



# HIGHER EDUCATION SCIENCE AND TECHNOLOGY

## Internship Logbook



Student Name: **Onyuta Derick**

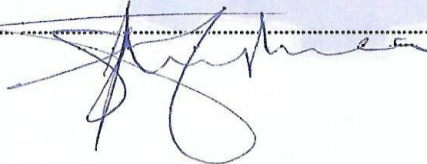
Month: **July**

Target	Achievements	Challenges	Lessons Learnt
<b>Week One</b>	<ul style="list-style-type: none"> <li>The quantities were measured according to standards.</li> <li>All items were taken off.</li> </ul>	<ul style="list-style-type: none"> <li>Some dimension were missing.</li> <li>Limited time was allocated.</li> <li>The quantities were many.</li> </ul>	<ul style="list-style-type: none"> <li>Some dimensions should be scaled of.</li> <li>The quantities should be taken according to the standards.</li> </ul>
Taking off	<ul style="list-style-type: none"> <li>Similar quantities were grouped together.</li> <li>All items were abstracted.</li> </ul>	<ul style="list-style-type: none"> <li>It was time consuming to collect similar items together.</li> <li>Wrong multiplication</li> </ul>	<ul style="list-style-type: none"> <li>Similar quantities have to be grouped together.</li> <li>The work should be done without</li> </ul>
Abstracting	<ul style="list-style-type: none"> <li>Elements of an unpriced BOQ were understood.</li> <li>The document was prepared.</li> </ul>	<ul style="list-style-type: none"> <li>Some items were not correctly abstracted some needs to crosschecking.</li> <li>Many paper work.</li> </ul>	<ul style="list-style-type: none"> <li>The document have to be correctly prepared.</li> <li>All items should be entered.</li> </ul>
Preparing unpriced Bills Of Quantities	<ul style="list-style-type: none"> <li>The document was prepared well.</li> <li>The items were understood very</li> </ul>	<ul style="list-style-type: none"> <li>Market prices were not uniform</li> <li>It was hard coming up with unit rates for pricing.</li> </ul>	<ul style="list-style-type: none"> <li>Market prices have to be known</li> <li>Prices vary from place to place.</li> <li>Contingency sum should be considered.</li> </ul>
Preparing priced Bills Of Quantities	<ul style="list-style-type: none"> <li>The boundary of the site was marked.</li> <li>Site condition was understood.</li> </ul>	<ul style="list-style-type: none"> <li>The ground wasn't uniform so a tape wasn't the best tool.</li> <li>Limited skilled manpower.</li> </ul>	<ul style="list-style-type: none"> <li>Trials pit should be sampled.</li> <li>Existing structures in the site have to be located.</li> </ul>
<b>Week Two</b>	<ul style="list-style-type: none"> <li>All data were understood although without ease.</li> <li>Team work was employed.</li> </ul>	<ul style="list-style-type: none"> <li>Some recordings were not to standards.</li> <li>Some structure were missed out.</li> <li>Some data were misplaced.</li> </ul>	<ul style="list-style-type: none"> <li>Survey data have to be entered according to the standards.</li> <li>Data should be stored very well.</li> </ul>
Site survey	<ul style="list-style-type: none"> <li>The site was well organized with materials close to place of work.</li> <li>All elements were planned.</li> </ul>	<ul style="list-style-type: none"> <li>Materials were not secured due to lack of security.</li> <li>The some elements were require large</li> </ul>	<ul style="list-style-type: none"> <li>Materials have to be well kept.</li> <li>Cements have to be stored in a dry place and first in first out have to be used.</li> </ul>
Data analysis of the collected data			
Preparation of the site layout			

