

**Houston, TX 77029 and Tuscaloosa, AL 35405**  
**IRH-20-011**  
**Tubing, cyclinders, discs**

Lot 1 (3/4" Tubing & 16" pipe) in Houston, TX		
Item	Qty	
10034156	24,840 LIN FEET	TUBING, 3/4" O.D. X 14 BWG (0.083") MIN WALL, SA-179 SEAMLESS, CUT INTO 920 PIECES 27' 0" LONG (+1/8" -0"). (TOTAL OF 24,840 LIN FEET OF TUBING)
10035421	4 joints	PIPE, 16" IPS SCH 80 (0.844" WALL), SA-333 GR 6 SMLS X 9" LONG. ONE END ONLY SINGLE BEVELED. MATERIAL MUST COMPLY WITH NACE MR-0175 AND SHOWN AS SUCH ON MTR.
Lot 2 (Rolled/welded cylinders) in Houston, TX		
Item	Qty	
10035422	1 ea	ROLLED AND WELDED CYLINDER, 1-1/4" THK SA-516 GR 70 NORMALIZED X 34" INSIDE DIAMETER X 26' 5-1/2" LONG (+/- 1/8"), BOTH ENDS OF CYLINDER TO BE 30 DEG BEVELED FOR OUTSIDE WELDING. FULL RADIOGRAPHY (RT-1 PER UW-11(a)) REQUIRED. CYLINDER SHALL BE SUFFICIENTLY ROUND AND INSIDE WELDS GROUND FLUSH SO THAT A 33-13/16" DIA SHELL PLUG WILL PASS THROUGH WITHOUT BINDING. CYLINDER TO BE IN 3 PIECE CONSTRUCTION WITH COURSE LENGTHS OF 119", 79-1/2", AND 119" (OR OTHER LENGTHS APPROVED BY PURCHASER). LONGITUDINAL SEAMS TO BE ALTERNATELY LOCATED 180 DEG APART. MATERIAL TO COMPLY WITH NACE MR-0175 AND SHOWN AS SUCH ON MTR. MDMT OF UNIT IS -40 DEG F. NO PWHT OR PRODUCTION IMPACTS ARE REQUIRED.
10035423	2 ea	ROLLED AND WELDED CYLINDER, 1-1/4" THK SA-516 GR 70 NORMALIZED X 34" INSIDE DIAMETER X 44-5/16" LONG (+/- 1/8"), BOTH ENDS OF CYLINDER TO BE 30 DEG BEVELED FOR OUTSIDE WELDING. FULL RADIOGRAPHY (RT-1 PER UW-11(a)) REQUIRED. CYLINDER SHALL BE SUFFICIENTLY ROUND AND INSIDE WELDS GROUND FLUSH SO THAT A 33-13/16" DIA SHELL PLUG WILL PASS THROUGH WITHOUT BINDING. CYLINDERS TO BE IN 1 PIECE CONSTRUCTION. MATERIAL TO COMPLY WITH NACE MR-0175 AND SHOWN AS SUCH ON MTR. MDMT OF UNIT IS -40 DEG F. NO PRODUCTION IMPACTS ARE REQUIRED BUT WILL BE PWHT AFTER FABRICATION BY PURCHASER.
10035424	1 ea	PROVIDE AND RUN THROUGH ALL CYLINDERS, A TWO DISC SHELL PLUG (RABBIT) ASSY. GRIND I.D. WELDS SO THAT PLUG WILL PASS THROUGH SHELL WITHOUT BINDING. EACH DISC TO BE 3/8" THK X 33-13/16" O.D. AND SHALL BE SPACED 18" APART. SHIP SHELL PLUG WITH CYLINDERS.
10035420	4 ea	FLANGE, RF LONG WELD NECK, 2" IPS 600# ANSI B16.5, SA-350 LF2 CL1 , 9" LONG. MATERIAL MUST COMPLY WITH NACE MR-0175 AND SHOWN AS SUCH ON MTR.
10035419	4 ea	FLANGE, RF WELD NECK, 16" IPS 600# ANSI B16.5, SA-350 LF2 CL1 , SCH 80 BORE (.844" WALL). MATERIAL MUST COMPLY WITH NACE MR-0175 AND SHOWN AS SUCH ON MTR.
Lot 3 (Rings & Discs) in Tuscaloosa AL		
Item	Qty	
10035418	2 ea	FORGED RING, AS FORGED WITH ALLOWANCE TO FINISH TO 7" THK. X 44-5/8" O.D. X 34" I.D., SA-350 LF2 CL1 - SHECO TO MACHINE TO FINISHED DIMENSIONS SHOWN. MATERIAL TO COMPLY WITH NACE MR-0175 AND SHOWN ON MTR AS SUCH.
10035416	2 ea	FORGED DISC, 3-3/8" THK. X 36-1/2" O.D. SA-350 LF2 CL1 -- MACHINED ALL OVER TO A 250 RMS OR BETTER FINISH -- SHECO TO FINAL MACHINE TO 3-1/4" THK., O.D. IS FINISHED DIAMETER. IMPACT TESTED TO -50 DEG F PER MATERIAL SPECIFICATION. FORGING TO BE SERVICEABLE FOR USE IN ASME SECTION VIII, DIV 1 FABRICATION. MATERIAL TO COMPLY WITH NACE MR-0175 AND SHOWN ON MTR AS SUCH.
10035417	2 ea	FORGED DISC, 5-5/8" THK. X 44-5/8" O.D. SA-350 LF2 CL1 -- MACHINED ALL OVER TO A 250 RMS OR BETTER FINISH -- SHECO TO FINAL MACHINE TO 5-1/2" THK., O.D. IS FINISHED DIAMETER. IMPACT TESTED TO -50 DEG F PER MATERIAL SPECIFICATION. FORGING TO BE SERVICEABLE FOR USE IN ASME SECTION VIII, DIV 1 FABRICATION. MATERIAL TO COMPLY WITH NACE MR-0175 AND SHOWN ON MTR AS SUCH.

**SELLER DOES NOT BIND ITSELF TO AWARD A SALES AGREEMENT TO THE HIGHEST BIDDER. GOODS BEING OFFERED FOR SALE MAY NOT NECESSARILY BE AWARDED FOR SALE AFTER THE SUBSEQUENT ANALYSIS OF BIDS. SELLER RESERVES THE RIGHT TO WITHDRAW ANY ITEM FROM THE LOT ON OFFER.**