UFFIĊĊJU PARROKKJALI, PARROĊĊA MOSTA
15, TRIQ IL-KNISJA, MOSTA. MST 2015
TEL: 21433826
Sit uffiċċjali: www.mostachurch.com
Paġna ta' facebook: mostaparish

25 ta' Settembru 2023

242/2023

Lill-Eċċellenza Tiegħu Reverendissima
Monsinjur Charles J. Scicluna
Arċisqof Metropollita ta' Malta.

Rikors għall-Mużew tal-Bażilika fil-parroċċa tal-Mosta

Eċċellenza,

Il-fundazzjoni '*Mosta Rotunda Foundation*' inħolqot bil-għan li tieħu ħsieb il-Bażilika u l-propjetajiet kollha tal-parroċċa. Barra minn hekk tagħmel minn kollox biex tieħu ħsieb il-patrimonju u l-wirt kulturali tal-parroċċa. Tara wkoll li tagħti esperjenza sabiħa lit-turisti li jżuru r-Rotunda. Dan qed tipprova tagħmlu billi tlaqqa lit-turist ma' parruċċani li volontarjament joffru li jilqgħu u jitkellmu mat-turisti.

Biex din l-esperjenza tkompli tkun waħda pożittiva, l-fundazzjoni qed taħdem biex isir mużew li fih jiġbor oġġetti sagri u artistiċi. Il-pjan hu li l-Mużew isir fuq is-sagristiji, u fil-kennirja tal-Bażilika. Diġa' inħarġu l-permessi meħtieġa minn naħa tal-awtorita' tal-ipjanar (PA 05874/19) . Il-fundazzjoni tħoss li wasal iż-żmien biex dan il-proġett, li issa ilha taħdem fuqu mhux ħażin, jiġi fis-seħħ.

Dan il-proġett ġie diskuss diversi drabi fil-kunsill ekonomiku parrokkjali u għamel wkoll *feasable study*. Il-kunsill hu tal-fehma li dan il-proġett għandu jsir peress li għandu jkun asset kbir fil-pakkett offrut lit-turisi li jżuru l-Bażilika. Dan il-proġett hu stmat li jiġi jiswa €1,107,487 Ta' min isemmi li kellna laqgħa informali mal-ministru tat-turiżmu u wiegħdna li s-sena d-dieħla jkun f'pożizzjoni li jagħtina sa €500,000, pero' sa issa ma sar xejn bil-miktub, għalhekk ma nistgħux nibbażaw wisq fuq din il-wiegħda. Minħabba f'hekk il-kunsill ekonomiku qed jissuġġerixxi li nitolbu loan mill-kurja ta' €800,000 biex isir dan il-proġett. Hu kkalukulat li dan il-loan jitħallas lura fl-10 snin li ġejjin. Imma jekk ikun il-każ li nirċievu l-għajnuna mill-ministeru tat-turiżmu, ma jkunx hemm il-bżonn li nużaw il-loan kollu, u għalhekk l-loan jitħallas lura qabel iż-żmien previst.

Nixtieq għalhekk f'isem il-fundazzjoni nitlob li tiġi milqgħuha t-talba biex jinbena l-Mużew tal-Bażilika. Kif wkoll biex jiġi approvat il-loan mitlub ħalli jsir dan ix-xogħol.

Filwaqt li nitlob il-barka tiegħek,
Nirringrazzjak ta' kollox.

Dun Sebastjan Caruana
Arċipriet.

Sigillum Paroeciae Assumptionis B.M.V. Mustae Melitae

Preżentat fil-Kurja Arċiveskovili
Illum 26 ta' Settembru 2023
Charles Buggeja, Kanċillier

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25 ta' Settembru 2023

Lil min tikkonċerna,

Il-Kunsill pastorli parrokkjali jabel li jsir mużew tal-Bażilika. Il-kunsill jara li dan il-proġett jgħin biex jiġu preservati oġġetti sagri u artistiċi u biex jagħti esperjenza aktar kompleta lit-turisti li jżuru l-Bażilika.

Michael Tanti
Segretarju tal-KPP

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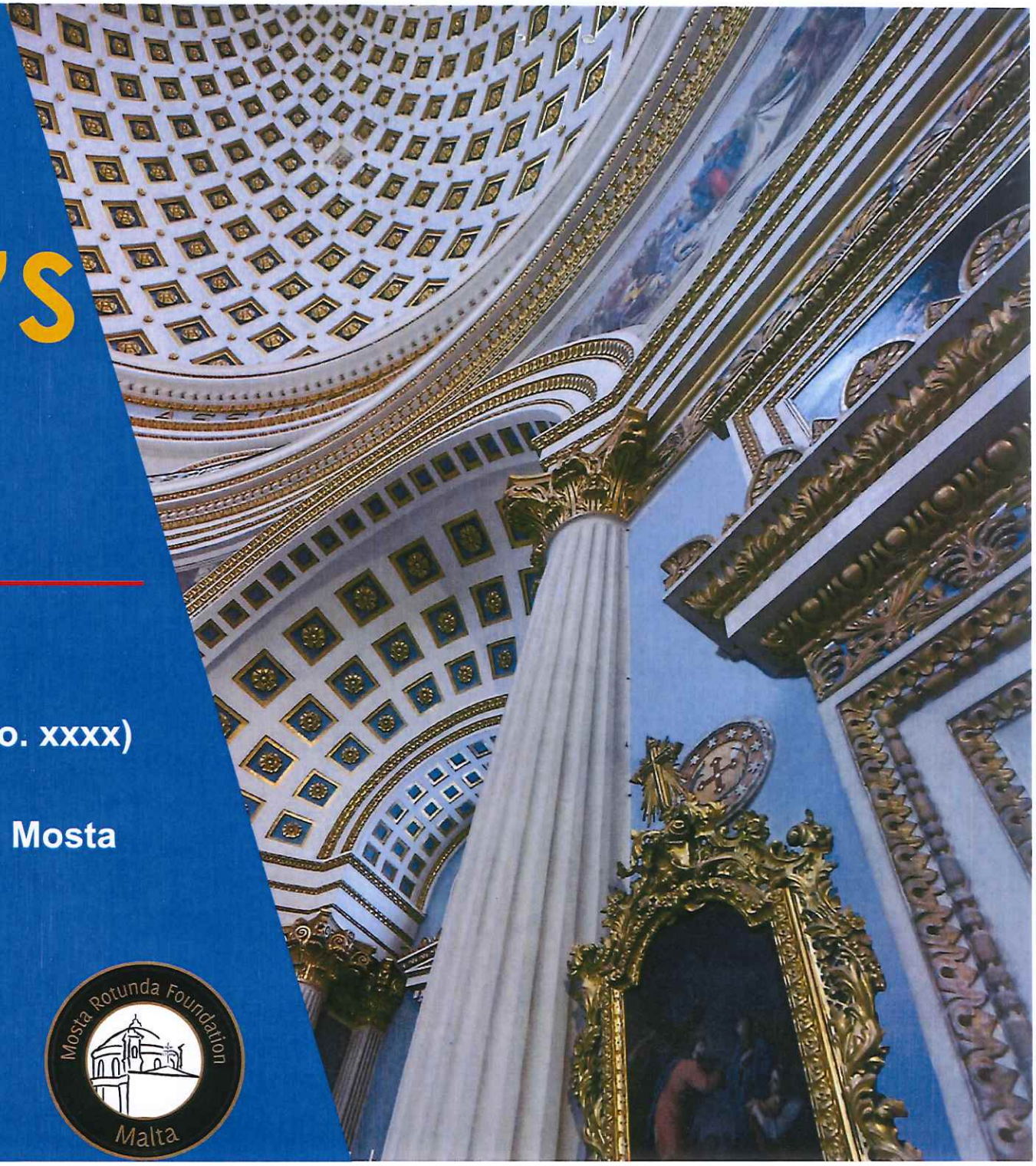
04 ta' Marzu 2023

Lil min tikkonċerna,

Il-Kunsill Ekonomiku Parrokkjali jaqbel li jsir il-proġett tal-mużew tal-Bażilika. Il-membri tal-kunsill jaqblu li jintalab loan ta' €800,000 biex isir dan il-proġett.

Gracianne Mifsud
Segretarja tal-KEP

MOSTA BASILICA'S MUSEUM



A new project proposed by

Mosta Rotunda Foundation (VO no. xxxx)

&

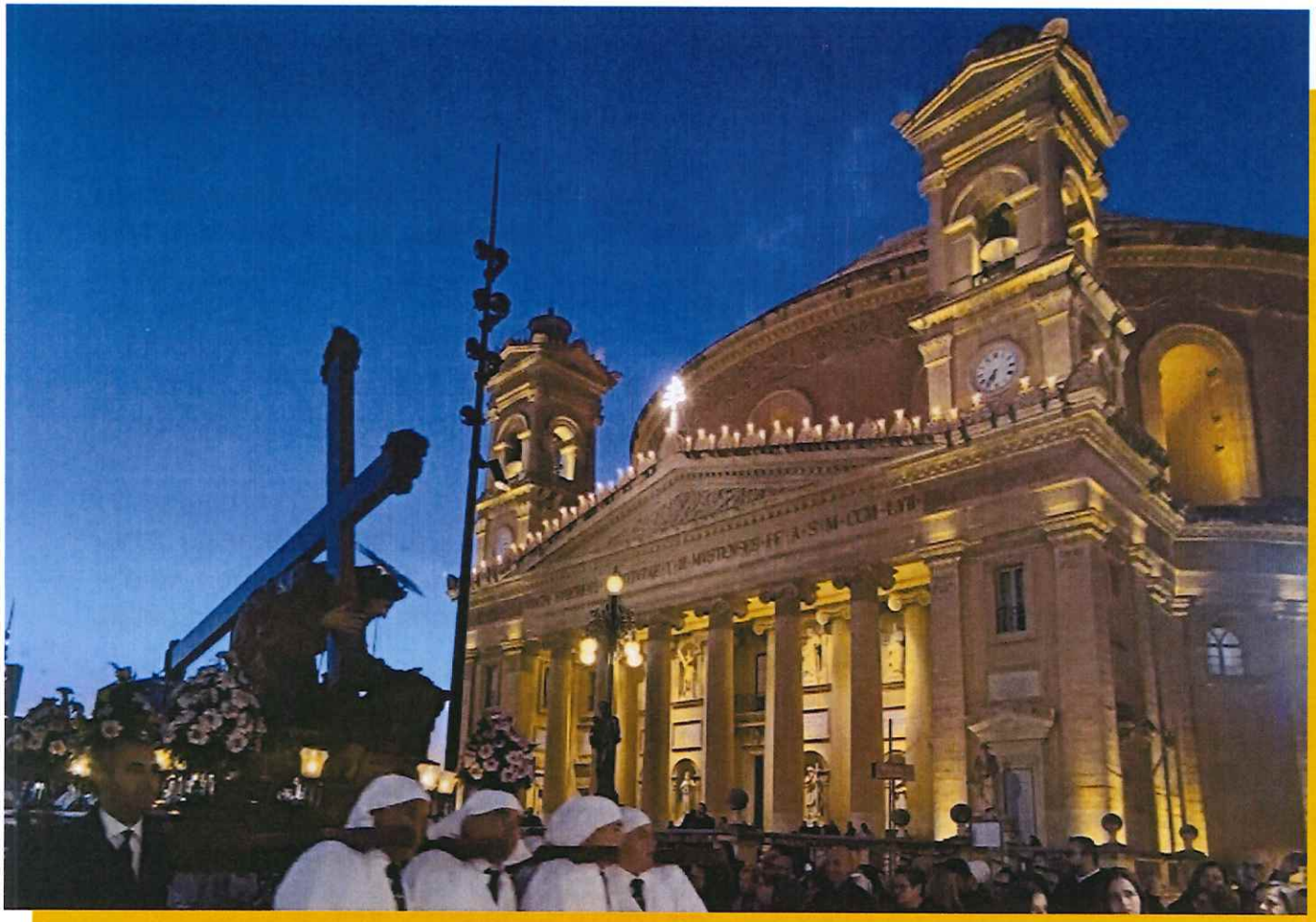
Il-Kunsill Ekonomiku Parrokkjali, Mosta

DRAFT DOCUMENT

July 2023

Contents

1. Project Scope



The theme: Death of the physical body is not the end of the road. After their time on Earth, humans transition to eternity in the afterlife.

The primary scope of the museum is to exhibit the history of life surrounding the Rotunda Basilica conveying an overriding message of the Christian faith on the passage of life and eternity in an interactive manner.

2. The Inception of the Rotunda

The Mosta parish was founded in 1608. Within two years, due to the increasing village population, the original church was already outgrown in size. This church was replaced by a new one designed by Tommaso Dingli. By 1815 the villagers and parish priest had agreed that a larger and more modern church was needed. The outbreak of cholera led to the abandonment of the project.

When the pandemic subsided, the parish priest commissioned various architects to design a new church, among whom was architect and engineer Georgio Grognet de Vassé. The most attractive feature in his design was that it lacked columns, leaving the tombs in the crypt intact.

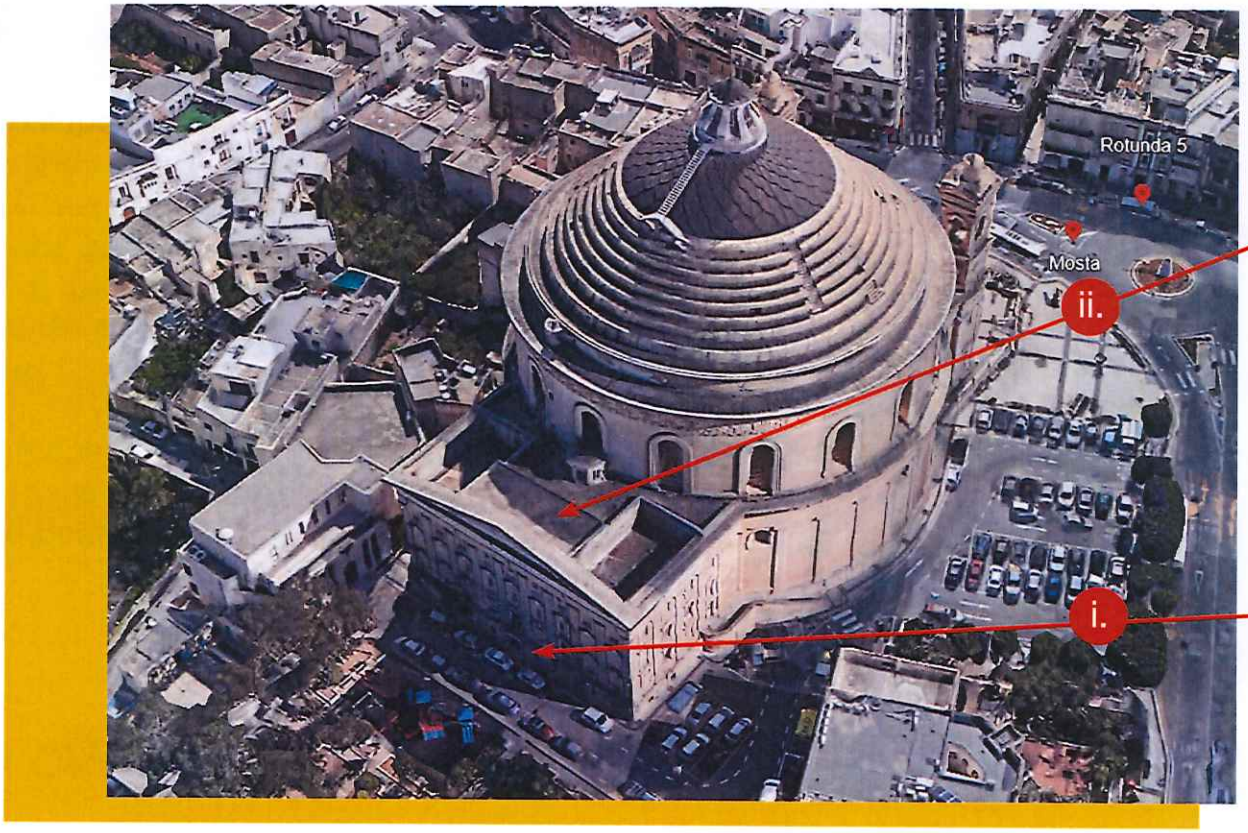
The foundation stone was laid in 1833 and the building was finished 27 years later in 1860. The part of the sacristry at the back of the rotunda was completed in the mid-20th century. As the rotunda was erected around the existing church, the parishioners continued to hold the church services in the old church. Regretfully, pictures or details of the church prior to being dismantled upon completion of the rotunda are not in existence. The rotunda itself was reborn from the old foundations of the church. Many similarities can be observed in Dingli's work, allowing one to be able to deduce the structure of the old church.

With a diameter of 37 metres, the rotunda's dome is one of the largest unsupported domes in the world. Synonymous with the Mosta dome is the penetration of the bomb in World War II during a church service. The size of the church and its survival beyond World War II have been the major tourist attraction to the locality.

