

SCOPE FOR REFRACTORY REFURBISHMENT INSIDE THE BERG FURNACE

The purpose of the Tender is to have a Supplier who will break the whole refractory floor/and walls to access the Water cooling Trays which forms part of the bases for the Pins supporting the Walking Beams. It is difficult to secure the pockets for the Pins inside the water trays by means of Welding due to the height caused by the refractory floor made of concrete and bricks.

The Supplier must break the floor to the last level of the steel base of the Furnace and rebuild it back to its original state after the steel pockets for the Pins are properly welded in place by Denel PMP's personnel.

The material required to rebuild the floor and walls for the Walking Beams must form part of this enquiry and MUST be quoted separately for in case PMP might supply some or all material and if not, it will be decided on approval of the quotes, to be supplied by the relevant supplier who has won the TENDER for the project and specifications can be obtained during the site visit.

The structural layout of the floor and walls must be thoroughly taken into account and be noted on a document before and during the braking of the refractory. We have some drawings available and will be shared during the site visit to see if they are properly guiding the Suppliers on this enquiry and if not, the suppliers will be requested to come up with the necessary means of executing the work based on the current structural layout which must be carefully taken into account during the braking of the floor as indicated above.

N.B. The Furnace roof will be opened during the site visit to allow ACCESS to the suppliers to have a full view inside as we are currently utilizing the Furnace in its current form for the sake of Production.