Amendment-4 (dated:01.01.2025) to RFP Documents for "**Transmission System for supply of power to Green Hydrogen/Ammonia manufacturing potential in Mundra area of Gujarat under Phase-I: Part B1 scheme (3 GW at Navinal S/s)**" through tariff based competitive bidding process.

Sl. No.	Clause No.	Existing Clause	New/Revised Clause
1.	Annexure C SPECIFIC TECHNICAL REQUIREMENTS FOR COMMUNICATION D.1.0	On Navinal (Mundra) (GIS) – Bhuj 765 kV D/C line, TSP shall supply, install and commission One (1) no. OPGW cable containing 24 Fibres (24F) on one E/W peak and conventional earth wire on other E/W peak.	On Navinal (Mundra) (GIS) – Bhuj 765 kV D/C line, TSP shall supply, install and commission One (1) no. OPGW cable containing 48 Fibres (48F) on one E/W peak and conventional earth wire on other E/W peak Proposed **OPGW Hardware, Joint Box and other accessories** shall be **48 Fiber OPGW.**
2.	Annexure C SPECIFIC TECHNICAL REQUIREMENTS FOR COMMUNICATION D.2.0	TSP shall supply, install and commission 1 no. FODP (72F or higher) alongwith panel and required Approach Cable (24F) with all associated hardware fittings from gantry tower to Bay Kiosk and from the Bay Kiosk to Control room	TSP shall supply, install and commission 1 no. FODP (144F or higher) alongwith panel and required Approach Cable (48F) with all associated hardware fittings from gantry tower to Bay Kiosk and from the Bay Kiosk to Control room
3.	Annexure C SPECIFIC TECHNICAL REQUIREMENTS FOR COMMUNICATION C.3.0	TSP shall supply, install and commission 1 no. FODP (72F or higher) alongwith panel and required Approach Cable (24F) with all associated hardware fittings from gantry tower to Bay Kiosk and from the Bay Kiosk to Control room.	TSP shall supply, install and commission 1 no. FODP (144F or higher) alongwith panel and required Approach Cable (48F) with all associated hardware fittings from gantry tower to Bay Kiosk and from the Bay Kiosk to Control room.
4.	Frequently Asked Queries: 3.0 Communication	3.3 How is the OPGW laying done in case of LILO lines? **Reply**: In case LILO lines are on same towers (e.g. both Line in and Line Out portion are on same towers, generally done LILO of S/C lines). Then 2x24F	3.3 How is the OPGW laying done in case of LILO lines? **Reply**: In case LILO lines are on same towers (e.g. both Line in and Line Out portion are on same towers, generally done LILO of S/C lines). Then ~~2x24F~~ **2x48F** OPGW shall be

		OPGW shall be required to install by TSP on both earthwire peak on 400 kV & 765 kV lines where two E/W peaks are available. On 220 & 132 kV lines where only one E/W peak is available TSP to install one no. 48F OPGW. Incase LILO lines are on different towers (e.g. both Line In and Line Out portion are on different towers, generally done LILO of D/C lines). Then 1x24F OPGW shall be required to install by TSP on one earthwire peak and conventional earthwire on second earthwire peak, on both Line In and Line Out portion towers of 400 kV & 765 kV lines. On 220 &132 kV lines where only one E/W peak is available TSP to install one no. 24F OPGW in place of conventional earthwire. 3.4 How is the OPGW laying done in case Multi circuit Towers? **Reply**: In case two different lines are using common multi circuit portion for some distance (originating from different stations, may be terminating on same or on different stations). Two no. 24F OPGW to be installed on both	required to install by TSP on both earthwire peak on 400 kV & 765 kV lines where two E/W peaks are available. On 220 & 132 kV lines where only one E/W peak is available TSP to install one no. ~~48F~~ **96F** OPGW. Incase LILO lines are on different towers (e.g. both Line In and Line Out portion are on different towers, generally done LILO of D/C lines). Then ~~1x 24F~~ **1x48F** OPGW shall be required to install by TSP on one earthwire peak and conventional earthwire on second earthwire peak, on both Line In and Line Out portion towers of 400 kV & 765 kV lines. On 220 &132 kV lines where only one E/W peak is available TSP to install one no. ~~24F~~ **48F** OPGW in place of conventional earthwire. 3.4 How is the OPGW laying done in case Multi circuit Towers? **Reply**: In case two different lines are using common multi circuit portion for some distance (originating from different stations, may be terminating on same or on different stations). Two no. ~~24F~~ **48F** OPGW to be installed on both E/W peaks for common M/C portion of 765 kV & 400 kV lines.

		E/W peaks for common M/C portion of 765 kV & 400 kV lines. Incase 220/132 kV lines using multi circuit portion where single E/W peak is available one no 48F may be installed for common multi circuit portion.	Incase 220/132 kV lines using multi circuit portion where single E/W peak is available one no ~~48F~~ **96F** may be installed for common multi circuit portion.
5.	A.23.0	The tower shall be designed considering the porcelain Insulators with creepage factor of 31 mm/ kV irrespective of type of insulator used.	Deleted