## Terms of Reference (ToR)

**Specialist in 3D images and videos production**  
**October, 2019**

<table>
<thead>
<tr>
<th>Name of the tool</th>
<th>Terms of Reference for the production of 3D images and videos</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>When to implement it</strong></td>
<td>November-December, 2019 (one and half month)</td>
</tr>
<tr>
<td><strong>To be completed With</strong></td>
<td>Gaza Strip Field Coordinator (GSFC) and Mr. René Elter – archeologist in charge of Saint Hilarion Monastery from EBAF.</td>
</tr>
<tr>
<td><strong>Who to transmit it to</strong></td>
<td>HQ</td>
</tr>
<tr>
<td><strong>When to send it</strong></td>
<td>ASAP</td>
</tr>
<tr>
<td><strong>Value to the association</strong></td>
<td>Protection, preservation and promotion of Gaza Strip Historical archaeological sites project.</td>
</tr>
</tbody>
</table>

**Country / Region**  
Occupied Palestinian Territory / Middle East

**Start date**  
Starts on November 1, 2019

**Source of funding**  
British Council - Cultural Protection Fund

**Author(s)**  
PUI mission
1. INTRODUCTION

1.1. CONTEXT

Première Urgence Internationale (PUI) is a humanitarian organization working in the Occupied Palestinian Territory (oPt) since 2002 and specialized in Protection through livelihood assistance and economic empowerment as well as international advocacy related to its protection activities. The French Biblical School of Jerusalem (EBAF) is a worldwide famous research institute specialized in archaeology and is in charge of the two selected sites in close collaboration with the Ministry of Tourism and Antiquities (MoTA).

This project aims at combining the strength of both institutions to achieve remarkable protection and promotion of Palestinian cultural heritage while providing humanitarian assistance to vulnerable population (i.e. some of the manual activities will be implemented by PUI’s beneficiaries). PUI has an extended experience in relation to shelter sector through the rehabilitation of minor damaged houses and upgrading substandard housing units.

The work carried under this program will feed into PUI’s advocacy strategy, adding cultural heritage to other advocacy topics already addressed such as IHL, access to humanitarian assistance, etc.

The EBAF has good collaboration with archeologist professor Ayman Hassounah, for his long experience in training students from History, Archaeology, and Architecture departments in the Islamic and Palestine universities. The EBAF has already collaborated with the above mentioned universities. It also has good collaboration with staff members working in the Ministry of Tourism and Antiquities in Gaza Strip.

PUI will play the link between all project key stakeholders and take in charge the overall management aspect to efficiently implement the planned activities.

1.2. PUI OPT HISTORY

PUI is a French humanitarian organization working in the Occupied Palestinian territories since 2002 in West Bank and in Gaza since 2009. PUI focuses its activities in the communities located in the south east of the Gaza Strip, where it implements programs supporting farmers to enable them to restart their farming activities, after being affected by wars/conflicts and or natural disasters. PUI also supports women groups to start small businesses, support ARA’s residents through cash-based interventions and communities through WASH activities. Moreover, PUI assists IDPs through shelter projects funded by the UN Humanitarian Pooled Fund (HPF). After the last war, PUI supported thousands of IDPs through the distribution of Non-food items (NFIs), food parcels and potable water.

1.3. OVERALL OBJECTIVE

Valorization of Saint Hilarion Monastery for the promotion of Palestinian Cultural heritage and awareness raising

1.4. MAP OF THE ZONE

In close consultation with the Ministry of Tourism and Antiquities, the EBAF Responsible of Archaeology and Gazan archaeologists, PUI decided to target two main archaeological sites in Gaza Strip, which can offer to local community a place to learn, visit, and know the importance of Gaza history through time. The first targeted site will be Saint Hilarion Monastery, which is already known by local people in the middle area of Gaza Strip. The second targeted site is the Byzantine church of Jabaliya, which is located in the eastern side of Gaza Strip and less known by people. The two sites are of great importance in the chronology of history between paganism, Christianity and Islam. The two-targeted archeological treasures in Gaza need to urgently be protected and preserved for future generations, otherwise, their loss will be certain.

