

ALTO MAIPO**OWNER'S INSTRUCTION**Section 2.29
PHAM-PLN12-INS-0003

Contract:



AM-CO610/620B



AM-CO630/620A

SI 6332/N° 0107

Scope Segment Description:

Tunnel VLS

Scope Segment ID:

3.9

Location:

VLS 0+398,8

Time for Compliance:

Contractor shall immediately proceed with the Work described below, in accordance with the terms and conditions of the Contract. This instruction is limited to maximum of 1000 UF or USD \$ 50,000., and without impact on the lump sums or schedule (except for Equivalent Times in the BOQ).

Instruction: Make Lugeon test in exploratory hole. First measure ground water pressure. Aim at testing Lugeon value with 5 bar above ground water pressure. If very permeable, make the test with lower pressure. Since exploratory hole had a leakage of 60 l/min, do a pregrouting. Stop pressure 30 bar + water pressure. Stop amount

stage	wcr	max kg cement
1	1,0	300
2	0,8	700
3	0,5	1000

If no pressure build-up after stage 3, thicken the grout until the hole is sealed

Owner estimate of impact is: Per Units in BOQ ☒ ; or cost

; &/or Time

If Contractor believes that this instruction constitutes a Change, Contractor shall promptly provide Notice according to Section 11 of the Contract.

Contractor comments (if any):

Issued by

Björn Stuge

Sign:

Designation

Date:

3/5 2015

Time:

1745

Received by Contractor

Sign:

Designation:

Crew Manager

Date:

05.06.15

Time:

1430