

BHARAT HEAVY ELECTRICAL LIMITED, JHANSI

Specification No.	7190
Item No.	ME-1/3/2740
Location	LOCO
QUANTITY	01 SET

SCOPE :

DESIGN,SUPPLY, INSTALLATION & COMMISSIONING OF LOOP BOXES AS PER SPECIFICIFICATION No. (CLW/ES/3/CLW/ES/3/0538 Alt.A)

NOTE:	1. VENDOR must submit complete information against clause No. 9.0 (Qualifying condition). The offer meeting would only be processed.
	2. The " offered" Column and where applicable, the " Deviations" Column of this format shall be filled in by the Vendor and to be submitted along with the offer. Technical details are also required to be submitted along with the offer . Inadequate / incomplete, ambiguous/ 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.

DESIGN,SUPPLY, INSTALLATION & COMMISSIONING OF LOOP BOXES AS PER SPECIFICIFICATION No. (CLW/ES/3/CLW/ES/3/0538 Alt.A)

S.NO.	DESCRIPTION FOR BHEL REQUIREMENT	SPECIFY /CONFIRM BY VENDOR	OFFERED	DEVIATONS
	PURPOSE			
	LOOP BOX is required for the testing of 03 phase Electric Locomotive WAG-9, TROUBLE SHOOTING OF COUPLERS CIRCUITS	VENDOR TO CONFIRM		
2	WORK PIECE MATERIAL			
	BHEL,JHANSI is going to manufacture electric locomotives employing 3-phase propulsion based on the IGBT technology with microprocessor based control system in 3-phase locomotives WAG9, The scope of the specification is to procure one set of Loop Box. Quantity - 01 Set. 01 Set Contains following items (Size of box should be as per specification no.<u>CLW/ES/3/CLW/ES/3/0538 Alt.A</u>)(enclosed) I. 05 Pin Loop Box.--- 06 No. II. 07 Pin Loop Box.--- 04 No. III. 13 Pin Loop Box.--- 03 No. IV. 19 Pin Loop Box.--- 08 No. V. 37 Pin Loop Box.--- 04 No. VI. 22 Pin Loop Box.--- 03 No. VII. 35 Pin Loop Box.--- 03 No. VIII. 61 Pin Loop Box.--- 02 No. IX. 09 Pin Loop Box.--- 06 No. X. 15 Pin Loop Box.--- 04 No. XI. 25 Pin Loop Box.--- 04 No. XII. 50 Pin Loop Box.--- 02 No.	VENDOR TO CONFIRM		
3	TECHNICAL. DETAILS OF LOOP box			
	Technical specification of loop box should be as per specification No. <u>CLW/ES/3/CLW/ES/3/0538 Alt.A</u>.(enclosed) Issued by Dy. Chief Electrical Engineer/cont/tu-II,centre for design and development, Chittaranjan locomotive works(enclosed)	VENDOR TO CONFIRM		
4	Testing ,Installation & Commissioning			

Shamany Ashman.

[Signature]

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BN,SUPPLY, INSTALLATION & COMMISSIONING OF LOOP BOXES AS PER SPECIFICIFICATION No. W/ES/3/CLW/ES/3/0538 Alt.A)

	Vender to take full responsibility for carving out the installation start up,testing of LOOP box, Testing ,Installation &Commissioning of loop box to be done as per CLW approved test protocol (clause no- 4 of attached CLW spec -0538) at BHEL, Jhansi works and shall be witnessed by BHEL .	VENDER TO CONFIRM		
	INSPECTION			
	Pre dispatch Inspection shall be carried out at Vendor works by BHEL or BHEL nominated agencies as per specification.	VENDER TO CONFIRM		
6	DOCUMENTATION			
6.1	Three sets of Catalogues, maintenance manual, operation manual of m/c, Electrical diagram/circuit. Spares - part list ,concerned drawing of spares including all bought out items ,(WITH SUPPLY OF Loop Box)	VENDER TO CONFIRM		
6.2	Detailed catalogues, sketch/ photograph of theLoop Box. and accessories/attachments should be submitted with the offer.	VENDOR TO SUBMIT		
7	Guarantee			
	The Loop box shall be guaranteed for trouble free performance for a period of 24 month from the date of commissioning/acceptance.	VENDOR TO CONFIRM		
8	TRAINING			
	Satisfactory Training to operator and maintenance staff at the time of commissioning of the equipment..	VENDOR TO CONFIRM		
9	QUALIFYING CONDITION			
	Only those vendors who have supplied & commissioned at least 1 set of loop box system successfully in last 5 years(from the date of opening of this tender/ enquiry) to Indian Railways should quote . Documentary evidence for successful commissioning / performance and copy of purchase order to be furnished along with offer.	VENDOR TO CONFIRM & Submit		
10	BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false / incorrect, the offer shall be rejected.	VENDOR TO CONFIRM		

S. Asthana
S.Asthana
Dy.Mgr.(LMM)

Y.K.Dhingra
Y.K.Dhingra
Dy.Mgr.(WEX)

Pawan Kumar
Pawan Kumar
Sr.Mgr(WEX)

B.N.Naik
B.N.Naik
D.G.M(LMM)

Umesh Kumar
Umesh Kumar
D.G.M(LME)