE OF WORK	CRDs not mentioned. They will be in scope of work?	Contract Drawings are drawings that have been prepared by the DDC from Tender Drawings that have been approved by NMRC and which, together with other relevant documentation, will form the Construction Contract. The Contract revised as noted in Section 4.1.	No change- As per RFP conditions
79	Prime SD Engineering Consultants Ltd.	Clause 3.23, pg 40 SCOPE OF WORK	For Property development area-MEP work shall be in scope?	Conceptual designs of property developments along with the railway designs shall be prepared by the DDC. The property developments will occur at the stations as	No change- As per RFP conditions

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S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				identified by NMRC. Continuous MRTS functions must be accommodated in all aspects. Operations and maintenance must not be compromised by construction or operation of joint development projects. Conversely, the property development project must also operate independently with minimal or no impact from the operation of the MRTS. The schemes shall be designed taking into account the building rules and regulations of all statutory bodies. The designs shall be evolved taking into account Neighbourhood Urban Planning. The water, electricity and sewage connection for property development shall be independent of main station connection.	
80	Prime SD Engineering Consultants Ltd.		Drawings in BIM shall be prepared during Detail design stage or for Preliminary drgs only?		No change- As per RFP conditions
81	Prime SD Engineering Consultants Ltd.		Shall S & T load be considered in UPS?		No change- As per RFP conditions
82	Prime SD Engineering Consultants Ltd.		Utilities diversion is not considered in our scope of work.		No change- As per RFP conditions
83	Prime SD Engineering Consultants Ltd.		Soil resistivity value shall be required for earthing.		Will be provided post tender stage
84	Aarvee associates	Volume 1 NIT, 1.1.2 Key Details, Page 3	The time for submitting the tender is too short. To prepare a comprehensive bid with various	Date and time of submission of tender : 19 02 2020	Date & time of Submission of Tender 4.03.2020 , 1700 hrs (IST) As per Addendum page 3 R of NIT

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S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
			requirements to be addressed, we request you to extend the submission date to 4 weeks from the date of receipt of pre bid comments i.e. Date and time of submission of tender : 18 03 2020		issued.
85	Aarvee associates	Volume 1 of RFP, 1.3.2 Minimum Eligibility Criteria, Page 5	Initially, the tenders for DDC of Viaduct and stations were issued separately and not as a single tender vis a vis in present scenario a single tender for both viaduct and stations are being issued. We strongly believe that such works may not qualify to fulfil the eligibility criteria of this tender document due to their recent award and in case few projects do qualify the tender requirement then only select consultants will be able to submit the tender. Considering the above scenario, we request following suggestion in the referred clause. A. Work Experience: The tenderers will be qualified only if they have completed/ substantially completed (certified by employer's certificate that	A. Work Experience: The tenderers will be qualified only if they have completed work(s) during last seven years ending 31.12.2019 as given below: At least one work of DDC (Detail Design Consultant) of Viaduct (of at least 10 km length) and Stations (5 nos.) for Metro Rail / Light Rail / Railway of value INR 2.20 crores or more. If the above work of INR 2.20 crores has been done by the foreign partner of JV and the work was done in the country of the foreign partner then in addition to this, the foreign partner must have done works equal to INR 2.20 crores outside the country of the foreign partner. OR Two works of DDC (Detail Design Consultant) of Viaduct (of total length at least 7.7 km) and total 4 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.38 crores or more. OR Three works of DDC (Detail Design Consultant) of Viaduct (of total length at least 7.7 km) and total 4 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.10 crores or more. As per Addendum page 5R of NIT issued.	At least one work of DDC (Detail Design Consultant) of Viaduct (of at least 7.7 km length) and Stations (4 nos.) for Metro Rail / Light Rail / Railway of value INR 2.20 crores or more. OR Two works of DDC (Detail Design Consultant) of Viaduct (of total length at least 7.7 km) and total 4 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.38 crores or more. OR Three works of DDC (Detail Design Consultant) of Viaduct (of total length at least 7.7 km) and total 4 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.10 crores or more. As per Addendum page 5R of NIT issued.

