

TENDER CLARIFICATIONS FOR DKYOR-177

1. Regarding the Article 3.2.C.2 of the Invitation, all Bidders should provide “Binding Collaboration Agreements” with the Key-sub suppliers, as well as collaboration agreements with all the other sub-suppliers and subcontractors.
2. The design of the belt scales (either with 3 or 4 rollers) should ensure the required accuracy.
3. Three lignite online radiometric analyzers will be installed by the Contractor at the K1, K21, K22 conveyor belts. These will be PGNAA type, as described in section 4.6. of the technical specs.
4. In the paragraph 1.2 of the technical specs, the belt speed 4,2 m/sec, concerns the speed for the yard conveyors K21 and K22. The belt speed for the intermediate conveyor and for the bucket wheel boom conveyor should be according to the manufacturer’s design, and the required capacity.
5. According to the scope of supply, Bidders should offer four (4) belt weighers on belt-conveyors K1, K11, K21, K22 and one (1) volumetric scale on the bucket wheel boom of each Machine.

Specifications for the belt weighers and the volumetric scales, to be offered, are mentioned in par. 3.3.9 and 4.2.12 of the technical specs respectively.

6. The arrangement of the Tripper Car is not collapsible. The hydraulic cylinder between the intermediate conveyor and the tripper car, moves the tripper car horizontally, forward or backwards. The lay out of the discrete components of the Machine (stacker/reclaimer, intermediate conveyor and tripper car), are shown on the indicative relevant drawing of the Machine (par. 8.1 of technical specs). The length of the belt, according to this design, is not necessary to change due to the above mentioned movement of the tripper car.
7. Permissible wind speed for the machine:
 - Max wind speed in operation: 20m/sec at least
 - Max wind speed for travelling : at least 35m/sec at least
 - Max wind speed out of operation : 40m/sec at least

Travelling speed of the Stacker/Reclaimer (adjustable): at least up to 20m/min.

If it is necessary, according to the manufacturer’s design, travelling speed could be designed higher, taking also into account the required reclaiming capacity.

8. The design of the Machine and of its steel structures, should be implemented according to the provisions of ISO 5049 “Mobile Equipment for continuous handling of bulk materials”, at least.
9. Gear boxes cooling will take place without fans (par. 3.3.2 technical specs).
10. The gearboxes will be constructed according to par. 3.3.2. of technical specs. In case of equivalent solutions or technical deviations, the procedure that must be followed is described in par. 1.2.2. and 1.2.3. (article 6) of Tender’s Terms and Conditions.
11. The hydraulic power units will be constructed according to the manufacturer’s design.

12. The noise level of all gear units should be within the maximum permitted noise level set forth in the VDI guideline 2159 for gear units, depending upon the power rating (par. 3.3, 2.1) of technical specs.
13. All gearboxes will be routine tested at their rated power.
14. The diameter for the pulleys of the conveyor belts K21 and K22 are the following:
- Drive (take up) pulley (par. 3.3.8.9) : $\varnothing = 1250\text{mm}$
 - Return pulley (par. 3.3.8.9) : $\varnothing = 1000\text{mm}$
- All other pulleys for the Stacker-Reclaimer, the intermediate conveyor and the tripper car, will be constructed according to the manufacturer's design.
15. A hydraulic system is specified to be used for cabin levelling. For any equivalent solutions or technical deviations, the provisions of par. 1.2.2 and 1.2.3 (article 6) of Tender's Terms and Conditions should be followed.
16. The 200 lt grease barrel is a mobile one, not a part of the machine and it is not included in the scope of supply. A pump (included in the scope of supply) transfers grease from this barrel to a central grease unit which is equipped (among others), with a central pump and a grease vessel (paragraphs 3.3.11 and 3.4.5 of technical specs).
17. A third-party audit for the starker/reclaimers and conveyors is not provided.
18. The wording of the "Participation letter of guarantee", of the "Advance Payment letter of guarantee", and of the "Good Performance letter of guarantee", submitted by the Bidders, should be exactly the one mentioned in the relevant Specimens of the Tender.

PPC S.A.

Date 23.01.2018