Hoarding of the site	<ul style="list-style-type: none"> <li>• The site was well hoarded.</li> <li>• Materials for the hoarding was brought early enough.</li> </ul>	<ul style="list-style-type: none"> <li>• Decisions have to be made with care.</li> <li>• It requires a number of materials for the execution.</li> </ul>	<ul style="list-style-type: none"> <li>• Care should be made for the entrance point.</li> <li>• Passer-by should be considered.</li> </ul>
Week three Market survey of prices	<ul style="list-style-type: none"> <li>• Varying prices were obtained for the different materials.</li> <li>• Final prices were obtained.</li> </ul>	<ul style="list-style-type: none"> <li>• Walking long distances.</li> <li>• Difficulty in making decision basing on prices and distances.</li> </ul>	<ul style="list-style-type: none"> <li>• Decision have to be made basing on distances and the price of the item.</li> <li>• The items have to be listed before.</li> </ul>
Securing Labour	<ul style="list-style-type: none"> <li>• The required labour were obtained.</li> <li>• Their residence were in place.</li> </ul>	<ul style="list-style-type: none"> <li>• Limited skilled labour.</li> <li>• Some labour demands high pay compared to the ones prepared.</li> </ul>	<ul style="list-style-type: none"> <li>• The right labour have to be got for the right work.</li> <li>• Labour training have to be encouraged.</li> </ul>
Buying materials	<ul style="list-style-type: none"> <li>• The materials were bought according to the specification.</li> <li>• Their storage were organized.</li> </ul>	<ul style="list-style-type: none"> <li>• Market prices varies.</li> <li>• Some materials like cement require proper maintenance.</li> </ul>	<ul style="list-style-type: none"> <li>• Materials should be properly stored.</li> <li>• Materials should be bought in bits to avoid wastage.</li> </ul>
Building site stores and offices	<ul style="list-style-type: none"> <li>• All materials were allocated separate rooms.</li> <li>• The store was secured.</li> </ul>	<ul style="list-style-type: none"> <li>• Limited materials for constructed.</li> <li>• Wastage was required for the work.</li> <li>• Positioning it was a difficult decision.</li> </ul>	<ul style="list-style-type: none"> <li>• The store have to be easily accessible.</li> <li>• Store should be constructed for most of the materials.</li> </ul>
Week four Setting out	<ul style="list-style-type: none"> <li>• I managed to define the right building outline on the ground.</li> <li>• I did it on time.</li> </ul>	<ul style="list-style-type: none"> <li>• Limited time for a review.</li> <li>• Limited man power for the work</li> <li>• The ground was sloppy</li> </ul>	<ul style="list-style-type: none"> <li>• The building diagonal has to be checked before other activities.</li> <li>• Time management is key.</li> </ul>
Trench excavation	<ul style="list-style-type: none"> <li>• The foundation was excavated as in the plan</li> <li>• The trench bottom was levelled.</li> </ul>	<ul style="list-style-type: none"> <li>• The ground was rocky so the work was difficult</li> <li>• Rain also disrupted work</li> </ul>	<ul style="list-style-type: none"> <li>• The right tool has to be employed for the work.</li> <li>• Team work is key for work</li> </ul>
Laying concrete strip	<ul style="list-style-type: none"> <li>• The right concrete strength was achieved.</li> <li>• The work was done on time.</li> </ul>	<ul style="list-style-type: none"> <li>• Material were limited.</li> <li>• Lack of mechanical plants like concrete mixer.</li> </ul>	<ul style="list-style-type: none"> <li>• Batching should be done with a gauge box</li> <li>• Labor has to monitored to achieve a</li> </ul>
Building plinth wall	<ul style="list-style-type: none"> <li>• The structural plinth wall was constructed within the designated time.</li> </ul>	<ul style="list-style-type: none"> <li>• Some profile boards were displaced.</li> <li>• Some workers were not cooperative during the work.</li> </ul>	<ul style="list-style-type: none"> <li>• Profile boards should not be removed before setting the plinth wall.</li> <li>• Materials have to be close.</li> </ul>

Supervisors Comment: *Good observation during the work process.*

Signature: .....



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