

## **OFFER FOR STEEL RAILS KSA**

### PRODUCT PURCHASE & DESCRIPTION

<b>PRODUCT:</b>	<b>STEEL RAIL KSA, STANDARD SECTION TEE RAILS, STANDARD WEIGHT 50 POUNDS PER YARD, OVER HEAVIER 12.50 METER OR 120.50 METER LONG</b>
<b>STANDARD:</b>	<b>USED R50, R65</b>
<b>DIMENSIONS:</b>	<b>LENGTH 1.20M</b>
<b>WEIGHT:</b>	<b>R65 COST 8165,75 WEIGHT 64,72 KG/METER R50 COST 7173,75 WEIGHT 51,67 KG/METER</b>
<b>TRIAL:</b>	<b>30,000 T ( thirty Thousand TONS) 8,940,000 USD (EIGHT MILLION NINE HUNDRED FOURTY THOUSAND USD) +/- 5%</b>
<b>QUANTITY:</b>	<b>100,000 MT X 12 MONTHS with annual renewal / R&amp;E (1,200,000 MT PER YEAR – 357,600.000 USD (THREE HUNDRED FIFTY SEVEN MILLION SIX HUNDERED THOUSANDS USD) +/-5%</b>
<b>PRICE:</b>	<b>USD 298,00/MT (Two Hundred ninety eight DOLLARS per MT) - CIF PORT Europe</b>
<b>TOTAL VALUE</b>	<b>366.540,000 USD (THREE HUNDRED SIXTY SIX MILLION FIVE HUNDERED FOURTY THOUSANDS USD) +/-5%</b>

## TECHNICAL SPECIFICATION

The name of the upper track material	Function	GOST, OST, TU	Drawing
R50 rails	Used for a railway with a freight intensity of 25 to 75 million tons per km / km per year.	GOST R 51685-2000	
R65 rails	Used for railways with a freight intensity of 10 to 25 million tons per kilometer / km per year.	GOST R 51685-2000	



**Specifications of railways R50/R60/R65 :**

- SECOND QUALITY-RAILWAY USED
- RAIL STEEL NO. 1. STANDARD SECTION TEE RAILS, ORIGINAL WEIGHT 50 POUNDS PER YARD, OVER HEAVIER, 120.50 M RAILS.
- STEEL NO. 2. CROPPED RAIL ENDS, STANDARD SECTION, ORIGINAL WEIGHT 50 POUND PER YARD AND OVER 12.50 METERS LONG.
- 28)B) (28C) RAIL – STEEL NO.2 T – RAIL ENDS STANDARD SECTION – ORIGINAL WEIGHT 50 POUNDS PER YARD AND OVER 12.50 POUNDS PER YARD AND OVER 12.50 METERS – RAIL, STEEL NO.3, STANDARD SECTION FEE, GENDER, AND / OR GUARD RAILS, FREE FROM FROG AND SWITCH RAILS NOT CUT APART, AND CONTAIN NO MANGANESE, CAST, WELDS OR ATTACHMENT ANY KIND EXCEPT ANGLE BARS ALSO RAILS, NOT FOUND AND WITHOUT RADIATION AND EXPLOSIVE SUBSTANCE...
- 1.0M ( 1.0 – 1.5M( RAIL FERROUS
- (R 50/ R65 ) CHEMICAL COMPOSITION SHALL BE ACCORDING TO

R65 GOST 8165.75 WEIGHT 64.72 KG/METER	R50 GOST 7173.75 WEIGHT 51.67 KG/METER
- C = 0.54 % _ 0.82%	- C = 0.54 % _ 0.82%
- SI = 0.18 _ 0.40%	- SI = 0.18 _ 0.40%
- MN = 0.60 _ 1.05%	- MN = 0.60 _ 1.05%
- S = 0.04% _ MAX	- S = 0.04% _ MAX
- P = 0.035 % AS – 0.01 MIX OF MASS SHARE	- P = 0.035 % AS – 0.01 MIX OF MASS SHARE



**PRODUCT IMAGE**

Sample Description: -							
Material Description	RAILWAY SAMPLE R50/R65			Sampling Date	14/12/2020		
Brand/Source	N/G			Grade	R50/R65		
Supplier	N/G			Batch/Packing No.	N/G		
Name of Elements	Symbol	Test Result (% Average)	R65/R50 SPECIFICATION	Name of Elements	Symbol	Test Result (% Average)	R65/R50 SPECIFICATION
Carbon	C	0.60	0.54-0.82	Tungsten	W	<0.0002	.....
Silicon	Si	0.37	0.18-0.40	Lead	Pb	<0.0002	.....
Manganese	Mn	0.85	0.60-1.05	Tin	Sn	0.004	.....
Phosphorus	P	0.019	0.035	Arsenic	As	<0.0002	.....
Sulfur	S	0.013	0.04max	Calcium	Ca	<0.0000	.....
Chromium	Cr	0.015	.....	Antimony	Sb	<0.0004	.....
Molybdenum	Mo	<0.0000	.....	Boron	B	0.0006	.....
Nickel	Ni	0.007	.....	Nitrogen	N	0.005	.....
Aluminium	Al	0.0007	.....	Iron	Fe	97.9	.....
Copper	Cu	<0.0002	.....	Cobalt	Co	0.052	.....
Niobium	Nb	0.025	.....	Vanadium	V	0.13	.....
Titanium	Ti	0.003	.....	Cerium	Ce	<0.0001	.....
Zirconium	Zr	<0.0001	.....	Bismuth	Bi	<0.0002	.....
Silver	Ag	<0.0000	.....	Zinc	Zn	0.003	.....



