

K-RIDE remarks to Pre-Bid queries for the work of **“Detailed Design Consultancy for Design of Receiving Sub Stations, 25 kV AC Traction Substations, Auxiliary Substations, Extra High Voltage & High Voltage Network, Auxiliary Network, 25 kV Flexible Overhead Equipment, 25kV Rigid Overhead Equipment and SCADA System including Simulation of complete system, EMI/EMC study, Load flow analysis, Protection relay Co-ordination, Insulation Co-ordination, Harmonics, Power Factor, Line Resonance, preparation of drawings, BOQ, Cost estimate, Technical documents for Corridors - 1, 2, 3 & 4 of BSRP project including associated depots and Design of 25 kV Flexible Overhead Equipment suitable for IR on the section of IR Km.211.325 to Km.216.200 in Corridor – 2, modifying same OHE suitable for BSRP afterwards”** held on 31st August 2023.

Sl.No.	Clause Reference	Relevant Quote	Query/Comment/Suggestion	Employer’s response
1.	Section-2 Clause No.3.3 Technical Eligibility Criteria:	Work Experience: The bidders will be qualified only if they have successfully completed similar work/works as defined in clause 3.3.b) at current FY: 2023-24 price level in the preceding five financial years (FY 2018-19 to FY 2022-23) and till the last day of the month previous to the month of bid as given below.	As the client is aware that there are not many Metro Rail/Rapid Rail Transit / High Speed Rail system projects completed in last 5 financial years, thus it is kindly requested to amend the requirement to “in the preceding ten financial years (FY 2013-14 to 2022-23)	Tender Condition prevails.
2.	Section-3 Form Exp 1	Work Experience Certificate	As the client is aware, that once the projects are completed and completion certificate have been issued by the client, It may not be possible to get the certificate issued by the clients again in the different formats as certain client follow their specific format for issuing the completion certificate as per their company policy. Thus, it is requested to omit the requirement of Form EXP-1 from the RFP document. For Kind Consideration.	The experience data available in already taken completion certificate should fulfil all the necessary details in the form EXP-1. Additional documents if any submitted by the bidder shall be subjected to acceptance by the employer and the decision of employer is final in accepting the document.

		order shall be final.		
5.	Section-2 Clause 28.4	Note: The Cost of Stamp duty of the contract agreement shall be borne by the contractor as per the Karnataka stamp duty Act.	The value of stamp paper required for contract agreement and the agreement registration charges may please be specified to understand the financial implications.	Please refer Karnataka stamp duty acts and its amendment.
6.	Section-8 Appendix-A List of Minimum Key Technical Personnel & Support Staff	Notes: 4. The CVs of all personnel shall be submitted for approval, at least 1 week in advance before deployment for approval of the Employer	It is understood from the various clauses that the CV of all the Key Experts are not required to be submitted along with the proposal. The CVs need to be submitted to the client before the deployment of the Key Experts on the project for approval by KRIDE. Kindly Confirm.	Tender Condition prevails and it is self-explanatory.
7.	General	Utilization of Parent Company Credential	We would like to comment that there are many multi-national Engineering Consulting Companies having registered office in India. Most of such companies having multiple offices around the world work as one team, in order to utilize of their bestresources on projects which may be in India or outside India. Thus, the parent company and the subsidiary companies/sister companies work together on delivering the projects successfully. It is, thus, requested that the bidders are allowed to submit the project experience of their parent/sister/subsidiary company and same may please be considered by KRIDE for technical proposal evaluation purpose.	Please refer Corrigendum-1.
8.	Section-3 Form PS-1; Letter of	(s) For the purpose of your evaluation, study, review and decision-making we are	The requirement of inspection of business premises should be omitted from the form, as it is not the requirement of project for the	Tender Condition prevails.

	Technical Bid	ready to let you inspect our business premises / site, etc	consultant to fulfil its obligation during the project or during the proposal evaluation.	
9.	Section-3 Form PS-1; Letter of Technical Bid	(v) If our bid is accepted, we agree to establish our project office in Bengaluru and will ensure all key staff availability.	It is understood that in case the consultant has existing office in Bengaluru, there shall not be requirement of opening separate office specifically for this KRIDE project.	Yes, subject to the condition below: However, in all likelihood, the existing office may not have sufficient space to accommodate all the required staff of KRIDE project and in all probability, the existing office may be at a far-away location, quite inconvenient to the members of the team to commute to the project site. In view of this frequently observed fact, it has been mentioned to establish a separate project office. If the consultant has an office in Bangalore, if in the opinion of the Employer the existing office is not very far-away and if in the opinion of the Employer the additional accommodation sufficient enough to freely accommodate (without any congestion) all the new members of KRIDE project (including all furniture, appliances etc. and parking space for all their vehicles) is constructed/taken on rent besides/ above/below the existing office or made available by vacating a part of the office, it may be considered as a project office by

	SECTION-8 Appendix A	Appendix A: List of Minimum Key Technical Personnel & Support Staff	It is understood that all the experts (Sl. No. 1 to 9) involved need not to be stationed in the Bengaluru Office, however they should be available in Bengaluru on as and when required basis. Kindly Confirm	the Employer, provided the additional/vacated accommodation is found adequate and the location of the existing office is found suitable by the Employer. The required key personnel for the delivery of the project shall be available at Bangalore. Shifting of the deployed personnel is not entertained and it should be done with prior approval from employer.
10.	Section-7 New Clause 4.17	However, in case of emergencies/urgencies/affecting safety the period of 14 days' notice shall be 24hours notice in writing. The Classification of work as emergencies/urgencies/affecting safety is the prerogative of Engineer and his decision is final and binding on the Consultant. Without prejudice to any other right or remedy, all additional expenditure properly incurred by the Employer in having such work or instruction carried out shall be recoverable by the Employer from the Consultant.	The client is requested to clarify the emergencies/urgencies and kindly elaborate on "all additional expenditure properly incurred by the Employer in having such work or instruction carried out shall be recoverable by the Employer from the Consultant" to have better understanding of the clause.	Tender Condition is self-explanatory.
11.	Section-2 Clause No.3.3 Technical Eligibility Criteria:	Notes 2. For completed works, the value of work done shall be updated to current FY 2022-23 price level assuming 10% inflation for Indian rupees every year or part thereof up to the month previous to the Bid	We understand the price level to be updated assuming cumulative 10% inflation = Cost of work done; X (1.1) ^(Total No. of Years) Please Confirm.	inflation = Cost of work done; X (1.1) ^(Total No. of Years) * [$(\frac{10}{12})$ * <i>no. of months</i> / 100) + 1]

		submission month.																							
12.	General			We request you to kindly allow Chartered Accountant/Statutory auditor along with the registration number and valid UDN for signature on the relevant forms wherein currently only statutory auditor is mentioned. For Kind Consideration.	Tender Condition prevails.																				
13.	Section-9 1.1 Stage 1 Payment	Deployment of all personnel, as given in tables B1 to B4 in Appendix-B of Section-8 (Terms of Reference) and establishment of office (with all furniture, computers and other equipment) in Bengaluru for the staff deployed in Bengaluru		There are no such table B1 to B4 in the RFP, so we understand it's a typographical error and client is referring to Appendix A. Kindly Confirm.	Please refer Corrigendum-1.																				
14.	Section-9 Stage 1 Payment & Stage 2 Payment	<table border="1"> <thead> <tr> <th>Head</th> <th>Description of work</th> <th>% of payment against the quoted price</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Deployment of all personnel, as given in tables B1 to B4 in Appendix-B of Section-8 (Terms of Reference) and establishment of office (with all furniture, computers and other equipment) in Bengaluru for the staff deployed in Bengaluru</td> <td>5%</td> </tr> <tr> <td>B</td> <td>Conducting and submitting report of load flow, EMC, EMI, Harmonics, Short circuit studies and all other simulation studies as stated in Section-8 of tender document with proof checker authorization and approval of all conceptual drawings as applicable</td> <td>20%</td> </tr> <tr> <td>C</td> <td>Submission of Detailed Design & Drawings, Good for construction drawing, Cost Estimates & Bid Documents for the construction of OHE, RSS, TSS, ASS & SCADA etc. as stated in Section - 8 of tender document.</td> <td>45%</td> </tr> <tr> <th>Head</th> <th>Description of work</th> <th>% of payment against the quoted price</th> </tr> <tr> <td>D</td> <td>Revision of all good for construction drawings for OHE, PSI, SCADA, RSS, TSS, AMS, ASS, other general electrical drawings, interface with construction contractor & support to the employer during construction stage etc. as mentioned in Section-8 of tender document</td> <td>15%</td> </tr> <tr> <td>E</td> <td>Approval of As-Built Drawings completion of any balance works as mentioned in Section-8 of tender document</td> <td>15%</td> </tr> </tbody> </table>	Head	Description of work	% of payment against the quoted price	A	Deployment of all personnel, as given in tables B1 to B4 in Appendix-B of Section-8 (Terms of Reference) and establishment of office (with all furniture, computers and other equipment) in Bengaluru for the staff deployed in Bengaluru	5%	B	Conducting and submitting report of load flow, EMC, EMI, Harmonics, Short circuit studies and all other simulation studies as stated in Section-8 of tender document with proof checker authorization and approval of all conceptual drawings as applicable	20%	C	Submission of Detailed Design & Drawings, Good for construction drawing, Cost Estimates & Bid Documents for the construction of OHE, RSS, TSS, ASS & SCADA etc. as stated in Section - 8 of tender document.	45%	Head	Description of work	% of payment against the quoted price	D	Revision of all good for construction drawings for OHE, PSI, SCADA, RSS, TSS, AMS, ASS, other general electrical drawings, interface with construction contractor & support to the employer during construction stage etc. as mentioned in Section-8 of tender document	15%	E	Approval of As-Built Drawings completion of any balance works as mentioned in Section-8 of tender document	15%	There is a discrepancy in the break-up of Payment Schedule given in Pg. 308 and 309 for the Head A to E i.e., 10% for A, 33% for B, 27% for C, 15% for D and 15% for E if we compare it with Table given in Pg. 307 for Stage 1 & 2 Payment Would request client to check and rectify the same	Please refer Corrigendum-1.
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<p>15.</p>	<p>Section-8 Appendix-A List of Minimum Key Technical Personnel & Support Staff</p>	<p>Table A - Key Experts Qualifications & Experience – Metro Rail / Rapid Rail Transit /High Speed Rail projects.</p>	<p>Would request to consider Railway, LRT & Monorail Projects along with Metro Rail / Rapid Rail Transit / High Speed Rail for all the Key Experts. For Kind Consideration.</p>	<p>Tender Condition prevails.</p>
<p>16.</p>	<p>Section-8 Appendix-A List of Minimum Key Technical Personnel & Support Staff</p>	<p>Table A - Key Experts Qualifications & Experience – Metro Rail / Rapid Rail Transit /High Speed Rail projects.</p>	<p>Would request to consider Graduate in Electrical & Electronics/Electronics & Communication/ Electronics & Telecommunication also along with Graduate in Electrical Engineering for all the Key Experts. For Kind Consideration.</p> <p>Also, would request client to consider Design Verification/Review along with Design Works for the Positions: Project Director, Team Head – OHE Installations, Team Head – Power Supply Installation as we are of understanding that Design Review also include complete knowledge of design and without knowledge of design, review could not be carried out. Therefore, would request client to consider Design Review/Design Verification as well.</p>	<p>Please refer Corrigendum-1.</p> <p>Tender Condition prevails.</p>

17.	Section-1 Clause No.35	<p>Last Date of Receipt and opening of Bids: The completed Tenders must be submitted through Karnataka Public Procurement Portal or www.kppp.karnataka.gov.in not later than 15.00 Hrs on 15/09/2023 and shall be opened on 16/09/2023 at 15.30 hrs</p>	<p>Bid preparation involves planning for huge quantum of works of designing 25 kV OHE (FOCS +ROCS), Traction Power Supply, SCADA, Auxiliary Network, RSS, Various Simulations including entire design & drawings and design verification of 4 corridors of 148 km, 2 Depots, 4 RSS, etc. Work involves such as finalizing the various survey agencies to get the commercial quote, collection of credentials, Planning and estimation of various resources and agencies. To prepare the Techno Commercial Economic bid, it requires the sufficient time considering the quantum of work involved.</p> <p>In view of the above, we would request the Client to kindly provide us an extension of minimum three (3) Weeks (i.e., up to 6th October 2023) from the current date of submission of the proposal, so that our bid team can get sufficient time from release of clarifications in compiling the submittals as per RFP requirement and submit competitive bid.</p>	Please refer Corrigendum-1.
18.	Section-8 Clause No.3.3 Technical Eligibility Criteria:	<p>b) Similar work is defined as below: “Consultancy for Design and simulation of 25 kV Overhead Equipment Traction system with Traction Power Supply, SCADA, and Auxiliary Power supply comprising of Load flow, harmonics, EMI/EMC, Earthing and bonding, Relay co-ordination and Protection for Elevated and At-Grade section of Metro Rail / Rapid Rail Transit / High Speed Rail system”</p>	<p>It is requested to change the Clause as under: “Consultancy for Design and simulation of 25 kV Overhead Equipment for Elevated OR At Grade Section of Metro Rail / Rapid Rail Transit / High Speed Rail system”</p> <p>As there is hardly any project in last 5 years where alignment is both elevated and at grade Section of Metro / Rapid Rail / High speed Rail System is available</p>	Please refer Corrigendum-1.

19.	Section-8 Clause 2.1 (i) of Chapter 2	DDC shall submit detailed feasibility report cum techno economical comparative studies, supported with Simulation studies for following options: i. 25kV AC Traction with BT & without BT for design speed of 90 KMPH all corridors ii. DDC shall recommend Techno Economical Traction System for BSRP corridors.	In the Corridor, either BT will be provided or not. Please confirm Simulations are required with BT or without BT. Once simulation is done with or without BT later on changing the simulation without and with BT requires total change in modelling and it will be treated as a new iteration for simulation and constitutes the variation. We understand that Details of all HT (220 KV, 132 KV, 66 KV) network shall be provided to DDC by employer	Please refer Corrigendum-1.
20.	Section-8 Clause 2.6.1.1 of Chapter 2	Task 1 Load Flow Study and others Loading in the Auxiliary Cabling networks during normal and outage case to finalize the size of the cable. DDC to submit detailed calculations in soft copy and hardcopies as well.	It is understood that DPR of the project will be shared and provide to the DDC. Kindly Confirm It is requested to clearly mention the number of hard Copies required.	DPR of BSRP is available on K-RIDE website (i.e., https://kride.in/wp-content/uploads/2021/09/Detailed-Project-Report-BSRP.pdf) Please refer Corrigendum-1.
21.	Section-8 Clause No.2.6.2.1 of Chapter 2	Detail design of 25kV AC OHE System y) Station Working Rule Diagrams Z) Station Working Instructions	Station Working rule and Instructions are always in the scope of the operation and maintenance department in coordination with Operator who have to run the system, <i>it is therefore requested to delete the requirement of Station Working rule and Instructions from the scope of DDC.</i> For Kind Consideration. DDC will validate the design requirement	Tender condition prevails.
22.	Section-8	Task 2	<i>It is pertinent to mention that EHT Cable</i>	Tender condition prevails.

