



cooperative
governance

Department:
Cooperative Governance
REPUBLIC OF SOUTH AFRICA

MUNICIPAL INFRASTRUCTURE
SUPPORT AGENT (MISA)



CPD 2 credits (ECSA) / 1.6 credits (SACPCMP)

Getting Acquainted with Estimating, Costing and Pricing of Construction Tenders

The Municipal Infrastructure Support Agent (MISA) in partnership with SAICE Professional Development & Projects (SAICE-PDP) invites you to attend this 2-day course which aims to help you to **more accurately** cost and price tenders.



Attend this course and learn about:

- Measurements
- Estimation of quantities
- Costings
- Pricing of tenders
- Cash flow and cost management
- Various facets of estimation and pricing with practical aspects highlighted

Benefits include:

- Participation in an interactive workshop
- Learn from a recognised expert with cross industry experience
- Comprehensive course documentation
- 2 CPD credits (ECSA)
- 12 CPD Core A hours (SACPCMP)

Presenter:

Theuns Eloff BEng (Civil)

COURSE SCHEDULE

Venue:

Dates:

Time:

REGISTRATION

To register, visit www.saicepdp.org

For more details contact Nompumelelo Nyaba:

Email nompumelelo@saicepdp.org /

Tel: 011 476 4100

WHO SHOULD ATTEND

The course helps municipal attendees to apply their theoretical training in practice.

It is therefore recommended for:

- Technical Planning and Engineering Personnel
- Project Managers and PMU personnel
- Maintenance Managers
- SCM Practitioners
- Finance Department
- Anyone else interested in or involved in estimating, costing and pricing engineering work

COURSE OUTLINE

INTRODUCTION

- Definitions, importance and uses of estimating, costing and pricing
- Competitive bidding in action
- Definitions

CONTEXTUAL FRAMEWORK

- Role-players
- Standards, uniformity, types and forms of contracts
- Pricing and contracting strategies
- Available software

GENERAL PRINCIPLES

- Establishment, P&G, securities, insurances and escalation
- Pricing data and standard units
- Schedule of quantities (SOQ)

MEASUREMENT

- Field investigation
- Units and rules of measurement
- Coding, numbering and the preparation of the SOQ

QUANTITY ESTIMATING

- Types of estimating
- Accuracy of the estimation
- Using the Schedule of Quantities
- Dayworks and common pitfalls

CLIENT COSTING

- Change management
- Accuracy of costing
- Fixed, variable, direct and indirect costs
- Hidden costs and contingencies

TENDERER PRICING

- Site visits and investigation
- Keeping records and collecting information
- Production determination, profits and mark-up
- Time calculation VS client requirement

CONTRACT COMPLETION

- Recording of information
- Cash flow, S-curves and cost management

WHAT TO BRING TO THE COURSE

- Calculator

For online courses, it is recommended to have the following installed on your computer:

- MS Excel
- The Zoom app

ABOUT YOUR FACILITATOR

Theuns Eloff completed his BEng (Civil) degree at UJ (RAU) and started his engineering career as a civil contractor. He was involved in the construction, rehabilitation and resurfacing of roads.

Theuns also has extensive experience in major earthworks, construction of dams, open pit mines and contract management.

| CONTRACTOR or QS Details (owner of BoQ) | | | | | |
|--|--|-------|----------------|--------|-----------|
| Page of BoQ (1 of 1) and section of works (External Walls) | | | | | |
| Item | Description | Quant | Unit | Rate | Total |
| BLOCKWORK | | | | | |
| Dense Aggregate Blockwork | | | | | |
| | 7N/mm² 140mm solid concrete dense aggregate blocks in cement mortar (1:3) As skin of hollow wall in cement mortar (1:3) | 130 | m ² | 57.50 | 7,475 |
| BRICKWORK | | | | | |
| Facing Brickwork | | | | | |
| | Half brick thick pointed as the work proceeds, lain stretcher bond, one side in gauges mortar (1:1:6) | 130 | m ² | 113.45 | 14,748.50 |
| Cavities | | | | | |
| | Form cavity in hollow wall with; Stainless steel vertical twist ties 4 per m ² | 130 | m ² | 3.75 | 487.50 |
| | Close cavity at end, jamb or cill of hollow wall with thermadate 150mm wide; In gauged mortar (1:1:6) | 32 | m | 10 | 320 |
| To collection | | | | | 23,031 |



SAICE-PDP's Municipal Academy was established to support practitioners employed in local government with applying theoretical knowledge and relevant legislation in practice.

municipal
academy
the road to service delivery



MISA's mandate is to provide technical support and advice to municipalities, whilst strengthening their capacity, for effective infrastructure planning, delivery, operations and maintenance.