

GENERAL INFORMATION

Job Name:	Honeybee to Well #36	Quotation Request No.:	
Location:	From:	Purchase Order No.:	
	To:	Line No.:	
Jurisdiction:	☐ CFR 49, Part 192: Gas (ASME B31.8)	Minimum Design Temperature:	°C or -20°F
	☒ CFR 49, Part 195: Liquid (ASME B31.4)	Maximum Design Temperature:	°C or 250°F
	☐ CFR 30, Part 250: Offshore Oil & Gas		
	☐ Other: Specify:		

PIPE DESCRIPTION

The following data are part of the purchase order. Some of the items in PPL-SU-1050 are clarified here or are specified in the Purchaser specification.

Specification:

- ☐ PPL-SU-1050 (welded line pipe)
☒ PPL-DU-5023 (API 5L PSL 2 stock pipe for liquid transportation)
☐ PPL-DU-5236 (API 5L PSL 2 stock pipe for gas transportation)
☐ See attached addendum for project-specific application

SERVICE

Section 4.0: ☒ Yes (General Requirements)	
Section 5.0: ☐ Yes ☒ No Hydrocarbon Gas Transmission, CO ₂ , or Ethylene API 5L Annex G Required CO ₂ or Ethylene: Contact Owner materials & corrosion team for fracture toughness requirements.	Hydrocarbon Gas containing < 97% methane: ☐ Yes ☒ No If yes, note the design factor: Design factor: ☐ 0.625 ☐ 0.72 ☐ 0.80 ☐ Other Hydrocarbon gas containing < 97% methane: ☐ Yes ☐ No
Section 6.0: ☐ Yes ☒ No Sour Service API 5L Annex H Required	MPQT SSC testing required: ☐ Yes ☒ No Production SSC testing required: ☐ Yes ☒ No Supplemental HIC testing: ☐ Yes ☒ No H ₂ S maximum partial pressure: kPa or psi End tolerances per Section 8.0: ☐ Yes ☐ No
Section 7.0: ☐ Yes ☒ No Offshore Service (Note: Section 7.1 is always mandatory for offshore) API 5L Annex J Required ☐ Offshore depth less than 457 m (1500 ft) (Section 7.1) ☐ Water depth greater than 457 m (1500 ft) (Section 7.2) ☐ Fatigue sensitive service (Section 7.3)	Elevated temperature testing required for thermal buckling: ☐ Yes ☒ No (Required if > 66°C [150°F]) If yes, maximum design temperature: °C or °F Water depth: meters feet Method of lay: ☐ S-Lay ☐ J-Lay ☐ Reeling ☐ Tow-In
Section 8.0: ☐ Yes ☒ No Offshore Service Installed by Reeling Note: If yes, Section 7.1 also applies. API 5L Annex N Required	For reeling, % Strain after final heat treat: %
Section 9.0: ☐ Yes ☒ No (Welded CRA Clad Pipe)	Cladding Material: ☐ 625 ☐ 825 ☐ 316L min. PREN
Section 10.0: ☐ Yes ☒ No (Welded CRA Lined Pipe)	Liner Material: ☐ 625 ☐ 825 ☐ 316L min. PREN
Mill Orders: Manufacturing procedure qualification testing (MPQT) required? ☐ Yes ☒ No First day production tests (FDPT) required? ☐ Yes ☒ No Note: If Section 7.2, 7.3, 8.0, 9.0, or 10.0 apply, FDPT and MPQT are required.	

For the process of manufacture, if more than one item is marked, the manufacturer shall bid all marked items.

Grade: ☐ B / L245 ☒ X56 / L390
☐ X42 / L290 ☒ X60 / L415
☐ X46 / L320 ☐ X65 / L450
☐ X52 / L360 ☐ X70 / L485

Process of Manufacture:

☐ ERW
☒ SAWL
☐ SAWH

Process of Cladding or Liner Type:

Minimum thickness of CRA cladding: mm/ in. ☐ Roll Bonding ☐ Explosion Bonding
☐ Weld Overlay (If selected, Section 9.0 of PPL-SU-1051 applies)
Minimum thickness of CRA liner: mm/ in. ☐ Seamless CRA liner ☐ Welded CRA liner

Quantity:

meters or 3,000 feet with	mm or .688 inch wall thickness	and	mm or 24 inch outside diameter
meters or feet with	mm or inch wall thickness	and	mm or inch outside diameter
meters or feet with	mm or inch wall thickness	and	mm or inch outside diameter
meters or feet with	mm or inch wall thickness	and	mm or inch outside diameter

Quantity Tolerance:

+ 0% -0%

Joint Length:

☒ Per specification ☐ Other (see below)
Minimum average joint length: meters or feet
Shortest permissible length: meters or feet
Length tolerance: + - measured in ☐ meters ☐ centimeters ☐ feet ☐ inches

Wall Thickness Tolerance:

☒ Per specification ☐ Other: + - % specified wall thickness

Inner Diameter Tolerance:

☒ Per specification ☐ Other: + mm in. - mm in.