	Clause No.2.6.2.3 of Chapter 2	Detailed design of RSS/ AMS/TSS/ASS System d EHT Cable X-Bonding Arrangement	<i>Cross bonding depends upon the cable length, therefore only Typical cable Bonding arrangement to limit the sheath voltage will be submitted.</i> For Kind Consideration.	
23.	Section-8 Clause No.2.6.10.1 (ii) of Chapter 2	TASK 10 DDC will design Emergency Trip System (ETS) system and its cable management system for all the corridors and depots. The ETS system should be duly integrated functionally with SCADA system locally as well as from OCC & BCC.	As per NFPA 130, ETS system (Blue Light Station) is generally provided for the underground Corridor. <i>Please confirm does the Emergency Trip System (ETS) is required for all the corridors and depots.</i>	Please Refer Corrigendum-1
24.	Section-8 Clause 2.6.13.2 of Chapter 2	SAFETY CERTIFICATION OF THE NETWORK BY ISA and CMRS. As per flow of ISA certification, DDC shall submit design and drawings for review of Independent Safety Assessor (ISA) to be engaged by Employer.	During the time of ISA and CMRS, support of DDC has been asked for furnish of design and drawings. It is paramount importance to inform that at that time main contractor will be on Board and all design detail along with drawing will be available with him. In addition entire vendor data, Type Test Report, Factory test Report, Site Test Report (duly witnessed by him) will be available with him for providing the detail to ISA and CMRS. <i>In view of above, it is earnestly requested, to delete the requirement of submitting design and drawings for review of Independent Safety Assessor (ISA) and CMRS.</i>	DDC shall submit all the necessary forms in the required formats or ISA/CMRS certification. If there are any additional forms/formats introduced by the certifying agency, the same shall be prepared and submitted by DDC. The filled forms by executing contractor shall be reviewed and verified by DDC.
25.	Section-8	Task 14	DDC will be responsible for providing the	Tender condition prevails.

	Clause No.2.6.14.1 (i) of Chapter 2	<p>Services to be performed by the DDC prior to the award of contract to system contractor</p> <p>i Available information</p> <p>Any data, information, standards not available with the Employer/Employer's Representative shall have to be collected by the DDC at their own cost.</p>	<p>design and relevant drawings. DDC will arrange the standards (for internal use) for the production of design.</p> <p><i>However, other detail, which is not in the control of DDC is requested to be provided by Employer.</i></p>	
26.	Section-8 Clause No.2.6.14.1 (iii) of Chapter 2	<p>Task 14</p> <p>Services to be performed by the DDC prior to the award of contract to system contractor</p> <p>iii. Relevant Statuary Authority's Approvals, as applicable</p> <p>If any new type of equipment is proposed to be used, its safety worthiness will have to be evaluated and sanction of relevant statuary authority will have to be obtained. Detailed investigation and testing will have to be done in this connection.</p>	<p>DDC is the designer and required to produce the design and drawings. DDC is not in a position to evaluate the safety worthiness of the new type of equipment.</p> <p><i>We understand, this work is to be done Independent accredited lab by testing the equipment as per relevant standard and performing the desired test. For railway or Metro rail equipment, RDSO is authorized agency to carry out the above work.</i></p> <p>In view of above, it is requested to kindly delete this from DDC's Scope of work.</p>	Tender condition prevails.
27.	Section-8 Clause No.2.6.14.1 (iv) of Chapter 2	<p>Task 14</p> <p>Services to be performed by the DDC prior to the award of contract to system contractor</p> <p>iv. Detailed Design Para 2</p> <p>The DDC's design shall take into account the installation (implementation and commissioning) requirements of the system wide information.</p>	<p>It is pertinent to mention that role of DDC is produce design and drawings.</p> <p>1. However, all the works mentioned as installation (implementation and commissioning) requirements of the system wide information shall take catered into DDC' design has no significance. In Fact, these programs are to be captured in the project work schedule.</p>	DDC shall submit all the necessary design documents, drawings, calculation/simulation results required for execution contractor. DDC also to submit required documents for interfacing with other designated contractor.

		DDC will be required to suitably interface with designer/contractor of various systems for their proper interface/interconnection with the Elevated/at grade/Underground portion and mainline to depots.	<p>2. Similarly works of interface with designer/contractor of various systems for their proper interface/interconnection with the Elevated/at grade/Underground portion and mainline to depots, do not come in the purview of the DDC</p> <p><i>As per prevailing practice i.e GC to NCRTC for RRTS Project, above work 1 & 2 come in the ambit of General consultant prior to the award of contract to system contractor. It is therefore requested to kindly amend the clause suitable by entrusting the responsibility of said to GC rather than DDC.</i></p>	
28.	Section-8 Clause No.5.1.1 of Chapter 5	<p>Construction Programme and Contract packaging The DDC shall submit ---</p> <ul style="list-style-type: none"> ▪ Construction programme based upon its methods of construction and work sequences. The program shall include interface activities with system-wide and other contractors and operational dates. <p>DDC construction implementation schedule demonstrating 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.</p>	<p><i>As indicated in S. No 10,,</i></p> <ol style="list-style-type: none"> 1. Construction programme based upon its methods of construction and work sequences, are not in the expertise and domain of DDC. It is onus of expertise of GC and contractor 'expertise to manage the above work 2. Similarly DDC is not having any expertise in the field construction implementation schedule. <p><i>It is therefore requested to kindly amend the clause suitable by entrusting the responsibility of said to GC rather than DDC.</i></p>	Tender condition prevails.
29.	Section-8 APPENDIX B, Stage -1 Key Dates	<p>APPENDIX -B Stage -1 Key Dates</p>	Time period for achieving each Key date indicated is extremely tight. Moreover, liquidity damages has also been imposed for breaching each key Date	Please refer Corrigendum-1.

	of Chapter-2		<p><i>After detailed due diligence, DDC has Proposed reasonable and realistic time period against each key date, detail of which is enclosed as <u>Annexure - 1</u></i></p> <p><i>It is earnestly requested to kindly accept the proposed Time period for Completion of various Key Dates along with revised penalty requirement without changing the overall penalty requirement</i></p>	
30.	Section-7 New Clause - 10	<p>Integrated testing and system commissioning</p> <p>Integrated Testing, Compilation of Test results, Retesting,</p> <p>Failure to Pass Test - If the Works, or a part thereof, or a Section, fail to pass Integrated Testing and Commissioning and the Consultant in consequence proposes to make any adjustment or modification to the Works or a part thereof, or a section, the Engineer may, with the approval of the Employer, instruct the Consultant to carry out such adjustment or modification, at his own cost and to satisfy the requirements of Integrated Testing and Commissioning within such time as the Employer / Engineer may deem to be reasonable.</p>	<p>DDC work is design and produce the relevant drawings and also to perform simulations as indicated in the scope of work.</p> <p>Integrated Testing and commissioning depended on the performance of different equipment used in the project.</p> <p>DDC have no control on the quality of the Product procured by the Main contractor in the Project.</p> <p><i>As this clause is not having any significance for DDC scope of work, it is therefore requested to kindly delete it.</i></p>	Please refer Corrigendum-1.
31.	Section-8	Progress review and Planning meeting	We earnestly request to have the Progress	Agreed. However, the consultant

