

PROJECT: BOILER TUBES MANIPULATION BENDING DURING PLANNED/ UNPLANNED OUTAGE ON AND AS AND WHEN REQUIRED BASIS OF THE PERIOD OF FIVE (05) YEARS

ITEM NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	ITEM 1 PRELIMINARIES AND GENERALS				
1.1	Safety file submission for the duration of Contract (Gets reviewed annually)	Once off	1		
1.2	Security/Police Clearance Certification	Once Off	1		
1.3	5 tonne Truck	Per km	18000		
1.4	Light Driven Vehicle	Per km	12000		
	Sub-total Item 1 (Preliminaries & General) carried to Final Summary				
2	ITEM 2 TUBES BENDING ANGLES				
2.1	<u>Bending of Tubes up to 90°, WT 6mm W/T</u>				
2.1.1	0-25mm OD	Each	1000		
2.1.2	25.1 – 30mm OD	Each	1000		
2.1.3	30.1 – 38mm OD	Each	1000		
2.1.4	38.1 – 44.5mm OD	Each	1000		
2.1.5	44.6 – 52mm OD	Each	1000		
2.1.6	52.1 – 76mm OD	Each	1000		
2.2	<u>Bending of Tubes up to 90°, WT 6.1mm - 10mm</u>				
2.2.1	0-25mm OD	Each	1000		
2.2.2	25.1 – 30mm OD	Each	1000		
2.2.3	30.1 – 38mm OD	Each	1000		
2.2.4	38.1 – 44.5mm OD	Each	1000		
2.2.5	44.6 – 57mm OD	Each	1000		
2.3	<u>Bending of Tubes > 91° , and U-bends WT < 6mm</u>				
2.3.1	0-25mm OD	Each	1000		
2.3.2	25.1 – 30mm OD	Each	1000		
2.3.3	30.1 – 38mm OD	Each	1000		
2.3.4	38.1 – 44.5mm OD	Each	1000		
2.3.5	44.6 – 57mm OD	Each	1000		
2.4	<u>Bending of Tubes > 91° , and U-bends WT < 6-10 mm</u>				
2.4.1	0-25mm OD	Each	1000		
2.4.2	25.1 – 30mm OD	Each	1000		
2.4.3	30.1 – 38mm OD	Each	1000		
2.4.4	38.1 – 44.5mm OD	Each	1000		
2.4.5	44.6 – 57mm OD	Each	1000		
2,5	<u>Bending Of 0-180° Hot Pressed return Bends</u>				
2.5.1	30 - 60mm OD	Each	1000		
2.5.2	PWHT-of any bend as per the material	Each	3000		
2.5.3	Supply of an approved manufacturing drawing including calculations-finned tubing	Each	3000		
2.5.3	Bending and manipulation of the Evaporator Screw Wall Corner Bends- 2D/3D bends	Each	3000		
2.5.4	AIA Inspection	Each	1000		
	Sub-total Item 2 (Tubes Bending angles) carried to Final Summary				
ITEM 1	FINAL SUMMARY PRELIMINARIES AND GENERAL				
ITEM 2	TUBES BENDING ANGLES				
	Final Summary Total (Excl. VAT)				