

BILL OF QUANTITIES FOR TRASH SCREEN, CV07 HEAD CHUTE AND MILL B TRASH SCREEN SPOUT STRUCTURE AND THE FABRICATION OF MILL B TRASH SCREEN CV7 CHUTE.

No.	Description	Quantity	Unit	Rate	Amount
A	STRUCTURAL AND MATERIAL COST				
1	H- Iron				
i)	135mm x 210mm x 10mm Thickness				
ii)	155mm x 160mm x 10mm Thickness				
iii)	170mm x 300mm x 10mm Thickness				
2	Angle Iron				
i)	100mm x 100mm x 10mm Thickness				
ii)	70mm x 70mm x 5mm Thickness				
iii)	80mm x 80mm x 10mm Thickness				
iv)	50mm x 50mm x 3mm Thickness				
v)	70mm x 70mm x 10mm Thickness				
vi)	50mm x 50mm x 5mm Thickness				
3	Channel Iron				
i)	100mm x 50mm x 5mm Thickness				
ii)	140mm x 60mm x 10mm Thickness				
iii)	180mm x 90mm x 10mm Thickness				
iv)	180mm x 80mm x 10mm Thickness				
v)	210mm x 75mm x 10mm Thickness				
vi)	180mm x 80mm x 5mm Thickness				
vii)	150mm x 70mm x 5mm Thickness				
4	Pipes				
i)	½" x 3mm				
ii)	1" x 3mm				
iii)	1½" x 3mm				
iv)	¼" x 3mm				
5	Flat Bar				
i)	105mm x 3mm				
ii)	75mm x 5mm				
6	Plate				
i)	1220mm x 2440mm x 12mm Thickness				
7	Gratings				
i)	1200mm x 2500mm				
8	Bolts, Nuts and Washers				
i)	M16				
ii)	M12				
iii)	M20				
iv)	M22				
9	Anchor bolt				
i)	M16				

B	MATERIALS FOR TRASH SCREEN FABRICATION				
1	Plate				
i)	1220mm x 2440mm x 12mm Thickness				
ii)	1220mm x 2440mm x 10mm Thickness				
iii)	1220mm x 2440mm x 6mm Thickness				
2	Angle Iron				
i)	75mm x 75mm x 10mm				
3	Channel Iron				
i)	100mm x 50mm x 5mm Thickness				
4	Flat Bar				
i)	50mm x 10mm thickness				
5	Pipe				
i)	16" Round Pipe				
6	Bolts, Nuts and Washers				
i)	M16				
C	MATERIALS CV7 CHUTE FABRICATION				
1	Plate				
i)	1220mm x 2440mm x 25mm Thickness hardox plate				
ii)	1220mm x 2440mm x 6mm Thickness				
2	Flat Bar				
i)	75mm x 75mm x 10mm				
ii)	75mm x 75mm x 5mm				
3	Bolts, Nuts and Washers				
i)	M16				
D	FABRICATION COST				
	Machinery				
1	Welding/Grinding Machine				
2	Scaffolding				
3	Hiab/Crane services				
	Welding Consumables				
1	Electrode 7018				
2	Cutting Disc				
3	Grinding Disc				
4	Oxygen				
5	Acetylene				
E	NON DESTRUCTIVE EXAMINATION (NDE) COST				
	Tests				
1	Visual Testing				
2	Load Testing				
3	Dye Penetrant Testing				
4	Magnetic Particle Testing				
F	PAINTING COST				
	EXTERNAL PAINT-Internation (Hempel) (MDS Attached)	Quantity	Unit	Rate	Amount
1	Hempel (Primer) + Hardener				
2	Hempel (Top coat) + Hardener				

3	Thinner for cleaning purposes				
G	LABOUR				
1	Supervisor				
2	Safety personnel				
3	Welder				
4	General labourer				
H	TRANSPORTATION				
1	Delivery of materials to site				
2	Transport of tools and equipment				
3	Fuel and Vehicle Cost				
I	ADMINISTRATION AND SAFETY				
1	Site Induction				
2	PPE and Safety signs				
3	First aid kit and fire extinguishers				
J	ACCOMMODATION AND FEEDING				
1	Lodging and feeding for staff				
FINAL SUMMARY					
No.	SUMMARY				
1	Material Cost				
2	Fabrication Cost				
3	NDE Cost				
4	Painting Cost				
5	Labour				
6	Transportation				
7	Administration and Safety				
8	Accommodation and Feeding				
Sub Total excluding VAT					
Contingency					
GRAND TOTAL					

MILL
N AND[illegible]

[illegible]