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
			payment of more than 75 % of consultancy fee or consultancy fee of above 2.2 crores has been paid to consultant) work(s) during last seven years ending upto the date of submission of bid as given below: At least one work of DDC (Detail Design Consultant) of Viaduct (of at least 10 km length) and one separate work of Stations (5 nos.) for Metro Rail / Light Rail / Railway of value INR 2.20 crores or more for each work A single work fulfilling both viaduct and stations requirement will also be considered. If the above work of INR 2.20 crores has been done by the foreign partner of JV and the work was done in the country of the foreign partner then in addition to this, the foreign partner must have done works equal to INR 2.20 crores outside the country of the foreign partner. OR Two works of DDC (Detail Design Consultant) of Viaduct (of total length at least 10 km)	If the above two works each of INR 1.38 crores has been done by the foreign partner of JV and the work was done in the country of the foreign partner then in addition to this, the foreign partner must have done works equal to INR 1.38 crores outside the country of the foreign partner. OR Three works of DDC (Detail Design Consultant) of Viaduct (of total length at least 10 km) and total 5 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.10 crores or more. If the above three works each of INR 1.10 crores has been done by the foreign partner of JV and the work was done in the country of the foreign partner then in addition to this, the foreign partner must have done works equal to INR 1.10 crores outside the country of the foreign partner. AND Each substantial partner should have completed at least one DDC work of Viaduct and / or Station of value INR 2.20 crores or more.	

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RFP for Engagement of Detailed Design Consultant (DDC) for Civil, Architectural and E & M Works of Noida-Greater Noida Metro Corridor from Sector - 51 Noida to Greater Noida Sector - 2, Consisting of 9.605 Km Viaduct including 5 Elevated Stations

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
			and total 5 nos. of Stations for Metro Rail / Light Rail / Railway from two separate works all of value INR 1.38 crores or more. If the above two works each of INR 1.38 crores has been done by the foreign partner of JV and the work was done in the country of the foreign partner then in addition to this, the foreign partner must have done works equal to INR 1.38 crores outside the country of the foreign partner. OR Three works of DDC (Detail Design Consultant) of Viaduct (of total length at least 10 km) and total 5 nos. of Stations for Metro Rail / Light Rail / Railway through three separate works each of value INR 1.10 crores or more. If the above three works each of INR 1.10 crores has been done by the foreign partner of JV and the work was done in the country of the foreign partner then in addition to this, the foreign partner must have done works equal to INR 1.10 crores outside the country of the foreign partner. AND Each substantial partner should have completed at least one		





S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
86	Aarvee associates	Volume-1 NIT, 1.1.3.2 Minimum Eligibility Criteria, Page 5	DDC work of Viaduct and / or Station of value INR 2.20 crores or more. Two works of DDC (Detail Design Consultant) of Viaduct (of total length at least 10 km) and total 5 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.38 crores or more. If the above two works each of INR 1.38 crores has been done by the foreign partner of JV and the work was done in the country of the foreign partner then in addition to this, the foreign partner must have done works equal to INR 1.38 crores outside the country of the foreign partner. We understand that the norms for eligibility of the consultants for various DDC tender is around 60-65% of the total work as mentioned in the tender document (reference-DDC Agra tender by LMRC wherein the length of viaduct was 6.569 km with 6 elevated stations and the eligibility requirement was 4 km of viaduct and 4 elevated stations). Hence, considering the standard norms we request you to reduce the qualifying requirement length of viaduct to 5.76 km and	Two works of DDC (Detail Design Consultant) of Viaduct (of total length at least 10 km) and total 5 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.38 crores or more.	Two works of DDC (Detail Design Consultant) of Viaduct (of total length at least 7.7 km) and total 4 nos. of Stations for Metro Rail / Light Rail / Railway each of value INR 1.38 crores or more. As per Addendum page 5R of NIT issued.

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S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
			stations to 3 nos.		
87	Aarvee associates	Volume-1, NIT clause 1.1.3.2 Minimum Eligibility Criteria: Notes Page 5	We understand from this clause that any ongoing work entailing requisite length of viaduct and number of stations shall be eligible as well, however we propose that the clause should be read as follows: Value of successfully completed portion of any ongoing work up to 31.12.2019 will also be considered for qualification of work experience criteria for the works which are substantially completed, and the consultant having received more than 75% or above 2.2 crores of the consultancy fee duly certified by the Employer.	Notes: To substantiate experience the tenderer shall submit technical proposal with following details: Sub-point 2 Value of successfully completed portion of any ongoing work up to 31.12.2019 will also be considered for qualification of work experience criteria.	No change- As per RFP conditions
88	Aarvee associates	Volume-1, NIT Clause 1.1.3.2 Minimum Eligibility Criteria: Notes	We request the following clause should be read as follows: <i>In case of joint venture / Consortium, full value of the work, if done by the same joint venture shall be considered. However, if the qualifying work(s) were done by them in JV/Consortium having different constituents, then the value of work as per their percentage participation in such JV/Consortium shall be considered.</i>	Notes: To substantiate experience the tenderer shall submit technical proposal with following details: Sub-point 4 In case of joint venture / Consortium, full value of the work, if done by the same joint venture shall be considered. However, if the qualifying work(s) were done by them in JV/Consortium having different constituents, then the value of work as per their percentage participation in such JV/Consortium shall be considered.	No change- As per RFP conditions

