



# **SPECIFICATIONS**

**Waterproof Works on roofs**

**United Nations Building N° 3**

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# Introduction

The UNDP Moldova CO, and two United Nations agencies, housed in the UN buildings, are in need of repairs to roofs of buildings 1, 2 and 3 to overcome the various problems of infiltration of rainwater.

It was established that the sum of the defects is the cause of many infiltrations of rainwater into the offices of the top floor of Building 3.

Work will be performed by qualified workers in all technical areas as specified hereunder.

The materials used must be of high quality. The implementation will be in the rules of art.

# Regulatory Background

The entrepreneur must have appreciated the nature and conditions of the premises, site access and consistency of works before responding to the tender specifications.

The contractor will comply with established rules and practices within the occupational structure of the building 1, 2 and 3, in particular any provisions established by the Resident Representative and/or his/her Deputy.

Both the contractor and UN representatives will be attentive to communicate in due time the useful occupation for a better coordination and indicate any identification of problems.

Companies must take into consideration all necessary regulatory compliances of the works, in particular any requirement which may be imposed by the present specifications and by regulations of the UN representatives on site.

The company, referring to their qualifications, should be able to adapt its services to any administrative or technical constraint.

# Quotations

The studies and articles are handled for a fixed price and include the entire work, supply and constraints necessary for a complete and perfect completion, of a perfect performance, excellent finishing and perfect operational quality.

The drawings should be verified and completed by the company which will undertake the achievement of all the works as mentioned in his package price. If the contractor, during the implementation of his quotation, finds an error or omission, it will have the option to change this amount and quantities. The total price obtained by multiplying the quantity and unit price offered will be taken into consideration only for the establishment of that specific part of the entirety of work.

No amount of works or price estimation can be revised during the works in progress.

Only changes to the project duly validated by the contractor and the head of works may lead to a revision of the amounts on which will be applied the unit prices of the market.

Any change of the original market will be a clear agreement in terms of benefits and costs before any action. On the contrary, only the core market will be implemented.

# Subject

## **1. Imitation tile panels**

Replacement of certain sheets in imitation tile, and checking of the under roof, ridge battens, the plaster fillings, the couvertines and the valleys.

## **1. Stocks of chimneys**

Sealing of the stocks of chimneys, of its abergements and its band of plaster filling.

## **2. Gutters, banks and plaster filling**

Checking of the gutters, banks and the plaster fillings in general.

# Brief description of work

**Work consists of:**

## **1.Metal imitation tile panels**

**Work must be carried out in a professional way, taking into account all the security measures which are necessary to work on roof.**

*Work consists in withdrawing the old metal panels of the roof. To replace certain defective panels by new ones of the same drawing, color and quality.*

*Work consists in withdrawing the old metal roof panels. To replace defective panels by new ones of the same drawing, color and quality.*

*Work consists in checking the under roof, as well as the ridge battens. If necessary, their correction should be carried out.*

- A.** To withdraw the old covers of the roof and proceed to the evacuation of the defective panels.
- B.** Checking of the under roof, as well as the ridge battens, and, if necessary, carry out their correction.

- C. To carry out the checking of the plaster fillings, the gutters and the valleys. Carry out correction works where necessary.
- D. To replace the old plates, as well as the new ones with great care by taking account of the good overlapping of the panels between them in order to avoid any infiltration of rainwater, of powder or melting snow.
- E. To check the good insulation of the couvertines on the roof, as well as the good insulation against rainwater infiltrations, of powder or melting snow into the valleys. Work will have to be carried out in a professional way.

Photos: **1,2,3,4,5 and 6**

### **In general**

All work and materials required for the perfect completion, whether or not mentioned in the description are of the responsibility of the successful bidder, they should be included in the overall financial offer.

All works necessary for the full completion, as well as the manufacture, assembly, transportation at work, lifting equipment (scaffoldings, winches, cradles), handling, the proper storage on site, as well as the temporary protection needed for the execution of the works will be taken into consideration and shall be at the burden of the company.

The company will be responsible, if needed, for all necessary approvals from competent authorities for any installation of scaffoldings, winches, cradles, trucks and so on.



## **2. Stocks of chimneys**

**Work must be carried out in a professional way by taking into account all the security measures necessary to work on roof.**

*Work consists in withdrawing the old zinc plates and to remake their sealings, with an aim of avoiding any possibility of rainwater infiltration, of powder or melting snow, even in strong wind conditions.*

- A.** Preparation of the building site by taking account of the security measures necessary for these types of work on roof.
- B.** Disassembling of all the elements non in conformity with a good sealing of the chimney.
- C.** To remake connections of sealing to the periphery of the stock of the chimney, as well as their junction with the tiles of the roof.  
Implementation of a seal coverage in zinc sheets on the circumference of the stock (abergement) with a crowning partly going up (plaster filling).
- D.** To remake the abergement of the chimney with a junction that is welded between the parts of abergement and plaster filling in a professional way

Photos: **7 and 8**

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The company will be responsible, if needed, for all necessary approvals from competent authorities for any installation of scaffoldings, winches, cradles, trucks and so on.

### **3.Gutters, banks and plaster filling**

**Work must be carried out in a professional way by taking into account all the security measures necessary to work on roof.**

*Work consists in checking the gutters, banks and the plaster fillings of the roof.*

- A.** Preparation of the building site by taking account of the security measures necessary for this type of work on roof.
- B.** Checking of the gutters, of banks and the plaster fillings in general, and to carry out their correction if necessary.

**Photos: 9, 10 and 11**

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