3. The Project's Layout

The Project will be spread across two levels:

i. the Rotunda's crypt, underneath the Basilica; and
ii. the upper level, above the sacristy behind the frontispiece at the back of the Basilica.



i. The Crypt

Before locating the cemetery at the village outskirts, up to the early 1970s the crypt was used for the burial of parishioners in its tombs.

Rebirth

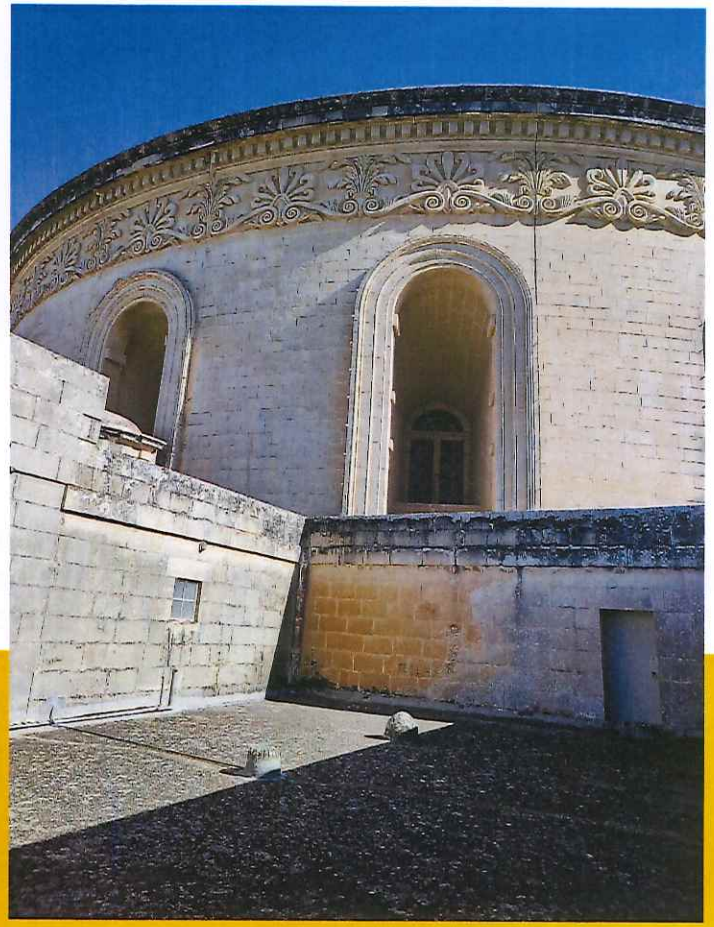
The museum tour starts from the crypt which still bears some of the original walls of the old church. Upon entering the crypt, the museum's theme is immediately transmitted starting with the notion of a resting place and an old church that made way to the birth of something new – the Basilica and now the museum.

The afterlife

The crypt's raised floor will be constructed of transparent panels (glass or fibre) to mark the tombs whilst honouring the lives of those that had been buried there.

ii. The Upper Level

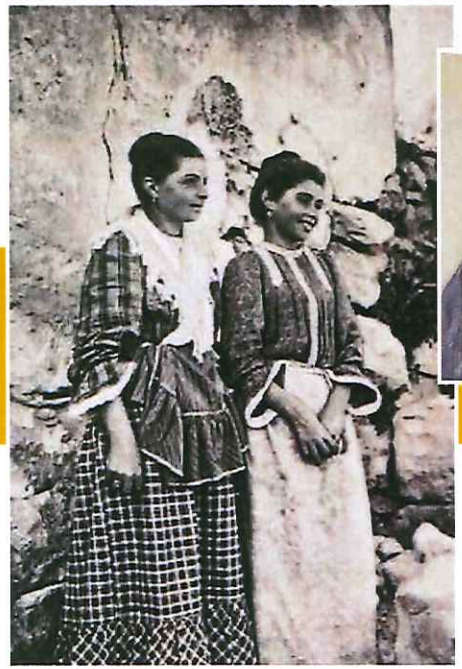
Part of the back of the church where there is currently an open walled space will be roofed. This space will become the primary display area of the museum exhibiting the history of the Rotunda and the spiritual and religious life in Malta.

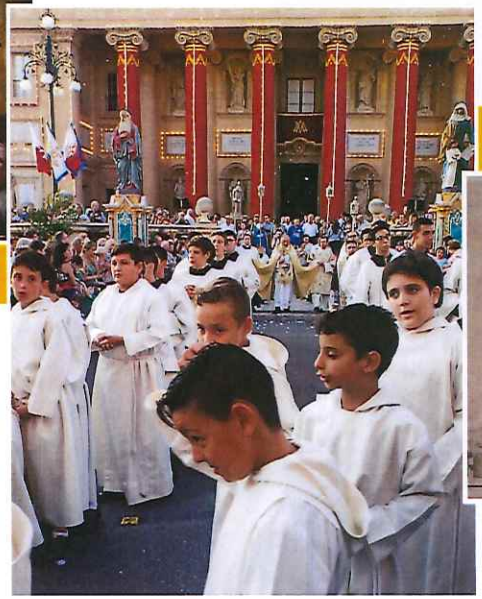


4. THE CONCEPT

The display in the crypt and the exhibition in the upper level will walk the visitor through a journey starting from the early 17th century to date including:

- the history of the Basilica including an explanation on why and how it was built;
- some background information of the parishioners that were buried in the crypt;
- a conceived model of the old church to give an idea of how it looked;
- items used in the old church such as paintings, bells, candles, and the pulpit;
- visualisation of Grognet's design which mitigated the bomb's impact from causing significant damage;
- information about the patron saint - Santa Marija;
- exhibits about feasts, showing Maltese statues, various artists' designs of the effigies and *bandalori*;
- the religious life in Mosta throughout the centuries and how it has evolved exhibiting artefacts that were used along the centuries elaborating the distinction between pre Vatican Council and Vatican Council I and II.

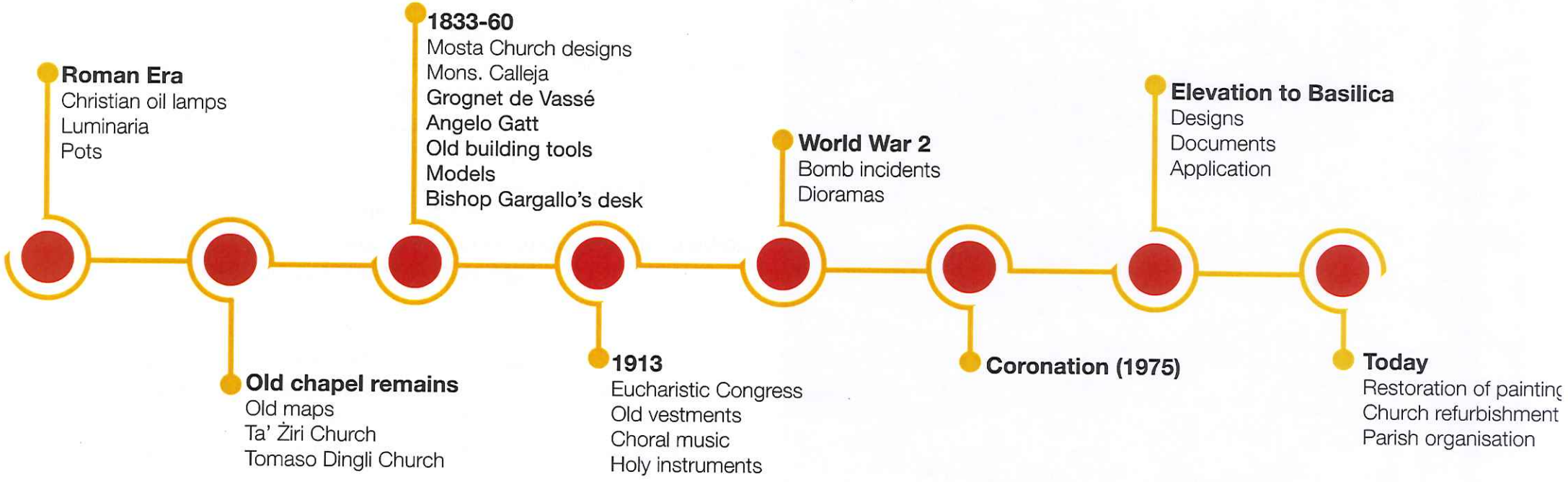




The exhibited items will be displayed in show cases, having dedicated lighting and written information enclosed on indent cards. Unique precious items will be brightly lit but surrounded by darkness, whilst larger objects will be behind rope barriers.

Display items through the ages:

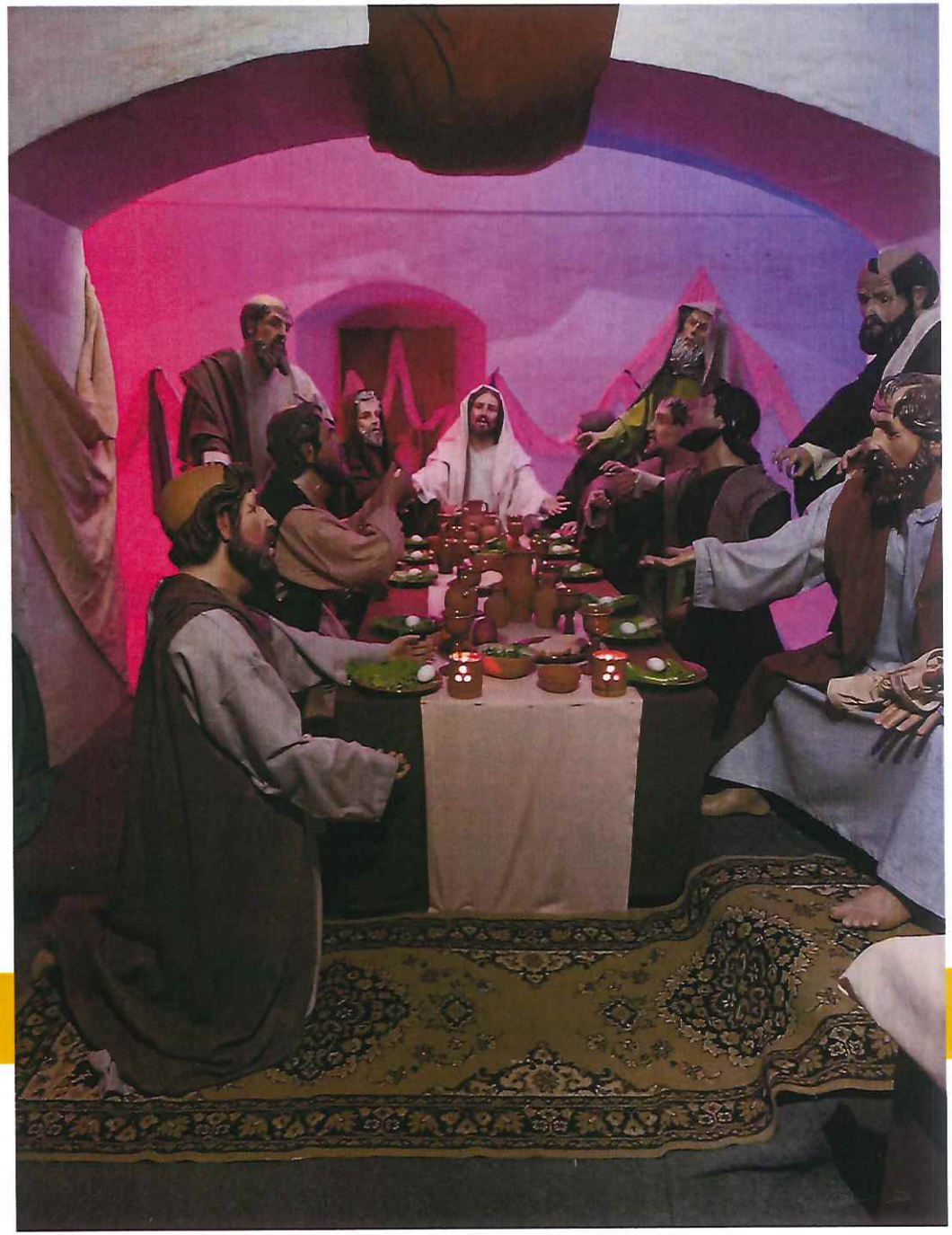
- Oil lamps
- Building tools
- Maps
- Vestments
- Holy instruments
- Silver ware
- Statues
- Wood
- Banners
- Stained glass
- Paintings

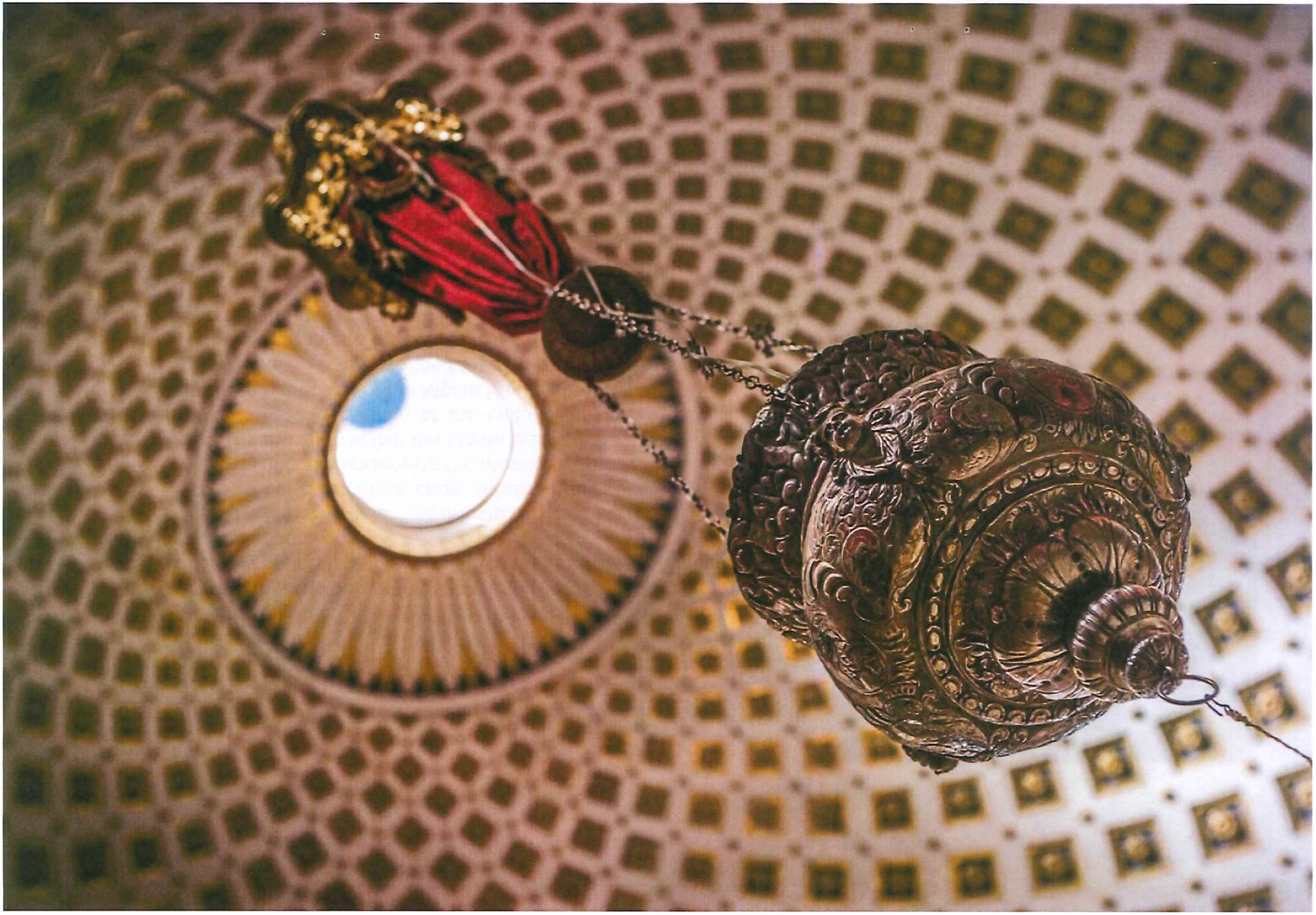


Since many of the tourists that visit Malta are not Catholic or Christian, various media will be used to deliver an interactive experience that enables them to understand the exhibits and the museum's Christian message through:

- interpretation boards;
- dioramas;
- incorporation of sounds and smells;
- guided tours giving out information about religion, spirituality, and people's beliefs;
- interpreter that bridges the gap between the artifact and the visitors conveying the Christian faith of humanity through personal interaction.
- a video about the ceremonies and liturgies that take place during the Holy Week will be purposely produced to be shown as part of this tour.