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
89	Aarvee associates	Volume-1, NIT clause -1.1.3.2 Minimum Eligibility Criteria:	The requirement and eligibility of experts for this project are bit stringent considering the availability of experts. Hence, we would request you to please consider the following: D. Additional Requirements: Sub-point 3-6 The DDC team shall be headed by a 'Team Leader' having experience not less than 15 years in Metro Rail /Light Rail/ Railway projects of which minimum 7 years are in Metro rail projects and have handled minimum 02 projects of similar nature & complexity as Team Leader (sufficient proof shall be submitted to substantiate the qualification and experience). The team leader will be supported by following teams. ☐ Under heads of expertise team in each area of discipline (i.e. Structures, Architecture and Building Services including E&M works) shall be deployed who must have minimum experience of 10 years of relevant experience in the concerned field and have handled minimum 01 project of similar nature & complexity. In addition, the Expert (Viaduct-Super Structure) must have experience of design of U/C-Girder Superstructure. (sufficient proof shall be submitted to substantiate the qualification and experience). ☐ Under heads of expertise team, 'Experts' in each area of discipline (i.e. Structures, Architecture and Building Services including E&M works) shall be deployed who must have minimum experience of 07 years of relevant experience in the concerned field and have handled minimum 01 project of similar nature & complexity. In addition, the Expert team (Viaduct-Super Structure) must have experience of design of U/C-Girder Superstructure. (sufficient proof shall be submitted to substantiate the qualification and experience).	D. Additional Requirements: sub point 3 to 6 The DDC team shall be headed by a 'Team Leader' having experience not less than 15 years of MRTS as Team Leader and have handled minimum 02 projects of similar nature & complexity (sufficient proof shall be submitted to substantiate the qualification and experience). The team leader will be supported by following teams. ☐ Under team leader, 'Heads' of expertise team in each area of discipline (i.e. Structures, Architecture and Building Services including E&M works) shall be deployed who must have minimum experience of 10 years of relevant experience in the concerned field and have handled minimum 01 project of similar nature & complexity. In addition, the Expert (Viaduct-Super Structure) must have experience of design of U/C-Girder Superstructure. (sufficient proof shall be submitted to substantiate the qualification and experience). ☐ Under heads of expertise team, 'Experts' in each area of discipline (i.e. Structures, Architecture and Building Services including E&M works) shall be deployed who must have minimum experience of 07 years of relevant experience in the concerned field and have handled minimum 01 project of similar nature & complexity. In addition, the Expert team (Viaduct-Super Structure) must have experience of design of U/C-Girder Superstructure. (sufficient proof shall be submitted to substantiate the qualification and experience).	No change- As per RFP conditions

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
				☐ Under experts of each area of discipline, 'Key Members' shall be deployed who must have minimum experience of 05 years of relevant experience to handle projects of similar nature & complexity (sufficient proof shall be submitted to substantiate the qualification and experience). ☐ The technical proposal will be evaluated based on the capabilities /technical strength of staff proposed to be deployed.	
90	Aarvee associates	Volume 2, clause 2.1.2, Page 8	We would request client to provide no. of years of experience for this expert.	..The DDC shall deploy one BIM expert in addition to the team specified in organization structure and who shall be housed in either NMRC office at NOIDA. Decision of NMRC in this regard shall be final & binding..	Minimum 5 years experience on BIM platform As per Addendum page 8 R of scope of work issued.
91	Aarvee associates	Volume 2, clause 2.3, Page 10	We would request the client to list the approvals required from regulatory authorities .	The DDC shall obtain the necessary design and regulatory approvals from the appropriate authorities for the stations, station areas, and any associated joint developments. NMRC will provide co-ordination for this process.	No change- As per RFP conditions
92	Aarvee associates	Volume 2, clause 3.3, 3rd para, Page 14	We will provide most economical and efficient design solution for the services. The said statement is an open-ended statement and this will impact the overall	Several design alternatives may be required as per the site conditions or any other specific requirement of the project.	No change- As per RFP conditions

