

RFP & CONTRACT NO. SFF/2024/123
CONSTRUCTION & COMMISSIONING OF BERTH 104 & LPG PIPELINE FROM THE JETTY IN THE PORT OF SALDANHA TO THE AVEDIA TERMINAL

PART C2: PRICING DATA

C2.1	PRICING INSTRUCTIONS.....	C2-2
C2.1.1	Main Works.....	C2-2
C2.1.2	Marine Works	C2-4
C2.2	BILL OF QUANTITIES	C2-6
C2.3	RATES SCHEDULE.....	C2-98

RFP & CONTRACT NO. SFF/2024/123

CONSTRUCTION & COMMISSIONING OF BERTH 104 & LPG PIPELINE FROM THE JETTY IN THE PORT OF SALDANHA TO THE AVEDIA TERMINAL

C2.1 PRICING INSTRUCTIONS

C2.1.1 Main Works

1. Measurement and payment shall be in accordance with the relevant provisions of the Standard Specifications as listed and/or amended in the Scope of Works.

2. The units of measurement described in the Bill of Quantities are metric units. Abbreviations used in the Bill of Quantities are as follows:

%	=	percent
h	=	hour
ha	=	hectare
kg	=	kilogram
kl	=	kilolitre
km	=	kilometre
km-pass	=	kilometre-pass
kPa	=	kilopascal
kW	=	kilowatt
litre	=	litre
m	=	metre
mm	=	millimetre
m ²	=	square metre
m ² -pass	=	square metre-pass
m ³	=	cubic metre
m ³ -km	=	cubic metre-kilometre
MN	=	meganewton
MN.m	=	meganewton-metre
MPa	=	megapascal
No	=	number
PSum	=	Provisional sum
R/only	=	Rate only
sum	=	lump sum
t	=	ton (1000 kg)
Veh.mth	=	vehicle-month
W/day	=	Work day

3. For the purpose of the Bill of Quantities, the following words shall have the meanings hereby assigned to them:

Unit:	The unit of measurement for each item of work as defined in the Standard Specifications.
Quantity:	The number of units of work for each item.
Rate:	The agreed payment per unit of measurement.
Amount:	The product of the quantity and the agreed rate for an item.
Lump sum:	An agreed amount for an item, the extent of which is described in the Bill of Quantities but the quantity of work of which is not measured in any units.
Provisional sum:	An amount provided for work the scope and/or the necessity of which is undecided and which will be dealt with in accordance with clause 13.4 of the General Conditions of Contract.

RFP & CONTRACT NO. SFF/2024/123

CONSTRUCTION & COMMISSIONING OF BERTH 104 & LPG PIPELINE FROM THE JETTY IN THE PORT OF SALDANHA TO THE AVEDIA TERMINAL

4. Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance is made for waste.
5. It will be assumed that prices included in the Bills of Quantities are based on Acts, Ordinances, Regulations, By-laws, International Standards and National Standards that were published 28 days before the closing date for tenders. (Refer to www.iso.org for information on standards).
6. The prices and rates in the Bill of Quantities are to be fully inclusive prices for the work described under the several items. Such prices and rates cover all costs and expenses that may be required in and for the execution of the work described in accordance with the provisions of the Scope of Work, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the Contract Data, as well as overhead charges and profit. Reasonable prices shall be inserted as these will be used as a basis for assessment of payment for additional work that may have to be carried out.
7. Where the Scope of Work requires detailed drawings and designs or other information to be provided, all costs associated therewith are deemed to have been provided for and included in the unit rates and sum amount tendered against such items.
8. A price or rate shall be entered against each item in the Bill of Quantities. Except where rates only are required, insert all amounts to be included in the total tendered price in the "Amount" column and show the corresponding total tendered price. The Tenderer may not group a number of items together and tender one lump sum for such group of items.

The tendered rates shall be valid irrespective of any change in the quantities during the execution of the works under the contract.

