



AMENDMENT NO. 2 DATED 01.11.2021
TO
TENDER NO. SDG8439P22/09 FOR PROCUREMENT OF 5 (FIVE) NUMBERS 2000 HP VFD DRILLING RIGS WITH TOP DRIVE & ACCESSORIES

1.0 This addendum is issued to amend the following tender clauses:

Sl. No.	Tender Clause /Page No.	Existing Tender Clause Description	Modified clause Description
TECHNICAL SPECIFICATION & SCOPE OF WORK – MAST & SUBSTRUCTURE			
1	Clause no: 1.8/ Pg: 8 of 261	HYDRAULIC CYLINDER FOR MAST AND SUBSTRUCTURE: The raising of Mast and substructure shall be with Hydraulic Cylinders. Advanced hydraulic cylinders shall be failsafe, multistage, double acting, corrosion resistant, as per the rig design. Additional fail save device to be also provided (Mechanical Stopper).	HYDRAULIC CYLINDER FOR MAST AND SUBSTRUCTURE: The raising/lowering of Mast and substructure shall be with Hydraulic Cylinders. Advanced hydraulic cylinders shall be, multistage, double acting, corrosion resistant, with inbuilt robust fail safe mechanism to immediately stop the raising / lowering process in case of any eventualities and should be capable to hold the load in the appropriate position as per the rig design.

2.0 **APPENDIX – AA – XI - Details (schematic) of the most commonly used BOP stack configurations in OIL's operation (enclosed)** included under Annexure AA - TECHNICAL SPECIFICATION & SCOPE OF WORK:: 2000 HP AC-VFD RIG.

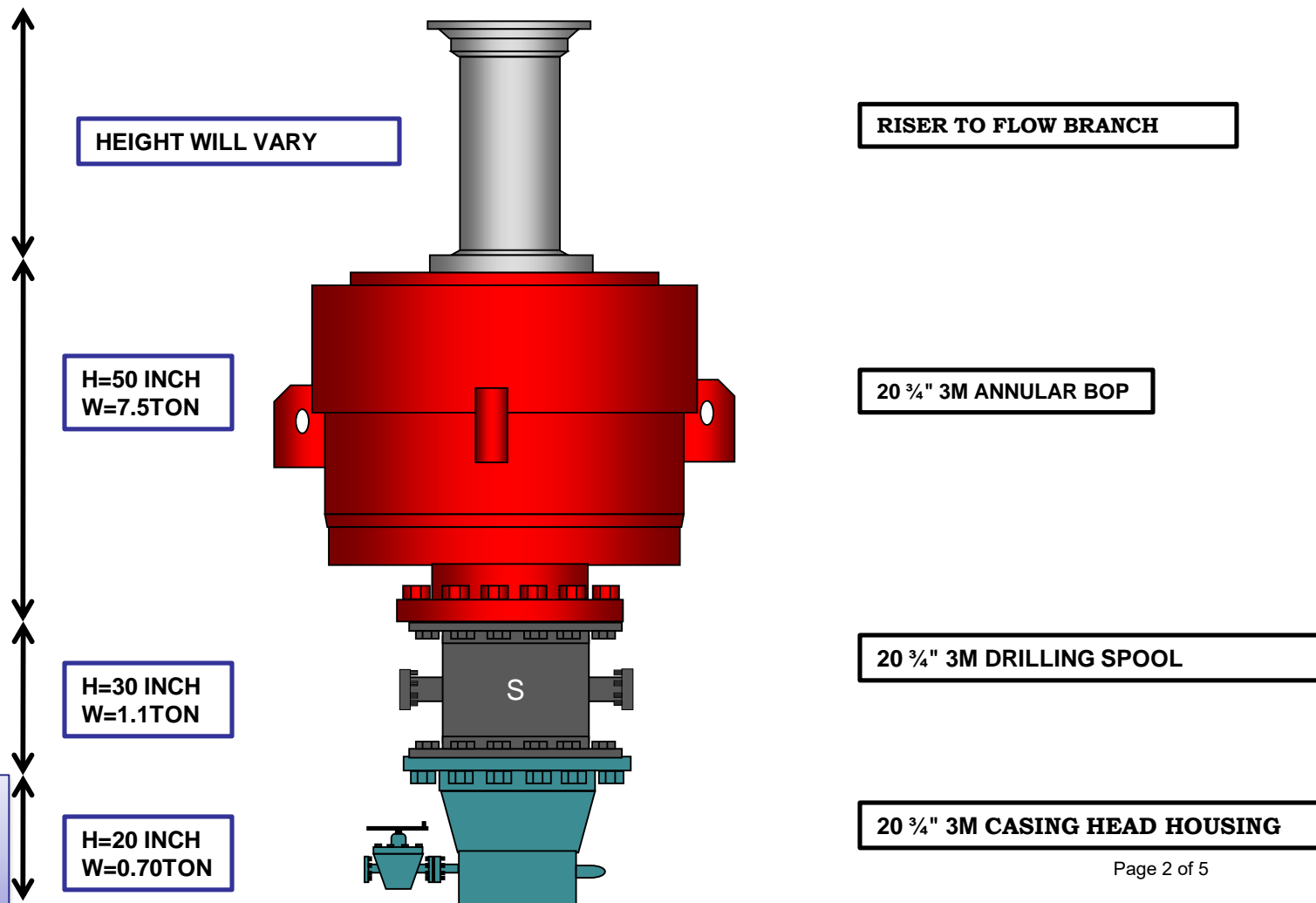
3.0 Other terms and conditions of the tender remain unchanged.