Outer Diameter Tolerance:

☒ Per specification ☐ Other: + - D_{nominal}

Maximum Out-of-Roundness on Pipe Ends:

☒ Per specification ☐ Other: D_{nominal}

CRA Clad or Lined Pipe Outer Diameter Tolerance (Pipe Body):

☐ Per specification (API 5LD Table 10) ☐ Other: + - % specified OD, maximum

CRA Clad or Lined Pipe Inner Diameter Tolerance (Pipe Ends):

☐ Per specification (API 5LD Table 10) ☐ Other: + - % specified ID, maximum

CRA Clad or Lined Pipe Out-of-Roundness:

☐ Per specification (API 5LD Table 10) ☐ Pipe Body: + - % ☐ Pipe Ends: + - %

CRA Cladding or Liner Wall Thickness Tolerance (Positive Tolerance Only, Negative Tolerance shall be maintained):

☐ Per specification (API 5LD Table 10) ☐ Other: + mm or + in.

Hydrostatic Test Pressure:

☒ Per specification
☐ Other (if higher): kPa psi

Hydrostatic Test Duration:

☒ Per specification
☐ Other (if longer than 10 sec.): seconds

Die-stamping or vibro-etching permitted: ☐ Yes ☒ No

End Finish (Bevels):

☒ Per specification: 30°, +5°, -0° ☐ Other: °, + °, - ° ☐ Plain end

Bevel (End) Protection:

☐ Metal band ☐ Closed end cap ☒ Lifiable closed end cap ☐ None

Mill Varnish:

☒ Per specification ☐ Other ☐ None

Shipping:

☐ By mill ☐ By others

Mode of Transportation:

☒ By truck (API RP 5LT mandatory) ☐ By rail (API RP 5L1 mandatory)
☐ By water (API RP 5LW mandatory)

SUBSEQUENT PROCESSING

Girth Weld Testing:Automatic GMAW / GTAW: ☐ Yes ☒ NoGirth Weld Ultrasonic Inspection: Automated: ☐ Manual: ☐

(If yes, residual magnetism shall be < 15 gauss)

Girth Welds: Post weld heat treatment (PWHT): ☐ Yes ☐ NoWeldability testing required: ☐ Yes ☐ No**Hot Induction and Cold Shop Bending:**Pipe will be hot induction or cold shop bent by a third party: ☐ Yes ☒ No

(If yes, fill out and include induction bending data sheet, PPL-DS-4737)

Bending contractor:

Location:

Contact:

No. of bends:

Joints required for bender:

External Coating:Pipe will be coated by a third party: ☒ Yes ☐ NoIf yes, surface condition testing: ☐ Yes ☒ No Test for Surface Condition, PPL-SU-1050, Appendix A

Coating contractor:

Location:

Contact:

Type:

☒ FBE:

mm or 14-16 mils

☐ Other

Specify Type:

Thickness:

ADDITIONAL QUALITY ASSURANCE/QUALITY CONTROL

Additional Third-Party Inspections to be Performed:**Yes****No**☐☐ Mill surveillance☒☐ Stock pipe orders (post mill)**Type of Post Mill Inspection Required:****Notes:**☐ Electromagnetic inspection☐ Weld seam ultrasonic inspection☒ Full body ultrasonic inspection☐ Visual and dimensional☐ Laser end measurement☒ Charpy impact below 0°C (32°F)

Test temperature: -20F

☐ Charpy shear 85% requirement for gas service**Mill Run Surveillance Company:****Stock Pipe Inspection Company:** QTC**Quality assurance required by Owner's quality assurance team:** ☐ Yes ☐ No **Contact:****Stock Pipe Orders:**

For sour service, gas service, horizontal directional drilled, or subsea service, contact Owner's materials & corrosion team for additional guidance.

ADDITIONAL INFORMATION

Delivery Address: Attn: Warren Herrington
 8600 Sjolander Rd
 Baytown, TX 77521

Notes: