

Add the following additional subitem:

The tendered rate shall cover all costs as specified in Subclauses 8.3.2.3 of SANS 1200 A to provide the facilities as specified in Clause PS-9.

PSA-8.3.2.2 Facilities for Contractor

For this Contract the sub items of sub clause 8.3.2.2 are consolidated into one item and the facilities for the Contractor will not be measured and paid for separately as itemised in sub clause 8.3.2.2. Payment under item PSA-8.3.2.2 shall therefore be deemed to cover sub items (a) to (j).

PSA-8.4 Scheduled time-related items

PSA-8.4.2 Operation and maintenance of Facilities on Site

PSA-8.4.2.1 Facilities for Engineer

Add the following additional sub items:

The tendered rates shall cover all costs as specified in Subclause 8.4.2.3 of SANS 1200 A to operate and maintain these facilities as specified in Clause PS-9.

PSA-8.4.2.2 Facilities for Contractor

Consolidate sub items (a) to (j) of Clause 8.4.2.2 into one item as in PSA-8.3.2.2. Payment under PSA-8.4.2.2 shall be deemed to cover sub items (a) to (j).

PSA 8.8 Temporary Works

PSA 8.8.4 Existing services

Add the following to the payment Clause

“The rates for Item (c) shall cover the cost of excavating by means of hand tools within authorised dimensions, for all precautionary measures to protect the services from damage during excavation and backfilling, and for subsequent backfilling and compacting. Compaction of material in all areas except in roadways shall be to 90% of the modified AASHTO density.

The rate for excavation in roadways shall include compensation for compacting excavated or selected backfill material to 93% of modified AASHTO density. Reinstating layerworks and surfacing shall be measured and paid for under SANS 1200 DB.

The tendered rate shall also include for keeping excavations, safe, for dealing with surface and subsurface water, for removing surplus excavated material from the Site, for transporting all material within the free-haul distance, and for supplying adequate supervision during both excavation and backfilling operations. No Overhaul will be measured and paid”

PSA 8.8.5 Cost of Survey in terms of the Land Survey Act

Modify the unit or measurement to read “Sum” The rates shall cover the cost of all designed survey work to be undertaken by the Contractor and certified by a registered Land Surveyor.

Add the following sub-section to the payment:

“c) Survey of structure Unit: Sum

The rate shall cover the cost of a topographical survey of the existing structures/stockpiles to confirm volumes before and after use”

PSA-8.8.6 Special Water Control in Terms of the Project Specification

Replace this item with the following:

PSA-8.8.6.1 Dealing with the control of the impounded water level Unit: Sum

The sum tendered shall cover all costs related to the control of the water level in the impoundment, maintenance of measures implemented, rehabilitation of any consequential damage and rehabilitation of control measures once excavations are backfilled.

Separate payment will be provided for each dam.

PSA-8.8.6.2 Dealing with Surface runoff in streams, channels, rivers and floodplains Unit: Sum

The sum tendered shall cover all costs related to dealing with surface runoff water on the full area of the site under the control of the Contractor, maintenance of measures implemented, rehabilitation of any consequential damage and rehabilitation of control measures.

PSA-8.8.6.2 Dealing with Sub-surface groundwater flow Unit: Sum

The sum tendered shall cover all costs related to dealing with sub-surface groundwater flow over the full area of the site under the control of the Contractor, maintenance of measures implemented, rehabilitation of any consequential damage and rehabilitation of control measures once excavations are backfilled.

PSA-8.8.6.3 Dealing with Sub-surface water table Unit: Sum

The sum tendered shall cover all costs related to dealing with Sub-surface water encountered due to excavations below the natural water table over the full area of the site under the control of the Contractor, maintenance of measures implemented, rehabilitation of any consequential damage and rehabilitation of control measures once excavations are backfilled.

Payment of the items of PSA-8.8.6.1 will be made as follows:

- 20% when all facilities as proposed by the Contractor and approved by the Engineer have been implemented.
- The remainder to be spread evenly over the remaining extent of the project as a Time Related obligation.

Payment of the items of PSA-8.8.6.2 to PSA-8.8.6.4 will be made as a Time Related obligation over the full duration of the contract.

Add the following Clause:

PSA 8.8.7 “Specific Access Facilities

PSA 8.8.7.1 Establishment of tower cranes Unit: Sum

The sum shall cover all costs related to the design, establishment, erection, foundation support, certification, etc of any and each tower crane unit, as required and as part of the Contractor's method statement for the safe and successful raising construction. The tower crane(s) are required to remain on site for the duration of the construction of the Works and the Contractor shall include in the sum all costs for each crane unit related to the dismantling and removal from site, and the making good of any areas affected by the base of the crane.

Payment shall be made in two instalments; 75% on completion of erection of each tower crane to the approval of the Engineer and 25% following satisfactory dismantling and removal thereof.

PSA 8.8.7.2 Operation and maintenance of tower cranesUnit: Month

The monthly rate shall cover the cost of the operation and maintenance of the tower cranes as required as part of the Contractor's method statement for the safe and successful construction of the raising works.

The Contractor shall specify the number of months for which the tower cranes are required as part of his method statement, such that the full operation and maintenance cost can be totalled into a sum for his tender. Payment shall be made on a monthly basis for the duration that the units are on the site, as submitted in the Contractor's tender.

PSA 8.8.7.3 Establishment of access facilities Unit: Sum

The sum shall cover all costs related to the design, establishment, erection, certification, etc of temporary access facilities as required and as part of the Contractor's method statement for the safe and successful raising construction. The sum shall cover all facilities, including ladders, platforms, walkways, barriers, etc as are required to remain on site for the duration of the construction of the new works and the Contractor shall include in the sum all costs for each crane unit related to the dismantling and removal from site.

Payment shall be made in two instalments; 75% on completion of erection of the bulk of the facilities required and 25% following satisfactory dismantling and removal thereof.

PSA 8.8.7.4 Operation and maintenance of access facilities Unit: Sum

The monthly rate shall cover the cost of the operation and maintenance of the other access facilities as required as part of the Contractor's method statement for the safe and successful construction of the raising works.

Payment shall be made on a monthly basis for the duration that the units are on the site, as submitted in the Contractor's tender.”