sd/-
(M. B. Singha)
Chief Manager Materials(FP)
For GM Materials (HoD)
For Resident Chief Executive

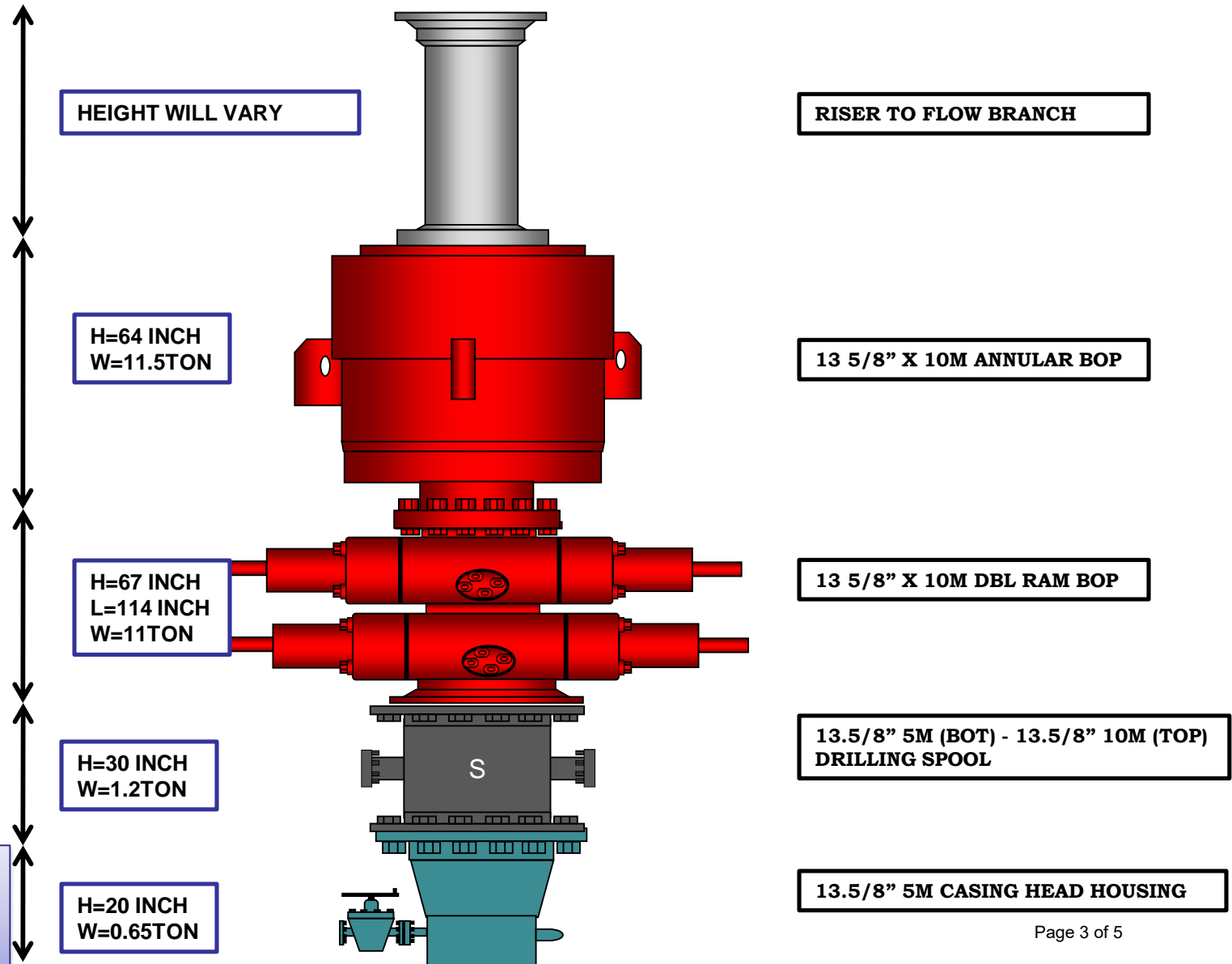
ANNEXURE - AA - XI

Details (schematic) of the most commonly used BOP stack configurations in OIL's operation

