



جمعية المهندسين البحرينيين - مركز التدريب
Bahrain Society of Engineers - TRAINING CENTRE



Training Workshop

Specifications & Quantity Estimation

QQA Seal of Recognition:



Duration: 5 Days

Date: 22-26 October 2017

Time: 8.00 am -2.00 pm

Venue: Manama, Kingdom of Bahrain

Registration Fee: BD 500

For inquiries & registration:

Tel: +973 17-810725/ 17-727100

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Website: www.mohandis.org





Introduction:

Estimating is the technique of calculating or computing the various quantities and the expected Expenditure to be incurred on a particular work or project. In case the funds available are less than the estimated cost the work is done in part or by reducing it or specifications are altered.

Objectives & Benefits:

- Estimate gives an idea of the cost of the work and hence its feasibility can be determined.
- Estimate gives an idea of time required for the completion of the work.
- Estimate is required to invite the tenders and Quotations and to arrange contract.
- Estimate is also required to control the expenditure during the execution of work.
- Estimate decides whether the proposed plan matches the funds available or not.
- Specifications give the nature and class of the work and materials in general terms, to be used in the various parts of work, from the foundation to the superstructure.
- Specifications are a short description of different parts of work specifying materials, proportions, qualities, etc.

Course Outline:

- **ESTIMATE OF BUILDINGS**
 - Units Of Measurements
 - Rules For Measurement
 - Requirements Of Estimation And Costing
 - Procedure Of Estimating Or Method Of Estimating
 - Data Required Preparing an Estimate
 - Methods Of Taking Out Quantities
- **ESTIMATE OF OTHER STRUCTURES**
 - Estimating of septic tank with soak pit
 - Estimate of bituminous and cement concrete roads
 - Estimate of retaining walls
 - Estimate of culverts
 - Estimating of irrigation works
 - Estimate of aqueduct, syphon, fall
- **SPECIFICATION AND TENDERS**
 - General Or Brief Specification
 - Detailed Specifications
 - Schedule of Rates



Methodology:

- Data show lectures
- Workshop discussions
- Case studies
- Actual examples
- Assessments

Who should attend?

- Engineers
- Technicians
- Secretaries/administrators
- Estimators
- Quantity Surveyors



Course Fee: BD 500

Course Fee inclusions:

- ✓ Course manual
- ✓ Certificate of Attendance
- ✓ Lunch & Refreshments



Course Lecturer:

Dr. Ayman H. Nassar is Professor of Construction Engineering and Project Management. He is PhD. Holder since 2000. professor at German University in Cairo (GUC), Instructor at American University in Cairo, Egypt (AUC), Senior Instructor at Gamal Nassar Education Foundation, Part time professor at BUE. He is more than 15 years site and technical engineer at mega companies. He also works as a consultant for more than ten years for different Mega consultant office.

Training Quality Procedures

Assessment:

All assessments will be conducted during the Workshop. Assessment tasks consist of e.g: Quizzes, Practical discussions, case studies, role plays, onsite Exercises, hands-on.

Certificates:

Certificates will be awarded to the learners who pass in the assessments and completed at least 75% of the attendance report.

Course Language:

English

Progress Reports:

Progress and attendance reports linked to the specifications for the reporting period will be sent to the company of each learner. This report will list learner's progress and achievements with respect to the appropriate section of the syllabus, indicating the progress made towards the training objective.

Specification & Quantity Estimation

REGISTRATION FORM

Name:

Organization:.....Department:

Position..... Email:

Address:

Telephone:.....Mobile:.....Fax:

Course Title	Duration	Date & Venue	Timing	Course Fees
Specification & Quantity Estimation	5 days	22-26 October 2017 Manama, Kingdom of Bahrain	8:00 a.m. to 2:00 pm	BD 500

Note:

- For Individual/ overseas, payment shall be received upon submission of the completed registration form.
- Registration shall be reconfirmed only once payment has been made prior to the course.
- No Show of participant/s during the course will be charged in full amount accordingly.
- Cancellation of participant/s shall be submitted in writing to BSE ten days (10 days) before the course.
- Free seat for BSE active member (conditions applies).

Method of payment:

- I will pay by Cash
- Invoice the Organization (Please attach the authorization/nomination letter)
- I enclose a Banker's Draft payable to Bahrain Society of Engineers-Training Centre
- Bank BIC: NBOBBHBM / IBAN: BH18 NBOB 0000 0099 0989 11
- National Bank of Bahrain-Manama Main Branch
- Please Debit to Amex: _____ Visa: _____ Master Card: _____

Card Number:..... Expiry Date:.....

Card Holder's name and address (if different from above)
.....

Signature.....

Date:.....

Please send this completed form to:

BSE-Training Centre
P. O. Box 835, Manama, Bahrain
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Email: bsetraining@batelco.com.bh