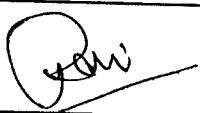

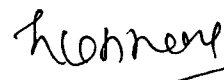
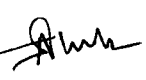
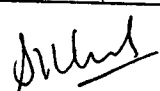


BHARAT HEAVY ELECTRICALS LIMITED, JHANSI**SPECIFICATION CUM COMPLIANCE CERTIFICATE GAS PIPE LINE****NOTE :**

1	VENDOR must submit complete information against clause No. 7.0 (Qualifying condition). The offer meeting this clause would only be processed.
2	The " offered" 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, TESTING AND COMMISSIONING OF OXYGEN AND LPG/ACETYLENE PIPE LINE**

S.NO.	DESCRIPTION FOR BHEL REQUIREMENT	OFFERED	DEVIATIONS
1.0	REQUIREMENT		
1.1	This specification governs the quality requirements of supply, installation, testing, and commissioning of Oxygen and LPG/Acetylene gas pipe line in Bay-6 complete in all respect.	VENDER TO CONFIRM	
2.0	SCOPE OF SUPPLY		
2.1	Supply of following items for the Oxygen and LPG/Acetylene gas pipe line:	VENDER TO CONFIRM	
2.1.1	M.S.Pipe as per IS: 1239 heavy duty size 1 1/4 inch - Length - 230 meter each for Oxygen and LPG/Acetylene	VENDER TO CONFIRM	
2.1.2	Down take points complete all material. Total 6 numbers each. Down takes comprises of :	VENDER TO CONFIRM	
2.1.2.1	1/2 inch size M.S pipe as per IS 1239 heavy duty for Oxygen and LPG/Acetylene gas,	VENDER TO CONFIRM	
2.1.2.2	Isolation valves for oxygen needle type GM valve	VENDER TO CONFIRM	
2.1.2.3	Isolation Valve for LPG/Acetylene CI diaphragm type	VENDER TO CONFIRM	
2.1.3	Required bends as per IS 1239 for the both lines.	VENDER TO CONFIRM	
2.1.4	Cleaning material for the pickling & degreasing	VENDER TO CONFIRM	
2.1.5	Suitable paint for Oxygen and LPG/Acetylene line	VENDER TO CONFIRM	
2.1.6	Supporting material for the laying of pipe line		
3.0	SCOPE OF WORK		
3.1	Scope of work includes all activities required for the installation of Oxygen and LPG/Acetylene gas pipe line.	VENDER TO CONFIRM	
3.1.1	Pickling, degreasing of pipes and painting two coats of red oxide pain.	VENDER TO CONFIRM	
3.1.2	Laying of Oxygen and acetyline pipe line at the suitable heighe in Bay - 6	VENDER TO CONFIRM	
3.1.3	Installation of downtakes points complete with 1/2 inch pipe, valves etc.	VENDER TO CONFIRM	
3.1.4	Final painting of line	VENDER TO CONFIRM	
4.0	ERECTION & COMMISSIONING.		
4.1	Supplier to take full responsibility for carrying out the erection, start up., testing of system. its control system & all type of other supplied equipment.		

4.2	Power, air & water shall be provided by BHEL at only one point to be indicated by Supplier. Other requiremet like crane, Trolley shall also be provided by BHEL if available at site. Details of the requirements should be informed by Supplier in advance.		
4.3	Tools .Tackles, instruments and other necessary equipments, if any, required to carry out all above activities should be brought by the supplier on returnable basis.		
4.4	Charges, duration. Term & condition for E&C should be furnished in details separately by VENDOR along with offer.		
5.0	TESTING & COMMISSIONING		
5.1	Inspection, testing and commissioning of complete pipe line will be done after complition of work at BHEL Jhansi	VENDER TO CONFIRM	
6.0	GUARANTEE		
6.1	The complet line shall be guaranted for the period of 24 months from the date of commissioning.	VENDER TO CONFIRM	
7.0	QUALIFYING CONDITION		
7.1	Only those vender, who have supplied & commissioned at least one such work (gas pipe line) in the ten years from the date of opening of tender and such work is presently working satisfactorily for more than one year after commissioning should quote. The following information is to be submitted by the vender about the companies where similar work has been done/ supplied. This is required from all venders for qualifications of their offers.	VENDER TO SUBMIT	
7.2	Name of the customer where similar work is installed	VENDER TO SUBMIT	
7.3	Complete postal address of the customer	VENDER TO SUBMIT	
7.4	Year of commissioning	VENDER TO SUBMIT	
7.5	Name and designation of the contact person of the customer	VENDER TO SUBMIT	
7.6	Phone , Fax No. and e-mail address of the contact person of the customer	VENDER TO SUBMIT	
7.7	Performance certificate from the customer regarding satisfactory performance of the work done/supplied to them	VENDER TO SUBMIT	
8.0	BHEL reserves the right to verify information submitted by vender. In case the information is found to be false/ incorrect, the offer shall be rejected.	VENDER TO CONFIRM	
 Y.K.Dhingra Sr. Eng. (WEX)		 ARJUN SINGH Manager(WEX)	 H.V.Bhatia Sr. Mgr. (TRM)
			 A.K.Shivpuri Sr.Mgr.(WEX)
 S.J.Chakraborty Sr.DGM(WEX)			