

# Syama Prasad Mookerjee Port, Kolkata

## Hydraulic Study Department

23 May 2022

Minutes of the pre-bid meeting dated 23.05.2022 for Tender No. Hyd/cs/034 dated 12/05/2022 towards Tender for Supply, Installation and Commissioning of RF Network Infrastructure at different locations of SMPK, i.e. establishment of RF connectivity with Subhas Bhawan and Head office, EJC Cabin, Centenary Hospital, HSD Model and a dedicated direct connectivity between EJC Cabin and Centenary Hospital, Kolkata as per the network diagram attached.

### Attendees from prospective bidders:

1. Ever On Network Solution LLP.
2. Group-3 Communication.
3. Active.

The response to the queries received and raised during the pre-bid meeting dated 23.05.2022 is given below. This may be treated as part of the subject Tender Document.

Page No.	Sl. No.	Present RFP	Bidder's request / clarification	SMPK Response
14	1.4	System should support minimum of 1 Gbps aggregate throughput	Should support 866 Mbps	As per NIT
14	1.5	Radio must support 2 channels, each channel with 20, 40, or 80 MHz	Radio must support channel width of 20,40, or 80 Mhz	As per NIT
15	1.16	Physical Layer 2X 2x2 MIMO	2x2 MIMO	As per NIT
15	1.17	1 Gigabit Ethernet * 1 SPF port	1 Gigabit Ethernet	As per NIT
15	1.31	IP66 and IP67	IP67	As per NIT
15	1.32	Certificates	WPC ETA ETSI	As per NIT
16	2.14	Wind Speed Survival (Km/Hr) - 200	160 Kmph	As per NIT
16	3.4	System should support minimum of .75 Gbps aggregate throughput	Should support 866 Mbps	As per NIT
16	3.6	1 Gigabit Ethernet 1 SPF port	1 Gigabit Ethernet	As per NIT
17	3.19	Wind Survival - 180 Kmph	160 Kmph	As per NIT
17	3.20	Power Consumption - 28 W	15 W	As per NIT
22	10.1	Force 425	Force 425 is proprietary term	Proposed network diagram has been attached.
15	1.18	System must support IPv6/IPv4 Dual stack support	IPv6 support System must support IPv6 Dual stack support	As per NIT

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15	1.26	Ethernet Latency Latency should be below 10ms with 90% Load condition	Ethernet Latency Latency should be below 20ms with 90% Load condition	As per NIT
17	3.18	Temperature -30°C to 65°C (-22°F to 149°F)	Temperature -10°C to 50°C	As per NIT
24	16.0	Completion Time	Works should be completed by 60 days after acceptance of the work order.	As per NIT
17	5.1	Connection type :Toolless IDC Type	Yes	As per NIT
17	5.2	Should not have metal shielding	Please amend Metal, Type (Non-Metal-OEM specific)	As per NIT
17	5.3	IP Class : IP 20 rated & Re-termination capability: 5 times	Yes	As per NIT
17	5.4	Should be UL Listed and DNV-GL/ETL /3P certified (certificate to be enclosed with bid )	UL Listed, (3P certificate-OEM specific)	As per NIT
17	5.5	Should have color coded rings option	Yes	As per NIT

- ❖ Find the proposed Point to Point Wireless Link at various locations of SMPK in below diagram

**Point to Point Wireless Link various location of SMP KDS**

