NOIDA METRO RAIL CORPORATION

Tender No: Open E- Tender No. NMRC/Telecom/2024/334 "Replacement of Existing Passenger Information Display System at Aqua Line of NMRC with Integrated PIDS Software and Hardware System

CORRIGENDUM No 1

S. No	Page No	Clause No	Existing Clause	Modified Clause to the bid document
				2 Passenger Display System per station i.e. total of 21 (stations) x 2 = 42 PIDS system at concourse level at 21 stations are already available and needs to be integrated with proposed PIDS solutions. Specifications of existing concourse PIDS are as below:
1	**8 & 9**	2.3.8 Annexure-A	2 Passenger Display System per station i.e. total of 21 (stations) x 2 = 42 PIDS system at concourse level at 21 station.	See specification table below

Type	Specification
Application	Indoor
Active Display Size	43" （Single sided）
Backlight	Direct backlight for LED
Resolution	1920(RGB) ×1080（FHD）
Brightness	700 cd/㎡`
Contrast Ratio	3000 : 1
Response Time	8 ms
Viewing Angle	Horizontal 178° and vertical 178°
Colors	16.7M(8-bit)
Display Area	941.2*529. 4mm
Audio Capability	I/O input output, 2* Built-in speakers
Intelligent Temperature Control System	Intelligent temperature control function, auto-adjusting forced air cooling control system according to the internal temperature
Timing On-off	Free set Multi-period time
Abnormal Voltage Protection	Provide detection for internal voltage. It'll s-eclflosing for protection once it deviates from the standard value range

				Intelligent Optical Sensor	With automatic function of light sensing. Self-regulation of screen brightness according to the light intensity of environment.
				Outdoor Grade	IP54(waterproof & dustproof in high level),sunlight readable , no blacking
				Power Input	AC 208V-240V
				Power Consumption	300W
				Working Temperature	20- 55℃
				Working Humidity	5%～95% Non-condensing
				Storage Temperature	20 to 60℃
				Dimension(W×D×H)	1090(W)x803(H)x220(D)mm
				Weight	85 Kg Approximate
				Protected Glass	6mmAR Laminated glass
				Housing	1.2mm galvanized steel Support,
				Anti-corrosion Paint	powder painting 50000hours
				MTBF	20mins
				MTTR	Support
				Light Sensor	Support
				Temperature Control	Support
				Timer	Support
				CPU	Intel 1.86GHz
				Memory	4GB
				Hard Disk	SSD, 120G
				Operating System	Linux
				Ethernet	RJ 45
				Video Interface	VGA,HDMI
				I/O Interface	COM contact pin *2
				Video Playback	Support MPEG-2/4、H.264、AVCHD
				Audio Playback	Support WAV\MP3 file, Stereo playback
				Picture Playback	Support BMP、PNG、GIF、JPEG
				Language	Hindi and English
2	**31 & 32**	2.12.4.2 (j) & (s)	Operating Temperature (Ambient) : up to 70 C	Operating Temperature (Ambient) : up to 60 C	
			Storage: 1 TB SSD or better	Storage: 256 GB or better	

3	14 & 15	2.4.2.24 Annexure C : Schedule of Requirement (Tentative) Supply of server, Work station and media converter	1. Server for the OCC and BCC	**1. Server for the OCC and BCC with following specifications**

1. Server for the OCC and BCC with following specifications

S/N	Description	Specification
1	Server Model and Make	HPE/DELL
2	Processor	Intel (R) Xeon (R) silver 4208 CPU @ 2.10 GHZ
3	Memory	32 GB DDR5 or better
4	Storage	1 TB (if zone level recording) RAID1 2 TB (if circuit level recording) RAID1
5	Optical Drive	DVD-RW Optical Drive
6	OS	Windows Server 2019 or Linux based