Wellhead hook up for Drilling 17 ½" Hole in a 4CP well



Wellhead hook up for Drilling 12 1/4" Hole in a 4CP well



Wellhead
hook up for
Drilling 8 ½"
Hole in a
4CP well

HEIGHT WILL VARY

H=64 INCH
W=11.5TON

H=67 INCH
L=114 INCH
W=11TON

H=42 INCH
L=114 INCH
W=6TON

H=21 INCH
W=0.8TON

H=24 INCH
W=1.1TON

H=20 INCH
W=0.65TON

Note: Height & weight
of the items may vary
slightly depending on
the OEM

RISER TO FLOW BRANCH

13 5/8" X 10M ANNULAR BOP

13 5/8" X 10M DBL RAM BOP

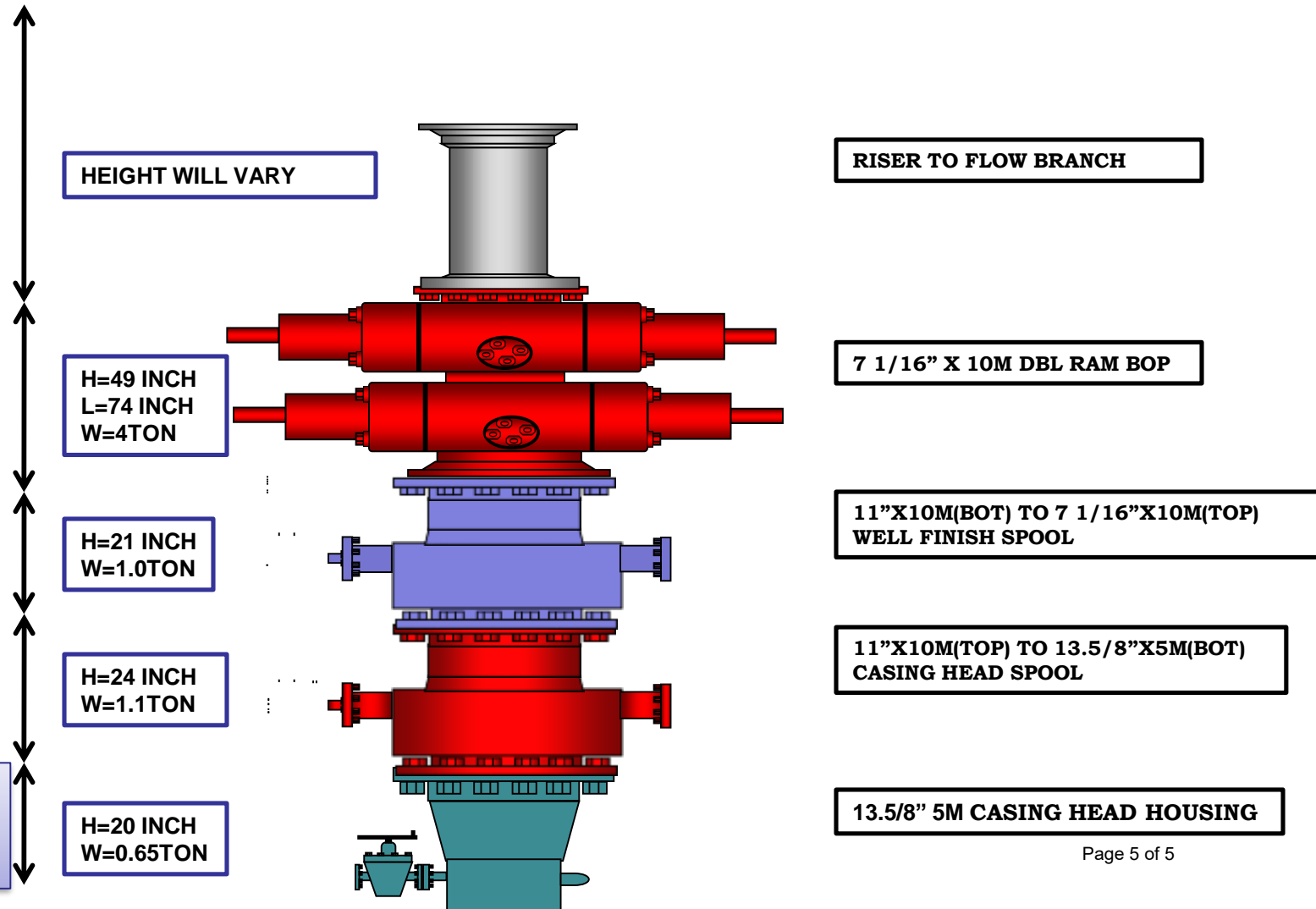
13 5/8" X 10M SGL RAM BOP (OPTIONAL)

13 5/8" 10M (TOP) - 11' 10M (BOTTOM)
CHANGE OVER/ADAPTOR SPOOL

11"X10M(TOP) TO 13.5/8"X5M(BOT)
CASING HEAD SPOOL

13.5/8" 5M CASING HEAD HOUSING

Wellhead hook up for Production testing(2 7/8" tubing tripping)



Note: Height & weight of the items may vary slightly depending on the OEM