Saint Hilarion monastery:
Hilarion is originally from a small town located in southern part of Gaza city. Its action is linked intimately to the Christian story of Gaza and historical Palestine also. Indeed, it is in Saint Hilarion monastery (known in Arabic as “Tal Umm 'Amr”) that monasticism was born in the Holy Land. Following different historic periods of Gaza, the site is placed between paganism, Christianity and Islam. It summarizes the religious history of Gaza in part.

The site is one of the largest Christian monasteries in the Middle East. The successive constructions of various churches and the bath complex are good examples of architectural development. This provides information and knowledge specifically on the evolution of construction techniques between the fourth and eighth centuries.

Saint Hilarion monastery is the only archaeological site open to public and international visitors; it has everything to become the center of interest for cultural tourism. An average of 50 pupils and students visit the site on a daily basis. Its chronology continues between Romans and Umayyad historical periods making the monastery as a tool of scientific and pedagogic meditation in relation the archaeology of Gaza and Palestine. The site is a great place for exchange and reflection among project stakeholders: exchange of knowledge in the fields of architecture, archaeology, restoration, protection of heritage and advocacy.

The Byzantine church:

Remains of a massive Byzantine Church in a basilica layout associated with a large cemetery were excavated between 1996 and 2000 on both sides of Salah ad-Din road in the eastern side of Gaza Strip. These remains occupy, most likely, the center of the village of Asalea. All its parts are paved with high quality colored mosaic pavements depicting series of images such as hunt scenes, human figures, animals, birds, floral and geometrical elements, mounds and rivers (Jean-Baptiste Humbert, 2000).

The church is one of the most important churches in the Levant. It was established as resting place for Christian pilgrims travelling to the Holy Land.
PUI/GS/Valorisation Site - Production 3D/ToR - 4

Legend
- Green Line
- Governorate
- Work sites

Areas of intervention
Protection, preservation and promotion of Gaza Strip Historical archaeological sites

Prepared by:
PUI GIS Unit
Created in ArcGIS 10.3 using ArcMap-ArcInfo
May, 2016
1.5. 3D PRODUCTION JUSTIFICATION

The main obstacle to the preservation of the archaeological sites is essentially due to their geopolitical situation. After Israel occupied the Palestinian Territories in 1967, the responsibility for archaeology was placed in the hands of the Israeli military, exacerbating the deterioration of Palestinian heritage. Thus, international law has been breached and Palestinian heritage abused by countless illegal Israeli archaeological investigations, destruction of heritage sites, and illicit trafficking of artefacts.

Today, after 13 years of blockade on the GS, it is very complicated for students and researchers to enter Gaza to conduct archaeological work. This results in scarcity of information available about the current reality of the archaeological heritage in GS, in a lack of protection of the known sites and in a lack of specialized people in cultural heritage protection in Gaza.

In addition to the blockade, the frequent wars in Gaza contribute to the deterioration of the site as in the case of Jabalyia in 2012 when tanks crossed the church’s compound damaging mostly the southern side of the mosaic. In addition, Israeli air strikes also damaged the garden of the church.

In 2012, the World Monuments Fund, dedicated to preserving the world's architectural heritage, which lists sites around the globe at risk from the forces of nature as well as social, political, and economic change, put Saint Hilarion on its Watch List.

The Palestinian Ministry of Tourism and Antiquities has limited financial and technical human resources capacity to protect Gaza cultural heritage as it is not seen as a priority for the de-facto government and no investment is in place for protecting this cultural heritage.

The project “Protection, preservation, and promotion of Gaza Strip Historical archaeological sites”, funded by the British Council Cultural Protection Fund, has three pillars: restoration and preservation of the archaeological sites, capacity building program to form a local Palestinian technical team as restorer and awareness raising on the importance of Palestinian Cultural Heritage.

