

# ADVANCED MANUFACTURING

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TITLE **BOM RFQ (Annexure A)** Page 1 of 1

Necsa RFQ No.: **AM-18033-RFQ-0001** THABANA PIPE STORE Part 1

QAR's required (for ASME III materials): **N/A**

BOM Item No.	Drawing No. / Service	Rev	Specification	TDS No. & Rev.	Ordering of material Size	Qty	Unit Price	Price
13	APO-017-0207-101-011218	2	ISO 4032 Stainless Steel A2 Class 70	AM-18033-TDS-0005	HEXAGON NUT: M10	100		
14	APO-017-0207-101-011218	2	ISO 7089 Stainless Steel A2 Class 70	AM-18033-TDS-0005	FLAT WASHER: M10	100		
16	APO-017-0207-101-011218	2	DIN 580 STEEL C15	AM-18033-TDS-0005	LIFTING EYE BOLT: M12	50		
17	APO-017-0207-101-011218	2	ISO 4014 STAINLESS STEEL A2 Class 70	AM-18033-TDS-0005	HEX CAP SCREW (PARTIALLY THREADED): M24 x 100	580		
18	APO-017-0207-101-011218	2	ISO 7089 Stainless Steel A2 Class 70	AM-18033-TDS-0005	FLAT WASHER: M24	580		
19	APO-017-0207-101-011218	2	ISO 4032 Stainless Steel A2 Class 70	AM-18033-TDS-0005	HEX NUT: M24	580		
STORAGE VESSEL								
20	APO-017-0207-103-011219	4	APO-017-0207-102-011231					
21	APO-017-0207-103-011219	4	ASME B36.19M ASTM A312M TP304L WELDED PIPE	AM-18033-TDS-0004	PIPE: NPS 5 SCH 40S x 6000mm	97		
22	APO-017-0207-103-011219	4	ASME B36.19M ASTM A312M TP304L WELDED PIPE	AM-18033-TDS-0004	PIPE: NPS 5 SCH 40S x 6000mm	48		
23	APO-017-0207-103-011219	4	ASNE B16.9 ASME A403M WP304L Class S	AM-18033-TDS-0001	END CAP: NPS 5 SCH 40S	49		
24	APO-017-0207-103-011219	4	ASTM A240M 304L	AM-18033-TDS-0003	PLATE:2500 x 1250 x 16 THK	2		
25	APO-017-0207-103-011219	4	ASME B36.19M ASTM A312M TP304L WELDED PIPE	AM-18033-TDS-0004	PIPE: NPS 10 SCH 40S x 6000 mm	4		
26	APO-017-0207-103-011219	4	ASME B16.5 ASTM A182M F304L	AM-18033-TDS-0002	SLIP-ON-RAISED-FACE FLANGE: NPS 10 SCH 40S CLASS 150	48		
SHUTTERING								
27	APO-017-0207-103-011220	2	EN 10025 S355JR	APO-017-0207-103-011220	PLATE: 3000 x 1500 x 6 THK	6		
28	APO-017-0207-103-011220	2	ASME B36.10M ASTM A106M GR. B Seamless Pipe	APO-017-0207-103-011220	PIPE: NPS 12 SCH 10 x 6000 mm	5		
29	APO-017-0207-103-011220	2	EN 10025 S355JR	APO-017-0207-103-011220	PLATE 3000 x 1500 x 3 THK	16		
30	APO-017-0207-103-011220	2	EN 10025 S355JR	APO-017-0207-103-011220	PLATE: 3000 x 1500 x 3 THK	8		