	Foot Note of Appendix -B,	to be held at KRIDE office on 1st week of every month for stage 1 & stage 2 of project. Attendance of each staff including the key expert and support staff is compulsory on this meeting.	review and Planning meeting on every month on Team's meeting as in the present day of advanced communication it is very easy to have detailed meeting worldwide on Microsoft Team's. Yes, it is agreed that for some important issue, face to face meeting is inevitable, same will be attended by each staff including Key Expert of DDC. In view of above, it is requested to kindly waive off attending Progress review and Planning meeting Face to Face at KRIDE office and permit it to attend it on Team's unless the issue is of paramount importance	personnel/staff shall attend the meeting in person as per the requirement of employer with prior notice.
32.	Section-8, Annexure-A, List of minimum Key Technical Personal & Support Staff	CAD Engineer (Max. Age: 50 Years) - Graduate in Electrical Engineering from a reputed institution with 3 years of experience in CAD works in Metro Rail / Rapid Rail Transit / High Speed Rail projects.	For CAD Engineer, it is important to have proficiency in preparation CAD Drawing of OHE (require Mechanical Engineer) and PSI, which can met even if the minimum qualification is Diploma in Electrical/Mechanical Engineer with 3 year of experience. As it is difficult to get the CAD Engineer with Graduate in Electrical Engineering. It is therefore requested to relax the requirement from Graduate Engineer to Diploma in Electrical/Mechanical Engineer.	Please refer Corrigendum-1.
33.	Section-8 Clause 1.8	KRIDE intends to engage a competent and experienced Design Consultant for Detailed Design Consultancy of RSS	DDC scope is to Design and Produce drawings and perform simulation.	Please refer Corrigendum-1.

		cum 25 kV AC Traction Substations and AMS..... Proof check of Design of 25kV Rigid OHE and Associated Works and supply & training for design software, for Corridor-1,2,3 & 4 of BSRP project including depots at Soldevanahalli and Devanahalli	If required. We can arrange other open software which are available in the Market like ETAP, ETRAX , etc .	
34.	Section-7 New Clause – 9	Defect liability period of 12 months will be applicable for design, drawings and software after commissioning of the project. DLP will be applicable to the design if same design/design with least changes is adopted by the construction contractor. However, the decision of the employer in this regard is final.	Engagement of Consultant is not usual for Design Consultant. Employer may confirm the same as it will have an financial implications for the staffs to be kept ideal for any work during the DLP.	Tender condition prevails.
35.	Section-7 New Clause – 10	Integrated testing and system commissioning	Usually the Testing and commissioning is under the scope of contractor (who will be executing the work). Kindly clarify the scope between Design Consultant, GC and Contractor.	Please refer Corrigendum-1.
36.	Section-7 New Clause – 20,	20.1.1 No later than 30 (thirty) days prior to the likely completion of the Railway Project, the Consultant shall prepare and submit to the Authority's Engineer the documents required for seeking approval of the Commissioner of Railway Safety in accordance with the provisions of the Railways Opening for Public Carriage of Passenger Rules, the Indian Railway Permanent Way Manual or the Indian Railways Manual of A.C.	Preparation of CRS document is usually under the responsibility of Execution Contractor. Kindly clarify the scope between Design Consultant, GC and Contractor.	Please refer reply of Sl.no.24.

		Traction, as the case may be, and notify the Authority's Engineer of its intent to subject the Railway Project to Tests.		
37.	Section-7 New Clause – 20	20.1.2 All Tests shall be conducted in accordance with as per relevant Schedule at the cost and expense of the Consultant; provided, however, that the trial running on railway track shall be undertaken at the cost and expense of the Authority.	Performing Test during the CRS is usually under the responsibility of Execution Contractor. Kindly clarify the scope between Design Consultant, GC and Contractor.	Please refer Corrigendum-1.
38.	Section -7 New Clause – 20	20.3 Completion of Punch List items	We understand that the completion of punch list items under the scope of consultant will be limited to the design related works only. Kindly clarify the scope between Design Consultant, GC and Contractor.	Tender condition prevails.
39.	Section-8 Clause 1.3	Tentative receiving substations	Missing information may be furnished or the timeline for the information may be provided considering the stringent delivery schedule of project.	Suitable locations of RSS for each corridor of BSRP shall be studied and submitted by DDC.
40.	Section-5 12. CONSULTAN T'S RISKS	12.1 All risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract other than the excepted risks are the responsibility of the Consultant.	Please add 'solely attributable to consultant's fault'	Tender condition prevails.
41.	Section-5 49. TERMINATIO N	49.1 The Employer may terminate the Contract if the other party causes a fundamental breach of the Contract.	Only Employer has the right to terminate the contract. As part of mutual regard, consultant should have the right to terminate in case of non-payment or any other breach by the	Tender condition prevails.

42.	Section-7 New Clause-4.18 (c)	the Consultant shall be responsible for this part and it shall, when the Works are completed, be fit for such purposes for which the part is intended as are specified in the Contract; and	The “fit for purpose” standard is considered as a higher standard than “reasonable skill and care”, therefore consultant will perform the work with standard of “reasonable skill and care”	Tender condition prevails.
43.	Section-7 New Clause-4.17	(i) The whole or such portion of the Performance Security amount shall be liable to be forfeited by the Employer at the discretion of the Employer, in the event of any breach of Contract on the part of the Consultant.	Performance Security should be linked to the performance issue only and not with ‘any breach’ of the contract.	Tender condition prevails.
44.	Section-2 Clause 2.2 c	<p>Clause 2.2 c: - Each partner must satisfy the following criteria individually: “Consultancy for Design and simulation of 25 kV Overhead Equipment Traction system with Traction Power Supply, SCADA, and Auxiliary Power supply comprising of Load flow, harmonics, EMI/EMC, Earthing and bonding, Relay co-ordination and Protection for Elevated and At Grade section of Metro Rail / Rapid Rail Transit / High Speed Rail system” at least for a period of 5 years prior to the of submission of application. (From FY: 18-19 to FY: 22-23)</p> <p>AND</p>	<p>As this type of design tenders are not commonly floated and not many consultants have experience of such design tenders. To enhance capacity of Indian Consultants and to promote Atma nirbhar Bharat Mission kindly include the clause as <u>‘The JV/consortium as a whole must satisfy both Technical and Financial eligibility criteria, but the members will be jointly and severally responsible.’</u></p> <p>Also, we request client to modify related clauses as follows:</p> <p>Clause 2.2 c: - c. <u>The JV/consortium as a whole must satisfy following criteria:</u> “Consultancy for Design and simulation of 25 kV Overhead Equipment Traction system with Traction Power Supply, SCADA, and Auxiliary Power supply comprising of Load flow, harmonics, EMI/EMC, Earthing and bonding, Relay co- ordination and Protection for Elevated and At Grade section of Metro Rail / Rapid Rail Transit / High</p>	Tender condition prevails.

