



United Nation Development Program

**UXOs and Solid Waste Management
PAL 10-71646**

Lot # 2

***Removal of Solid Waste from Random sites in North
Governorate***

Bill of Quantity (BOQ)



PREAMBLE TO BILL OF QUANTITY (BOQ)

1. GENERAL

The nature of this contract is measured unit price contract and the Bill of Quantity (BOQ) shall reflect this fact.

BOQ shall be read and construed in conjunction with other Contract Documents.

General directions and description of work and material given in the Technical Specification are not necessarily repeated in the Bill of Quantities. The Technical Specification forms an integral part of the Bill of Quantities.

The Tenderer is obliged to check the number of the pages of the Bill of Quantity and should any be found missing or duplicated or the figures or writing indistinct, the Tenderer must notify the Employer/Engineer at once and have the matter rectified before the Tender is submitted. No liability whatsoever will be accepted in respect of any claim for errors in the Tenderer's offer resulting from failure to comply with the fore-going.

The Tenderer is deemed to have visited the site/s and fully acquainted himself as to the location of each of the items and works to be carried out and to all conditions which may affect the performance of the works, including but not limited to:

- ◆ Access to each of the roads where solid waste transfer process will be carried out, and Access for the dump site.
- ◆ Restrictions applicable to working in GAZA Strip area.
- ◆ All safety regulations and employer site safety procedures.
- ◆ All Palestinian regulations.

The Tenderer is also deemed to have surveyed the actual condition of the site and buildings and made his own assessment of the type and extent of the works prior to submitting his offer.

2. QUANTITIES

Even though that practical care was exercised in preparing the BOQ, but all quantities given herein shall be deemed to be estimated quantities of the work to be done but they are not to be taken as actual and correct quantities of the work to be executed and they are not to absolve the contractor of his obligations under the Contract. They are not to be taken as guarantee that the actual quantities increase or decrease, and any claim whatsoever submitted



for cost or extra expenses incurred from such increase or decrease will not be accepted by Employer/Engineer except where else stipulated in the Contract.

3. PRICES

The Unit Prices entered against the various items in the following Bill of Quantities include all operations for execution, completion and maintenance of the various items of the works finished completely in every respect till the final acceptance as specified or described in the Tender Documents, with or without modifications, either by way of additions or deductions, or alterations as may be offered in writing during the progress of the works, and include, without being limited to, all matters and things particularly referred to in the Tender Documents.

The Unit Price shall cover all costs of every kind whatsoever including, without being limited to, all charges for additional site installations, relocation, supervision, labor, transportation and supply of materials; the provision, maintenance, use and efficient repair of all plant, equipment and appliance of every kind, the construction and maintenance of all temporary works, the performance of all services and the fulfillment of all obligations and responsibilities herein defined.

The Tenderer shall be deemed to have fully considered all the conditions, obligations, and requirements of the Tender Documents before entering the respective unit price against the various items of the Bill of Quantities.

The Unit Prices given hereunder the BOQ shall also include erection, installation, fixing, and re-fixing of all elements. These prices shall also include taxes, visa for labor, gate passes, accommodations for the Contractor's staff and labors, all required insurance and work permits, guarantees, bonds, traffic plan requirements, safety procedures, etc. and all requirements necessary to have the work maintained until its final handing over.

The Unit Prices given hereunder in the Bill of Quantity for this work shall also include overheads, risks, profit etc. and all other financial matters to have all these civil works completed.

The works, materials or activities listed in the following shall always be considered as supportive works to be included in the Unit Prices bid for any item in the Bill of Quantities:

- ◆ Any measurement for execution and payment of the works, including the provision of measuring instruments, gauges, setting out marks, marking paint and



relevant tools, labor, etc., the maintenance and preservation of gauges and setting-out marks during the execution of the works.