Some of the exhibits will be changed annually whilst others will be periodically exhibited when not in use in the Basilica for church services during their respective feasts (such as the statue of Christ the Redeemer). Temporary exhibits will be displayed in the vacant spaces during feast times thus keeping the museum up to date while maximising space limitations.





5. THE PROJECT'S GOVERNANCE

The museum will fall under the overarching responsibility of the Mosta Rotunda Foundation ("the Foundation"), a non-profit making organisation that was established in May 2021. Some of the key objects for which the Foundation was constituted are:

i. Safeguard, protect, preserve, restore, conserve, improve, administer and maintain all property, both immovable and movable, as may form part of the guardianship, curatorship or ownership of the Parokċa ta' Marija Mtella' is-Sema Mosta, including:

a. The Sanctuary Basilica (Mosta Rotunda Basilica);
b. Paintings, artefacts, cribs, statutes and sculptures;
c. The shelters underlying the Mosta Basilica;
d. The museum within the Mosta Basilica.

ii. Promote the appreciation of the cultural and historical value of assets forming part of the patrimony of the Mosta Parish property;

iii. Enhance public access to the Mosta Parish property;

iv. Produce, publish and broadcast, using own or third-party media, material that is consistent with the role and objectives of the foundation;

v. Promote, undertake, commission, publish and distribute research and studies related to the objectives of the foundation;

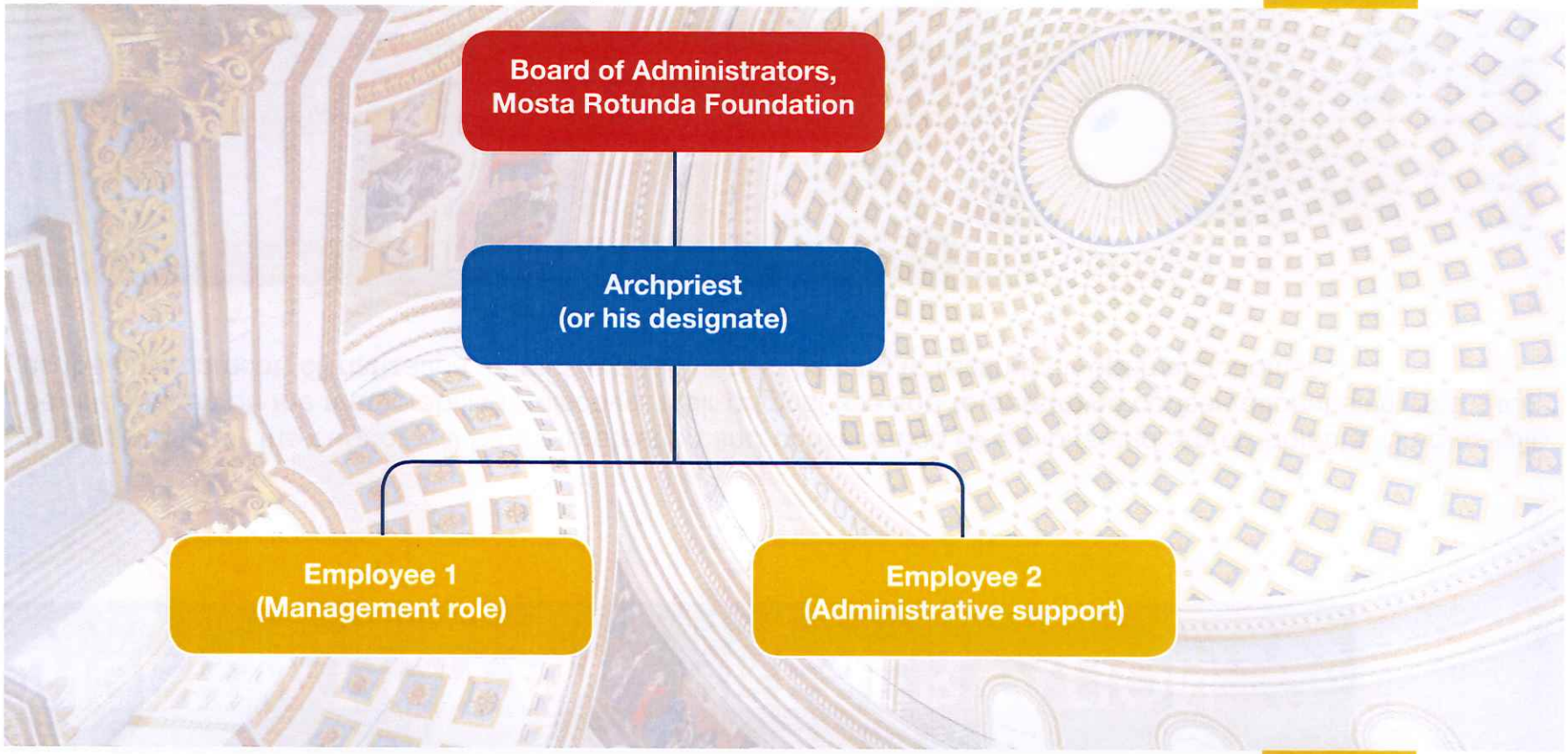
vi. Encourage volunteers and employ persons as otherwise appropriate for the further implementation of the purposes and objects.

The concept of the museum and the related activities seamlessly dovetail into the above listed objects, aims and purposes of the Foundation.

The Foundation will appoint a core team of volunteers to oversee the curatorship of the museum, particularly at its inception. The curators' role will be to:

- gather the memorabilia,
- arrange the display; and
- develop interpretations of the exhibited objects through publications, annotations, specialised events, audio-visual presentations, and briefings;
- to inform, educate and inspire visitors about the Basilica's history and the Christian message.

Two full-time employees will be engaged to administer and handle the day-to-day activities of the museum. One of these employees will be responsible for the management function of the Museum and he will report to the Basilica's Archpriest or his designate.



6. CONSERVATION AND PRESERVATION

A key priority for the curator will be the protection and conservation of exhibits and stored objects. Studies will be undertaken on the memorabilia to discover their original use and to determine conservational elements such as the environment, climatization, humidity, and the best lighting to retain their optimal condition.

7. MARKET ANALYSIS

Number of inbound tourists

The tourism sector in Malta suffered decreasing numbers of inbound tourists between 2020 and 2021 due to the Covid-19 pandemic.

By 2022, the tourism sector had almost fully recovered, recording a total of 2.3 million tourists arriving in Malta, more than double of those arriving in the previous year and just 17% below the pre-pandemic levels. It is expected that this gap will be closed by the end of 2023.

Purpose of visiting Malta

Out of the total tourists visiting Malta, 89% come for holiday purposes, while the remaining 7% visit Malta for business and 4% for religion or educational reasons. The top two main motivations for choosing to visit Malta were "sun" and "culture"[1]. The country's rich cultural heritage makes it an attractive destination for tourists that seek historical insight.

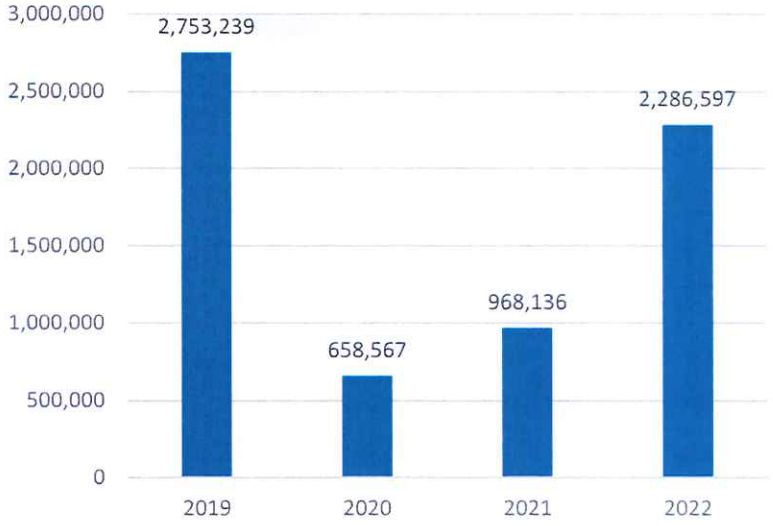


Figure 1. Total inbound tourists (Source: NSO)

[1] maltatourismstrategy_2030.pdf *(gov.mt)*

There has not been any movement in the ratio of purpose of visits between pre-pandemic and post-pandemic years. Tourists visiting the Basilica are primarily those that come to Malta for a holiday.

The Malta tourism Strategy published in March 2021 forecasts an optimistic maximum of 3 to 3.2 million inbound tourists from 2021 to 2030 . The Strategy forecasted 1.6 million inbound tourists in 2022. Tourists arriving in Malta in 2022 surpassed this projection, reaching 2.2 million.

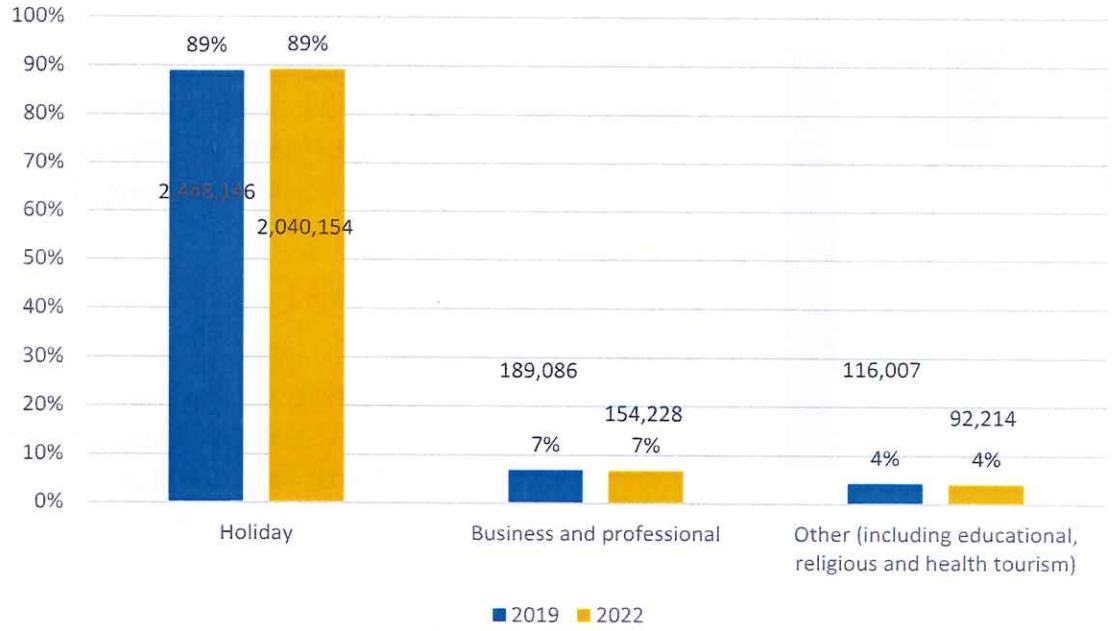


Figure 2. Purpose of visit (Source: NSO)

Duration of tourist night stays

Total overnight stays in Malta slightly decreased by 3.47%, from 1,001,863 in 2019 to 967,108 in 2022. The majority (2022: 46%; 2019: 48%) of tourists travelling to Malta post-pandemic spent 7 nights or more in the country while 32% (2019: 30%) of tourists spent between 4 to 6 nights. Both pre-and post-pandemic figures show that 22% of tourists spent 1-3 nights in Malta in 2019 and 2022.

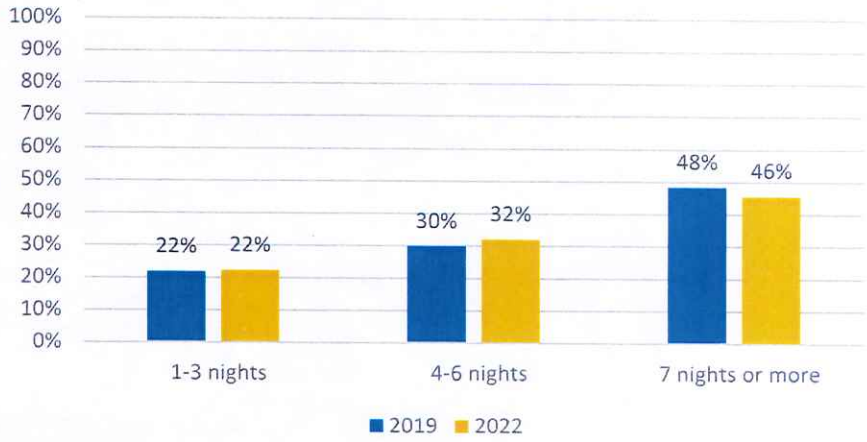


Figure 3. Number of night stays (Source: NSO)

The average length of stay in 2022 increased slightly from 7.1 in 2019 to 7.3 in 2022. The tourists who will most likely visit the museum would be those staying in Malta for more than four nights (78% of the tourist population; 1,777,192 tourists) as they will likely have more time to visit different entertainment facilities than that of people who stay for 1 to 3 nights[3] since tourists who stay for longer visits may visit a greater number of attractions in more peripheral locations[4].

In February 2023, total inbound tourists were estimated at 132,513 which is an increase of 203.5% in comparison to the previous year which reached a total of 64,623 in February 2022[5]. The number of nights spent in Malta by tourists increased by 156% from over 1 million nights in 2022, to 1.8 million nights in 2023. The disparity between the increase in number of tourists arriving in Malta and the nights spent is reflected by the drop in average length of stay, which decreased from eight nights in February 2022, to 6.2 nights in February 2023.

In the first quarter of 2023, Malta International Airport registered 1,245,525 passengers entering Malta, which marks a 2% increase over pre-pandemic figures[6].

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[2] Ibid.
[3] A study conducted by Gössling et. al (2016) found that tourists who have limited time to explore a country are likely to stay in more central areas and focus on visitation of major attractions.
[4] Full article: Global trends in length of stay: implications for destination management and climate change (tandfonline.com)
[5] Inbound tourism in February 2023 doubled over the previous year - *BusinessNow.mt*
[6] 1.25 million passengers welcomed at Malta International Airport in first three months - *The Malta Independent*

Expenditure per capita

In 2019, recreational expenditure per capita during a tourists' stay was €54.15, €30.28 of which comprised fees towards excursions/site visits. This highlights the strong demand for participating in historic/heritage-related activities among visitors.

Target visitors

The target visitors will primarily be those tourists coming to Malta for holiday and staying for more than three nights. Therefore, the potential market size is 1.6 million (based on 2022 data).

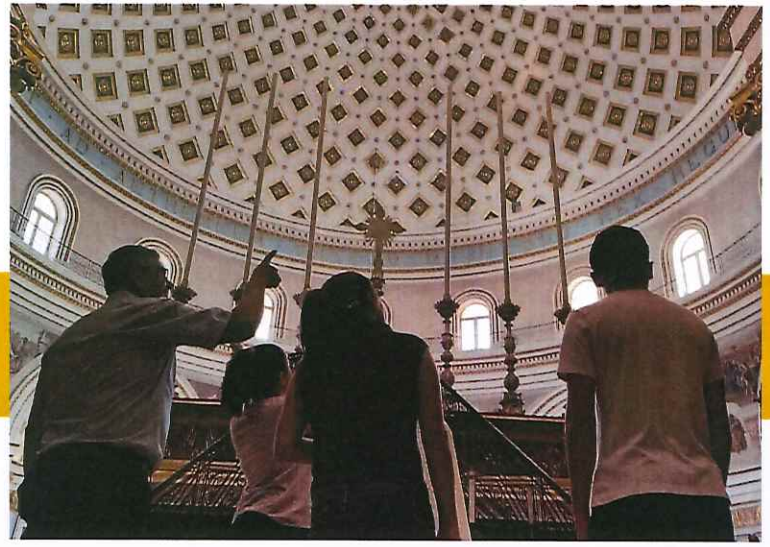
The visitors to the Basilica reached almost 150,000 before the pandemic. In 2022, tourists to the Dome were 18% lower than those that visited in 2019 (close to the national average of 17%).

The number of visitors to the Basilica represented circa 8% of the tourists that were for holiday for more than 3 nights in Malta in 2022. Therefore, the number of tourists within the potential market segment that can be captured is substantially significant and this Project aims to attract more travelers to the locality.

	2019	2020	2021	**2022**	**2023**
	No.	No.	No.	No.	No.
Entrance fee	70,405	14,267	17,316	8,085	1,581
Full package	53,184	15,694	23,375	87,808	31,327
Entrance fee & shelter	24,196	4,057	4,838	25,466	7,500
Total visitors (except small groups)	147,785	34,018	45,529	121,359	40,408

[1] 1 January 2023 to 5 May 2023

[2] Entrance fee no longer offered



Other visitors

As the exhibitions and presentations will be structured to create valuable learning experiences, the museum is expected to attract students, history enthusiasts, as well as locals who wish to comprehend their heritage and understand the origins of traditions.

8. COMPETITION

Malta is well-known for its rich history and heritage and for having as many churches as there are days in the year: 365. Some of the key church attractions include:

St John's Co-Cathedral, Valletta

First built by the Order of the Knights of St John in 1577, this Cathedral was dedicated to Saint John the Baptist and has become one of Malta's most visited churches. The church was intended to be a landmark that could be seen from almost anywhere in Malta.

Tickets to enter the Cathedral are currently €15.

St. Paul's Cathedral, Mdina

Designed by Lorenzo Gafa' in the 17th century, St Paul's Cathedral was built on the area where St. Paul converted Publius, the Roman governor, to Christianity. The Cathedral holds artworks by several famous painters, including Mattia Preti.

Tickets to enter the Cathedral are currently €10.

Gozo Cathedral, Victoria (Gozo)

The Gozo Cathedral was originally built on the site of a roman temple in 1711. Presently, the Cathedral holds two main attractions, the statue of Santa Marija and the trompe l'oeil that gives the impression of a dome on the flat ceiling. Apart from the cathedral itself, the church also has a museum, Vestry, and offers combination tickets for the Citadel Theater.

Entrance to the Cathedral is €5 and a combination ticket is €7.

The Collegiate Parish Church of St. Paul's Shipwreck, Valletta

The Church of St. Paul's Shipwreck is one of Valletta's oldest churches, dating back to the 1570s. The wooden statue of St. Paul in the church was carved in 1657 and is still taken out for processions around Valletta to this day.

Entrance to the church is free.

Ta' Pinu Sanctuary and Basilica, Għarb, Gozo

Located in the village of Gharb in the Northwestern Part of Gozo, Ta'Pinu is known for its museum recording hundreds of stories of alleged miracles, making the Basilica a famous site for pilgrimages.

Entrance to Ta' Pinu Sanctuary is free.

9. SWOT ANALYSIS

Strengths

- The Basilica's rich history sets a strong foundation to create a museum as there are many stories to convey and various artifacts to be displayed which will enhance the tour's experience.
- A strong congregation within the Mosta community provides valuable resources such as volunteer support and donations to the Basilica which will aid in the collection and conservation of the artifacts.
- Important historic relics and religious articles are already well preserved such as paintings, bells, candles, statues, and the pulpit.
- Exhibits can be changed seasonally, encouraging repeat visitors.

Weaknesses

- Space limitation
- The location at the upper level makes stable climatization for conservation more challenging
- Based on various online sources, Mosta is not regarded as a highly popular tourist destination.
- The ongoing road works in Mosta make it very difficult for tourists and locals to reach the Rotunda.

Opportunities

- The potential market is large and the Rotunda can attract more visitors
- Possibility of collaborations and partnerships with travel agencies and tour guides.
- The museum can be used as a venue to hold religious-related events to draw believers and non-believers to the Christian faith.

Threats

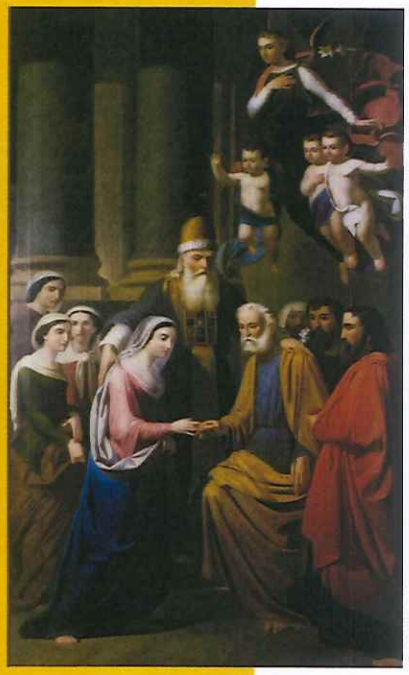
- High competition since there are several churches and museums in Malta. Established churches may upgrade or expand their attractions to remain innovative.
- Visitors may regard the museum as a one-time excursion and thus will not return.
- The preservation and maintenance of the Basilica and its artifacts is costly.

10. BENEFITS OF THE PROJECT

Several benefits and positive outcomes are expected to emerge from the museum:

i. Cultural and religious preservation

Actively preserving and showcasing the Basilica's heritage and the items associated with it allowing the community of Mosta to keep their stories alive and remembered.



ii. Educational value

The museum aims to provide insight into the Basilica's historical past and its architecture with a view to producing a greater overall appreciation of its design and national heritage appertaining to religious traditions.

iii. Another tourist attraction

As Malta is known for having a rich culture and heritage, the museum will be an added feature to attract more tourists to the Mosta dome. The increase in tourism to Mosta will lead to economic enhancement, benefiting local businesses and to continue promoting Mosta as a tourist destination.

iv. Employment opportunities

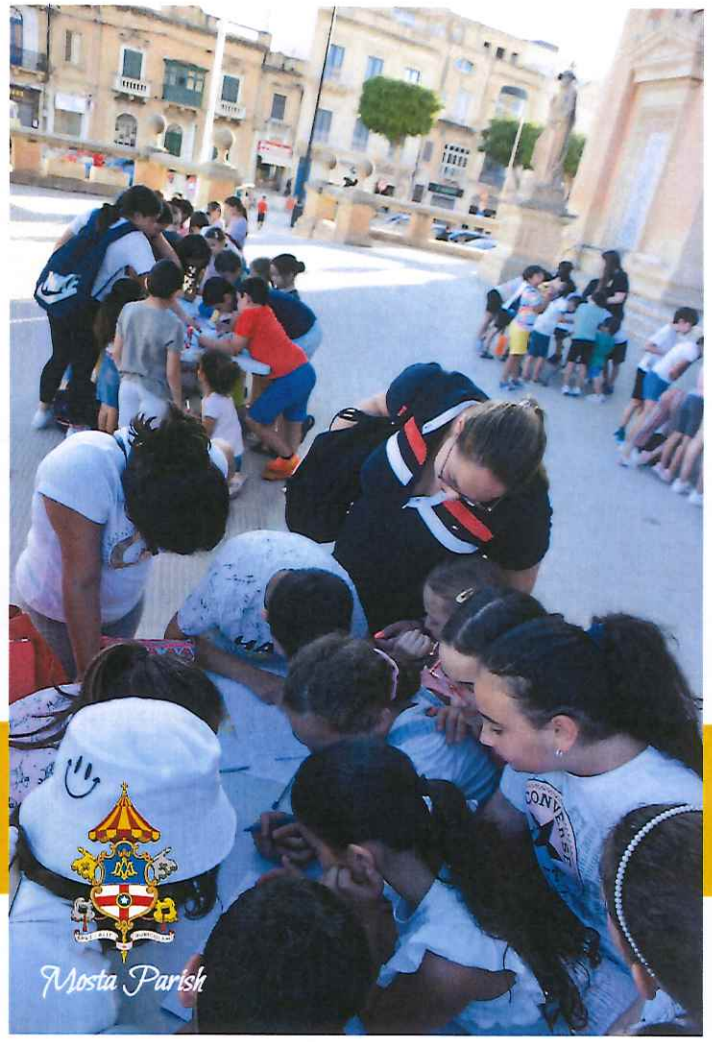
Apart from creating two full-time equivalent positions in the parish's administration team to support the museum's operations, the influx of more tourists will create employment opportunities for the surrounding businesses in the Mosta area.

v. Strengthen local community

The notion of the museum may offer members of the community the opportunity to come together to share social stories from the past and to donate hidden relics to be preserved and enjoyed by the public rather than stored or hidden away.

vi. Fundraising

The additional income from the entrance fee will be a means to support the long-term sustainability of adequately maintaining and preserving the Basilica's artifacts.



11. FINANCIAL BUSINESS PLAN

Currency and projected inflation

- The financial projections have been prepared in Euro (€).
- The rate of inflation has been projected at 2.8% per annum[7].

Preparatory period

The construction of the ceiling/roof at the upper level; the cleaning of the crypt, installation of the lift and set-up of the exhibition is expected to take 18 months to complete.

It is expected that the museum will be ready to welcome its first visitors during the Christmas period of 2024.

The full development permission of the respective case number PA/05874/19 in relation to a change of use of existing disused spaces to a Class 2B museum for Sacred Art and Objects of Mosta Rotunda together with the demolition of existing concrete stairs and proposed installation of lift and sanitary facilities for the Basilica has been issued on 31 July 2020 and is valid for five years.

[7] https://economy-finance.ec.europa.eu/economic-forecast-and-surveys/economic-forecasts/spring-2023-economic-forecast-improved-outlook-amid-persistent-challenges_en#key-figures

Proposed ticket fee

The present tour of the Mosta Basilica consists of access to the church, the outdoor and indoor dome balcony, and the World War II air raid shelter for a total charge of €5 per person. Tickets may also be purchased at €3 for entrance to the Basilica and the shelter only.

The current package ticket fee of €5 incorporates:

- access to an app with an informational video available in 13 languages,
- detailed guidebook,
- image gallery,
- pictures relating to the Basilica,
- list of attractions in Mosta; and
- other additional information such as booking a bus tour of religious attractions in Mosta.

The app works by scanning a QR code showing on the ticket. The museum will become an extension of this tour which can also be conducted in the evening or early night.

It is proposed that one package fee of €8 (including VAT) per person will be charged. This fee is considered as reasonable and competitive, giving the tourist access to all the attractions including the museum. Tourists may opt to visit some of the attractions only and those particularly interested in the history of the Basilica may prioritise the museum during their visit or come back another time to view some of the other attractions in the package.

School children, especially those hailing from Mosta will be allowed to visit for free and collaboration may be sought with the primary school to incorporate the visit with on site field work as part of the curriculum.

Projected income

The projected income is based on the incremental value of the ticket charge from €5 to €8 per person which works out at €2.86 excluding VAT. The price of the ticket has been estimated to increase by 5% every 5 years.

Projected number of visitors

The projected number of visitors has been based on the tourists that visited the Basilica in 2022. A conversion rate of 90% has been estimated for tourists that purchased tickets that were either for entrance to the Basilica only or the Basilica and the shelter.

For the purposes of the financial projections, the prospective growth in the number of visitors was not factored in.

	2022 No.	Conversion Ratio	Projected No.
Entrance fee	8,085	90%	7,277
Full package	87,808	100%	87,808
Entrance fee & shelter	25,466	90%	22,919
Total number of visitors	**121,359**		**118,004**

Operating Costs

Operating expenditures have been projected in line with the level of activity that will be undertaken by the Basilica's museum and where appropriate, have been estimated to increase by the rate of inflation.

Depreciation

Depreciation has been computed as follows:

	Per annum
Civil and engineering works	2%
Equipment	10%

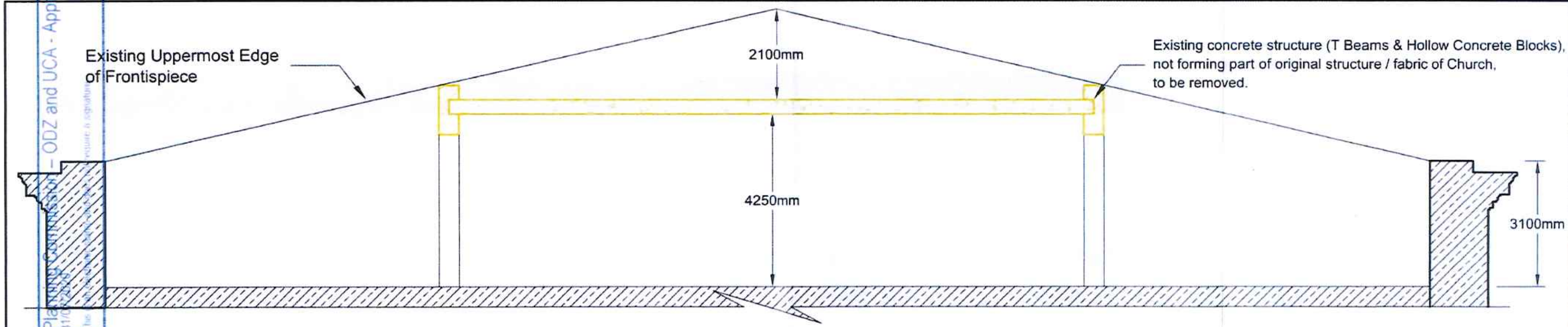
Taxation

Taxation has been computed at 35% of earnings, net of depreciation (capital allowances).

Projected investment

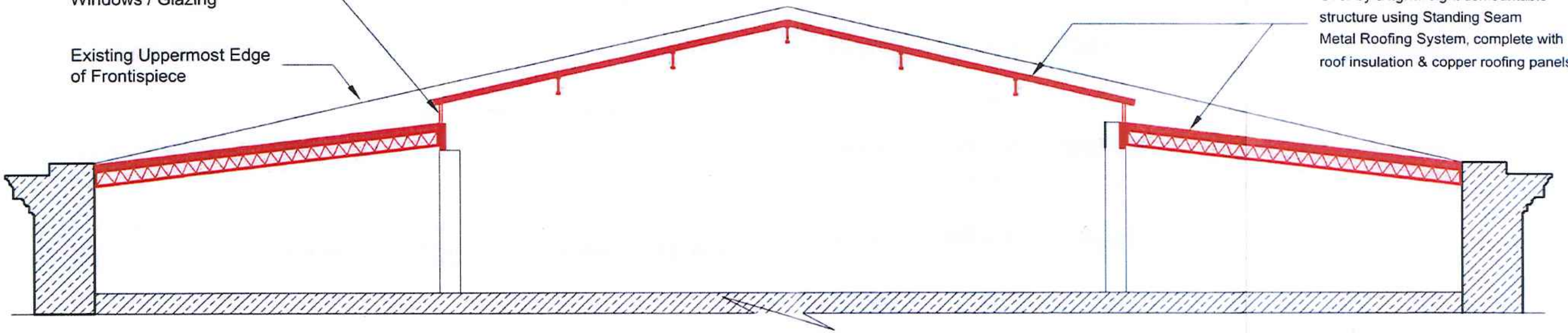
The projected capital expenditure is estimated at €1 million (excluding VAT).

	Total €	2023 €	2024 €
Preliminaries	32,344	32,344	-
Dismantiling or staircase, plumbing and tiling of bathrooms, doors and other works at Triq Bartilmew Bezzina	36,176	27,132	9,044
Works at sacristy level - dismantling of walls between WC and the corridor	800	600	200
Works at level with Museum/roof - Dismantling, raised flooring, levelling of walls, painting	145,133	108,850	36,283
Lightweight roof structure	273,127	204,845	68,282
Mechanical and electrical works	279,934	69,984	209,951
Miscelleneous work at different levels: reception counter, aluminium screen, railing, steps for quarter landings	47,788	11,947	35,841
Project management	13,112	-	13,112
Designs, service reports, certification and commissioning, testing and handover	50,000	-	50,000
Contingency	75,000	18,750	56,250
Civil and engineering works including dismantling	**953,413**	**474,451**	**478,962**
Security and acces control	35,682	-	35,682
CCTV Systems	5,075	-	5,075
Fire fighting systems	2,768	-	2,768
Light fittings	16,610	-	16,610
Equipment	**60,136**	**-**	**60,136**
Total initial capital expenditure	**1,013,549**	**474,451**	**539,098**



Existing Section X-X

Scale 1:100



Proposed Section X-X

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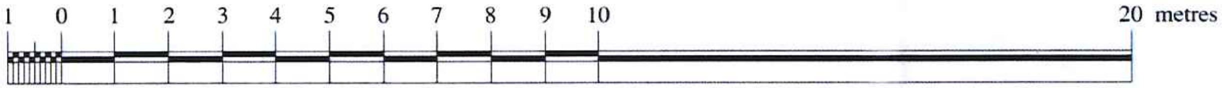


Scale 1:100

CHRISTIAN CUSCHIERI B.E. & A (Hons); A. & C.E
121, Triq il-Kungress Ewkaristiku, Mosta
Mob.: 99804509 email: cuschieri.chris@gmail.com

FILE No.: AP/23/18	DRAWING NAME: Existing and Proposed Sections X-X	
DRAWING No.: 18-029-04, Rev 02	DATE: 16/05/20	CHECKED: C.C.
JOB: Change of Use of existing disused spaces to a Museum (Class 2B) for Sacred Art & Objects of Mosta Rotunda. Demolition of existing concrete stairs and proposed installation of Lift and Sanitary Facilities for the Basilica.	SCALE: 1:100	DRAWN: C.C.

Project Funding

It is expected that the Project will be funded from:

i. internally generated sources primarily from the entrance fees to the Basilica; and
ii. grants from the Malta Tourism Authority or other public institutions.
iii. a loan from the Curia will be sought to finance any short-falls in the funding requirements to meet the projected capital expenditures.

