

CORRIGENDUM/RESPONSES TO PRE-BID QUERIES AGAINST TENDER NO:- CMC/BY/19-20/CPG/RB/SV/053 - CONVERSION OF EXISTING TOWERS & RAISING OF HEIGHT OF 66 KV O/H LINE OF CIRCUIT 1 & 2 BETWEEN OLD KONDLI GRID TO DALLUPURA GRID BY ERECTING 04 NOS MONO POLE ALONG THE DRAIN

S. No.	As per NIT	Queries	Corrigendum/Responses to Pre-Bid Queries
1	Technical Specification Material Type (Cl.4.6)	Can we go for ASTM572-50/65?	You may go ahead as per ASTM572-50/65
2	-	Kindly confirm whether any pole(s) is/are to be designed with Dead End Condition?	No dead end type Tower is required
3	Technical Specification As per the Clause 4.10	Specification Safety Factor of 1.5 to be considered for Normal Condition & Broken Wire Condition and deflection Criteria – 1.5% of height under safety normal condition and 5% of height under ultimate condition – Please clarify, If deflection shall be checked without Overload Factor	Deflection shall be checked with overload factor
4	Technical Specification As per clause-4.15	Factor of safety for Foundation : Overload Factor of 1.5 to be considered for foundation design – As overload factor of 1.5 is given for Monopole design, considering the Overload factor of 1.5 for foundation over and above the factored ultimate load will result in Uneconomical foundation design (As cumulative load factor will be 2.25)	All concrete structure work shall have a factor of safety 2.5. All steel structure work shall have a factor of safety 1.5
5	Technical Specification As per the Clause 5.3	Type Testing : Bidder shall furnish the Type Testing from CPRI Or ERDA - As Type Testing is Carried at NABL Accredited Testing Station, It should not be Limited to CPRI / ERDA. Type Testing of any NABL Accredited testing station should be considered.	NABL lab is not acceptable only CPRI/ERDA lab for type test will be considered
6	-	As per the BOQ total 4 No's of poles are to be Supplied; which are specified as 18Mtr (0-15 Deg) 23Mtr (15-30 Deg) 18Mtr (30-60 Deg) It seems the Pole Height Specified is insufficient, As the Clearance requirement for Railway Crossing will be Approximate 15.6 M. Therefore, please Confirm if 18Mtr & 23Mtr pole height to be followed or Height as per the requirement can be considered.	Pole requirement is as following: i) Monopole Tension type (15-30 deg) Pole Height shall be as following: From FGL (existing road level) to lowest sag point of bottom GOAT conductor of double circuit 66 kV line, at conductor temperature 90 deg C, shall be minimum 25 meters. Pole height shall be designed accordingly Quantity - 02 No's ii). Monopole Tension type (0-15 deg) Pole Height - 18 Meter Quantity - 02 No's

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7	-	As 4 poles are required out of which two poles will be Installed to Increase the Clearance, rest two poles on the back side of the proposed new poles Or it shall be replacement of the Back Towers.	18 meter new mono poles shall be installed next to the either sides of the monopoles which are designed to deliver minimum sag level 25 meters (SI No. A i). Existing towers shall not be dismantled.
8	-	If the towers are to be replaced with the Monopole at the same location, what will be the shutdown period.	Shutdown time for stringing of new Goat conductor and earth wire on new mono poles, shall be maximum 2 days
9	-	All the statutory Approvals shall be provided by BSES.	No Change in Clause
10	-	Circuit profile	Circuit profile (Side view and Top View) with existing tower as well as with proposed mono pole towers along with Sag and Span shall be submitted by the bidder
11	-	Soil investigation report along with foundation design	Soil investigation report along with foundation design shall be submitted by bidder
12	Clause 2.02 - Point No-3.	The bidder should have established project management, field quality assurance system & safety organization designed to achieve high level of reliability at various stages of field services required for successful erection,testing & commissioning and shall have designed, supplied, installed & commissioned project (of 66KV or higher), having minimum 05 No's Mono Pole's in last 3 years. The list of such projects shall be furnished as per Format attached in SCHEDULE I (List of Projects).	The bidder should have established project management, field quality assurance system & safety organization designed to achieve high level of reliability at various stages of field services required for successful erection,testing & commissioning and shall have designed, supplied, installed & commissioned project (of 66KV or higher), having minimum 04 No's Mono Pole's/ Transmission Lines Towers in last 3 years. The list of such projects shall be furnished as per Format attached in SCHEDULE I (List of Projects).
13	Clause 2.02 - Point No-4	Performance certificate for 1 (One) year satisfactory performance from at least 02 companies should be submitted (of 66KV or higher)	Performance certificate for 1 (One) year satisfactory performance from at least 01 companies should be submitted (of 66KV or higher)