

ALTO MAIPO

## OWNER'S INSTRUCTION

Section 2.29  
PHAM-PLN12-INS-0003Contract: ☐ AM-CO610/620B ☒ AM-CO630/620A

SI 6340 IN° 0129

Scope Segment Description: control holes grouting

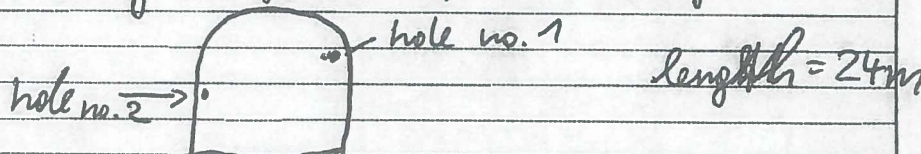
Scope Segment ID: 3.4.1

Location: VL4 0+806

Time for Compliance: immediately

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: Do two control holes ~~at the top~~ where the most amount of cement was used after 2<sup>nd</sup> split-spread grouting. → locations decided directly in tunnel according to grout report Sturkop:



further grouting according to "SAM-6340-TV-SKT-0001" Rev. B but grout the control holes ~~after drilling~~ ~~after split grouting~~ after drilling.

→ no further grouting required but the two holes shall be grouted before advancing (after results of the two exploratory holes)

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

; &amp;/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):

diameter  $\phi$  of the boreholes is missing!  
instruction made by SAM after drilling of hole no 1 with  $Q=0,24\text{t/s}$   
after split grouting (2nd curtain)

Issued by

MATTHIAS BISCHOF

Sign:

Designation

Geologist

Date: 28-08-15

Time: 14:30

Received by Contractor

ANTONIA DEEMAN

Sign: Antonia Deeman

Designation: ENG GEOL.

Date: 29/08/2015

Time: 15:21

White (original): Contractor / Yellow (copy 1): OE/ Pink (copy 2): ITO