In order to valorize the targeted archaeological site (Saint Hilarion Monastery), PUI will call for a specialist in the production of 3D with proven experience related to similar archaeological monuments.

This will allow all the visitors (adults and children) to well understand the history of the remains based on their 3D restitution according to specific framing. It is the necessary tool to understand the archaeological site. These images will enable the project team to contribute to the production of educational brochure for children.

2. ASSIGNMENT OBJECTIVE

Specific Objective: Produce full 3D volume and high quality videos and images of the targeted archaeological site.

3. TASKS

The service provider must provide:

A) The visuals of full 3D volume (video) of the remains of the Monastery of Saint Hilarion today (15 000 m2) in its topographical context. The video animation is in full color and delivered to MOV, MP4, AVI.

B) 6 visuals of full 3D volume of the remains of the Monastery of Saint Hilarion today (15 000 m2) in its topographical context. The 3D visuals will be in full color and delivered in HD PDF format.
C) The visuals of full 3D volume (video) of the Saint Hilarion monastery in the late sixth century AD based on existing remains plans (15 000 m²). The video animation is in full color and delivered to MOV, MP4, AVI.

D) 6 visuals of full 3D volume of the Monastery of Saint Hilarion in the late sixth century AD based on existing remains plans (15 000 m²). The 3D visuals will be in full color and delivered in HD PDF format.

E) Eight 3D detailed visuals following specific frames to be determined. The 3D visuals will be full color and realistic texture/canvas/3D modeling. The eight visuals 3D should be delivered in HD PDF format:

The 3D visuals will represent:
- The interior of the atrium (sixth century)
- The interior of the big church (sixth century)
- The flayed of the large crypt (sixth century)
- The interior view of the central chapel of the large crypt
- The interior view of the baptistery of the sixth century
- The flayed of heating system of the bath of the sixth century
- The interior view of the large cold room
- The well and its saqqya system

The software used must be compatible with standard operating systems.

Production conditions:
The production of 3D visuals/videos must be carried out in close collaboration with the expert archaeologist in charge of the scientific study of the targeted archaeological site. The service provider should submit visuals produced in progressive way to be validated by the expert archaeologist.

The service provider must conduct a desk review on similar sites and architecture. Several working sessions will be scheduled to determine the framing, details of views, and the scientific validation of visuals.

Rights and property:
The service provider must cede the rights on the produced images. However, he/she will keep the intellectual property of provided works. The produced 3D videos and images may be used for signs to be placed in the archaeological site of the monastery of Saint Hilarion in Gaza; for scientific publications or towards large public; for exhibitions related to the archeology of the site or the Gaza Strip; for the promotion of archaeological remains and on the websites of Premiere Urgence Internationale (PUI), the Cultural Protection Fund-British Council, and the Ecole Biblique et Archéologique Française de Jérusalem (EBAF). All other uses will be subject to a specific written request from authors. The provider will share the intellectual property of all the produced images with the expert archaeologist in charge for the scientific study of the site and that will give its scientific support for production of each image. During any use of the images, the necessary sign © will be mentioned.

4. METHODOLOGY

4.1. PREPARATORY BRIEFING
- Hold discussion meetings between EBAF archaeologist in charge of the Saint Hilarion archaeology program and PUI’s archaeologist as needed.
- Liaise with Gaza Strip Field coordinator if necessary
- Desk review of ancient cultural heritage
4.2. KEY DOCUMENTS
- Project’s proposal and annexes
- Project progress reports
- Plan of the archaeological site

4.3. CONTACTS
- PUI Gaza Senior Field Coordinator
- Archaeologists in charge of the restoration of Saint Hilarion Monastery
- PUI Archaeologist and Intern architect

5. ORGANISATION OF THE STAFF

5.1 COMPOSITION OF TEAM
- Specialist in 3D production
- Archaeologists in charge of the restoration of Saint Hilarion Monastery (Mr. Rene Elter)
- PUI’s Gaza Strip Field Coordinator (GSFC)
- PUI Archaeologist/technical restorer
- PUI’s Logistic & Security Officer