Projected Profit and Loss Accounts

The profit and loss accounts including the revenues that are expected to be generated and the operational expenditures that are expected to be incurred for the projected initial 11 years of operation are shown below:

	2024 Yr 0 €	2025 Yr1 €	2026 Yr2 €	2027 Yr3 €	2028 Yr4 €	2029 Yr5 €	2030 Yr6 €	2031 Yr7 €	2032 Yr8 €	2033 Yr9 €	2034 Yr10 €	2035 Yr11 €
Total revenue	24,725	337,154	337,154	337,154	337,154	337,154	354,012	354,012	354,012	354,012	354,012	371,712
Operating costs			10%	10%	11%	11%	11%	11%	11%	12%	12%	12%
Human resources	2,730	32,760	33,678	34,621	35,590	36,586	37,611	38,664	39,747	40,859	42,004	43,180
Staff uniforms	250	150	150	154	159	163	168	172	177	182	187	192
Water and electricity	175	2,097	2,156	2,216	2,278	2,342	2,408	2,475	2,544	2,616	2,689	2,764
Marketing Costs	2,500	4,000	250	257	264	272	279	287	295	303	312	321
Repairs and embellishment	-	-	750	771	793	815	838	861	885	910	935	962
Bank charges		1,349	1,349	1,349	1,349	1,349	1,416	1,416	1,416	1,416	1,416	1,487
Insurance	292	3,500	3,500	3,500	3,500	3,500	3,598	3,598	3,598	3,598	3,598	3,699
General	500	500	500	500	500	500	514	514	514	514	514	528
Total operating costs	**6,446**	**44,356**	**42,332**	**43,368**	**44,432**	**45,526**	**46,831**	**47,987**	**49,176**	**50,398**	**51,655**	**53,132**
EBITDA	**18,278**	**292,798**	**294,822**	**293,786**	**292,722**	**291,628**	**307,181**	**306,024**	**304,836**	**303,613**	**302,357**	**318,580**
Depreciation	-	25,082	25,082	25,082	25,082	25,082	25,082	25,082	25,082	25,082	25,082	27,426
EBIT	**18,278**	**267,716**	**269,740**	**268,705**	**267,640**	**266,546**	**282,099**	**280,943**	**279,754**	**278,532**	**277,275**	**291,155**
Taxation	(6,397)	(93,701)	(94,409)	(94,047)	(93,674)	(93,291)	(98,735)	(98,330)	(97,914)	(97,486)	(97,046)	(101,904)
Profit after tax for the year	**11,881**	**174,016**	**175,331**	**174,658**	**173,966**	**173,255**	**183,364**	**182,613**	**181,840**	**181,046**	**180,229**	**189,250**

Projected Free Cashflows

The net free cash flows for the 11-year projected period including the capital expenditures in the initial years are set out below:

												Terminal value	
	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
	€	€	€	€	€	€	€	€	€	€	€	€	€
EBITDA	-	18,278	292,798	294,822	293,786	292,722	291,628	307,181	306,024	304,836	303,613	302,357	318,580
Capital expenditure	(474,451)	(539,098)	-	-	-	-	-	-	-	-	-	-	(83,574)
Cashflows before tax	**(474,451)**	**(520,820)**	**292,798**	**294,822**	**293,786**	**292,722**	**291,628**	**307,181**	**306,024**	**304,836**	**303,613**	**302,357**	**235,007**
Taxation	-	(6,397)	(93,701)	(94,409)	(94,047)	(93,674)	(93,291)	(98,735)	(98,330)	(97,914)	(97,486)	(97,046)	(101,904)
Cashflows after tax	**(474,451)**	**(527,217)**	**199,097**	**200,413**	**199,740**	**199,048**	**198,337**	**208,446**	**207,694**	**206,922**	**206,127**	**205,311**	**2,153,198**

The free cash flows are expected to stabilize in Year 11. The terminal value of the Project which expects that the operations will continue indefinitely have been computed by discounting the free cash flows of Year 11 by the weighted average cost of capital less the growth of rate (increase of 5% in the package fee).

12. PROJECT FEASIBILITY

The Project returns a Net Present Value of €645,754 computed at a weighted average cost of capital specific to the Project of 11.18% after tax. The Project yields an internal rate of return of 20.66% after tax, rendering the Project feasible.

	Post-tax	
IRR	20.66%	
Discount rate	11.18%	
NPV	645,754	
Payback	Yr6	years after commencement of operations

Discount rate – Weighted average cost of capital

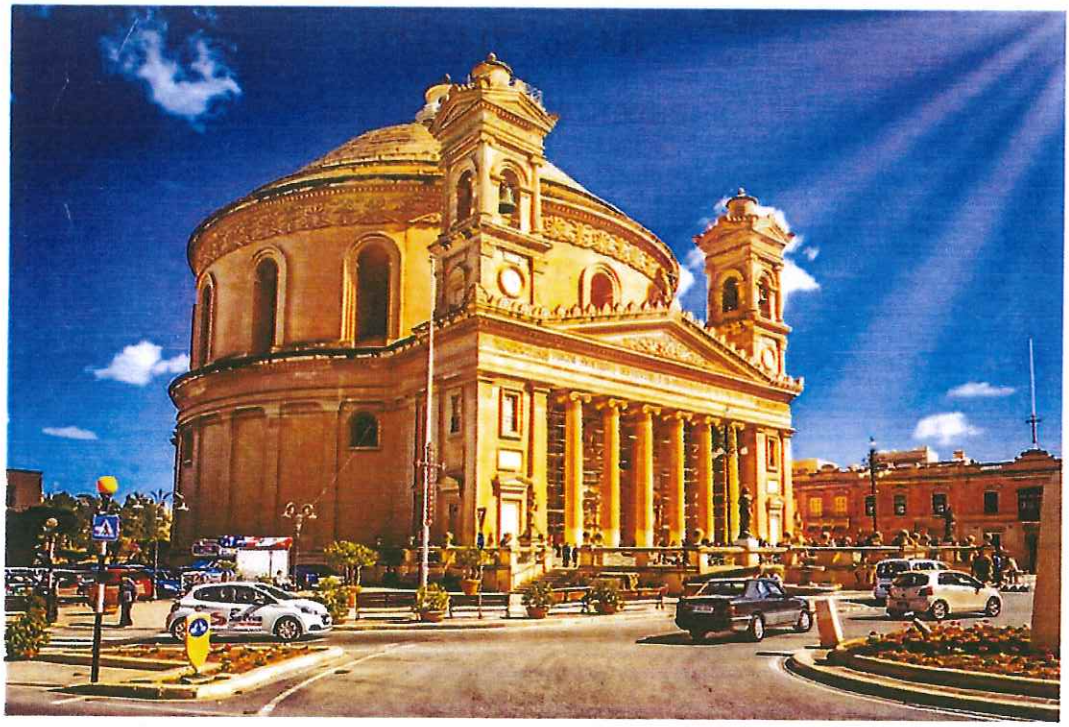
The discount rate is represented by the Project's weighted average cost of capital, which works out at 11.18%.

Debt to equity	*0.00%*
Beta Coefficient (relevered)	*0.82*
Risk Free Rate	2.48%
Country Risk Premium	1.28%
Mature Market Risk Premium (ERP)	*5.00%*
Entity Specific Risk Premium (ESRP)	3.33%
Post-tax cost of equity	*11.18%*
Gearing	*0.00%*
Debt Rate	5.50%
Profit Tax Rate	35.00%
Post-tax cost of debt	*3.58%*
WACC - post-tax	***11.18%***

Compiled by

Design

Construction Management Plan for the Demolition and Alteration works to change the current use of a space into a Museum for Sacred Art and Objects, including installation of lift and sanitary facilities, of the Mosta Basilica



Details of Contractor

Contact Person: Reno Vassallo

Position: Construction Manager

Organization: Vassallo Builders Ltd

Address: Vassallo Group,

The Three Arches,

Valletta Road,

Mosta

Tel.No.: 21432333

e-mail: reno@vbgl.com

Introduction

Vassallo Builders Ltd are interested in carrying out demolition, alteration, servicing and finishing works to spaces at the prestigious Mosta Basilica, to create a museum for sacred arts and objects.

The project is a design and build contract, therefore, Vassallo Builders Ltd took the liberty to include specific details to how the works are carried out, should the company be awarded this project.

Works Methodology

Safety and Site Security

Before any works commence, Vassallo Builders Ltd will make sure that the site is hoarded off with concrete blockwork. Pedestrians will have a safe passage adjacent to the blockwork. A tower crane will be used throughout the project and shall be located as shown in Figure 1. Demolition will be done by hand and its methodology will be discussed and formally certified safe by architect or as per architect instructions given to Vassallo Builders Ltd at the time. This is to make sure that no damage is done to the structure. Vassallo Builders will erect all the necessary work platforms and use scaffolding certified platforms to carry out all the works necessary.

Figure 1: Tower Crane Location

Site Facilities:

A mobile toilet will be provided outside the existing structure, but within the safety hoarding and will be kept until the completion of the project.

Operating Hours

Normal operating hours will be from 07:00 till 17:00 during the week and from 07:00 till 13:00 on Saturdays. However, Vassallo Builders Ltd shall respect the pastoral activities such as mass, and will not carry out work which cause nuisance during such times.

Tower cranes / Mobile Cranes

A tower crane will be used to hoist material to the external roof area, and manually hoisted to lower levels. This shall be done when Vassallo Builders commence with the careful removal of the existing staircase, which, in turn, shall crease the new lift core. Certification of the tower crane will be sent to the client's H&S representative prior entering the site. All crane drivers are certified, and a copy of the certification will also be sent to the H&S representative.

Traffic Management and routes

Construction traffic will initially approach the site from Vjal l-Indipendenza, to Triq il-Kbira and consequently Triq il-Kostituzzjoni, toward the parish church. This is to mitigate using arterial urban roads. Vehicles will then reach the site via Trejqa il-Parrocca.

Access Points

All Vassallo Builders employees, management and subcontractors will enter the site through the entrance security gate towards the site. Upon entry, they will register. The same procedure will follow at the end of the day when exiting the church premises.

Site Management

A site diary shall be kept on site and shall be made available for inspection. This diary shall include a record of daily activities, and quality assurance inspections, health and safety practices, delivery dates, and any other relevant information deemed important.

The principal pollutants in relation to air quality are likely to be dust. These and other potential impacts will be controlled to levels that would not represent a hazard to health, damage to the environment or unacceptable nuisance. During demolition and alteration works, construction management measures will be adopted to cover and contain construction waste to limit dust and reduce the potential for accidental spillage. Dust emissions will be controlled at source. Waste materials and other building materials will be regularly dampened down to control dust. Stockpiles generated from detailed excavation will be carted away to an approved quarry in the shortest time possible. Skips will be located outside the premises to mitigate dust pollutants in the church premises as much as possible. The site will be hoarded off with gypsum partitions to mitigate dust passage.

Noise

Acceptable operational noise levels at the nearest sensitive receiver shall be limited to the following:

Time Period	dB(A)
Day time	65
After Sunset	40

Figure 2: Permissible noise levels

Should the background noise level exceed the above-mentioned maximum noise levels, a maximum of 10 dB(A) will be permitted above the background noise level. The following operational conditions shall apply to fixed noise sources at the facilities:

- At 1 metre distance from any source the measured 5-minute Leq noise level shall not exceed 90 dB(A) when all Plant is in operation
- At 1 metre distance from any source the measured 5-minute Leq noise level shall not exceed 85 dB(A) when the noise is from the source alone
- At 6m distance from any source the measured 5-minute Leq noise level shall not exceed 65 dB(A) when the noise is from the source alone

Any equipment with a sound power level rating at peak loading of more than 90 dB(A) will be acoustically shielded. The noise and vibration levels of plant and equipment shall be minimised

according to BS 5228 or equivalent standard. The noise levels within the facilities shall comply with the occupational health and safety dose for an 8-hour working day of 85 dB(A) and equivalent daily noise dose for an 8-hour working day of 85 dB(A).

Generic Occupational Health and Safety Provisions

Introduction

The main contractor and sub-contractors will be required to adopt common health and safety management practices, as outlined hereunder, or otherwise required by national legislation or regulations. The Contractor will have his Project Supervisors who shall be responsible for the co- ordination of the construction process, and specifically for the preparation and administration of Health & Safety Plans. The Health and Safety Plans shall be submitted for approval by the Health and Safety Authority.

Occupational Health & Safety (H&S) Legislation

The National Code of Practice for Health and Safety shall be adopted throughout the construction phase of the Project. The basic objective of the Health & Safety Plan will be to

- identify the hazards associated with the construction process,
- to identify procedures to reduce the hazards to a minimum, and
- to establish procedures to be adopted in the case of accidents.

The Project Supervisor shall be answerable to the Contractor, and shall be responsible for continuously updating the Health & Safety Plan, for ensuring that all sub-contractors and employees know, and comply with, safety rules, for excluding unauthorised persons from the work area, for displaying notices of work, for keeping and updating the Building File, and for ensuring the necessary health and safety training of the employees. He shall also be responsible for notifying all relevant authorities. The Building File shall contain information on the structure, and relative risks of construction. The Building File shall also contain all design information, and all information related to the materials and elements supplied to the Site, as well as that information added during the construction phase, such as "as-built" information,

details of proposed programmes, certificates for plant and equipment in use, and details of significant hazards or work sequences.

Safety Provisions

The following provisions shall be made, without limiting in any way, other provisions that the Project Supervisor may deem necessary to render the Site and the Work safe:

- A Notice, giving information on the specific hazards, and on the availability of emergency assistance, shall be clearly displayed in a position such that it can be read by those working on site and those affected by the site.
- Routes for access for emergency vehicles, and for emergency evacuation of the Site, shall also be delineated.
- The Project Supervisor, on behalf of the Contractor, shall be responsible for ensuring that all persons on the Site, whether the Contractor's employees or otherwise, wear the necessary personal protective clothing at all stages. The Engineer shall have the right to send away any of the Contractor's employees, or of his Sub-Contractors, or otherwise doing work on the site, if they do not comply with this requirement.
- Workers shall be provided with, and shall wear the following personal protective clothing and equipment:
    - safety helmets or hard hats to protect the head from injury resulting from falling or flying objects, or from striking against objects or structures; goggles, a screen, a face shield, or other suitable device when likely to be exposed to eye or face injury from airborne dusts or flying particles, dangerous substances, harmful heat, light, or other radiation, and during welding, flame cutting, rock drilling.
- Concrete mixing or other hazardous work; protective gloves and suitable protective clothing to protect hands or the whole body when exposed to heat radiation or while handling hot, hazardous, or other substances which might cause injury to the skin. Footwear of an appropriate type when employed at places where there is the likelihood of exposure to adverse conditions, or of injury from falling or crushing objects, hot or hazardous substances, sharp- edged tools or nails.
- Respiratory protective equipment, suitable for the environment, when workers cannot be protected against airborne dust, vapours, or gases by ventilation or other means; waterproof clothing and head coverings when working in adverse weather conditions.

- Safety harnesses with independently secured lifelines where protection against falls cannot be provided by other appropriate means.
- The Contractor shall provide safe, sufficient, and suitable storage for flammable liquids, solids, and gases such as liquefied petroleum, gas cylinders and paints. Storage areas for flammable liquids, solids and gases shall be rendered secure against trespassers. Smoking shall be prohibited, and "No smoking" notices of appropriate design, size and shape shall be prominently displayed in all spaces containing readily combustible or flammable materials. Combustible material such as scrap wood or plastics, oily/greasy waste, sawdust or packing material shall not be allowed to accumulate in places of work but should be kept in closed metal containers in a safe place.
- The Project Supervisor, on behalf of the Contractor, shall ensure that all work platforms, falsework, and scaffolding are of sturdy construction, certified, and securely attached to solid parts of the structure, or of the ground, complete with guard-rails, toe rails, secure ladders etc.
- Scaffolding shall be erected by qualified personnel and inspected regularly. Scaffolding shall be properly designed, constructed, erected, and maintained to prevent collapse or accidental displacement when properly used. Scaffolds shall be designed for their maximum load and with a safety factor of at least 4 times their maximum load. The maximum loading capacity of the scaffolding, as specified by the supplier or erector, shall be indicated on the scaffolding, and shall not be exceeded at any stage. Lifting appliances shall be securely attached to mountings, all lifting appliances shall be certified to be in a proper working condition. Fixed lifting gear shall be installed by competent personnel and certified to be in a proper working condition. Fixed lifting gear shall be in such a way that the operator can either see over the zone of operations or be capable of communicating with all loading and unloading points.
- Adequate precautions shall be taken to protect any person who might be injured by the fall of materials, tools or equipment being raised or lowered. Such precautions may include fencing, barriers, or the appropriate utilization of look out men. Guys, stays, or supports shall be used where required to prevent danger, alternatively other effective precautions shall be taken to prevent the collapse off structures or parts of structures that are being erected, maintained, repaired, dismantled, or demolished.