No unauthorized amendment shall be made to the Bill of Quantities or any part of the Pricing Data. If such amendment is made or if the Bill of Quantities is not properly completed, the tender will be rejected.

9. The quantities set out in the Bill of Quantities are approximate and do not necessarily represent the actual amount of work to be done. The quantities of work accepted and certified for payment will be used for determining payments due and not the quantities given in the Bill of Quantities.
10. Reasonable compensation will be received where no pay item appears in the Bill of Quantities in respect of work required in terms of the Contract and which is not covered in any other pay item.
11. The short descriptions of the items of payment given in the Bill of Quantities are only for the purposes of identifying the items. More details regarding the extent of the work entailed under each item appear in the Scope of Work.
12. The stating of quantities of material or amount of work in the Bill of Quantities shall not be regarded as authorization for the Contractor to order material or to execute work. The Contractor shall obtain the Engineer's detailed instructions for all work before ordering any materials for or executing work or making arrangements in this regard.
13. Subject to the conditions stated in paragraph immediately below, the line-item total filled in by the Tenderer in the Bill of Quantities shall be final and binding and may not be adjusted should there be any mistakes in the rates or extensions thereof.

RFP & CONTRACT NO. SFF/2024/123

CONSTRUCTION & COMMISSIONING OF BERTH 104 & LPG PIPELINE FROM THE JETTY IN THE PORT OF SALDANHA TO THE AVEDIA TERMINAL

Should there be any discrepancies between the correctly extended and totalled Bill of Quantities and the Tender Sum, the totalled Bill of Quantities will be regarded as being correct, and the Employer shall have the right to make such adjustments to the Tender Sum as they may deem necessary in order to reconcile the total of the Bill of Quantities with the Tender Sum. In such an event, the Contractor will be consulted but failing agreement between the parties, the decision of the Employer shall be final and binding. Such adjustment of the Tender Sum shall take place only after acceptance of the Tender, but prior to the signing of the Contract. In their own interest, Tenderers should make doubly sure of the correctness of their tendered rates, the extensions and the Tender Sum.

14. A tender may be rejected if the unit rates or lump sums for some of the items in the Bill of Quantities are, in the opinion of the Employer, unreasonable or out of proportion, and the Tenderer fails, within a period of seven days of having been notified in writing by the Employer to justify any specific rates or lump sums (i.e. to provide a financial breakdown of how such rates or sums were obtained) or to adjust the unit rates or lump sums for such items while retaining the Tender Sum unchanged.
15. All rates and sums of money quoted in the bill of quantities shall be in Rands (R) and whole cents (C). Fractions of a cent shall be discarded.
16. The item numbers appearing in the Bill of Quantities refer to the corresponding item numbers in the Standard Specifications. Item numbers prefixed by the letter PS refer to payment items described under the Project Specifications.

C2.1.2 Marine Works

1. The following clauses under Section C2.1.2 shall only apply to the Marine Works portion of the project which involves the extension of Berth 104.
2. The Tender shall be for the complete scope of the Works on an Engineering, Procurement, and Construction (EPC) basis. The pricing is considered to be complete in all respects and not limited based on the breakdown and format provided in Schedule 6 of the Bill of Quantities.
3. Schedule 6 shall be priced as a lump sum broken down into at least the various items listed in the Schedule. Should the Tenderer wish to submit more comprehensive breakdown of the lump sum price, Schedule 6 may be adjusted accordingly.
4. Should the Tenderer consider that there are any items not listed in Schedule 6, then these shall be described and included in the Schedule and be priced accordingly.
5. Schedule 6 may be used for payment and cost control purposes.
6. Schedule 6 contains only brief descriptions to identify the salient items required and the Tenderer is referred to the rest of the tender documents for the full requirements.
7. Schedule 6 shall be considered as a reference for the Employer and the Engineer to evaluate the scope and content of the Marine Works portion of the tender. It shall not be considered as the basis for the development and completeness of the proposed portion of the Works.