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
			resources estimated for this assignment. We request the client to limit the design alternatives to 3.		
93	Aarvee associates	Volume 2, clause 3.9.2.2, Page 26	We understand that the consultant will be provided with complete design calculations (with all formula's and links) and inputs files used for the design and related design inputs to do the proof checking. Only select components which require some additional design check will be performed by the consultant. Please confirm	The scope of DDC covers the Proof Checking of all the structural component of station building and its ancillary components including entries, exits, connecting corridors/FOBs etc submitted by the contractor. The proof-checking, which we assume will require counter-calculations/independent calculation to be performed. The adequacy between calculation reports and drawings, and ensure compatibility with contract provisions proposed construction sequence/Method statement.	No change- As per RFP conditions
94	Aarvee associates	Volume 2, Clause -2.1.2 Implementation of BIM System for DDC Services Page -	We request the following clause should be read as follows: The DDC shall deploy one BIM expert in addition to the organization structure and who shall be housed in either NMRC office at NOIDA or DDC's office in Delhi/NCR.	The DDC shall deploy one BIM expert in addition to the team specified in organization structure and who shall be housed in either NMRC office at NOIDA. Decision of NMRC in this regard shall be final & binding.	No change- As per RFP conditions
95	Aarvee associates	Volume 2,	It is understood from this	Upon its appointment, the DDC shall promptly	No change- As per RFP conditions

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S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
		Clause -5 5.1 General Page 42	clause that the main DDC team has to be housed in Delhi and a separate coordinating team of 3 members has to be deployed in NMRC office in Noida. For the DDC team to be housed in Delhi office space and workstations are to be arranged by DDC and for the coordinating team in NMRC Noida office, office space and workstations shall be provided by NMRC. Please confirm the same.	commence setting up its exclusive organization to the satisfaction of the NMRC and in confirmation with the organization chart and work experience requirements given in clause 1.1.3.2 of NIT of this Agreement, and shall be housed in one place in Delhi at his own cost. All works by the DDC shall be performed in Delhi unless otherwise approved by the NMRC in advance. In addition to this, a DDC team is to be required for coordinating the various activities at NOIDA. The team will be housed at NMRC NOIDA office for which three workstations shall be provided by NMRC.	
96	Aarvee associates	Volume 2 Clause -5 5.1 General Page 43	Please clarify for how many people does the space has to be provided.	The DDC shall provide desk space in its offices for intermittent use by NMRC staff. NMRC may regularly inspect/ oversee the working of the DDC.	No change- As per RFP conditions
97	Aarvee associates	Volume 1 ITT Clause -2.2.2 Page 9	We request the referred clause should be read as follows to be coherent with clause in Volume 2, Clause -5 ORGANISATION OF THE DETAILED DESIGN CONSULTANT 5.1 General Page 42 (refer above query in SNo. 12) The DDC shall establish an office within the premises allotted by NMRC and deploy required coordination staff & facilities therein in consultation with NMRC. The	The DDC shall establish an office within the premises allotted by NMRC and deploy required staff & facilities therein in consultation with NMRC. The NMRC will provide an unfurnished bare office space equal to 50 sqm (approx.) without any cost to DDC at a mutually convenient place	No change- As per RFP conditions



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S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
98	Ayesa	Clause 1.1.3.2, A, NIT, Page 5	NMRC will provide an unfurnished bare office space equal to 50 sqm (approx.) including three workstations without any cost to DDC at a mutually convenient place We understand the similar projects for this bid means combined DDC works of Structure, Architecture and E&M works (including building services). Please confirm.	At least one work of DDC (Detail Design Consultant) of Viaduct (of at least 10 km length) and Stations (5 nos.) for Metro Rail / Light Rail / Railway of value INR 2.20 crores or more If the above work of INR 2.20 crores has been done by the foreign partner of JV and the work was done in the country of the foreign partner then in addition to this, the foreign partner must have done works equal to INR 2.20 crores outside the country of the foreign partner.	As per Addendum of page 5R of NIT issued.
99	Ayesa	Clause 1.1.3.2, A, NIT, Page 5	We request the client to kindly consider Proof checking of structures as a similar work for eligibility for this tender for DDC work of Structures as the scope of works for this tender also clarifies that only proof checking has to be carried out for structures. Please confirm.	At least one work of DDC (Detail Design Consultant) of Viaduct (of at least 10 km length) and Stations (5 nos.) for Metro Rail / Light Rail / Railway of value INR 2.20 crores or more If the above work of INR 2.20 crores has been done by the foreign partner of JV and the work was done in the country of the foreign partner then in addition to this, the foreign partner must have done works equal to INR 2.20 crores outside the country of the foreign partner.	As per Addendum page 5R of NIT issued
100	Ayesa	Clause 1.1.3.2, A, NIT, Page 5	Since this is the primary qualification requirement for the bidder (either as a single entity or as a JV/Consortium), we request the Client to kindly consider that	At least one work of DDC (Detail Design Consultant) of Viaduct (of at least 10 km length) and Stations (5 nos.) for Metro Rail / Light Rail / Railway of value INR 2.20 crores or more If the above work of INR 2.20 crores has been done by the foreign partner of JV and the work was done in the country of the foreign partner	As per Addendum page 5R of NIT issued