5.2 LOGISTICS, SECURITY AND ADMINISTRATIVE ORGANISATION
- One car if needed.

5.3 FOLLOW-UP MANAGEMENT
- Expert Mr. René Elter will be in charge of following the production of the 3D and will coordinate with GSFC when necessary.
## TIMETABLE AND DELIVERABLES

### Production of 3D videos and images
**Saint Hilarion Monastery**

**Overall Objective:** Valorization of Saint Hilarion Monastery for the promotion of Palestinian Cultural heritage and awareness raising

**Specific Objective:** Produce full 3D volume and high quality videos and images of the targeted archaeological site.

<table>
<thead>
<tr>
<th>Month</th>
<th>Nov-19</th>
<th>Dec-19</th>
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<tbody>
<tr>
<td><strong>Activities</strong></td>
<td>W1</td>
<td>W2</td>
</tr>
<tr>
<td>1. Preparatory phase</td>
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<tr>
<td>1.1 Hold discussion meeting with EBAF person in charge of Saint Hilarion Program</td>
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<tr>
<td>1.2 Desk review of ancient cultural heritage</td>
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<tr>
<td>1.3 Discussion and coinotation with Gaza Strip Field Coordinator</td>
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<tr>
<td>1.4 Surveys of topography and site remains and architectural details of the site in Tell Umm el-Amr in Gaza, constitution of a graphic documentation</td>
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<tr>
<td>2. Production of 20 3D images quadrichromie and textured in HD PDF format, specific framing to be determined for each image during the realization</td>
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<tr>
<td>2.1 The interior of the atrium (sixth century)</td>
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<tr>
<td>2.2 Produce images of the interior of the big (sixth century)</td>
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<tr>
<td>2.3 Produce images of the flayed of the large crypt (sixth century)</td>
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<tr>
<td>2.4 Produce images of the interior view of the central chapel of the large crypt</td>
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<td>2.5 Produce images of the interior view of the baptistery of the sixth century</td>
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<td>2.6 Produce images of the flayed of heating system of the bath of the sixth century</td>
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<td>2.7 Produce images of the interior view of the large cold room</td>
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<td>2.8 Produce images of the well and its saqqys system</td>
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<tr>
<td>3. Production of 2 videos in full 3D volume</td>
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<tr>
<td>3.1 Produce a video in full 3D volume of the remains of the Monastery of Saint Hilarion today (15 000 m2) in its topographical context. Video in full color and delivered to MOV, MP4, AVI</td>
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<tr>
<td>3.2 Produce a video in full 3D volume of the Saint Hilarion monastery in the late sixth century AD based on existing remains plans (15 000 m2). Video in full color and delivered to MOV, MP4, AVI</td>
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</table>
EXPECTED DELIVERABLES:

1. **One** full 3D volume video of the remains of the Monastery of Saint Hilarion today (15,000 m²) in its topographical context. The video animation is in full color and delivered to MOV, MP4, AVI.

2. **One** full 3D volume (video) of the Saint Hilarion monastery in the late sixth century AD based on existing remains plans (15,000 m²). The video animation is in full color and delivered to MOV, MP4, AVI.

3. **20 full 3D volume visuals** of the remains of the Monastery in HD PDF format as mentioned above.

The mentioned above deliverables should be completed within one and half months.

6. REQUIRED PROFILE

- Studies in architecture or archaeology with a minimum of Master degree
- Proven experiences in 3D production
- Previous experiences in the architecture and archaeology works.
- High independency in production of 3D images related to cultural heritage.

7. APPLICATION PROCEDURES

Qualified candidates are requested to submit a financial proposal, cover letter, CV and a couple of samples of their previous work in the 3D production related to cultural heritage via email to hr@premiere-urgence.ps and hom@premiere-urgence.ps