

EOT Cranes package 5 x 800 MW Yadadri STPP
PREBID CLARIFICATIONS -1 dated 07.07.2022

List of Technical Clarification

S.#	Enquiry Specification			As per Technical Specifications	Bidders' Comments/Clarifications	BHEL's Response
	Tender Volume / Section	Clause No.	Page No.			
1	a) IS-1-15-2001/048 b) TSGENCO Specification EPC Bid C- PCT/TS/K/02/2014-15	a) CI — 3.00 b) Data Sheet	a) 6 of 9 b) 25	Speed for LT Motion — BHEL Document No. IS-1-15-2001/048 CI — 3.00 Pg 6 of 9 specify 15M/Min. TSGENCO Specification EPC Bid C-PCT/TS/K/02/2014-15 Data Sheet Pg 25 LT — 25M/Min.	Kindly clarify whether we should consider 15M/Min or 25M/Min.	Bidder to follow speed of 25 m/min for long travel
2	a) IS-1-15-2001/048 b) TSGENCO Specification EPC Bid C- PCT/TS/K/02/2014-15	a) Spec of Crane, 3.00, 1.x b)	a) 5 of 9 b) 29	BHEL Specification Pg 5 of 9 — Type of Brake — It is not clear "An external Manual brake release to be provided in the cage, centrifugal Brakes shall be provided. TSGENCO Specification — Pg 29 — EM Disc Brake.	Kindly clarify type of brakes to be provided	Type of brake shall be DCEM for all the drives.
3	a) IS-1-15-2001/048 b) TSGENCO Specification EPC Bid C- PCT/TS/K/02/2014-15	a) Spec of Crane, 3.00 b) 5.19.02	a) 6 of 9 b) V.IIIF/S-II : 14	- CT — 10M/Min & NA, LT — 15M/Min & NA. - Single Girder EOT Crane shall be SQ Cagé type. All motors shall be suitable for VVVF operation	Confirm that creep speed for CT & LT is not required?	Confirmed that creep speed is not required for LT and CT. Bidder to ensure the construction of motors shall be suitable for VVVF operation
4	IS-1-15-2001/048		3 of 9	In CI - 2.00 scope of supply - PVC shrouded'conductor type.	In CI - 2.00 scope of supply - PVC shrouded 'conductor type. Whereas TSGENCO CI - 5.22.02 Pg 14 - Runway conductor shall be MS Angle Pg 15 - Lower Span/Compressor House Crane - Flexible copper cable. Kindly clarify type of DSL required? However we shall recommend Shrouded Conductor/Bus Bar: for Single Girder Crane.	PVC shrouded Cu conductor bus bar type DSL with accessories shall be considered.
5	IS-1-15-2001/048		4 of 9	Runway beam sizes	Runway Beam for EOT crane will be in BHEL scope. Kindly confirm.	Runway beams for US EOT cranes shall be in BHEL's scope. Rail for SG EOT Crane shall be in bidder's scope. Bidder to adhere to annexure-3 scope interface for rails and beams
6	Annexure-4 Mandatory spares list			Mandatory Spare — For Sq. Cage Motors — Carbon Brush & Brush holder cannot be provided. Kindly specify if spares required for each Crane? On receipt of above clarification, we would be able to submit offer.	6) Mandatory Spare — For Sq. Cage Motors — Carbon Brush & Brush holder cannot be provided. Kindly specify if spares required for each Crane? On receipt of above clarification, we would be able to submit offer.	All applicable Mandatory Spares to be provided by bidder. 1 Set in Mandatory spares list is quantity required for for each rating and type of EOT Cranes