

SCOPE OF WORK:**Tender Enquiry Number:** WEX/CMX/CRN/2021/EN/01

S No.	DESCRIPTION:	OFFERED	DEVIATION	REMARKS
1	Description of Problem observed in the EOT Crane			
1.1	The EOT Crane 237 of 30/10 Ton capacity in New Transformer Block (NTB) makes loud noise while in long travel motion. This noise problem is due to span and diagonal difference in the EOT Crane. This shall be rectified to ensure smooth, maintenance free and soundless operation of EOT Crane.	Contractor to confirm		
2.2	Scope of work for Rectification of crane is distributed as under:	Contractor to confirm		
2.2 (a)	Jacking of crane for performing suitable rectification work, by removing boggies of crane.	Contractor to confirm		
2.2 (b)	Rectification of crane wheel span, to suit gantry span ± 7 mm.	Contractor to confirm		
2.2 (c)	Correction to the diagonal of the crane ± 10 mm.	Contractor to confirm		
2.2 (d)	Rectification of end carriage bogie structure.	Contractor to confirm		
2.2 (e)	Rectification of LT wheel alignment and LT wheel verticality.	Contractor to confirm		
2.2 (f)	Rectification of LT drives arrangement after rectifying LT wheel alignment.	Contractor to confirm		
2.2 (g)	Replacement of worn out LT wheel assemblies, LT wheel Assemblies and other mechanical item would be provided by BHEL as per requirement.	Contractor to confirm		
2.2 (h)	All the fabrication work to be done by contractor.	Contractor to confirm		
2.2 (i)	Material handling of the items from one place to another to be done by contractor.	Contractor to confirm		
2.2 (j)	Any other work if needed but not specified above for smooth functioning of the crane w.r.t. to span or diagonal correction shall be under the scope of the contractor.	Contractor to confirm		
3	Facilities Provided by BHEL:			
3.1	All material required for removal, repair, Clamps or support brackets material shall be provided by BHEL, Bhopal.			
3.2	Chain pulley and electric operated winch shall be provided along with Welding machine, Gas Cutting machine along with required accessories including gas cylinders, Welding rods, etc. shall be provided by BHEL.			
3.3	Handling and lifting facilities and all consumables will be in BHEL's Scope.			
3.4	All materials required for above work like Mild Steel plates for fabrication, Trailer for shifting of Cranes, BOT / Truck, Test loads for internal testing shall be provided by BHEL, Bhopal at free of Cost.			
3.5	Drinking water, BHEL foods/ snacks provided in factory as per normal working norms shall also be provided . No accommodation facility & transportation to reach factory premises / place of work shall be provided by BHEL			
4	Facilities to be Provided by Contractor:			
4.1	Heavy duty hand grinders shall be brought by the contractor.	Contractor to confirm		
4.2	Any other tools which shall be required for the completion of work shall be in contractor's scope.	Contractor to confirm		