RFP for Engagement of Detailed Design Consultant (DDC) for Civil, Architectural and E & M Works of Noida-Greater Noida Metro Corridor from Sector – 51 Noida to Greater Noida Sector – 2, Consisting of 9.605 Km Viaduct including 5 Elevated Stations

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
			this requirement for any substantial partner shall be fulfilled based on their percentage participation of the same substantial member of the JV/Consortium. Please confirm.	then in addition to this, the foreign partner must have done works equal to INR 2.20 crores outside the country of the foreign partner. Each substantial partner should have completed at least one DDC work of Viaduct and / or Station of value INR 2.20 crores or more.	
101	BALAJI RAILROAD SYSTEMS PRIVATE LIMITED	Volume 1, Notice Inviting Tender Clause No. 1.1.3.2, Minimum Eligibility Criteria Page no. 5	We request you to kindly amend the requirement for foreign partner of JV as below to encourage more participation in the bid: Either 1. If the above work of INR 2.20 crores has been done by the foreign partner of JV and the work was done in the country of foreign partner then in addition to this, the foreign partner must have ongoing similar project (of at least 10 km length and Stations (5 Nos.) for Metro Rail/ Light Rail/ Railway) outside his own country. Or 2. Kindly drop the additional requirement of must have done works equal to INR 2.20 crores outside their own country.	At least one work of DDC (Detail Design Consultant) of Viaduct (of at least 10 km length) and Stations (5 nos.) for Metro Rail / Light Rail / Railway of value INR 2.20 crores or more if the above work of INR 2.20 crores has been done by the foreign partner of JV and the work was done in the country of the foreign partner then in addition to this, the foreign partner must have done works equal to INR 2.20 crores outside the country of the foreign partner.	As per Addendum page 5R of NIT issued
102	BALAJI RAILROAD SYSTEMS PRIVATE LIMITED	Volume 1, Notice Inviting Tender Clause No. 1.1.2	We request client to kindly extend the submission date of Tender by at least 2 weeks'	Date & time of Submission of Tender 19.02.2020, 1700 hrs (IST)	Date & time of Submission of Tender 4.03.2020, 1700 hrs (IST)

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RFP for Engagement of Detailed Design Consultant (DDC) for Civil, Architectural and E & M Works of Noida-Greater Noida Metro Corridor from Sector – 51 Noida to Greater Noida Sector – 2, Consisting of 3.605 Km Viaduct Including 5 Elevated Stations

S.No	Query Raised By	Reference w.r.t RFP	Clarification Requested	Existing provision within RFP	Clarification/ Amendment by NMRC*
		Key Detail Date & time of submission of Tender Page No. 3	time from issuance of reply to pre-bid queries.		As per Addendum page 3 R of NIT issued.
103	FP Project Management	Cause No. 1.1.3.2, Minimum Eligibility Criteria	Please consider works done during last 10 years	A. Work Experience: The tenderers will be qualified only if they have completed work(s) during last seven years ending 31.12.2019	No change- As per RFP conditions
104	FP Project Management	1.1.3.2 A Work experience:	Please consider experience of underground metro as well. Also please clarify if DDC experience of all three disciplines Architect, structure and MEP is required. Please relax the criteria of 5 stations to minimum 3 stations.	A. Work Experience: The tenderers will be qualified only if they have completed work(s) during last seven years ending 31.12.2019 as given below: At least one work of DDC (Detail Design Consultant) of Viaduct (of at least 10 km length) and Stations (5 nos.) for Metro Rail / Light Rail / Railway of value INR 2.20 crores or more.	As per Addendum page 5R of NIT issued.


V.V Reddy
(DGM/Civil)
Place: Noida


Avinash Kumar
(DGM/ RS /E&O)


Rajan Prakash
(DGM/Finance)

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

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