

“Contract for Design, Manufacture, Supply, Installation, Testing And Commissioning of (A). Electrical and Mechanical (E&M) Including Hydraulics, Fire Safety Systems, UPS & DG Sets (B). Environmental Control System (ECS) and Building Management System (BMS) (C). Tunnel Ventilation System (TVS) and TVS - SCADA Works For Underground Stations, Intermediate Vent Shaft And Associated Tunnels Of East – West Corridor Of Ahmedabad Metro Rail Project – Phase I”

Clarification to Queries (Set-09, dated 03-08-2018) received subsequent to the Prebid Conference

IFB No: MEGA/UG/E&M-01 Dt: 18-04-2018

S.N.	Book No.	Part &Section Reference	Clause no.	Page no.	Tender Condition	Tenderer's query	GEC Response
1	5	Volume-2 Tender Drawings	Station Air Conditioning Air Flow Schematics		Smoke Extractions from rooms.	Please clarify the requirements for smoke extractions arrangement for Technical & non-Technical rooms like ,Mess Room, SCR,SER,TOM,Cash & Audit, DB Room,First Aid Rooms,Security Room,UPS Battery Room,UPS(Telecom/Battery),CDMA,GSM room.	Tender Drawings are for reference only. Contractor to develop detail design conforming to Technical Specifications and applicable standards, and submit the same to Engineer for approval. Tender Conditions prevails.
2	5	Volume-2 Tender Drawings	Station Air Conditioning Air Flow Schematics		Smoke Extractions for plant rooms.	Please Clarify smoke extraction arrangement for Plant room Like,ECS,TVS,ASS Rooms,ASS+TSS,Fire Pump room & Chiller Plant Room.Provide Scheme.	Tender Drawings are for reference only. Contractor to develop detail design conforming to Technical Specifications and applicable standards, and submit the same to Engineer for approval. Tender Conditions prevails.
3	5	Volume-2 Tender Drawings	Station Air Conditioning Air Flow Schematics		Standby arrangements for VEF's & VSF's	Please Confirm The standby arrangements for ventilations for ECS plant rooms,TVF plant rooms,Toilets,Lockers & Chiller plant rooms.Provide Scheme.	Tender Drawings are for reference only. Contractor to develop detail design conforming to Technical Specifications and applicable standards, and submit the same to Engineer for approval. Tender Conditions prevails.
4	5	Volume-2 Tender Drawings	Station Air Conditioning Air Flow Schematics		Ventilation strategy for ancillary building	Please provide air flow schematics indicating ventilation strategy for ancillary buildings....	Tender Drawings are for reference only. Contractor to develop detail design conforming to Technical Specifications and applicable standards, and submit the same to Engineer for approval. Tender Conditions prevails.
5	-	Executive summary report, SN 3 to addendum-1 dated 19-06-2018	Table 13	11 of 14	Nos.of Air handling units at each station	As per table 13 and subsequent table 14,15,16,17, one no. AHU is mentioned for BOH rooms & one number AHU is for SCR+signal Rooms, But at stations these rooms are at both end of the stations, covering both ends with one AHU's may not possible,Kindly review and clarify.	Executive Summary shared is for reference purpose only. Contractor to interface with designated Contractor for the requirements of Systems rooms, and submit detailed design to the Engineer for approval. Tender Conditions prevails.
6	4	Section VI , Vol-1 PS, Part B- ECS & BMS systems	A 22	ECS-181	Intake & Extract Louvers	External Louvers will be in scope of civil.Please Confirm.	All internal & external louvres are in the scope of E&M Contractors. Tender Condition prevails.
7	5	Volume-2 Tender Drawings	Schematics		ASS Layout	As per schematic three transformers are to be considered,which requires three ASS rooms,whereas incase of Gheekanta station autocad drawings only two ASS are mentioned.Kindly clarify whether the same schematic is to be followed for Gheekanta or is there any change.	Tender Drawings are for reference only. Contractor to develop detail design conforming to Technical Specifications and applicable standards, and submit the same to Engineer for approval. Tender Conditions prevails.

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8	5	Volume-2 Tender Drawings	Schematics		ASS Layout	As per our design consideration ASS room is not sufficient to accommodate all the main panels for E&M services.PI clarify weather it can be increased or some other additional location will be provided for panel Placement.	Tender Drawings are for reference only. Contractor to develop detail design conforming to Technical Specifications and applicable standards, and submit the same to Engineer for approval. Tender Conditions prevails.
9	5	Volume-2 Tender Drawings	Schematics		Room Layout	DB room are not provided in drawings.Kindly clarify can we asume that it can be placed in BOH corridors.	Tender Drawings are for reference only. Contractor to develop detail design conforming to Technical Specifications and applicable standards, and submit the same to Engineer for approval. Tender Conditions prevails.
10	5	Volume-2 Tender Drawings	Schematics		UPS room Layout	Incase of Gheekanta only one UPS room provided in autocad drawing,where as as per the scheme there should be two set of UPS at each end of the station,kindly clarify whether we can place the other set of UPS in UAN Room.	Tender Drawings are for reference only. Contractor to develop detail design conforming to Technical Specifications and applicable standards, and submit the same to Engineer for approval. Tender Conditions prevails.
11	5	Volume-2 Tender Drawings	Schematics		CDMA GSM Room Layout	As per the Autocad drawings CDMA and GSM room not found for Kalupur and Kankaria Station.Kindly clarify whether CDMA & GSM power supply required for these stations.If yes kindly provide the location.	Tender Drawings are for reference only. Contractor to develop detail design conforming to Technical Specifications and applicable standards, and submit the same to Engineer for approval. Tender Conditions prevails.