Requirement	Single Entity	Joint Venture			Submission Requirements
		Lead Partner	Other Partners	All partners combined	
Clause: 3.2.(a) (Minimum Average Annual turnover)	Must meet the requirement	Must meet 50% of the requirement	Must meet 25% of the requirement	Must meet the requirement	Form FIN-2
Clause: 3.2 (b) Similar work	Must meet the requirement	Must meet 50% of the requirement	Must meet 25% of the requirement	Must meet the requirement	Form at para 1.3/section:3
Clause: 3.4 One component	Must meet the requirement	All Partners Combined Must Meet requirement			Form at para 1.4/section:3
Clause: 3.5(b) Liquidity	Must meet the requirement	Must meet 50% of the requirement	Must meet 25% of the requirement	Must meet the requirement	Form at para 1.10/section:3

		<p>3.11 ELIGIBILITY CRITERIA TABLE/MATRIX:</p> <table border="1"> <thead> <tr> <th rowspan="2">Requirement</th> <th rowspan="2">Single Entity</th> <th colspan="3">Joint Venture</th> <th rowspan="2">Submission Requirements</th> </tr> <tr> <th>Lead Partner</th> <th>Other Partners</th> <th>All partners combined</th> </tr> </thead> <tbody> <tr> <td>Clause: 3.2.(a) (Minimum Average Annual turnover)</td> <td>Must meet the requirement</td> <td>Must meet 50% of the requirement</td> <td>Must meet 25% of the requirement</td> <td>Must meet the requirement</td> <td>Form FIN-2</td> </tr> <tr> <td>Clause: 3.2 (b) Similar work</td> <td>Must meet the requirement</td> <td>Must meet 50% of the requirement</td> <td>Must meet 25% of the requirement</td> <td>Must meet the requirement</td> <td>Form at para 1.3/section:3</td> </tr> <tr> <td>Clause: 3.4 One component</td> <td>Must meet the requirement</td> <td colspan="3">All Partners Combined Must Meet requirement</td> <td>Form at para 1.4/section:3</td> </tr> <tr> <td>Clause: 3.5(b) Liquidity</td> <td>Must meet the requirement</td> <td>Must meet 50% of the requirement</td> <td>Must meet 25% of the requirement</td> <td>Must meet the requirement</td> <td>Form at para 1.10/section:3</td> </tr> </tbody> </table>	Requirement	Single Entity	Joint Venture			Submission Requirements	Lead Partner	Other Partners	All partners combined	Clause: 3.2.(a) (Minimum Average Annual turnover)	Must meet the requirement	Must meet 50% of the requirement	Must meet 25% of the requirement	Must meet the requirement	Form FIN-2	Clause: 3.2 (b) Similar work	Must meet the requirement	Must meet 50% of the requirement	Must meet 25% of the requirement	Must meet the requirement	Form at para 1.3/section:3	Clause: 3.4 One component	Must meet the requirement	All Partners Combined Must Meet requirement			Form at para 1.4/section:3	Clause: 3.5(b) Liquidity	Must meet the requirement	Must meet 50% of the requirement	Must meet 25% of the requirement	Must meet the requirement	Form at para 1.10/section:3	<p>Speed Rail system” at least for a period of 5 years prior to the of submission of application. (From FY: 18-19to FY: 22-23) AND Clause 3.11 Eligibility Criteria Table/Matrix</p> <p>Clause: 3.2 (b): Similar work : Joint Venture: All Partners Combined Must Meet requirement For kind consideration.</p>	
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45.		Estimated Project Cost	<p>As this is a Least Cost Project, financial plays a crucial part in awarding the contract. Therefore, we request client to <u>kindly provide an estimated project cost.</u> <u>For clarification.</u></p>	Tender condition prevails.																																	
46.		Office Location	<p>We understand that the client will provide DDC with furnished office space to station its team for smooth delivery of its duties. This will help to reduce cost for delivery of the project and in turn will make project more feasible for client. For clarification and consideration.</p>	Tender condition prevails.																																	
47.	Section-2 Clause No. 3.3	b) Similar work is defined as below: “Consultancy for Design and simulation of 25 kV Over- head Equipment Traction system with Traction Power Supply, SCADA, and Auxiliary Power supply comprising of Load flow, harmonics, EMI/EMC, Earthing and bonding, Relay co-	<p>There is not much technical difference between the 25Kv OHE systems in Indian Railway projects and the instant project of Bangalore Suburban Rail Project. Design speed of both the systems are comparable. There are very few projects, having the</p>	Tender condition prevails.																																	

		<p>ordination and Protection for Elevated and At- Grade section of Metro Rail / Rapid Rail Transit / High Speed Rail system”</p>	<p>features matching the current RFP requirements, Simulation aspect in particular.</p> <p>These stipulations lead to restrictive participation by bidders/ limited competition.</p> <p>Of late, several state and central government promoted railway corporations Viz., G-RIDE, DFCC, ORDIL, MRIDC, HRIDC etc., have been executing the railway projects that include 25 Kv OHE system. Detailed project Reports for these railway corporations have components, features and specifications that are similar to the present project of Bangalore Suburban Railway project.</p> <p>We therefore request you to relax the eligibility conditions as follows: “Consultancy for Design/Design Review/ Detailed Project Report and simulation of 25 kV Overhead Equipment Traction system with Traction Power Supply, SCADA, and Auxiliary Power supply comprising of Load flow, harmonics, EMI/EMC, Earthing and bonding, Relay co-ordination and Protection for Elevated and or At-Grade section of Railways/ Metro Rail / Rapid Rail Transit / High Speed Rail system”.</p>	
48.	SECTION-8:	<u>Table A- Key Experts</u>	For all the Key experts; requirement of	Tender condition prevails.

	<p>APPENDIX-A LIST OF MINIMUM KEY TECHNICAL PERSONNEL & SUPPORT STAFF S.no 1 to 9</p>	<ol style="list-style-type: none"> 1. Project Director 2. Team Head – OHE Installations 3. Team Head – Power Supply Installations 4. Team Head – Simulation Studies 5. Resident Engineer cum Interfacing Expert 6. OHE Designer 7. PSI Engineer 8. Simulation Engineer 9. CAD Engineer 	<p>experienced is specified as Metro Rail/ Rapid Rail Transit / High Speed Rail.</p> <p>Rapid Rail Transit / High Speed Rail projects are very few in numbers and this concept is evolving.</p> <p>As such experts experienced in these projects will be quite few in number.</p> <p>We request you to kindly include experience in Railway projects as well, as the scope is similar in nature.</p>	
<p>49.</p>	<p>Section-2 Clause No. 2.2c.i.</p>	<p>General consultancy experience for the period of years stated in Tender document (Instructions to Tenderers: The intending Tenderer / firm / company / joint venture shall provide evidence that it has been actively engaged in work of</p> <p>“Consultancy for Design and simulation of 25 kV Overhead Equipment Traction system with Traction Power Supply, SCADA, and Auxiliary Power supply comprising of Load flow, harmonics, EMI/EMC, Earthing and bonding, Relay co-ordination and Protection for Elevated and At Grade section of Metro Rail / Rapid Rail Transit / High Speed Rail system”</p>	<p>We understand that this is a Detailed Design Contract and Eligibility Criteria as specified is limited to Detailed Design and Simulation Study of 25kV OHE Traction, Power Supply only. Experience in General Consultancy Project shall not be considered in this project. Kindly confirm</p> <p>Kindly introduce the work “Detailed Design”, instead of only Design</p>	<p>Please refer Corrigendum-1</p> <p>Tender condition prevails.</p>

50.	Section-2 Clause No. 3.4	Minimum component of work 10 Route km (consisting of UP and Down)	We understand that the Route Length should be comparable with the size of the Project. At least 30 Route Km either Up or Down should be considered. Please clarify	Tender condition prevails.
51.	Section-2 Clause No. 3.4 Note 4	For para 3.4: Similar work done for single line will not be considered for evaluation. Replace CA audit with Statutory Auditor wherever applicable, except in qualification of experts	Applying for issuance of such certificate from a statutory auditor is quite a cumbersome, time taking and costly process. We would request you to either allow the Chief Finance Officer (CFO) of the Company to sign or a Registered Chartered Accountant. This shall also be compliant	Tender condition prevails.
52.	Section-3 Clause No.1.2	Total value of Design/consultancy works executed and payments received in the preceding five Financial Years. (` In Crores) (attach certificate from Statutory Auditors)		
53.	Section-3 Form FIN-1, 2.	Contents of this form should be certified by a statutory auditor		
54.	Section-3 Form Fin-2 Point No.3	Contents of this form should be certified by a Statutory Auditor		
55.	Section-3 Pg. 88	Form for Undertaking for Not Being in The Process of Debt Restructuring K- RIDE We do hereby undertake that we have not applied for obtained corporate debt restructuring in immediately preceding 36 months from the last date of online lender submission. A certificate to this effect from our statutory auditors is enclosed herewith	We understand that these forms are more relevant for Construction Contractors. However, in case consultants need to provide the same, kindly all the declaration from the Authorized Signatory or the CEO of the company. Applying for issuance of such certificate from a statutory auditor is quite a cumbersome, time taking and costly process. Participants which are mostly International Consultants working	Tender condition prevails.

