

Package No: AIP-DSIC-006 Cu-Ni Pipe, Fittings and Flanges

Package Name: **Cu-Ni Pipe, Fittings and Flanges**

Scope of Work

The following quantities and sizes are indicative and preliminary and will be subjected to change as the project progresses.

The purpose of the Cu-Ni Pipe, Fittings and Flanges is used for Fire Water System, Low Expansion Foam System and Helideck Foam Fire Fighting System.

Cu-Ni Pipe Standard is EEMUA NO.144:1, Material description is SEAMLESS ASTM B466 C70600 ANNEALED, and indicative quantity is listed below.

NAME	SIZE	W.T.(mm)	QTY.(m)
SMLS 90/10 CuNi	16"	φ419x7.0	60
SMLS 90/10 CuNi	14"	φ368x6.5	150
SMLS 90/10 CuNi	12"	φ323.9x5.5	80
SMLS 90/10 CuNi	10"	φ267x4.5	250
SMLS 90/10 CuNi	8"	φ219.1x4.0	1500
SMLS 90/10 CuNi	6"	φ159x3.0	550
SMLS 90/10 CuNi	4"	φ108x3.0	400
SMLS 90/10 CuNi	3"	φ88.9x3.0	200
SMLS 90/10 CuNi	2.5"	φ76.1x3.0	300
SMLS 90/10 CuNi	2"	φ57x3.0	200

Cu-Ni Fittings and Flanges total quantity is listed below.

NAME	STANDARD	MATERIAL	SIZE	QTY.(pcs)
ELBOW 90DEG	EEMUA No.146.:1	Welded 90/10 CuNi UNS 7060X	16"	3
ELBOW 45DEG	EEMUA No.146.:1	Welded 90/10 CuNi UNS 7060X	16"	1
ELBOW 30DEG	EEMUA No.146.:1	Welded 90/10 CuNi UNS 7060X	16"	1
ELBOW 90DEG	EEMUA No.146.:1	Welded 90/10 CuNi UNS 7060X	14"	14
ELBOW 45DEG	EEMUA No.146.:1	Welded 90/10 CuNi UNS 7060X	14"	4
ELBOW 30DEG	EEMUA No.146.:1	Welded 90/10 CuNi UNS 7060X	14"	2
ELBOW 90DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	12"	8
ELBOW 45DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	12"	2
ELBOW 30DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	12"	2
ELBOW 90DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	10"	16
ELBOW 45DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	10"	6

	ELBOW 30DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	10"	5
	ELBOW 90DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	8"	60
	ELBOW 45DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	8"	30
	ELBOW 30DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	8"	20
	ELBOW 90DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	6"	16
	ELBOW 45DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	6"	6
	ELBOW 30DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	6"	5
	ELBOW 90DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	4"	16
	ELBOW 45DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	4"	6
	ELBOW 30DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	4"	5
	ELBOW 90DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	3"	16
	ELBOW 45DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	3"	6
	ELBOW 30DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	3"	5
	ELBOW 90DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	2.5"	16
	ELBOW 45DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	2.5"	6
	ELBOW 30DEG	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	2.5"	5
	ELBOW 90DEG	EEMUA No.146.:3	90/10 CuNi UNS 7060X	2"	16
	ELBOW 45DEG	EEMUA No.146.:3	90/10 CuNi UNS 7060X	2"	6
	ELBOW 30DEG	EEMUA No.146.:3	90/10 CuNi UNS 7060X	2"	5
	TEE	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	8"	40
	TEE	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	4"	16
	TEE	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	3"	4
	REDUCER	EEMUA No.146.:1	Welded 90/10 CuNi UNS 7060X	14" X12"	4
	REDUCER	EEMUA No.146.:1	Welded 90/10 CuNi UNS 7060X	14" X10"	4
	REDUCER	EEMUA No.146.:1	SMLS 90/10 CuNi UNS 7060X	10" X8"	4
	FLG WN COMPOSITE	ASME B16.5, EEMUA	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10	16"	16

		145:1	CuNi UNS 7060X STUB END SHORT TYPE		
FLG	WN	ASME B16.5, EEMUA 145:1	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10 CuNi UNS 7060X STUB END SHORT TYPE	14"	26
FLG	WN	ASME B16.5, EEMUA 145:1	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10 CuNi UNS 7060X STUB END SHORT TYPE	12"	16
FLG	WN	ASME B16.5, EEMUA 145:1	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10 CuNi UNS 7060X STUB END SHORT TYPE	10"	36
FLG	WN	ASME B16.5, EEMUA 145:1	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10 CuNi UNS 7060X STUB END SHORT TYPE	8"	100
FLG	WN	ASME B16.5, EEMUA 145:1	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10 CuNi UNS 7060X STUB END SHORT TYPE	6"	50
FLG	WN	ASME B16.5, EEMUA 145:1	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10 CuNi UNS 7060X STUB END SHORT TYPE	4"	40
FLG	WN	ASME B16.5, EEMUA 145:1	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10 CuNi UNS 7060X STUB END SHORT TYPE	3"	20
FLG	WN	ASME B16.5, EEMUA 145:1	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10 CuNi UNS 7060X STUB END SHORT TYPE	2.5"	20
FLG	SO	ASME B16.5, EEMUA 145:4	90/10 CuNi UNS 7060X STOCK FINISH	2"	20
FLG	WN	ASME B16.5, EEMUA 145:3	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10 CuNi UNS 7060X STUB END SHORT TYPE	16"	2
FLG	WN	ASME B16.5, EEMUA	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10	14"	6

		145:3	CuNi UNS 7060X STUB END SHORT TYPE		
FLG SOLID	WN	ASME B16.5, EEMUA 145:3	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10 CuNi UNS 7060X STUB END SHORT TYPE	12"	8
FLG SOLID	WN	ASME B16.5, EEMUA 145:3	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10 CuNi UNS 7060X STUB END SHORT TYPE	10"	10
FLG SOLID	WN	ASME B16.5, EEMUA 145:3	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10 CuNi UNS 7060X STUB END SHORT TYPE	8"	20
FLG SOLID	WN	ASME B16.5, EEMUA 145:3	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10 CuNi UNS 7060X STUB END SHORT TYPE	6"	10
FLG SOLID	WN	ASME B16.5, EEMUA 145:3	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10 CuNi UNS 7060X STUB END SHORT TYPE	4"	10
FLG SOLID	WN	ASME B16.5, EEMUA 145:3	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10 CuNi UNS 7060X STUB END SHORT TYPE	3"	10
FLG SOLID	WN	ASME B16.5, EEMUA 145:3	ASTM A105N BACKING FLANGE(HDG+EXPOXY COATING)+90/10 CuNi UNS 7060X STUB END SHORT TYPE	2.5"	10
FLG SOLID	WN	ASME B16.5, EEMUA 145:3	90/10 CuNi UNS 7060X STOCK FINISH	2"	10

The expected scope of work of the supplier is to supply pipe, elbow, tee, weldolet, reducer, nipple, flange, etc.

Contract Award Q2 2020; Delivery Q1 2021

Project Registration

ConocoPhillips is committed to ensuring Australian Industry full, fair and reasonable opportunity to participate in the Barossa Offshore Project. Expressions of Interest are invited from contractors and suppliers with the relevant capability and capacity to undertake the scope of work.

This is a request for specific expressions of interest. Contractors and suppliers will be considered for prequalification and tender if suitably qualified against this package.

Note that an important part of the project registration process is to register an Expression of Interest at the correct Scope level.

Scope level definition:

Full scope: Able to produce / supply the entire package.

Partial scope: Able to produce / supply one or more of the sub-packages.

All registrations are to be completed via ICN Gateway BarossaOffshore.icn.org.au. Please contact the ICNNT if registration assistance is required. Contact details: (08) 8922 9422 or admin@icnnt.org.au.

Project Website: ConocoPhillips Australia