

BHARAT HEAVY ELECTYRICALS LIMITED, JHANSI

NOTE:

1. VENDOR must submit complete information against clause No. 8.0 (Qualifying condition). The offer meeting this clause would only be processed.
2. The " SPECIFIED/TO BE CONFIRMED BY VENDER" Column and where applicable, the " DEVIATIONS" Column of this format shall be filled in by the Vender and submitted along with the offer. Technical details also submitted with the offer. Inadequate / incomplete, ambiguous, or unsustainable information against any of the clauses of the specification / requirements shall be treated as non - compliance.
3. The offer and all documents enclosed with offer should be in English language only.

SCOPE :

SUPPLY, INSTALLATION & COMMISSIONING OF SHROUDED BASE TYPE DSL SYSTEM FOR OPERATION OF 15/5 TON EOT CRANES COMPLYING AS PER SPECIFICATION BELOW

SPECIFICATION CUM COMPLIANCE CERTIFICATE OF DSL SYSTEM

S.NO.	DESCRIPTION FOR BHEL REQUIREMENT	SPECIFIED / TO BE CONFIRMED BY VENDER	DEVIATIONS
1.0	REQUIREMENT:		
1.1	Supply, installation and commissioning of shrouded base type down shop lead (DSL) supply system for supply of EOT cranes.	vender to confirm	
2.0	QUANTITY REQUIRED = 100 Mtr	vender to confirm	
3.0	TECHNICAL SPECIFICATION		
3.1	Current rating : Not less than 200 Amp.	vender to confirm	
3.2	Supply system : 415 Volt, 3 phase, 4 wire, 50HZ A.C. Supply	vender to confirm	
3.3	DSL mounting : Horizontally	vender to confirm	
3.4	Pole : 4 Pole	vender to confirm	
4.0	SHROUDED BASE TYPE DSL SYSTEM		
4.1	CONDUCTOR		
4.1.1	Shrouded base type conductor bar having capacity of not less than 200 Amp. in suitable lengths shall be provided to feed the supply to EOT cranes. Details of conductor to be submitted with the offer.	vender to confirm	
4.2	HANGER BRACKET/ SUPPORT BRACKET		
4.2.1	Side support bracket shall be provided for the mounting of hanger clamp. The material of side support bracket shall be MS of suitable cross section. The distance between two bracket supports shall not be more than 1.5 meters. Suitable number s of bracket support shall be provided.	vender to confirm	
4.3	HANGER CLAMPS		
4.3.1	Single pole type mounting hanger clamp shall be provided suitable for the conductor.	vender to confirm	
4.4	CONDUCTOR JOINT ASSEMBLY		
4.4.1	Conductor joint assembly of suitable rating shall be provided for the joint of conductor. The conductor joint assembly shall be supplied completely with joint cover.	vender to confirm	
4.5	END CAP ASSEMBLY		
4.5.1	End cap assembly shall be provided in both end of the DSL.	vender to confirm	
4.6	SUPPLY FEED ASSEMBLY		
4.6.1	Central power feed assembly is required in each DSL. Assembly shall be of suitable rating complete in all respect.	vender to confirm	
4.7	CURRENT COLLECTOR		
4.7.1	200 Amp. rating (1 set of 04 no.) current collector shall be provided in each DSL. The current collector shall be complete in all respect.	vender to confirm	
5.0	DETAILS TO BE SUBMITTED WITH OFFER		
5.1	Make of the shrouded type DSL system (technical literature to be submitted)	vender to specify	
5.2	Current rating offered	vender to specify	
5.3	Supply voltage system	vender to specify	
5.4	No. of pole	vender to specify	

SPECIFICATION CUM COMPLIANCE CERTIFICATE OF DSL SYSTEM

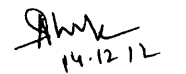
S.NO.	DESCRIPTION FOR BHEL REQUIREMENT	SPECIFIED / TO BE CONFIRMED BY VENDER	DEVIATIONS
5.5	Quantity of conductor to be supplied	vender to specify	
5.6	Quantity of hanger bracket/support bracket to be supplied	vender to specify	
5.7	Quantity of hanger clamps to be supplied	vender to specify	
5.8	Quantity of conductor joint assembly to be supplied	vender to specify	
5.9	Quantity of end cap assembly to be supplied	vender to specify	
5.10	Quantity of supply feed assembly to be supplied	vender to specify	
5.11	Quantity of current collector to be supplied	vender to specify	
6.0	INSTALLATION OF THE DSL SYSTEM		
6.1	Vender shall take full responsibility for the installation & commissioning of the supplied DSL system. Installation & commissioning charges may be quoted with per mtr. charges.	vender to confirm	
7.0	GENERAL		
7.1	The DSL system shall be confirmed to relevant IS/BS.	vender to confirm	
7.2	The DSL system shall be guranteed in respect of metarial, construction, and operation against any manufacturing and design defect for a period of 24 months from the date of commissioning.	vender to confirm	
7.3	The instruction and maintenance manual shall be sent along with the supply.	vender to confirm	
7.4	Offer shall be sent with complete literature and necessary details.	vender to confirm	
7.5	Not withstanding the details in the specification, if anything else is required for its function the same shall be brought out in notice and include in the offer and it should fulfill the standard.	vender to confirm	
8.0	QUALIFYING CONDITION		
8.1	Only those vendor who are in the line of EOT crane manufacturing or the manufacturer of DSL system, & supplied/ installed at least 05 Nos.of DSL of same capacity or more capacity in the past five year shall quote.The following information's are to be submitted with the offer A. P.O.Copy . B. Despatch document or commissioning report. This is required from all the vendors for qualification of their offer.	vender to confirm & submit	
8.2	Name of DSL manufacturer / EOT crane manufacturer and their company profile.	Vendor to submit	



Y.K.Dhingra
Sr. Eng.(WE&S)



Arjun Singh
Sr.Manager (WE&S)



14.12.12
A.K.Shivpuri
D.G.M (WE&S)



S.J.Chakraborty
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