			in more than 60-70 countries is trust worthy	
56.	Section-3 Form 8	Remuneration of staff	We understand that these rates are being asked to compensate, in case the duration of the project is extended. We would request you to allow us to provide MM Rates – since those shall be absolute numbers and not affected by other non-man month related costs. Moreover, there shall also be a requirement of escalation of such rates, in case of any extension for reasons not attributable to DDC	Tender condition prevails and it is self-explanatory. Kindly refer Form-8 of section-3.
57.	Section-8 Appendix-B	Stage-1 Key Dates	We understand that this project involves 4 corridors, which shall have different Civil Construction contractors with different dates of commissioning. Hence it will be very difficult to complete DDC for all 4 corridors in the given time – as various inter-related factors shall affect the finalization of input data required for finalizing the simulation studies, design, etc. Hence, the following is suggested: <ul style="list-style-type: none"> - All activities be linked to the date of availability of data, required to start the project, which may be different for 4 corridors - Since, there will be a lot of dilemma, kindly remove the Penalty Clauses – this shall only complicate the execution of the contract from either parties 	Please refer Corrigendum-1.
58.	Section-9 Clause 1.1	Stage-1 Payment	All payments are split into various heads unlike the Key Dates (as per Pg. 301,	Please refer Corrigendum-1.

			Appendix-B). Both are matching. Kindly get a synchronous activity and payment simultaneously	
59.	Section-8 Appendix-B Clause 1.2	Stage-2 Work During this stage Employer/ Employers representative have a right to decide interim KEY dates and this Key need to be achieved by consultant.	Since, K-RIDE doesn't have a clear view on such dates at the bidding stage, hence we understand that these dates may be mutually discussed and agreed upon at the opportune moment. DDC shall be cooperative/ flexible in terms of managing the project – however, any changes shall be mutually agreed upon.	Agreed, but decision of employer shall be binding and final in this regard.
60.	Section-8 Appendix-B Note 1	Progress review and Planning meeting to be held at KRIDE office on 1st week of every month for stage 1 & stage 2 of project	We would request you to kindly allow all meetings through VC mode – this shall make the discussion more flexible and economic	Kindly refer reply of Sl.No.31
61.	Section-8 Chapter-2 Clause 2.6.14.1 ii.	Additional Information The DDC shall, as required, carry out field survey and soil investigations including Soil Resistivity tests. The cost of these services shall be included in the Lump sum cost set forth in the contract agreement	We understand that it will be difficult to assess the quantum of such surveys. It will be prudent and efficient for K - RIDE to provide these data or getting it undertaken by the survey agency as per the actual requirement. We would request you to kindly remove this from the scope of the DDC	Tender condition prevails.
62.			We understand that DDC need to finalize the tentative location of the RSS, TSS, evaluating options of supply from available power sources. Please confirm if DDC need to do the Route Survey for the same – since this will be an additional cost involving at least 15-20 working days of work and surveys	Tender condition prevails.
63.	Section-8 Chapter-2 Clause 2.3	Validation of Contractor's Design	We understood from the pre-bid meeting that all Designs shall be done by DDC and Construction Contractor's Role shall be	Construction contractor may modify the design/drawings as found necessary for construction as a value

			limited to preparation of shop drawings only. Construction Contractor shall not be doing any design and all designs shall be done by DDC only. Kindly clarify and elaborate the Role of Contractor in Design, if any	engineering proposal. Any modification shall be reviewed and approved by DDC.
64.	Section-8 Appendix-A Table-A	Appendix – A Table A -Key Experts	We understood during the pre-bid meeting that Sr. 1-4 shall only be considered as Key Experts and Sr. 5-9 shall be considered as Non-Key Expert. Kindly confirm	Please refer Corrigendum-1.
65.			We understand that the non-Key shall need to be deployed on a regular basis in Bangalore, only for the Stage-1 of the Contract. Kindly Confirm	Tender condition prevails.
66.	Section-2 Clause 3.2a	Required average annual turnover (in all classes of design/consultancy work): The intending Tenderer/ firm/ company/ Joint Venture should have achieved a MINIMUM AVERAGE ANNUAL TURNOVER of 3.00 Cr. in last five Financial Years from 2018-19 to 2022-23.	We understand that this is quite a big project. Generally, in all Railway Contract, 150% of the fees/ budget is considered as minimum for Annual Turnover. However, the given budget is very less. Kindly enhance it to at least 25-30 Cr	Tender condition prevails.
67.	Section-2 F. Award of Contract Clause 26.1	Subject to Clause 27, the Employer will award the Contract to the Tenderer whose Tender has been determined to be substantially responsive to the Tender documents and who has offered the lowest evaluated Tender Price , provided that such Tenderer has been determined to be (a) eligible in accordance with the provisions of Clause 2, and qualified in accordance with the provisions of Clause 3.	Detailed Design of Traction Power Supply requires quite high technical calibre and extensive experience. Very few Engineering Consultancies are currently doing such projects (unlike Civil, Architecture, MEP DDCs), since the financial values are not very lucrative - thus encouraging more participation for GC/ PMC Contracts. We would request you to kindly consider QCBS selection as it has been followed for	Tender condition prevails.

			GC, since the value addition from the DDCs shall no less than the GC or even more. Such change shall encourage International Firms to participate in more numbers which in turn, shall add value to the competition and the project.	
68.	Section-2 Clause 2.2 (c) (i)	<p>Each partner must satisfy the following criteria individually:</p> <p>General consultancy experience for the period of years stated in Tender document (Instructions to Tenderers: The intending Tenderer / firm / company / joint venture shall provide evidence that it has been actively engaged in work of</p> <p>“Consultancy for Design and simulation of 25 kV Overhead Equipment Traction system with Traction Power Supply, SCADA, and Auxiliary Power supply comprising of Load flow, harmonics, EMI/EMC, Earthing and bonding, Relay co-ordination and Protection for Elevated and At Grade section of Metro Rail / Rapid Rail Transit / High Speed Rail system”</p> <p>at least for a period of 5 years prior to the of submission of application. (From FY: 18-19 to FY: 22-23)</p>	<p>The work definition is quite restrictive and no metro railway / IRCON / RVNL / NCRTC etc. have adopted such approach. A reasonable criterion could be</p> <p>“Consultancy for Design / Design Review of railway system for any metro railway / RRTS / High Speed railway etc. necessarily including traction and power supply system in last 7 years” (From FY16-17 to FY22-23)</p>	Tender condition prevails.
69.	Section-2 Clause 3.2 (b)	The Tenderer/Firm/Company/JV should have satisfactorily completed at least one / two / three similar	Instead of 5 years, please extend it to 7 years	Tender condition prevails.