- Scaffolds shall be provided with safe means of access, such as stairs, ladders, or ramps. Ladders shall be secured against inadvertent movement. Scaffolds shall be adequately braced or strutted to prevent collapse. Scaffolds, which are not intended to be independent, shall be rigidly connected to the building at suitable vertical and horizontal distances. The foot or base of any standard or upright shall be placed on an adequate base plate in a manner to prevent slipping or sinking. Loose bricks, drainpipes or other unsuitable material shall not be used for the construction or support of any part of a scaffold. No scaffold shall be partly dismantled and left so that it is capable of being used unless it continues to be safe for use.
- When necessary to prevent danger from falling objects, working platforms, gangways and stairways of scaffolds shall be provided with overhead screens of adequate strength and dimensions. Scaffolding materials shall not be thrown from scaffolds or from heights. Other materials shall only be thrown from scaffolds or heights where the landing area has been designated, protected, appropriate notices displayed and is under the supervision of a person on a landing level.
- Tower crane shall only be operated within the limits specified by the manufacturers. The Project Supervisor, on behalf of the Contractor, shall ensure that crane operators are over 18 years of age. Mobile cranes shall be sited where there is clear space available for erection, operation, and dismantling. As far as practicable, cranes shall be sited so that loads do not have to be handled over occupied premises, over public thoroughfares, other construction works or near power cables. Where two cranes are sited in position where their jibs could touch any part of the other crane, there should be direct means of communication between them, and a distinct warning system operated from the cab so that one driver may alert the other to impending danger. The crane shall be tested before being taken into use. For longer periods, or at times when adverse weather conditions are expected, out of service procedures should be followed.
- Plant machinery and equipment shall be switched off when not in use and isolated before any major adjustment, cleaning or maintenance is performed. Where trailing cables or hose pipes are used, they shall be kept as short as practicable, be mechanically protected, and not be allowed to create a safety hazard.
- Concrete work equipment shall be examined, tested, and certified annually by a mechanical engineer having a warrant to practice his profession. Concrete mixers shall be protected by side railings to prevent workers from passing under the skip while it is

being raised. Hoppers into which a person could fall, and revolving blades of trough or batch-type mixers, shall be adequately guarded by a grating. When the drum of a concrete mixer is being cleaned, adequate precautions shall be taken to protect the workers inside by cutting off the power, or removing fuses.

- Noise emission levels from the plant/equipment must conform to approved standards, for example as stipulated in E.U. Directive 86/662/EEC. The exhaust system from the engine must be fitted with a residual silence.
- All openings through which workers are liable to fall shall be kept effectively covered or fenced and marked in the most appropriate manner. Guard-rails and toe boards shall be provided to protect workers from falling from elevated workplaces, alternatively, adequate safety nets or safety sheets shall be erected, made fast and maintained, or adequate safety harnesses shall be provided and used. Hoist shafts shall be enclosed with rigid panels or adequate fencing at ground level on all sides.
- All vehicles and handling plant shall be certified to be in a proper working order and shall be operated by trained personnel. All vehicles and plant shall be properly maintained, and any faults rectified or repaired promptly. All vehicles and handling equipment shall be equipped with acoustic signalling devices, with power and hand brakes, with reversing alarms in addition to the normal lights, and with silencers. Vehicles or plant not conforming to the above shall not be allowed to operate on the site.
- All manual tools, pneumatic tools, electrical tools, concrete mixing equipment, compressors, etc. Shall be suitable for the work to be carried out, shall conform to approved standards and regulations, shall be safe and such that they can be operated without risk to health. They shall be provided with protective guards, shields, or other devices as appropriate, which shall be maintained regularly, which shall be equipped, where applicable, with an extract dust system which shall be as close as possible to source of the dust, and which sucks away from the breathing zone, not through it, shall be fitted with shock absorbing materials, be and fitted with noise control protection devices at source to reduce as much as possible noise exposure.
- The temporary electrical installation on the Site shall meet the requirements of the IEE Regulations for Electrical Installations, and of the Enemalta Regulations. In particular, IEE Regulations Paragraph 604, and specifically the following shall be applied:
    - 604-3 - Protection for Safety.

- 604-4 - TN System — (an IT System of supply shall not be used); 604-
- 08-03 - Provision of RCD.
- 604-9 - All switchgear must be P55.
- 604-10 -No wiring system shall have strain placed on the termination of
- conductors, and no cable shall be run across access roads where cranes and other earth- moving equipment shall be passing.
- 604-11 Isolation and switching.

Sequence of works

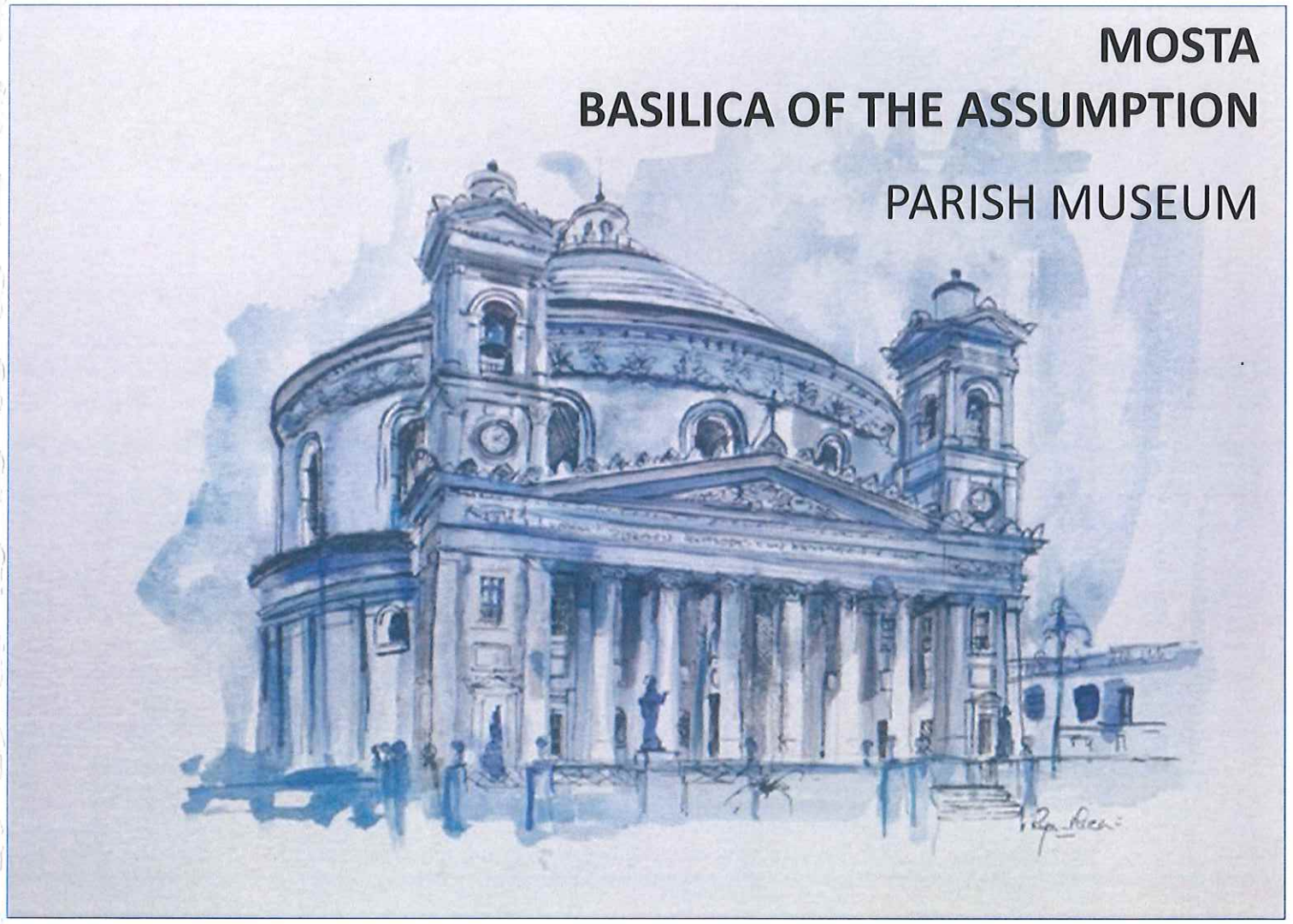
Civil works to existing buildings

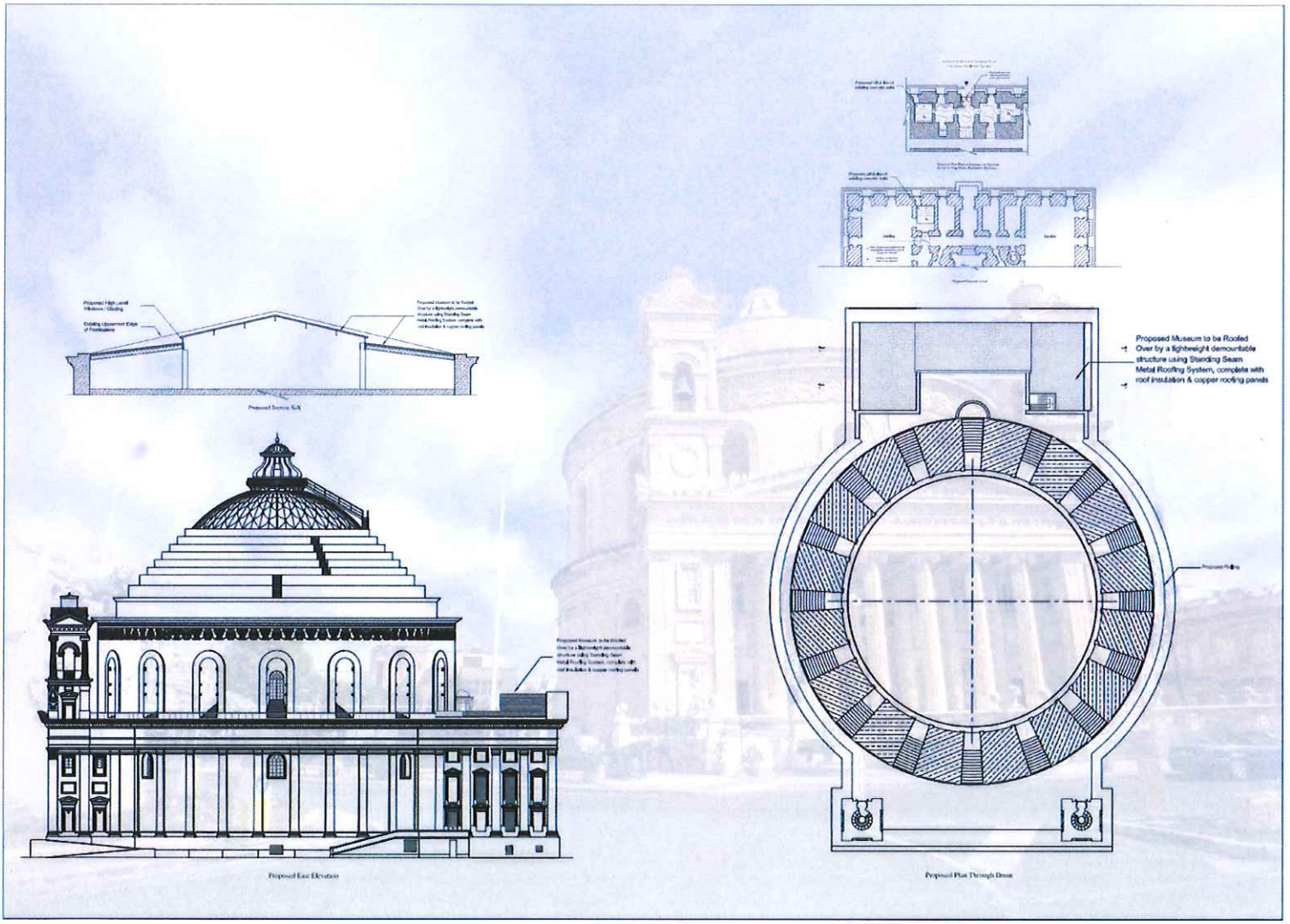
Most of the civil works within the existing blocks will start from ground floor. Support by scaffolding or Cup locks will be erected where required to insert structural beams and dismantling and re-construction of existing ceiling. False platforms will be prepared where required to eliminate any load from the ceiling / floor below as the present slabs are made of steel beams and stone slabs. When placing A/C beams extra care must be taken to eliminate load onto the floor and during lifting in each floor as well to lift in place. Lifting equipment such as chain blocks or light hydraulic lifter will be used to hoist the beam in place. During demolition of walls all material need to be carted away and lowered / hoisted on the ground immediately to eliminate any load from each level and carted away. Once works on the above level are ready same procedure will follow on the next lower floors.

Unreinforced concrete screed shall be placed using Concrete pumps or mobile crane from Ready Mixed Concrete delivered to site in the grades specified. Testing of concrete shall be carried out in accordance with the specifications. After screeding, the perimeter of the structure shall be set out to mark the extents of the ground.

MOSTA
BASILICA OF THE ASSUMPTION

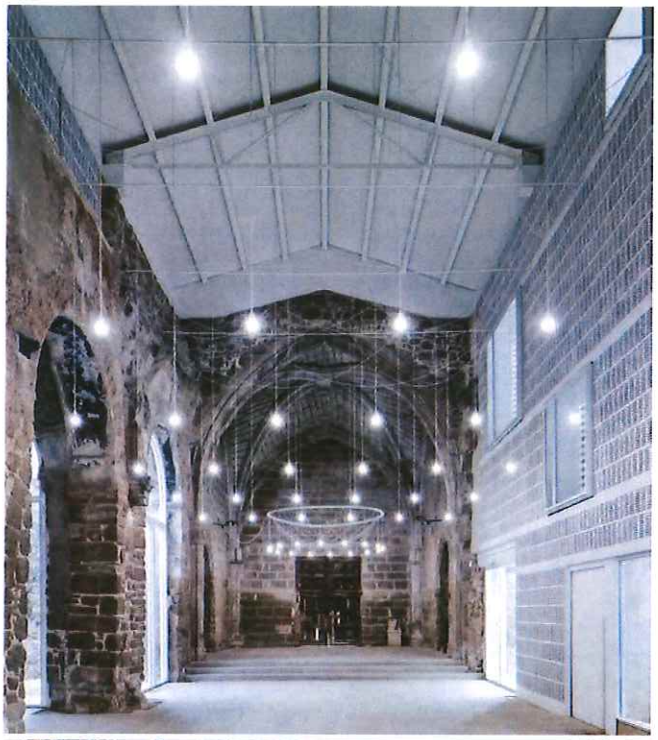
PARISH MUSEUM




Proposed Museum to be Roofed Over by a lightweight demountable structure using Standing Seam Metal Roofing System, complete with roof insulation & copper roofing panels
Proposed East Elevation
Proposed Plan Through Drum

WORKS TO BE CARRIED OUT:

- Demolition of staircase and construction of Lift (including supply and installation of Lift)
- Alterations to existing building for lift door openings
- Demolition and carting away of roof slab
- Removal of the existing pipework and installation of new insulated PVC pipework for sound insulation.
- Boxing the above mentioned PVC downpipe and horizontal pipe with a U-shaped bulkhead, having one boarding and infilled with rockwool, to further mitigate noise during rainfall.
- Supply, lay and torch-weld 4mm thick polyester-reinforced, bitumen based waterproofing membrane to the two terraces.
- Apply self-levelling screed to the existing surfaces (throughout the two terraces and the hall).
- Supply and install raised flooring system and 60x60 tiling.
- Lightweight Roof Structure – **More research to be carried out**
- Power Installation
- Lighting Installation
- Data Installation
- Cable Containment Installation
- Plumbing Installation
- Sewage and rainwater Installation
- HVAC System (dehumidification and environment monitoring systems)
- Fire Detection System
- Security and Access Control System
- CCTV System
- Fire Fighting System
- Fire Safety fire doors and fire-stopping
- Supply and installation of basic light fittings
- Aluminium screen, to cover the HVAC plant on the roof.
- Steel railing as per drawings provided (20mm x20mm solid SB and 50mmx25mm HS top)
- Hot dip galvanized hand-rail.
- Galvanised steel steps from the museum level to the roof.



