

BOM for Supply of SS Fasteners A2-70 Grade for MMS -GIPCL 75MW						
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1 SET includes(1 Bolt+1 Nut+2 Plain Washers +1 Spring Washer + 1 Serrated/ Star Washer.						
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	Grade	Remarks	Item	For 1 PV- Module-Nos	Nos for 234375 PV- Modules-Nos	Rounding in Nos
	SS304-A2-70	For PV Module Connection	M8x20	4	937500	940000

Supply of 940000 nos of M8X20 fasteners-complete Set each.
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MANUFACTURING QUALITY PLAN (MQP)										
	ITEM :	SUPPLY OF FASTENERS FOR MMS FOR SPV PLANT			PROJECT NAME:	75MW GIPCL-Charanka				
	MQP NO.:				CONTRACT NO.:					
	REV. NO.:				CONTRACTOR:					
	DATE :				CUSTOMER :	BHEL				
S.No	COMPONENTS & OPERATIONS	CHARACTERISTICS	TYPE OF CHECK	QTY OF CHECK	REFERENCE DOCUMENTS	ACCEPTANCE NORMS	RECORD	AGENCY		REMARKS
1.0	RAW MATERIALS							M	B	
1.1	CHEMICAL & MECHANICAL TEST	CHEMICAL & MECHANICAL PROPERTIES	NABL LAB TEST	EACH HEAT		SS304 GRADE -CLASS A2-70	TC	P	V	
2.0	BOI									
2.1	BOLT	CHEMICAL & MECHANICAL PROPERTIES & DIMENSIONS AS PER RELEVANT IS/DIN STANDARDS	NABL LAB TEST & MEASUREMENTS	AS PER IS 2500(Part 1):2000 ISO 2859-1:1999		SS304 GRADE -CLASS A2-70	LAB TC & REPORT	P	V	
2.2	NUT	CHEMICAL & MECHANICAL PROPERTIES & DIMENSIONS AS PER RELEVANT IS/DIN STANDARDS	NABL LAB TEST & MEASUREMENTS	AS PER IS 2500(Part 1):2000 ISO 2859-1:1999		SS304 GRADE -CLASS A2-70	LAB TC & REPORT	P	V	
2.3	PLAIN WASHER	CHEMICAL & MECHANICAL PROPERTIES & DIMENSIONS AS PER RELEVANT IS/DIN STANDARDS	NABL LAB TEST & MEASUREMENTS	AS PER IS 2500(Part 1):2000 ISO 2859-1:1999		SS304 GRADE -CLASS A2-70	LAB TC & REPORT	P	V	
2.4	SERRATED/ STAR WASHER	CHEMICAL & MECHANICAL PROPERTIES & DIMENSIONS AS PER RELEVANT IS/DIN STANDARDS	NABL LAB TEST & MEASUREMENTS	AS PER IS 2500(Part 1):2000 ISO 2859-1:1999		SS304 GRADE -CLASS A2-70	LAB TC & REPORT	P	V	
2.5	SPRING WASHER	CHEMICAL & MECHANICAL PROPERTIES & DIMENSIONS AS PER RELEVANT IS/DIN STANDARDS	NABL LAB TEST & MEASUREMENTS	AS PER IS 2500(Part 1):2000 ISO 2859-1:1999		SS304 GRADE -CLASS A2-70	LAB TC & REPORT	P	V	
3.0	INSPECTION									
3.1	DIMENSION	CHEMICAL & MECHANICAL PROPERTIES & DIMENSIONS AS PER RELEVANT IS/DIN STANDARDS	MEASUREMENT & GO/ NO GO GAUGE	AS PER IS 2500(Part 1):2000 ISO 2859-1:1999		DRAWING & STANDARD	REPORT	P	V	
4.0	FINAL INSPECTION									
4.1	MARKING/FINISH	COMPANY STANDARD	VISUAL	RANDOM		IDENTIFICATION A2-70	REPORT	P	V	
4.2	PACKING	As per BHEL Spec	VISUAL	RANDOM		LABEL & NO OF BOXES	REPORT	P	V	

LEGEND:

M: MANUFACTURER
C:BHEL and/or KPCL
D:DOCUMENT
P:PERFORM
W:WITNESS
V: VERIFICATION

MANUFACTURER



CUSTOMER