BOM Item No.	Drawing No. / Service	Rev	Specification	TDS No. & Rev.	Ordering of material Size	Qty	Unit Price	Price
31	APO-017-0207-103-011220	2	EN 10025 S355JR	APO-017-0207-103-011220	PLATE: 3000 x 1500 x 6 THK	16		
32	APO-017-0207-103-011220	2	EN 10025 S355JR	APO-017-0207-103-011220	SQUARE BAR: 10 x 10 x 6000 mm	25		
	PEDESTAL							
33	APO-017-0207-103-011221	3	ASTM-A240M 304L	AM-18033-TDS-0003	PLATE: 3000 x 1500 x 6 THK	2		
34	APO-017-0207-103-011221	3	ASTM-A240M 304L	AM-18033-TDS-0003	PLATE: 3000 x 1500 x 10 THK	2		
	BORE HOLE CASING							
35	APO-017-0207-103-011222	2	ASME B36.10M ASTM A106M GR. B Seamless Pipe	APO-017-0207-103-011222	NPS 10 SCH 20 x 6000mm	192		
36	APO-017-0207-103-011222	2	EN 10025 S355JR	APO-017-0207-103-011222	PLATE: 3000 x 1500 x 6 THK	1		
	FIBRE CEMENT ASSY							
37	APO-017-0207-103-011223	2	EN 10025 S355JR	APO-017-0207-103-011223	PLATE: 3000 x 1500 x 1.6 THK	6		
38	APO-017-0207-103-011223	2	EN 10025 S355JR	APO-017-0207-103-011223	PLATE: 3000 x 1500 x 16 THK	1		
39	APO-017-0207-103-011223	2	DIN 582 STEEL C15	AM-18033-TDS-0005	LIFTING EYE NUT: M8	48		
40	APO-017-0207-103-011223	2	ISO 4017 STEEL 8.8	AM-18033-TDS-0005	HEX CAP SCREW (FULLY THREADED): M8 x 30	48		
	ANTI-TAMPER COVER							
41	APO-017-0207-103-011225	3	ASTM-A240M 304L	AM-18033-TDS-0003	PLATE: 3000 x 1500 x 6 THK	16		
	FLANGE							
42	APO-017-0207-102-011226	2	ASME B16.5 ASTM A182M F304L	AM-18033-TDS-0002	BLIND FLANGE: NPS 10 CLASS 150	48		
	COVER							
44	APO-017-0207-102-011228	3	MILD STEEL CHEQUER PLATE, VASTRAP COMMERCIAL QUALITY	APO-017-0207-102-011228	PLATE: 3000 x 1500 x 6 THK (Hot dip Galvanise to spec SANS 121)	16		
	SPRING							
45	APO-017-0207-102-011229	2	ASTM A313M Type 316	APO-017-0207-102-011229	Spring wire Ø15.9mm x 3850mm	48		
	SEAL SCREW							
46	APO-017-0207-101-011230	2	ISO 4017 STAINLESS STEEL A2 Class 70	AM-18033-TDS-0005	HEX CAP SCREW (FULLY THREADED): M10 x 35	100		
	PLUG							
47	APO-017-0207-103-011224	3	ASTM A240M 304L	AM-18033-TDS-0003	PLATE: 3000 x 1500 x 6 THK	1		

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BOM Item No.	Drawing No. / Service	Rev	Specification	TDS No. & Rev.	Ordering of material Size	Qty	Unit Price	Price
48	APO-017-0207-103-011224	3	ASTM A479M 304L	APO-017-0207-103-011224	ROUND BAR OD 50 x 1500mm	1		
49	APO-017-0207-103-011224	3	ASTM A240M 304L	AM-18033-TDS-0003	PLATE: 3000 x 1500 x 3 THK	3		
50	APO-017-0207-103-011224	3	ASTM A240M 304L	AM-18033-TDS-0003	PLATE: 3000 x 1500 x 3 THK	1		
52	APO-017-0207-103-011224	3	ASTM A213M TP304L	APO-017-0207-103-011224	TUBE OD 15.9 x 1.6 WT x 6000mm	8		
53	APO-017-0207-103-011224	3	ASTM A240M 304L	AM-18033-TDS-0003	PLATE: 1250 x 2400 x 3 THK	1		
	CONE							
54	APO-017-0207-101-011231	3	ASTM A240M 304L	AM-18033-TDS-0003	PLATE: 3000 x 1500 x 2 THK	6		
	VALVE and FITTING ASSY							
55	74M724-01-01	2	SWAGELOK PART No SS-810-3-8TTM	74M724-01-01	1/2" x 1/2" MALE BRANCH TEE	48		
56	74M724-01-01	2	ASTM A213M TP304L	74M724-01-01	TUBE: 1/2" OD x 0.049" WT (12,7 OD x 1,245 WT x 6000mm)	1		
57	74M724-01-01	2	ASTM A213M TP304L	74M724-01-01	TUBE: 1/4" OD x 0.035" WT (6,35 OD x 0,889 WT x 6000mm)	1		
58	74M724-01-01	2	SWAGELOK PART No SS-810-R-4	74M724-01-01	1/2" x 1/4" REDUCER	96		
59	74M724-01-01	2	SWAGELOK PART No SS-400-9	74M724-01-01	1/4" UNION ELBOW	48		
60	74M724-01-01	2	SWAGELOK PART No SS-4BG	74M724-01-01	1/4" NUPRO VALVE (4B SERIES)	48		
61	74M724-01-01	2	SWAGELOK PART No PGI-63B-TC150-LAQX	74M724-01-01	PRESURE GAUGE	48		
62	74M724-01-01	2	74M724-01-01	74M724-01-01	VACUUM FLANGE	48		
	Chemset Masonary Anchor							
65	APO-017-0207-101-011218	2	Chemset M8	APO-017-0207-101-011218	Masonry Anchor M8	150		