

URANIUM CORPORATION OF INDIA LIMITED  
JADUGUDA MINES

Annexure-1  
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Public Tender No. : PUR / 2 / 19 / 9731 / 618  
Item : Conveyor Belt

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**M A T E R I A L   D E T A I L S**

Sl.No.	Description	Quantity
1)	Conveyor Belt, 1200mm x 1250/5 x 6/3mm BOT. Detailed specification as per Spec-'A' attached	380 Mtrs.
2)	Conveyor Belt, 1200mm x 1250/5 x 6/3mm BOT + 1 Floating. Detailed specification as per Spec-'B' attached	380 Mtrs.
3)	Conveyor Belt, 1600mm x 1000/4 x 6/3mm BOT. Detailed specification as per Spec-'C' attached	400 Mtrs.
4)	Conveyor Belt, 1200mm x 800/4 x 6/3mm. Detailed specification as per Spec-'D' attached	300 Mtrs.

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**SPECIFICATION OF CONVEYOR BELT (Spec-‘A’) (BC-14)**

Duty :- To handle highly abrasive uranium ore having lump sizes between  
10mm to 30mm.

Height of fall – 1mt to 2mt

Sp. Gr. of ore ~ 2.8

Standards:        i) IS 1891 Part I – 1994  
                      ii) DIN – N  
                      iii) AS – A

Cover grade :    Super Abrasion Resistant  
                      Maximum Abrasion Loss – 90 mm<sup>3</sup>  
                      Top rubber thickness – 6 mm  
                      Bottom rubber thickness – 3mm  
                      Cut Edge

Carcass :         Heavy Duty  
                      Rating – 1250/5  
                      Type – NN (Nylon-Nylon)

Width :            1200mm

**Guarantee / Warranty:** Minimum 18 months from the date of supply or 12 months from the date of installation, whichever is earlier.

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**SPECIFICATION OF CONVEYOR BELT (Spec-‘B’) (BC-4)**

Duty :- To handle highly abrasive uranium ore having lump sizes between  
25mm to 150mm.  
Height of fall – 1mt to 3mt  
Sp. Gr. of ore ~ 2.8

Standards:        i) IS 1891 Part I – 1994  
                      ii) DIN – N  
                      iii) AS – A

Cover grade :    Super Abrasion Resistant  
                      Maximum Abrasion Loss – 90 mm<sup>3</sup>  
                      Top rubber thickness – 6 mm  
                      Bottom rubber thickness – 3mm  
                      Cut Edge

Carcass :         Heavy Duty  
                      Rating – 1250/5  
                      Type – NN (Nylon-Nylon)

Breaker :         Two numbers  
                      i)     One number at the top  
                      ii)    One floating

Width :            1200mm

**Guarantee / Warranty:** Minimum 18 months from the date of supply or 12 months from the date of installation, whichever is earlier.

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**SPECIFICATION OF CONVEYOR BELT (Spec-‘C’) (BC-1)**

Duty :- To handle highly abrasive uranium ore having lump sizes between 150mm to 550mm.

Height of fall – 3mt to 4.5mt

Sp. Gr. of ore ~ 2.8

Standards:        i) IS 1891 Part I – 1994  
                         ii) DIN – N  
                         iii) AS – A

Cover grade :    Super Abrasion Resistant  
                         Maximum Abrasion Loss – 90 mm<sup>3</sup>  
                         Top rubber thickness – 6 mm  
                         Bottom rubber thickness – 3mm  
                         Cut Edge

Carcass :         Heavy Duty  
                         Rating – 1000/4 Ply. HD  
                         Type – NN (Nylon-Nylon)

Breaker :         Two numbers  
                         i)        One at the top  
                         ii)        One floating

Width :            1600mm

**Guarantee / Warranty:** Minimum 18 months from the date of supply or 12 months from the date of installation, whichever is earlier.

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**SPECIFICATION OF CONVEYOR BELT (Spec-'D') (BC-9, Modified)**

Duty :- To handle highly abrasive uranium ore having lump sizes between 25mm to 65mm.

Height of fall – 1mt to 2.5 mt

Sp. Gr. of ore ~ 2.8

Standards:        i) IS 1891 Part I – 1994  
                      ii) DIN – N  
                      iii) AS – A

Cover grade :    Super Abrasion Resistant  
                      Maximum Abrasion Loss – 90 mm<sup>3</sup>  
                      Top rubber thickness – 6 mm  
                      Bottom rubber thickness – 3mm  
                      Cut Edge

Carcass :         Heavy Duty  
                      Rating – 800/4  
                      Type – NN (Nylon-Nylon)

Width :            1200mm

**Guarantee / Warranty:** Minimum 18 months from the date of supply or 12 months from the date of installation, whichever is earlier.