

(81) (77)  
W.C.R.

Annexure to Alternative Material

Alternative material description for inclusion in Para 2.0 Technical scope of work for supply, erection, testing and commissioning of compressed Air pipe system and laying of pipe lines in newly constructed sheds of CRWS/BPL

- (i) For Sl.No- 1 to 4, Alternatively material may be procured as per T5-6063/ T5-6060 Aluminum alloy confirming to indicated European standard along with protective coating duly qualicoat components conforming to requirement of ASME B31.1. Pipe line material and dimensions conforming to EN 755.2, EN 755.8, EN 573.3.
- (ii) For Sl.No-5 alternatively material may be Stainless steel/ Composite metal/plastic components conforming to UL 94 HB standards.
- (iii) For Sl.No.6 alternatively material may be of 'Butterfly valve of Stainless steel/Composite metal/ plastic components conforming to 10 bar pressure and conforming to requirement of ASME 31.1 of makes OSCAR/ADUCO/VANAZ/ Atlas Copco/ Ingersoll Rand/Parker-legris.
- (iv) For Sl.No.7 to 9 alternatively material may be of 'Ball valve of Stainless steel/Composite metal/ plastic components conforming UL 94 HB standard components conforming to the requirement of ASMEB 31.1 of makes OSCAR/ADUCO/VANAZ/ Atlas Copco/ Ingersoll Rand/Parker-legris.
- (v) For Sl.No-10 alternatively material may be 'In line type/composite metal' of preferred makes AIRMAX/AUDCO/CP/ Atlas Copco/ Ingersoll Rand/Parker-legris.
- (vi) For Sl.No-11 alternatively material may be 'Iron support structure with suitable span bridge + other support work as per requirement including foundation bolts/base plates/clamps/hanger etc.
- (vii) For Sl.No-12 alternatively material  
Not required as already included in sl. No.- (vi)  
Only in case if alternative material is supplied as per sr. No. 1 to 11 as above which is indicated at para-2 (Technical scope of work 'A', 'B' 'C' and 'D')

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