

TORs for the position of

Sector Specialist – Quantity Engineer

Position	Quantity Engineer
PPS	10
No. of Posts	01
Qualifications	• Qualification / Education: BE(Civil Engineering) having 16 years of field experience. • Master (Civil Engineering) and related fields having 14 years of field experience.
Experience	10 to 15 years of relevant experience in project appraisal, reviewing PC-I, quantity surveying, cost variations, cost estimation, contract administration, implementation support, monitoring, evaluation, and technical review of public sector development projects, and should be willing to undertake any other assignments, assigned by the Ministry from time to time.
Duration	Initial appointment on contract for two years, extendable subject to satisfactory performance.
Salary	Standard pay package equivalent to PPS-10.
Duties and Responsibilities / TORs	• Advise the Ministry on the appraisal, implementation, monitoring, and evaluation of public sector infrastructure projects from a quantity surveying and cost management perspective, ensuring technical feasibility, cost-effectiveness, costing methodologies, and efficient utilization of project resources. • Review PC-I, revised PC-I, prepare detailed cost estimates, Bills of Quantities (BoQs), engineer's estimates, and tender documents to verify the accuracy of quantities, unit rates, cost assumptions, and overall project budgets. Should independently prepare/verify the BOQ's from drawings/submitted design. • Appraise and monitor the physical and financial progress of infrastructure projects through quantity verification, site inspections, milestone assessments, cost variance analysis, and review of interim payment certificates to ensure compliance with approved scope, schedule, and budget. • Provide technical support to CDWP, ECNEC, DDWP, and other appraisal forums by reviewing project cost estimates, BoQs, tender documents, procurement packages, and implementation plans, and by recommending measures to improve project viability and cost efficiency. • Verify the measurement and estimation of construction materials, labour, plant, equipment, and associated costs in accordance with recognized standards, ensuring the accuracy of project estimates, tender documents, contract quantities, and conducting regular market surveys for material and labor rates analysis. • Review tender evaluation reports, engineer's estimates, bid analyses, and contract award recommendations to assess the reasonableness of quoted rates, responsiveness of bids, and compliance with PPRA Rules, PEC guidelines, FIDIC conditions, and other applicable procurement frameworks. Should also be well conversant with the GOP e-Pak Acquisition and Disposal System (EPADS) system. • Monitor construction projects for compliance with approved designs,

specifications, contractual provisions, quality standards, and quantity measurements, and advise on variations, cost escalations, claims, final accounts, and contract administration matters.

- Identify cost overruns, quantity variations, implementation bottlenecks, and construction-related risks during project execution, and recommend practical engineering and quantity surveying solutions to improve project performance and minimize delays.
- Recommend value engineering, lifecycle costing, cost optimization measures, and alternative construction materials or methodologies to enhance project efficiency without compromising safety, quality, functionality, or project objectives.