

Annexure-C
Technical Specifications

Item wise Technical Specifications		
Enq. Item SL.No	Item Description and Technical Specifications	Qty (Nos)
10	<p>CLOTH FILTERS FOR PRIMARY SIDE</p> <p>Cloth Filters for Steam Generator Flushing Systems of Primary Side are to be supplied as per "Sketch No.SK 4-D040-121/Rev 02" and" Issue No 6" attached.</p> <p>Specification: As per Sketch No.SK 4-D040-121/Rev 02</p> <ol style="list-style-type: none"> 1. Material: nylon special quality (two side weaving) 2.Pore Size: less than or equal to 100 microns 3. Two-layer filter cloth as shown in sketchNo.SK 4-D040-121/Rev 02 4.Purpose: Used for flushing of equipment wherein hot DM water at 80 Degree Celsius is passed inside equipment at flow rate 400m³/hr through filter cloth. Any particles like metal chips etc. which were inside equipment will be collected in the filter cloth. Hence filter cloth should withstand DM water flow rate of 400m³/hr @ 80-90deg for minimum 8hrs. 5.Filter cloth should withstand above condition i.e. should withstand flowrate of 400m³/hr @ 80-90deg for minimum 8hrs without getting any damage due to abrasive action of collected chips etc. Hence nylon material selected should be exceptionally strong, abrasion resistant, resistant to damage from oil etc. 6.Stiching should be proper and of high quality. 7.Refer "Issue No 6" for reference. <p>Note: -</p> <ol style="list-style-type: none"> 1.Supplier to provide sample of preferred size 100mmx100mm, Quantity 2nos of nylon cloth (which will be used for fabricating filter cloth) along with technical Bid. In technical bid, supplier should provide all possible details as per SK 4-D040-121/Rev 02 along with pore size. Required pore size should be less than or equal to 100 microns. cloths with pore size more than 100 microns won't be accepted. 2.Supplier should provide dimensional report while despatching consignment to BHEL. Final acceptance of consignment will be after checking the same in BHEL premises. 3.Supplier should provide the items as per sketch SK 4-D040-121/Rev 02 and all points referred in the sketch should be met. 4.Material used should be of high quality nylon and supplier should submit "Material confirmation certificate" indicating that material is nylon. 	200