2. Work Station for OCC and BCC with following specifications

S/N	Description	Specification
1	Workstation Model and Make	HPE/DELL
2	Processor	13th Gen Intel® Core™ i7-13700, 16 cores
3	Memory	16 GB DDR5 or better
4	Storage	500 GB , 7200RPM, SATA, HDD, RAID1
5	OS	Windows 10 or Windows 11

3 Station Server in TER

S/N	Description	Specification
1	Workstation Model and Make	HPE/DELL
2	Processor	13th Gen Intel® Core™ i7-13700, 16 cores
3	Memory	16 GB DDR5 or better
4	Storage	1 TB , 7200RPM, SATA, HDD, RAID1
5	OS	Windows 10 or Windows 11 Windows Server 2019 or Linux based

			4. Station MMI IN SCR	4. **Station MMI IN SCR with following specifications**
				Recommended PIDS MMI Hardware Spec

S/N	Description	Specification
1	Workstation Model and Make	HPE/DELL
2	Processor	13th Gen Intel® Core™ i7-13700, 16 cores
3	Memory	8 GB DDR5 or better
4	Storage	500GB , 7200 RPM, SATA, HDD
5	OS	Windows 10 or Windows 11

5. **NMS Server Work Station at OCC and BCC /CSS**

Recommended PIDS MMI Hardware Spec

S/N	Description	Specification
1	Workstation Model and Make	HPE/DELL
2	Processor	13th Gen Intel® Core™ i7-13700, 16 cores
3	Memory	8 GB DDR5 or better
4	Storage	500GB , 7200 RPM, SATA, HDD
5	OS	Windows 10 or Windows 11

(Left column of main table: 5. NMS Server Work Station at OCC and BCC /CSS)

4. The KEY DATES LINKED TO PAYMENT MILESTONE as per RFP clause No.2.4.2.23 (Annexure- B) stands modified as given below:

Key Dates	Time to achieve in months from date of acceptance of Notice of Award	Description	Remarks
KD-1	2	Successful Demonstration of PIDS System at One station of NMRC	Payment i.e.15% of cost of Supply, Installation, Testing and Commissioning of PIDS System will be released to the satisfaction of NMRC
	2 to 3	FAT/FAI	

KD-2	4 to 6	Supply of Double Face ,2 Line PIDS panel for platforms	Payment i.e. 30 % of cost of Supply, Installation, Testing and Commissioning of PIDS System will be released to the satisfaction of NMRC Cluster 1 : (7 Stations) – 10% Cluster 2 : (7 Stations) – 10% Cluster 3 : (7 Stations) – 10%
KD-3	7 to 8	Dismantling of Existing platforms PIDS panel and accessories and shifting to Telecom stores at NMRC Depot Greater Noida	Payment i.e. 30 % of cost of Supply, Installation, Testing and Commissioning of PIDS System will be released to the satisfaction of NMRC Cluster 1 : (7 Stations) – 10% Cluster 2 : (7 Stations) – 10% Cluster 3 : (7 Stations) – 10%
		Installation of Double Face,2 Line PIDS Panel at Platforms of each station for all 21 stations of NMRC and Software Integration of existing Concourse PIDS and PAS.	
KD-4	9 to 10	Final Commissioning of PIDS system at all 21 Stations of NMRC	Payment i.e. i.e. 15 % of cost of Supply, Installation, Testing and Commissioning of PIDS System will be released with entire satisfaction of NMRC

KD-5	22 (1st Yr DLP) & 34 (2nd Yr DLP) respectively	Defect Liability Period (DLP) support for 2 years	Balance payment i.e. 10% of cost of Supply, Installation, Testing and Commissioning of PIDS System will be released with entire satisfaction of NMRC in following manner: a. 5% : At the end of 1st Year DLP b. 5% : At the End of 2nd Year DLP

This Corrigendum forms the part of the tender document (Technical Bid) and is required to be submitted duly signed and stamped by the bidders while submitting the bid to NMRC.

Date:16.08.2024   **Noida Metro Rail Corporation Ltd**

Place: Noida