		<p>work(s) of the value not less than that mentioned in clause 3.3 a) at current FY: 2023-24 price level in the preceding five financial years (FY 2018-19 to FY 2022-23) and till the last day of the month previous to the month of bid submission.</p> <p>NOTE: The criteria above apply to the Individual Tenderer/Firm/company/Joint venture also. Certificate regarding the same duly signed by an officer not below the rank of the Executive Engineer to be submitted along with the technical Tender. The certificate from Project Manager of Client / Concessionaire OR Independent Engineer (Project Management Consultant of Client / Concessionaire) duly validated by the Employer /SPV/Corporation can also be considered</p>		
70.	Section-2 Clause 3.3 (a)	<p>Technical Eligibility Criteria:</p> <p>a) Work Experience: The bidders will be qualified only if they have successfully completed similar work/works as defined in clause 3.3.b) at current FY: 2023-24 price level in the preceding five financial years (FY 2018-19 to FY 2022-23) and till the last day of the month previous to the</p>	Instead of 5 years, please extend it to 7 years	Tender condition prevails.

		<p>month of bid as given below.</p> <p>i. At least three “Similar Work” each of value Rs. 2.00 Cr. or more. Or ii. At least two “Similar Works” each of value Rs.3.00 Cr. or more Or iii. At least one “Similar Work” of value Rs. 4.00 Cr. or more</p> <p>NOTE: Value of successfully completed phases of any ongoing traction and power supply design work within the period mentioned above, will also be considered towards qualification of work experience criteria, provided these phases have been tested, commissioned and put into operation.</p>		
71.	Section-2 Clause 3.3 (b)	<p>Similar work is defined as below:</p> <p>“Consultancy for Design and simulation of 25 kV Overhead Equipment Traction system with Traction Power Supply, SCADA, and Auxiliary Power supply comprising of Load flow, harmonics, EMI/EMC, Earthing and bonding, Relay co-ordination and Protection for Elevated and At- Grade section of Metro Rail / Rapid Rail Transit / High Speed Rail system”</p>	<p>Suggested criteria as under:</p> <p>“Consultancy for Design / Design Review of railway system for any metrorailway / RRTS / High Speed railway etc. necessarily including traction and power supply system in last 7 years” (From FY16-17 to FY22-23)</p> <p>Additionally, the bidder should meet the following criteria for specific work components:</p> <ol style="list-style-type: none"> 1 Detailed design of at least 2 nos. 66kV (or higher)/25kV/33kV receiving cum traction cum auxiliary main substations 2 Detailed design of 33kV distribution 	Tender condition prevails.

			<p>system and Auxiliary substations for at least 5 nos.</p> <p>3 Detailed design of OHE LOP/SED for at least 50 track-km of OHE for any metro railway / RRTS / HSR / mainline railway including minimum nos. switching posts</p> <p>4 Detailed design of SCADA system for any metro / RRTS / railway</p> <p>5 Traction simulation study for 25kV or 2x25kV system for any metro / RRTS / mainline railway – at least 2 projects</p> <p>6 EMC / EMI simulation for any railway project – 2 projects minimum</p> <p>7 Load flow studies including harmonic and power quality study – 2 projects</p> <p>8 Relay coordination study for any metro / monorail / mainline railway / RRTS etc. – 2 projects</p>	
72.	Section-2 Clause 3.4	<p>The intending Tenderer / firm / company / Joint Venture should have executed the components within last five financial years and Each component should have been executed in any one year (Any continuous 12 months).</p> <p>“Consultancy for Design and simulation of 25 kV Overhead Equipment Traction system with Traction Power Supply, SCADA, and Auxiliary Power supply comprising of Load flow, harmonics, EMI/EMC, Earthing and bonding, Relay</p>	<p>If SN 4 (above) is accepted, then this clause can be modified as:</p> <p>Each member of JV should have experience of at least any of the 4 specific work experience out of 8 described in per Clause 3.3 (b)</p> <p>Further, 5 years and ‘any continuous 12 months’ appears to be avoidable restrictive criteria</p>	Tender condition prevails.

		<p>coordination and Protection for Elevated and At - Grade section of Metro Rail / Rapid Rail Transit / High Speed Rail system” - 10 Route KM (Consisting of UP & DN lines)</p> <p>OR</p> <p>The intending Tenderer / Firm / Company / JV should have satisfactorily completed the similar work(s) for a Metro Rail / Rapid Rail Transit / High Speed Rail System at least one Corridor of any length consisting of UP& DN lines at current FY: 2023-24 price level in the preceding five financial years (FY 2018-19 to FY 2022-23) and till the last day of the month previous to the month of bid submission.</p>		
73.	Section-1 Note No.10	Please note that drawings, if any, referred in the tender document, but not uploaded with the tender document, can be viewed in this office on any working day. The Tenderer can also have a copy of the same on payment of non-refundable cost of 5,000/- (Rupees Five Thousand only) by a e-Payment mode (credit card/debit card/net banking/UPI) in favor of Rail Infrastructure Development Company (Karnataka) Limited, Bangalore.	We are an MSME registered company in micro enterprise category. We request to kindly consider exemption in payment of tender fees / cost towards tender document.	Tender condition prevails.
74.	Section 2: Additional Instruction to	The Technical bids along with the Earnest Money Deposit (EMD) i.e., Rs.10,00,000/- can be paid through e-	We are an MSME registered company in micro enterprise category. We request to kindly consider exemption in	Tender condition prevails.

	<p>Tenderers: 13.7</p>	<p>payment as specified in sub clause 10.1.1 and 13.7 of Section. 2 of ITT in the e-procurement portal only using any of the following Five modes: Online Modes: Credit Card/ Direct Debit /Net Banking Offline Modes: National Electronic Fund Transfer (NEFT) /Over the Counter (OTC)</p>	<p>payment of Earnest Money Deposit (EMD).</p>	
<p>75.</p>	<p>Section 2: Instructions to Tenderers 2.2 JOINT VENTURES</p>	<p>c) Each partner must satisfy the following criteria individually: i. General consultancy experience for the period of years stated in Tender document (Instructions to Tenderers: The intending Tenderer / firm / company / joint venture shall provide evidence that it has been actively engaged in work of</p> <p>"Consultancy for Design and simulation of 25 kV Overhead Equipment Traction system with Traction Power Supply, SCADA, and Auxiliary Power supply comprising of Load flow, harmonics, EMI/EMC, Earthing and bonding, Relay co-ordination and Protection for Elevated and At Grade section of Metro Rail / Rapid Rail Transit / High Speed Rail system"</p> <p>at least for a period of 5 years prior to the of submission of application. (From FY: 18-19 to FY: 22-23)</p>	<p>It is requested to modify the refereed RFP clause as below- (c) Each partner must satisfy the following criteria individually: i. General consultancy experience for the period of years stated in Tender document (Instructions to Tenderers: The intending Tenderer / firm / company / joint venture shall provide evidence that it has been actively engaged in work of</p> <p>"Consultancy for Detailed Design of Power Supply and Traction system for Elevated and at-Grade section of Metro Rail / Rapid Rail Transit / High Speed Rail system/Railways."</p> <p>at least for a period of 5 years prior to the of submission of application. (From FY: 18-19 to FY: 22-23)</p>	<p>Tender condition prevails.</p>

76.	Section 2: Instructions to Tenderers (ITT) 3.3 Technical Eligibility Criteria:	b) Similar work is defined as below: “Consultancy for Design and simulation of 25 kV Overhead Equipment Traction system with Traction Power Supply, SCADA, and Auxiliary Power supply comprising of Load flow, harmonics, EMI/EMC, Earthing and bonding, Relay co-ordination and Protection for Elevated and At-Grade section of Metro Rail / Rapid Rail Transit / High Speed Rail system	Following modification in definition of Similar work is requested It is requested: b) Similar work is defined as below: Consultancy for Detailed Design of Power Supply and Traction system for Elevated and at-Grade section of Metro Rail / Rapid Rail Transit / High Speed Rail system/Railways. In addition, “Specific work” clause may be added, as under- c) Experience in Metro Rail / Rapid Rail Transit / High Speed Rail system/Railways projects comprising of the following items: 1) Detailed design of Receiving Substation - 03 Nos. 2) Detailed Design of Auxiliary Substation - 10 Nos. 3) Power Supply load flow and Traction Simulation-01 No. 4) Detailed Design/Design Review of 25kV OHE & Traction Sub-Station-01 No. 5) EMC and EMI Study - 01 No. 6) Detailed design of Protection coordination Study- 01 No. 7) Detailed Design of Earthing & Bonding - 01 No. 8) Detailed Design of SCADA	Tender condition prevails.
77.	Section 2: Instructions to Tenderers Clause No.3.4	The intending Tenderer / firm / company / Joint Venture should have executed the components within last five financial years and Each component should have been executed	Consequently, to acceptance of request at S.no.2(above), this clause to be change as below: Each member of JV should have experience	Tender condition prevails.

		<p>in any one year (Any continuous 12 months).</p> <p>“Consultancy for Design and simulation of 25 kV Overhead Equipment Traction system with Traction Power Supply, SCADA, and Auxiliary Power supply comprising of Load flow, harmonics, EMI/EMC, Earthing and bonding, Relay coordination and Protection for Elevated and At - Grade section of Metro Rail / Rapid Rail Transit / High Speed Rail system” - 10 Route KM (Consisting of UP & DN lines)</p> <p>OR</p> <p>The intending Tenderer / Firm / Company / JV should have satisfactorily completed the similar work(s) for a Metro Rail / Rapid Rail Transit / High Speed Rail System at least one Corridor of any length consisting of UP & DN lines at current FY: 2023-24 price level in the preceding five financial years (FY 2018-19 to FY 2022-23) and till the last day of the month previous to the month of bid submission.</p>	<p>of at least any of the 4 specific work experience out of 8 items described under Clause 3.3 (c)</p>	
78.	<p>Section 8: 1.1 Stage-1 Key dates 1.1 Stage-1 Payment</p>	<p>1.1 Stage-1 Key dates 1.1 Stage -1 Payment</p>	<p>The following modifications in the Stage payment terms are proposed: (i) Group of Key dates (as mentioned in Annexure B of Section 8) may be considered as a one milestone for payments. (ii) Provision for stage payments against submission and approval may kindly be added.</p>	<p>Tender condition prevails.</p>

79.	Section 8: 1.2 Stage-1 Payment	Details of Payment Heads A, B, C, D, E	It is requested to modify as per the changes requested at S.no.4 above.	Tender condition prevails.
80.	Section 8: Appendix-A List of minimum key technical personnel & support staff	Table-A Key Experts	It is requested to modify Table-A Key Experts as per attached Annexure-A.	Tender condition prevails.
81.	Section 1 : Point No.35	Last Date of Receipt and opening of Bids: The completed tenders must be submitted through Karnataka Public Procurement Portal or www.ktp.karnataka.gov.in not later than 15.00 Hrs on 15/09/2023.	As per the discussions held during the pre-bid meeting on 31/08/2023, it was communicated by K-RIDE that the responses to the pre-bid queries would be uploaded on 8 th September 2023. After the said date of release of reply to pre-bid queries, only one week will be available for preparation and submission of bid. Generally, three weeks of time is given for bid submission after the release of response to pre-bid queries. Therefore, it is requested that bid submission date may please be extended for at least two weeks to get adequate time for submission of comprehensive proposal.	Please refer Corrigendum-1.
82.	Sction-2 2.ELIGIBLE TENDERERES Clause No.2.2 C	c) Each partner must satisfy the following criteria individually: i. General consultancy experience for the period of years stated in Tender document (Instructions to Tenderers: The intending Tenderer / firm / company / joint venture shall provide evidence that it has been actively engaged in work of "Consultancy for Design and simulation of 25 kV Overhead Equipment Traction system	Our request in this regard is to allow ongoing project for 3rd Rail Traction System (where design stage upto tender award is completed and execution is ongoing) also in addition to 25KV Overhead Equipment Traction system. We also request you to allow separate projects from power sector (transmission and distribution assignments) to meet the requirement of SCADA, and Auxiliary Power	Tender condition prevails.

		with Traction Power Supply, SCADA, and Auxiliary Power supply comprising of Load flow, harmonics, EMI/EMC, Earthing and bonding, Relay co-ordination and Protection for Elevated and At Grade section of Metro Rail / Rapid Rail Transit / High Speed Rail system” at least for a period of 5 years prior to the of submission of application. (From FY: 18-19 to FY: 22-23)	supply comprising of Load flow, harmonics, EMI/EMC, Earthing and bonding, Relay co-ordination and Protection studies as this experience is also valid experience.	
83.	Section-2 Clause No. 3.3.b Technical Eligibility Criteria	b) Similar work is defined as below: “Consultancy for Design and simulation of 25 kV Overhead Equipment Traction system with Traction Power Supply, SCADA, and Auxiliary Power supply comprising of Load flow, harmonics, EMI/EMC, Earthing and bonding, Relay co-ordination and Protection for Elevated and At-Grade section of Metro Rail / Rapid Rail Transit / High Speed Rail system”	We understand that if we have received Rs. 4 crores from an ongoing Detailed Design Consultancy metro rail project involving 750 V DC third rail traction, it can be considered towards Technical Eligibility criteria to meet the eligibility as JV member.	Tender condition prevails.
84.	Section-2 Clause No 3.3.b Technical Eligibility Criteria	b) Similar work is defined as below: “Consultancy for Design and simulation of 25 kV Overhead Equipment Traction system with Traction Power Supply, SCADA, and Auxiliary Power supply comprising of Load flow, harmonics, EMI/EMC, Earthing and bonding, Relay co-ordination and Protection for Elevated and At-Grade section of Metro Rail / Rapid Rail Transit / High Speed Rail system”	Our request in this regard is to allow 3 rd Rail Traction System also in addition to 25KV Overhead Equipment Traction system.	Tender condition prevails.
85.	Section-2 Clause No	3.2 The following qualification criteria should be met by the intending	We understand that this clause can be met jointly by JV Partners.	Kindly refer Clause no. 3.11 of

	3.2.b Technical Eligibility Criteria	Tenderers b) The Tenderer/Firm/Company/JV should have satisfactorily completed at least one / two / three similar work(s) of the value not less than that mentioned in clause 3.3 a) at current FY: 2023-24 price level in the preceding five financial years (FY 2018-19 to FY 2022-23) and till the last day of the month previous to the month of bid submission.		Section-2 of tender document.
86.	Section-2 Clause No. 3.4	3.4 The intending Tenderer / firm / company / Joint Venture should have executed the components within last five financial years and Each component should have been executed in any one year (Any continuous 12 months).	We understand that this clause can be met jointly by JV Partners.	Kindly refer Clause no. 3.11 of Section-2 of tender document.
87.	Section-2 Clause No 2.2	Note: The Joint Venture agreement needs to be registered under "The Registration Act 1908" after the issue of LOA. Incorporation of the JV is not expected	We request you to allow formation of JV / Consortium without requirement of registration under registration act as per the consultancy industry practice.	Tender condition prevails.
88.	Section-5 Chapter C. Quality Control	32. UNCORRECTED DEFECTS 32.1 If the Consultant has not corrected a Defect within the time specified in the Employer's notice, the Employer will assess the cost of having the Defect corrected, and the Consultant will pay this amount.	We presume the overall liability of the consultant, including this clause is limited to contract value payable to the Consultant	Tender condition prevails.

89.		Insurance policies	We presume that our umbrella insurance policy, which we maintain for adequate value from reputed insurance agency and which covers all our projects for professional indemnity and third party liability will be acceptable.	Tender condition prevails and it is self-explanatory.
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