- ◆ Provision of small tackle tools or any other equipment required for the execution of the works.
- ◆ Supply of consumable materials for the Contractor's equipment.
- ◆ Removal of all contamination (refuse, debris, building rubbish and the like) arising from or in connection with the Contractor's work.
- ◆ Protection of the executed works and of the items made available for execution of the works from damage, fire, inclement weather, vandalism and theft etc., to the time of final acceptance.
- ◆ Transportation of all materials and structural components from the storage places on site to the points of use and return transportation, if required.
- ◆ Submitting and transporting any samples required.
- ◆ Carrying out tests on materials and works, etc., that is required by the Engineer.
- ◆ Fuel and lubricants for operation of Contractor's equipment.
- ◆ All safety precautions and measures for safeguarding labor as well as securing surrounding areas.
- ◆ Lighting of the work site.
- ◆ Maintenance or repair damaged infrastructure resulted by contractor's activities

4. RIGHTS OF EMPLOYER

The following rights are reserved to the Employer:

- ◆ To omit individual items mentioned in the Schedule of Prices if not required in the opinion of the Employer and/or to replace them should it be more advantageous to execute them in another way.
- ◆ To order execution of alternative or provisional items as if they were main items.
- ◆ To order execution of additional works as well as alternatives of works, always in conformity with the conditions outlined in the Contract.

Any order and/or delivery of material or equipment by the Contractor for performance of the works may only be based on instructions and/or approved execution drawings by the Employer/Engineer.

All equipment and materials for installation and finishing works to be incorporated in this contract shall prior to ordering and/or delivery by the Contractor, be approved by the Employer/Engineer both in respect of quality and type as well as of quantity.

5. SITE ACCESS AND STORAGE

The Tenderer shall visit all sites and ascertain the location of required access onto these sites and the location of allowance for complying with the requirements and for the reinstatement



to original condition of all roads and areas used or disturbed by the Contractor to the satisfaction of the Engineer.

6. SITE INSTALLATION

All costs of labor, works, provisions, fuel, materials and equipment for Site Installations required by the Contractor and stipulated in the Tender Documents shall be included in the various unit prices of the Bill of Quantity. No extra payment will be allowed by the Employer for any of these activities.



Bill of Quantity (BOQ)

Item No.	Description	Unit	Qty.	Unit Price (US\$)	Total (US\$)
	<p>Notes:</p> <p><i>Unit price should include the following:</i></p> <ul style="list-style-type: none"> <i>The unit price includes covering of trucks with sealed cover.</i> <i>The contractor has to submit the weight receipt of each truck from the dump area</i> <i>Any fees or costs at the dump site are included in the unit price</i> <i>The contractor should secure at least two loaders daily at random sites excluding loader in the dump site at Johr El DIK</i> <i>At least 450 tons of solid waste should be transferred daily</i> <i>Trucks for transfer solid waste should be Roll of/on.</i> <i>All safety measures needed for site and labors. Safety plan has to be provide before start activities.</i> 				



Item No.	Description	Unit	Qty.	Unit Price (US\$)	Total (US\$)
1	Collect the solid waste, hauling, removal and transfer the municipal solid waste from temporary sites in Northern Governorates (Beit Lahia, Om Al Naser, Beit Hanoun and Al Karama Road) to the main dump site in Johr El Dik Area. The truck load will have to be weighed in the municipal landfill site in order to be legible for payment. The unit rate including the cost of machine, necessary labor, safety measures, equipment and materials to cover haulage and transportation. All work according to supervisor instruction.	Tone	30,000		
2	<u>Provisional Item:</u> Rental of Wheel loader to serve activities within Johr Al Dik dump landfill. Activities include pushing, stockpiling and consolidating the municipal solid waste, laying sand or soft waste landfill to cover the solid waste, pave the truck way in the landfill and preparation area for stockpiling. The rent includes driver, fuel, oil and any other maintenance work needed. All work according to supervisor instruction. The item also includes preparation of ramps and access roads for stockpiling and to streamline the traffic flow of the trucks.	Working hour	100		



Summary

Item	Description	Total (US\$)
1.	Total of Item # 1	
2.	Total of Item #2	
	Grand Total (US\$) – Not including Value Added Tax (VAT)	

Grand Total (in letters):-----

Contractor's Name:-----

Signature and Stamp:-----

Date:-----