MUSEUM REFERENCE IMAGES

ROOF STRUCTURE

COPPER ROOFING DETAILING SCHEMATIC

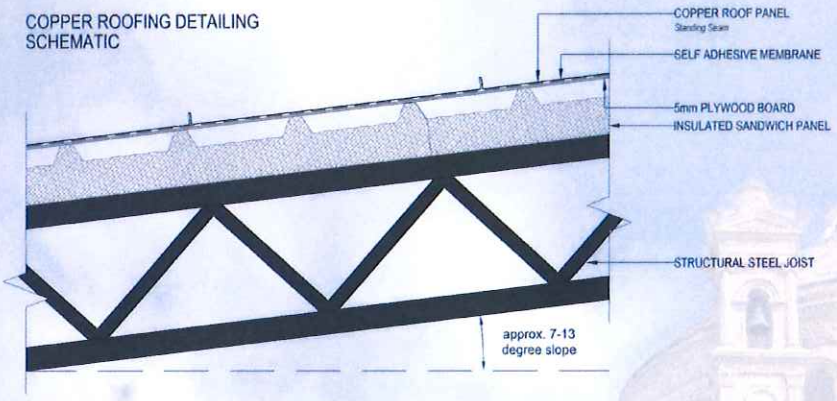


Figure 1 Standing Seam Type Panels

Figure 2 Clip Fixing Types

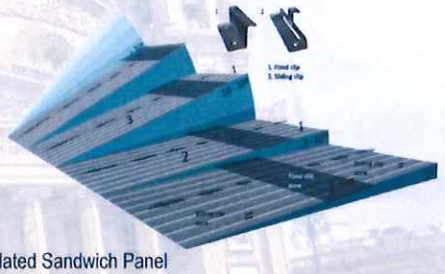
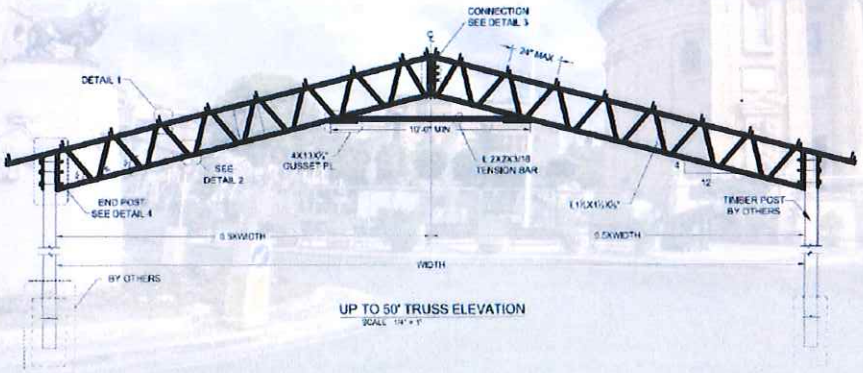
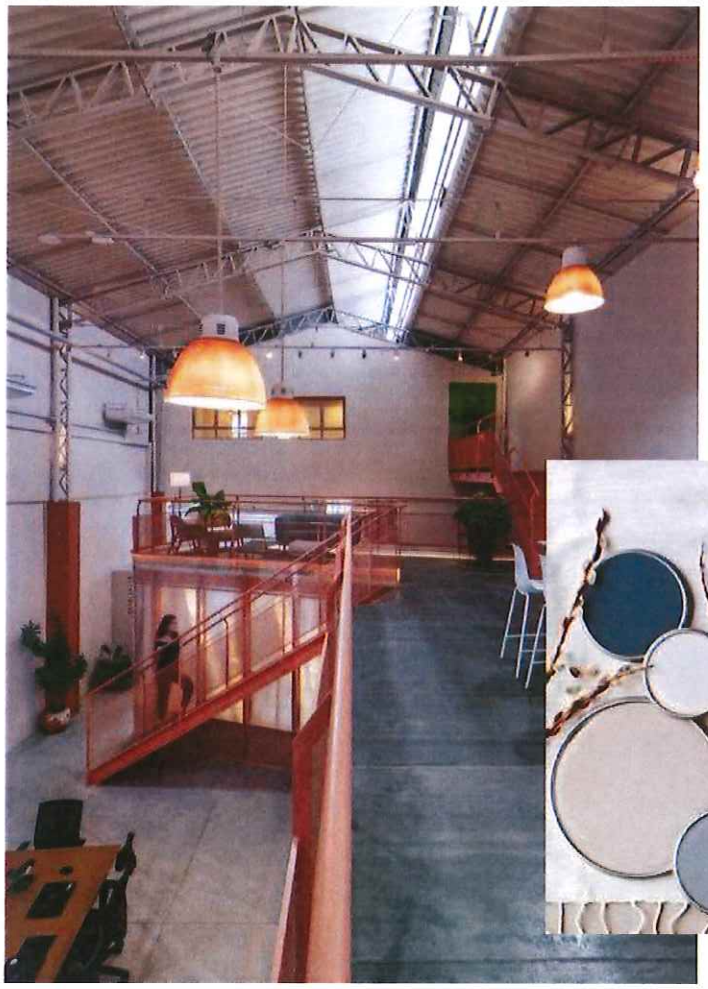


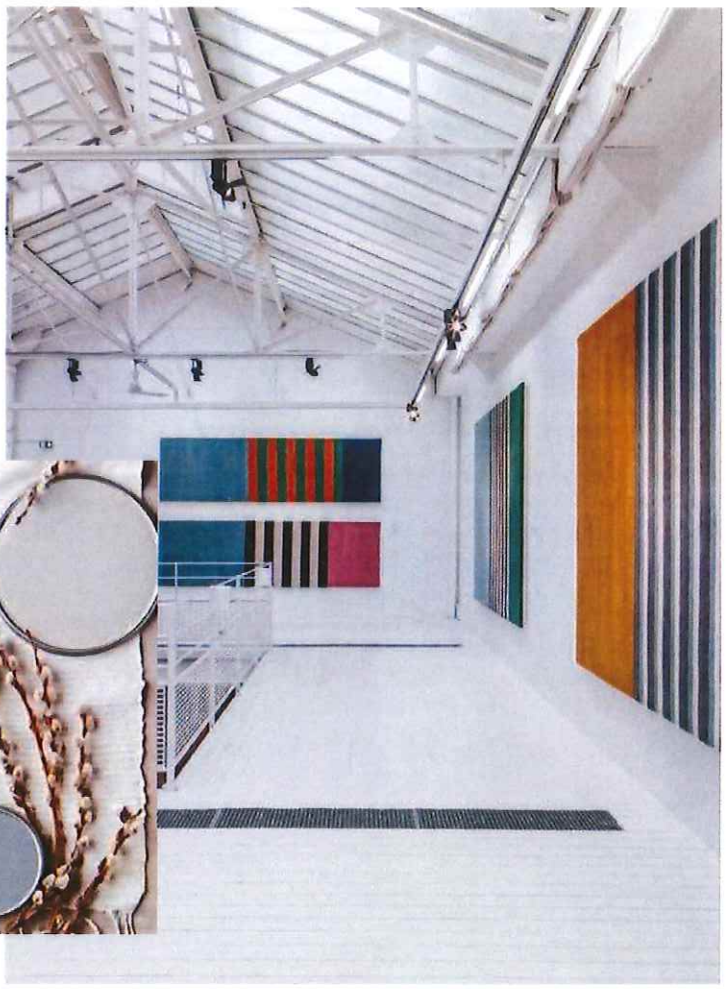
Figure 3 Insulated Sandwich Panel

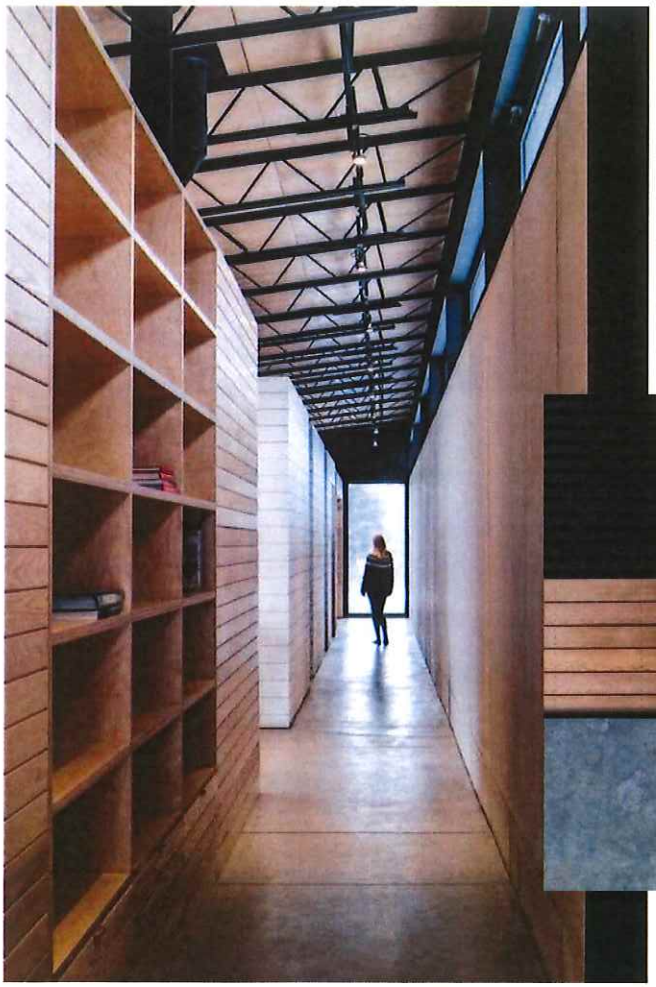


UP TO 50' TRUSS ELEVATION

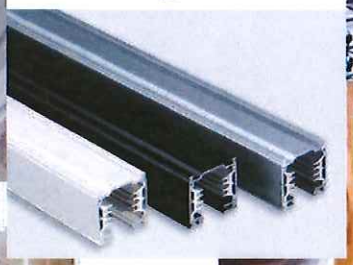
LIGHTWEIGHT ROOF STRUCTURE



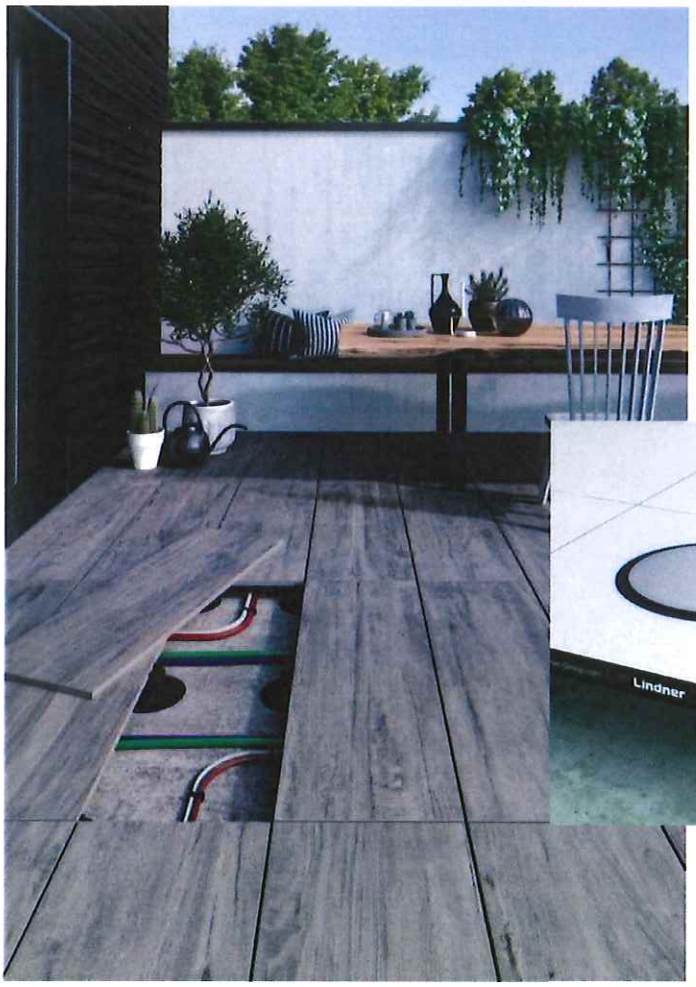




LIGHTING

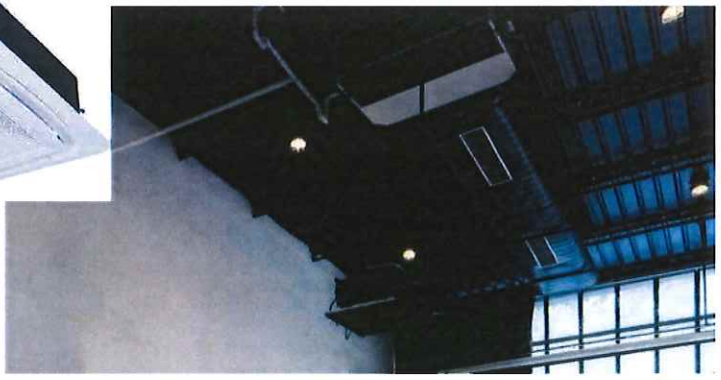


RAISED FLOORING SYSTEM

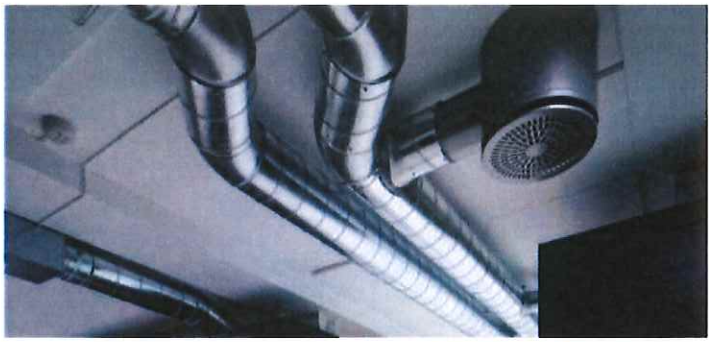


CABLE CONTAINMENT INSTALLATION

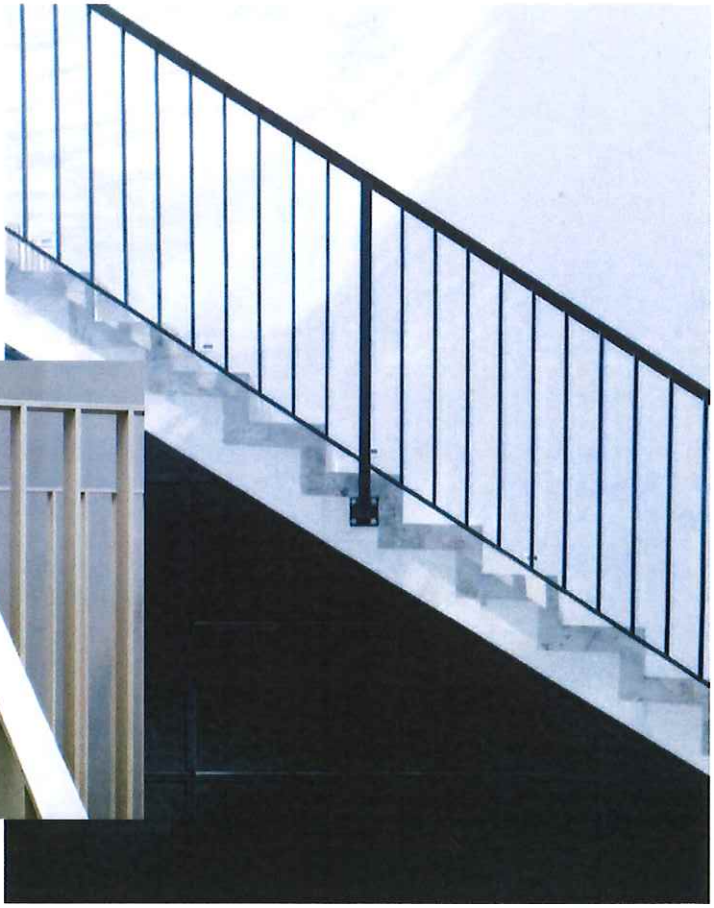
A/C SYSTEM



VENTILATION SYSTEM



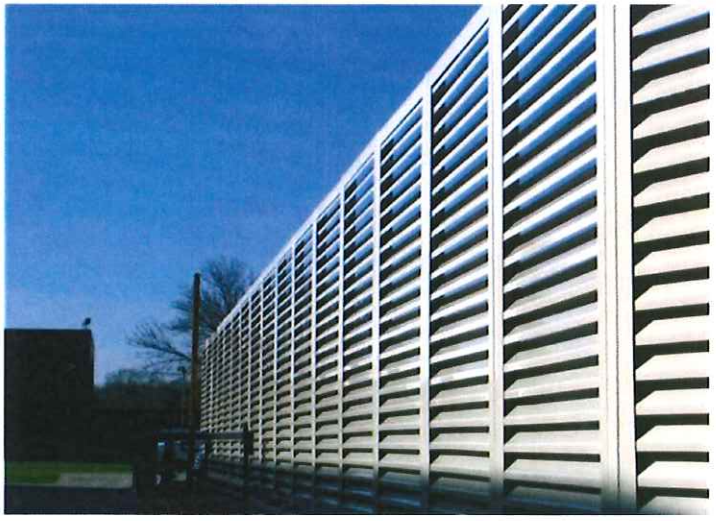
STEEL RAILING



OUTDOOR STAIRS

COPPER FINISHING

ALUMINIUM SCREEN



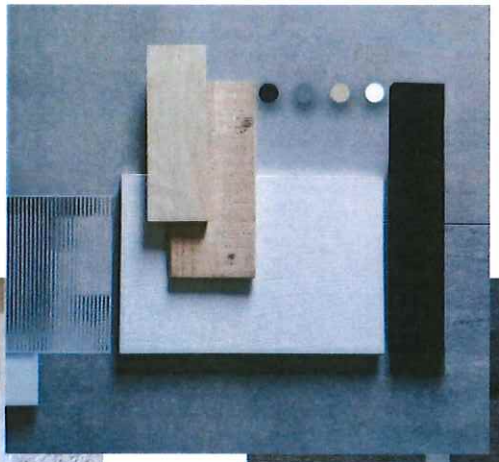
SYSTEMS


Heat Detector
LED Flasher
Smoke Detector
Alarm Bell
Main Fire Alarm Control Panel
Conventional Fire Alarm System


