



**MUMBAI METROPOLITAN REGION DEVELOPMENT
AUTHORITY**

Mumbai Monorail Administration Building
Next to Wadala Depot Monorail Station, Wadala (E),
Mumbai - 400 031, India
Monorail-PIU



Pre-Bid Meeting Minutes

Pre-bid meeting for the “**Design, Manufacture, Supply, Installation, Testing, Commissioning and Maintenance of Train Simulator for Mumbai Monorail Project**” was held on 13.03.2019 at 15.00 hrs. at 4th floor conference room, New MMRDA building, BKC, Bandra (E), Mumbai - 400 051.

Following bidders were present for the pre bid meeting/submitted the queries:-

1. **SYDAC Simulation Technologies IND Pvt. Ltd.**
2. **LANDER SIMULATION & TRAINING SOLUTIONS.**
3. **Kyoritsu KEW India Instruments Pvt. Ltd.**
4. **CRRC ZELC (INDIA) PVT. LTD.**
5. **Indra Sistemas India Pvt. Ltd.**
6. **Electropneumatics & Hydraulics (India) Pvt. Ltd.**

Written clarification is attached with this letter. Bidders are requested to read the pre bid meeting clarification carefully, and submit their bids accordingly within the specified time.

These clarifications are part and parcel of the tender document.

**Sd/-
Chief Operating officer
Mumbai Monorail -PIU**

CLARIFICATION TO THE QUERIES OF “**DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND MAINTENANCE OF TRAIN SIMULATOR FOR MUMBAI MONORAIL PROJECT**”.

PRE-BID MEETING HELD ON 13th March, -2019 AT 15.00 HRS.

Sr. No.	Clause No./Page No.	Query	Clarification
1	Page No.44 Bullet No.2 Real Driving Controls	The list of required Real Driving control is Blank. Please clarify what real driving controls are required	List of driver controls for each component of the panel is mentioned next to the photograph of the component panel.
2	Page No.44 Desk Replica Trainee Station	Confirm the master controller, seat and all the push buttons and switches will be issued free of cost by the operator. We do not need any of the displays.	It is bidder's responsibility to procure these items at their cost.
3	Page No. 44 Simulation cabin	Please confirm the scope is only for the driver's Desk, and not the full Cabin.	No. Scope includes full cabin. However backside of the cabin can be open
4	Page No. 44 Bullet No. 3 4k LED Curved TVs 65" for visualization	Note that for standard COST 65" curved screen the nominal radius is 4.2m. This is not sufficient to produce a continuous curve screen with 3 monitors of 180 degrees. Are alternative to this requirement allowed?	Yes, alternative is allowed. However the alternative should be of superior quality, of latest technology compared to the one specified in the tender document. The alternative need prior approval of MMRDA.
5	Page No. 55 Bullet No. 2 Simulation of mirrors to check passengers in picture in picture	Please confirm that Picture in Picture referenced here refers to a 3D rendering of the mirror the forward scene as contrasted showing forward scene.	Yes, It is confirmed
6	Clause No.11 of Page No. 9 & Clause No.4 of Page No.26	There seems to be some mistake in terms of number of months as both these clauses are not matching, please clarify.	DLP period is 36 months form the date of acceptance of the system by MMRDA team
7	Clause 15 of Page No. 9	Please clarify whether the documents has to be apostille by the bidder.	Yes. apostille in required

Sr. No.	Clause No./Page No.	Query	Clarification
8	Clause 1.6 & 1.6.2 Of Page No.13	We would request you to kindly let us know the validity period of the Bank Guarantee whether it is 365 days or 3 years	BG should be valid for 42 months covering entire DLP period.and additional six months claim period after completion / termination of the contract.
9	Clause No. 2.4 (ii) Page No. 16	Kindly clarify whether Power of attorney has to be apostille or not.	Yes, apostille is required
10	Clause No. 2.4(iii) Page 16 – Request kindly if the	Request kindly if the same is required for foreign bidder also.	Wherever applicable
11	Clause No. 2.4 (vi)Page 16	Should it be Format it be Format IV & V?	As per format IV & V for details on Clause 2.4(VII)
12	Clause No.2.4 (viii)Page 16	Should it be format VI?	As per format (VI) for details on Clause 2.4 (vii)
13	Clause No. 2.4 (xi) Page 16	Should it be Format II?	As per format (II) for details on Clause 2.4 (ix)
14	Clause No.(x) Page 17	Should it be Format III?	As per format (III) for details on Clause 2.4 (x)
15	Clause 2.5 (b) Page No. 17	Please clarify whether we can bid in foreign currency since we are a company based in Spain.	All amount to be INR only. All payments by MMRDA will be in INR only.
16	Desk Replica Trainee Station	As the scale 1:1 is required according to the tender documents, it will be easy to procure master controller, driver's desk and other equipment's from the original vendor. Can MMRDA help to procure such items or provide the vendor info to us?	It is bidder's responsibility to procure these items at their cost.
17	Clause 10, Page 52	The display specification of 4 screen of HMI should be provided by MMRDA. And also, please provide the Train electrical schematic.	Size should be 43" or more non touch commercial grade LED TVs

Sr. No.	Clause No./Page No.	Query	Clarification
18	9.Eligibility Criteria	For example, AR is the Authorized Representative of OEM (B). So, AR register in the e-Tendering Portal, and submit the tender documents. At the meantime, all the financial and performance proof, technical proposal should be from OEM (B), and the contract will be signed between OEM (B) and MMRDA. If the above understand is right or not? Pls confirm.	All evaluation and contract to be signed with the bidder only
19	Clause 3	What does this mean, can we consider this time period for submission of bid?	No. The bid has to be submitted and online control transfer of bid should be done by the bidder as per tender schedule given in bid document.
20	Clause 1.10	Does MMRDA informs any specific date of visit or the bidder should get prior appointment for the site visit.	The site inspection can be done on 28/03/19 & 29/03/19 from 11:00 am to 18:00 pm
21		Is there any "Make in India" preference, pls clarify.	No such clause is there in the bid
22	9.Eligibility Criteria	In our mind, if the bidder is a subsidiary/associate, the technical and financial capacity of their respective principals would also be eligible for consideration of the bid. Pls confirm	Technical & financial capacity of the bidder alone will be considered
23	9.Eligibility Criteria	In our mind, if the OEM fulfill the requirement of eligibility criteria, then the consortium of OEM and an Indian local company is also eligible for consideration of the bid. Pls confirm.	In case of Consortium, all the partners should qualify eligibility criteria.
24	1.10	When can we apply to visit the site of the work? And whom should we contact with?	The site inspection can be done on 28/03/19 & 29/03/19 from 11:00 am to 18:00 pm. Contact person – S.Satpathy - +91 9819516147, osdppctc@mailmmrda.maharashtra.gov.in