

Annexure-I**TECHNICAL SPECIFICATION OF DA GAS & QUALIFYING CONDITIONS**

(Ref. Indent No. 20193599; Dt. 26-12-2019)

Description	Vendor's Comment/Remark
A) <u>QUALIFYING CRITERIA</u>	
1) The offer of only those manufacturer/traders/stockists shall be considered who have supplied at least 4000 M3 of DA Gas during last Five years from the tender opening date. Relevant PO copies shall be submitted with offer.	
2) Bidder should submit the copy of its DA Gas Filling/Storage permission (License from Explosive Deptt.) at the time of bidding. In case of Authorized dealers, copy of Dealership certificate and DA Gas Filling/Storage permission (License from Explosive Deptt.) of its manufacturer shall be submitted.	
B) <u>TECHNICAL SPECIFICATION</u>	
1) <u>GENERAL:</u> This specification is for requirement of Acetylene Gas, dissolved.	
2) <u>APPLICATION:</u> For Gas welding, flame cutting of metals etc.	
3) <u>COMPLIANCE WITH INDIAN STANDARD:</u> The material shall comply with the requirements of the IS: 308 – 1988, Dissolved Acetylene Gas.	
4) <u>PURITY:</u> The total impurity insoluble in Acetone shall not be more than 4% by volume. i.e. Purity of DA Gas shall be $\geq 96\%$. Vendor shall submit purity certificate alongwith each lot of DA Gas cylinders.	
5) <u>PACKING & MARKING:</u> The gas shall be supplied in DA cylinders. The design of cylinders, pressure of gas in cylinders, packing, marking, painting, labelling of cylinders shall be in accordance with the 'Gas Cylinder Rules' of the Government of India with such modifications as may be ordered from time to time by the Chief Inspector of Explosives, Government of India or other duly constituted authority. 5.1 The cylinder shall be painted with Maroon colour (Colour code No 541 of IS: 5). 5.2 All cylinders shall be provided along with Valve Guard.	
6) <u>TRANSPORTATION:</u> The DA Cylinders shall be transported as per safety regulations laid by Chief Controller of Explosives, Govt. of India and other regulatory authorities.	



<p>7) <u>MANUFACTURER/TRADERS/STOCKISTS:</u></p> <p>The following shall apply to manufacturer/traders/stockists: -</p> <p>7.1 The material of only one manufacturer will be acceptable in one lot and the details of manufacturer must be provided to us.</p>	
<p>8) <u>TESTING:</u></p> <p>Qualitative Testing of DA Gas shall be done after receipt at BHEL Haridwar as per clause no: A-2 of Appendix-A mentioned in IS 308-1988. If the supplied DA Gas fails in the said test then material shall be rejected and same shall be replaced by the vendor within one week from the date of information.</p>	

Note: - Vendor shall confirm/comment against each point, if required additional sheet can also be attached for more details/comments.

Mohit Kumar
 27/12/19
 (Mohit Kumar)
 Dy. Manager (SP)

M. A.G.M
 27/12/19
A.G.M (SP & ESX)
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 BHEL, HEER, HARIDWAR