RFP & CONTRACT NO. SFF/2024/123

CONSTRUCTION & COMMISSIONING OF BERTH 104 & LPG PIPELINE FROM THE JETTY IN THE PORT OF SALDANHA TO THE AVEDIA TERMINAL

8. The Tender shall in addition to Schedule 6, submit a detailed breakdown of the various items in Schedule 6, including the quantities, rates and prices used to develop Schedule 6 in a typical Bill of Quantities format acceptable to the Engineer. This information will be used for tender adjudication purposes and may be incorporated in the Contract by the Employer for cost control and payment purposes.
9. The prices to be inserted in Schedule 6 are to be the fully inclusive prices to be paid by the Employer for the work described under each item. Such prices shall cover all costs and expenses that may be required in and for the execution of the work described, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied by the tender upon which the Contract is based.
10. A price is to be entered against each item in Schedule 6. An item against which no price is entered will be deemed to be covered by the other prices the Schedule.
11. If any change in the Marine Works Scope of Work is contemplated during the course of the Contract, the Contractor will be required to provide the Engineer with a detailed breakdown (including a schedule of quantities, rates and prices) of the Schedule 6 price involved with a similarly detailed breakdown of the suggested revised price together with supporting quotations and other relevant documentation to satisfy the Engineer that the revised price is built up in a similar manner to the original Schedule 6 price.
12. The payment of the items in Schedule 6 may, at the Engineer's discretion, be based on the detailed schedule of quantities, rates and prices, developed by the Contractor and accepted by the Engineer, showing the makeup of the various items in the Schedule, as well as any other details and back-up information, quotations, etc., as may be required by the Engineer to satisfy himself that the Contractor's Statement is fair and reasonable.
13. Payment shall be made on each completed item or group of completed items only. No part payments will be sanctioned unless agreed to by the Employer and Engineer prior to the commencement of the particular item. A completed item is one which is complete without Defects which would either delay or be covered by immediately following work.

RFP & CONTRACT NO. SFF/2024/123

CONSTRUCTION & COMMISSIONING OF BERTH 104 & LPG PIPELINE FROM THE JETTY IN THE PORT OF SALDANHA TO THE AVEDIA TERMINAL

C2.2 BILL OF QUANTITIES

Tenderers are to complete the full Bill of Quantities attached hereto. The Bill of Quantities comprises the following Schedules:

Schedule 1	Preliminaries and General
Schedule 2	Civil Works
Schedule 3	Mechanical Works – Product
Schedule 4	Mechanical Works – Firefighting
Schedule 5	Electrical Works
Schedule 6	Marine Works

RFP & CONTRACT NO. SFF/2024/123
CONSTRUCTION & COMMISSIONING OF BERTH 104 & LPG PIPELINE FROM THE JETTY IN THE PORT OF SALDANHA TO THE AVEDIA TERMINAL

C2.3 RATES SCHEDULE

Notes to Tenderer:

1. Tenderers are to complete the schedule below which shall be used in evaluating costs arising from variation orders (where existing rates do not apply) or standing time claims.
2. Labour and supervision shall be paid for at the rates listed below which shall include overhead charges and profit, site supervision and staff, insurance, holidays with pay, and the use and maintenance of small tools and non-mechanical plant.

a) Material:

Proof of the cost of materials supplied shall be furnished by means of invoices.

Percentage adjustment on actual cost of materials for overhead charges and profit:

b) Labour:

Tenderer to enter any other labour designation they propose to use for this Contract.

Designation	Rate Per Hour
Supervisor	
HSE Officer	
Skilled labour	
Semi-skilled labour	

c) Plant:

Tenderer to enter the plant they propose to use for this Contract.

Size and Capacity	Rate Per Hour

SIGNED ON BEHALF OF TENDERER:

DATE: