



**ORANGE & GREEN LINE IITS PACKAGE- A PROJECT
RESPONSES TO QUERIES RAISED DURING AND SUBSEQUENT TO THE
PRE-BID MEETING HELD ON NOVEMBER 30, 2020**

SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED (SIDCL)

GOVERNMENT OF PAKISTAN



RESPONSES TO BIDDERS QUERIES - 5

IN RELATION TO THE

**DESIGN, DELIVERY, INSTALLATION, SUPPORT AND MAINTENANCE AND TRANSFER OF AN
INTEGRATED INTELLIGENT TRANSPORT SYSTEM (IITS)**

PACKAGE – A & B

FOR THE

BUS RAPID TRANSIT SYSTEM OF THE ORANGE AND GREEN LINES

ISSUED ON: 24TH DECEMBER 2020



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NO. SIDCL/COO/OPS/2020/8313
DATED 24TH DECEMBER, 2020

SUBJECT: PRE-BID MEETING IN RESPECT OF “DESIGN DELIVERY, INSTALLATION, SUPPORT AND MAINTENANCE AND TRANSFER OF AN INTEGRATED INTELLIGENT TRANSPORT SYSTEM FOR PACKAGE-A & B” PPRA REFERENCE TS-435671E AND TS-435672E, ADVERTISED ON 7TH NOVEMBER 2020.

THE PRE-BID MEETING FOR THE SUBJECT PROJECT WAS HELD ON 30TH NOVEMBER 2020 AT 2:30 PM IN THE COMMITTEE ROOM OF SIDCL, KARACHI.

THE QUESTIONS/QUIRIES WERE RECORDED /OBTAINED IN WRITING, AND RESPONDED-TO WITH APPROVAL OF THE PROCUREMENT COMMITTEE OF THE BOD.

THIS DOCUMENT IS ISSUED IN CONNTINUATION OF RESPONSE DOCUMENTS-1, 2, 3 & 4 AND BE READ IN CONJUNCTION WITH THE ADDENDA-1 AND UPDATED REVISED RFP AVAILABLE ON AUTHORITY’S WEBSITE.

ISSUED WITH APPROVAL OF THE COMPETENT AUTHORITY,
SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED

IMPORTANT NOTE:

Prospective Bidders are hereby apprised that the Authority shall not entertain any queries ten (10) days prior to the submission of bids. The Authority reserves right not to respond to any further query similar in nature to that of already responded-to in this document.



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S No.	Name of Bidder	Reference to RFP – Document	Bidder Query/Question	SIDCL's Response / Clarification(s)
1	A Hamson	Package B	Separate Servers for “EMS Software, Signal Priority System Software, NMS for Green Line and Orange line” should be quoted or share the existing hardware? As no server specs are given.	EMS Server is specified at item 2.001 of BoQ. NMS and Signal Priority System Software may share the hardware.
2	A Hamson	Package B	Clarifications about Wi-Fi Mesh Based Infrastructure Static devices. Are these devices installed on stations to provide wireless connectivity to “Bus on Board Units”, and will there be same wireless controller for both Green Line and Orange Line or separated for both.	Wi-fi mesh devices will be installed at the stations and along the corridor where required. They will provide connectivity to Bus throughout the complete corridor. Separate wireless controller for green and orange line are clearly mentioned in BoQs of respective line.
3	A Hamson	Package B	WIFI segment has no network security appliance, please advise if any required with specifications.	Wireless Network management system is also supposed to provide security functions also. If in the opinion of bidder additional security device is needed, it may be mentioned as additional item. In that case, bidders are encouraged to provide a cost-effective solution at the design stage within the quoted prices. Additional payments shall not be made on this account.
4	A Hamson	Package B	In Orange Line, no NVR is required for Local video storage?	NVR for Orange Line are not currently considered.
5	A Hamson	Package B	For “Software-Fiber Optic Backbone Network (OCC to Stations)” Single NMS for both Green Line and Orange Line is required or separate NMS for both?	Separate NMS are required for each line.



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6	A Hamson	Package B	For IP Phones, 1 PABX is required for both Lines both Green Line and Orange Line?	Same PABX with 256 lines capacity will be used for both lines.
7	A Hamson	Package B	Network Security Appliance Specifications (Title wise) with numbers of users?	Each security device must be capable of at least 512 users.
8	A Hamson	Package B	Usage of Two separate Video Walls (Kindly explain)	The two walls should be configurable for any usage based on the requirement.
9	A Hamson	Package B	Define Split of storage server SAS & NAS (HDD)	If the question is about split of SSD and SAS drives. It should be at least 10% SSD.
10	A Hamson	Package B	Detailed specifications of XEON Server required.	Broad specifications are already provided. Bidders are required to adhere to these broad specifications and provide a detailed design compliant to the broad specifications.
11	A Hamson	Package B	15U Racks is not shown in RFP whereas in survey it has been highlighted (In RFP 9U Racks is demanded)	Please follow the BoQ. 9U Racks are required.
12	A Hamson	Package B	IP Telephone- Hand Set classification for receptionist, Managers etc.	IP phone quantity is mentioned in BoQ.
13	A Hamson	Package B	Fish Eye camera not shown in RFP but has been seen diagram provided to us. Hence, how many & what specification.	Fish eye camera is not required.
14	A Hamson	Package B	PTZ (Camera) Optical zoom not defined in RFP. Please share.	At least 30x optical zoom is required.
15	A Hamson	Package B	UPS for traffic signal need clarification. One hour backup (Whereas in UPS specification it is not mentioned demanded) & IP67 rack asked for controller, will UPS be outside and is there a need of any specific IP for UPS system. Please clarify.	UPS is required for outdoor. Must have IP 66.



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16	A Hamson	Package B	Public Addressing System (PA System) brand installed by BRT for checking compatibility of PA System Switch.	ToA IP based brand Public address system is being installed.
17	GCS (Pvt) Ltd	1.004 "Training room video screen set-up (including all hardware components, installation components, works, software, implementation in OCC, silver screen and projector)".	Training room video screen specifications, Silver Screen Specifications and Projector Specifications are not mentioned in RFP	Specifications for projector: Minimum True 4K resolution, minimum 3000 lumens, HDR, long life lamp Screen: Size minimum 120-inch diagonal, Non-Transparent back coating, motorized.
18	GCS (Pvt) Ltd	9.002 "Business Continuity & Disaster Recovery Option for Video storage system at 13.001 above to be installed at Green line Bus Depot"	Required storage capacity and specifications are not mentioned clearly in RFP	DRS must have at least 256 TB of Storage with other specifications same as the main system