


# Preliminary List of Equipment and Piping

## CO<sub>2</sub> Capture Facility

Kårstø, Norway

### Bechtel Proprietary and Confidential

© 2008 Bechtel Power Corporation. All rights reserved. Bechtel Confidential. Contains information that is confidential and proprietary to Bechtel and may not be used, reproduced or disclosed in any format without Bechtel's prior written permission. This document is prepared exclusively for Gassnova in connection with the preparation of the FEED study for the CO<sub>2</sub> Capture Facility at Karsto, Norway, and is not to be relied upon by others or used in connection with any other project.

0	26 Nov 08	Issued for Information	<i>[Signature]</i>	RWAS	RWAS	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Rev.	Date	Reason for Revision	By	Check	App	App		
 Bechtel Power Corporation			Job No. 25474		Document No. 25474 - 000 - 30X - C15G - 00002		Rev. 0	
			PAGE 1 of 2					
<b>GASSNOVA</b>			Project No. - Originator - Disc Code - Doc Type - Serial No. <b>10112936 - PB - C - PAL - 0001</b>					

Item	Quantity	Unit	Dimensions (mm)			Weight (kg)
			Length	Width	Height	
Reinforced Concrete Pipe <sup>(1)</sup>	1 lot	173 kg/m	30300	300 ID/ 416 OD	---	5250
Reinforced Concrete Pipe <sup>(1)</sup>	1 lot	281 kg/m	441100	450 ID/ 586 OD	---	124000
Reinforced Concrete Pipe <sup>(1)</sup>	1 lot	480 kg/m	84300	600 ID/ 776 OD	---	40500
Precast Concrete Manhole <sup>(1) (2)</sup>	4	9000 kg/ea	1800	1800	2100	36000
Precast Concrete Catch Basin <sup>(1) (2)</sup>	14	9100 kg/ea	1500	1500	2300	127400
Precast Concrete Cable Trench <sup>(3)</sup>	1 lot	1381 kg/m	175300	1575	1425	242100
Precast Concrete Cable Trench <sup>(3)</sup>	1 lot	1455 kg/m	54900	1575	1575	79900
Precast Concrete Cable Trench <sup>(3)</sup>	1 lot	1664 kg/m	155500	2030	1575	258700
Precast Concrete Cable Trench <sup>(3)</sup>	1 lot	1812 kg/m	47300	2030	1880	85700
Fiberglass Reinforced Pipe Seawater Line <sup>(4)</sup>	1 lot	215 kg/m	523100	1605 ID/ 1637 OD	---	112500
Flue Gas Main Ductwork Module <sup>(5) (8)</sup>	6	4250 kg/m	24000	7200	7500	102000
Flue Gas Main Ductwork Module <sup>(6) (8)</sup>	2	4975 kg/m	21500	11500	7500	107000
Flue Gas Branch Ductwork Module <sup>(7)</sup>	2	3150 kg/m	25000	7200	8250	91000
Ductwork Support Steel Tower Module <sup>(8)</sup>	5	4220 kg/m	8500	6700	11000	46400
Ductwork Support Steel Tower Module	1	1520 kg/m	6700	4200	22000	33500
Main and Branch Ductwork Support Steel Bridge Module <sup>(8)</sup>	4	1565 kg/m	40000	8500	4000	62600
Pipe Rack Module <sup>(8)</sup>	10	1150 kg/m	20100	9000	10500	23100

**Notes:**

(1) Ref. Drawing 25474-000-CD-0000-00001 Rev. 0

(2) Ref. Drawing 25474-000-CY-0000-00003 Rev. 0

(3) Ref. Drawings 25474-000-CY-0000-00001 Rev. 0; 25474-ER-0300-00001 Rev. 0

(4) Ref. Drawings 25474-000-CY-0000-00001 Rev. 0; 25474-000-CY-0000-00002 Rev. 0

(5) Straight duct module, 6.2m x 6.2m duct plate

(6) Duct module, 6.2m x 6.2m duct plate, with approximately 45-degree horizontal bend, containing turning vanes

(7) Branch duct module, 3.0m x 6.2m, with 90-degree vertical bend

(8) Quantities based on largest module to be delivered to the site