HIKVISION
PANTRY
5 m²
BATH
PORCH
7.5 m²
ENTRY

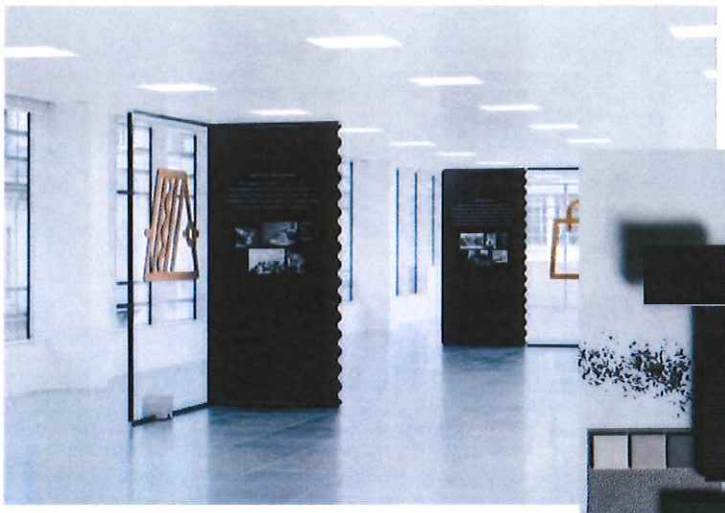
MUSEUM EXIBITIONS

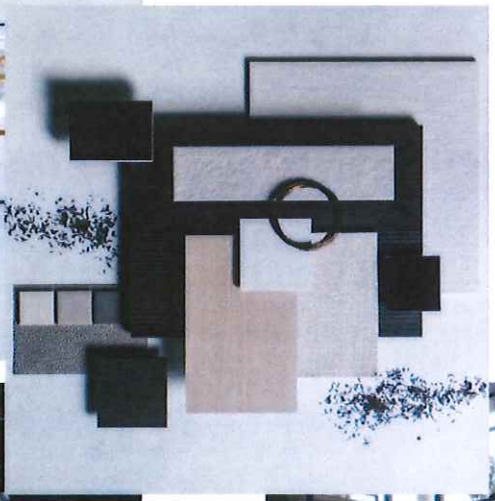
Movable floor mounted



MUSEUM EXIBITIONS

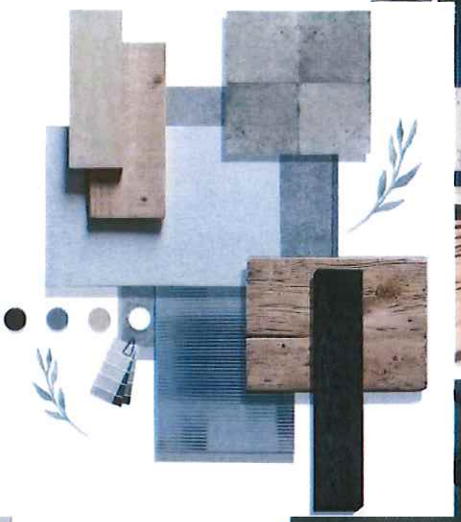
Movable floor mounted





MUSEUM EXIBITIONS

Suspended



Project Name: Alteration works and finishing to change a space into a Museum for Sacred Art and Objects, including installation of lift and sanitary facilities.

Client: Mosta Parish Church

					Estimate	
Item	**Description**	**Quantity**	**Tendered Qty**	**Unit**	**UNIT RATE excluding VAT**	**TOTAL AMOUNT excluding VAT**
1.00	**Bill No. 1 - Preliminaries**					
1.01	The scope of work of this tender is for the alteration works and finishing of the Mosta Basilica Museum.	0.00	0.00			
1.02	The tenderer has based the price for each individual item as per Bills of Quantities. Prices shall include Customs Duty, Levies, VAT, ECO Contribution (if applicable) and all other charges and taxes as applicable at the current period of the publication and closing date of tender.	0.00	0.00			
1.03	Unless otherwise stated hereunder, the cited rates are deemed to be inclusive of the supply of all materials described hereunder, other materials which may be accidentally necessary to the nature of the works, transport to site, hoisting to location and labour. Rates shall also include for any double handling of materials which may be required. Furthermore, rates shall allow for the cleaning of the site and surroundings, at all times, inclusive of carting away of debris on a daily basis. The rates shall also be inclusive of any dumping charges that Tenderer might be required to pay in order to dispose of any unwanted materials.	0.00	0.00			
1.04	Unless otherwise stated hereunder, the rates shall include for all preparatory work including erection and dismantling of scaffolding, temporary props, plant, machinery such as crainage and tools, both mechanical and manual, insurances, establishment fees, police permits, etc. Rates shall also allow for constant pumping of any water accumulated on site following rainfalls, collection and draining of such water as indicated by the architect in charge of works.	0.00	0.00			
1.05	Unless otherwise stated hereunder, the rates are to include any temporary works necessary to enable access to site and reinstatement of same. Rates shall also allow for furnishing, installing and maintaining suitable barriers and fences to protect the work, existing facilities and construction operations and to remove same when no longer required or on completion of works. Barriers and fences shall be structurally adequate for the required purpose and shall comply fully with local laws and regulations. Warning lights and signs shall be provided on fences and barriers all around the site of works.	0.00	0.00			
1.06	The tenderer shall make provisions for all necessary Security of the site, to guard all utilities, plants, equipment, material, etc delivered on site and to ensure that all barriers, light fixtures, signage, etc are in their proper place. The Tenderer shall also be responsible to guard all work carried out under this contract. Such provisions shall remain in operation until handing over of the works.	0.00	0.00			
1.07	Rates shall include for working beyond normal working hours and on weekends. Works may also be required to continue in all types of weather in so far as the works being carried out may, by their nature, require or permit for their proper execution. Due to noise arising from works being carried out, attention is being given to mitigate such noise, especially during mass hours.	0.00	0.00			
1.09	The cited quantities are to be considered as provisional and may be changed according to site requirements and conditions not at the control of the tenderer. All works carried out shall be measured in accordance with accepted measurement practice and as per HPMU standard measurement.	0.00	0.00			
1.10	The contractor shall ensure that site works are properly conducted so as to create the least possible obstruction to third parties and their activities. Care is to be taken during works to minimise disturbance to the neighbouring buildings and to protect existing services and finishes. Care shall also be taken to minimise disturbance to third party property (excessive, noise, dust etc.,).	0.00	0.00			
1.11	No equipment or other material shall be stored in areas which are a nuisance to adjacent residents or occupants to the building.	0.00	0.00			
1.12	For the purposes of this tender, the rates are deemed to allow:	0.00	0.00			
1.12.1	(a) for the supply of samples and technical literature as may be requested by the architect in charge of works.	0.00	0.00			
1.12.2	(b) for the carrying out of all the necessary testing of samples contained or implied for in the specifications.	0.00	0.00			
1.12.3	(c) for the preparation of a programme of works, including updates as directed by the architect in charge of works.	0.00	0.00			
1.12.4	d) Adhereance to the Construction Management Plan/ Method Statement as approved by the architect in charge (engaged by the client).	0.00	0.00			
1.12.5	e) Provide personal protective equipment (PPE) to all workmen on site. Particular attention is to be given to provision of safety harnesses to workers working at heights.	0.00	0.00			
1.12.6	f) Keep the site clear and free from accumulated debris and waste at all times.	0.00	0.00			
	Subtotal BILL 1 Carried Forward to Summary of Bills					

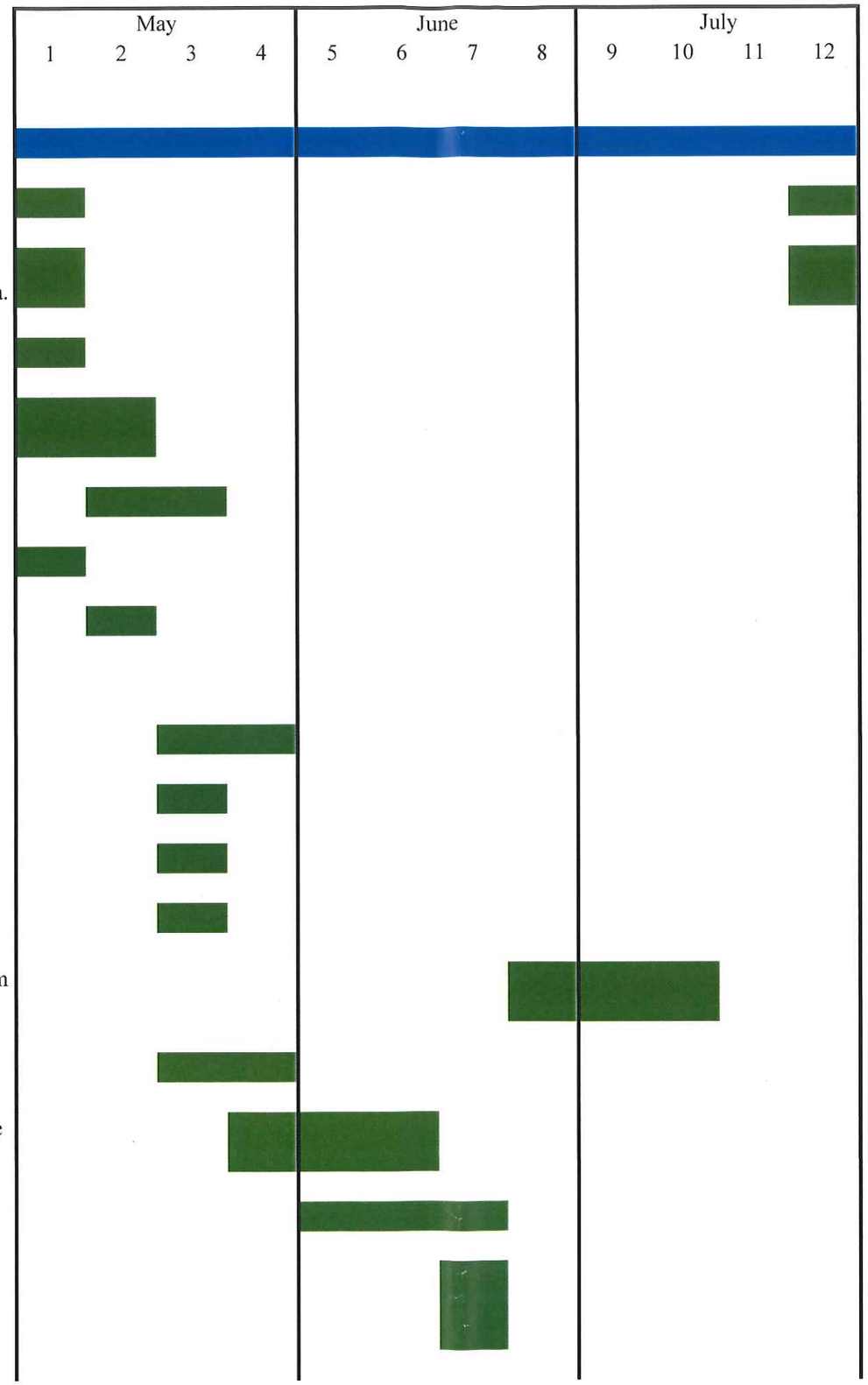
2.00	**Bill No. 2 - Preparatory Works**					
2.01	Provision and maintenance of temporary toilet facilities for the workmen working on site for the duration of the contract.	0.00	1.00	sum	€ 744.00	€ 744.00
2.02	Allow for the necessary permits and logistics to close adjacent roads, for hoisting material, without hindering the parish's operation.	0.00	1.00	sum	€ 1,500.00	€ 1,500.00
2.03	Dito. But allow for heavy plant to hoist material on site, using a tower crane	0.00	1.00	sum	€ 28,000.00	€ 28,000.00
2.04	Removal of two wooden doors and architraves, from the sacristy to the staircase and corridor, store them in a separate area, and re-install after works are complete.	0.00	2.00	no	€ 150.00	€ 300.00
2.05	Removal of two wooden doors and architraves, from the existing entrance to the museum at Triq Bartilmew Bezzina, store them in a separate area, and re-install after works are complete.	0.00	2.00	no	€ 150.00	€ 300.00
2.06	Construct numerious temporary hoardings comprising of a single structured gypsum partition, with rockwool in between, to mitigate noise, vibrations and dust. This is also done to eliminate trespassers to unauthorised areas which lie beyond the scope of works of the process. Workers will have access through the existing door at Triq Bartilmew Bezzina and the roof level through a temporary hinged door in front of the existing staircase.	0.00	6.00	no	€ 250.00	€ 1,500.00
2.07	Erect and dismantle, for the whole duration of the works, a working platform to support the removal of the existing concrete structure (T-beams and hollow concrete blocks). The rate includes for working in double heights and giving careful attention to the existing building envelope.	0.00	1.00	sum	€ 5,120.00	€ 5,120.00
2.08	Erect and keep for the whole duration of the works, temporary access to the level above, instead of the existing concrete staircase upon dismantling. Rate includes the dismantling of such access upon completion of the works.	0.00	1.00	sum	€ 7,200.00	€ 7,200.00
2.09	Allow for the protection of the existing marble flooring in the existing sacristy and adjoining corridor, by laying plywood.	0.00	1.00	sum	€ 640.00	€ 640.00
2.10	Gutting out of the existing WC, including all sanitary ware and fixtures, located at level with Triq Bartilmew Bezzina.	0.00	2.00	no	€ 1,026.67	€ 2,053.33
2.11	Gutting out of the existing WC, including all sanitary ware and fixtures, located at level with the existing sacristy, adjacent to the concrete staircase.	0.00	1.00	no	€ 1,026.67	€ 1,026.67
	Subtotal BILL 2 Carried Forward to Summary of Bills					**€ 32,344.00**
3.00	**Bill No. 3 - Works to be carried out at level with Triq Bartilmew Bezzina**					
3.01	Careful dismantling of the existing concrete staircase from top to bottom. Rate is inclusive of the removal of handrail, erecting temporary work platforms to support underlying levels from debris, frequent dumping via wheel barrows, (due to confined spaces) in an externally kept skip, and carting away debris and loose material in an authorised dump site. Upon completion, the contractor shall infill the ingall created by the staircase, and made plumb.	0.00	1.00	sum	€ 5,400.00	€ 5,400.00
3.02	Careful dismantling of a 1m masonry wall in the existing store. Rate is also inclusive of making good to sides.	0.00	1.00	sum	€ 400.00	€ 400.00
3.03	Construct a wall to form a WC, using 150mm thick blockwork, infilled with concrete infill till the first 4 courses.		1.00	sum	€ 400.00	€ 400.00
3.04	Careful removal of the existing tiling and sub-strate material, up to a maximum depth of 100mm. Rate is inclusive of frequent dumping via wheel barrows, (due to confined spaces) in an externally kept skip, and carting away tiles and loose material in an authorised dump site.	0.00	1.00	sum	€ 4,000.00	€ 4,000.00
3.05	Sanding all surfaces to remove existing paint. Render surface of walls and ceiling, internally using 2 coats of gypsum bare mix and 2 coats of very fine gypsum mix including all necessary formwork and aluminium corner beads. Complete with 2 coats of paint.	0.00	1.00	sum	€ 5,225.00	€ 5,225.00
3.06	Supply and fix all plumbing works pertaining to the three newly build bathrooms. (Rate includes connecting the newly laid plumbing to existing connections).	0.00	3.00	no	€ 900.00	€ 2,700.00
3.07	Supply and lay new torba to make up levels. Rate inclusive of double handling of material. Supply and lay travertine tiles in the common areas.	0.00	1.00	sum	€ 10,237.50	€ 10,237.50
3.08	Supply and lay 60x30 floor and wall tiles to the three newly built bathrooms.	0.00	3.00	no	€ 834.42	€ 2,503.25
3.09	Supply and fix sanitary ware for two bathrooms and an access for all bathroom, complete with all the necessary fittings and accessories (Water closet, sink, toilet paper basket, toilet paper holder, and towel holder).	0.00	1.00	sum	€ 3,510.00	€ 3,510.00
3.10	Supply and install four laminated timber doors.	0.00	4.00	no	€ 450.00	€ 1,800.00
	Subtotal BILL 3 Carried Forward to Summary of Bills					**€ 36,175.75**

4.00	**Bill No. 4 - Works to be carried out at level with Sacristy**					
4.01	Careful dismantling of a 2m masonry wall, adjacent to the existing staircase (which shall be dismantled in this scope of works). Rate is also inclusive of making good to sides, and taking out debris, in wheel barrows, to the skip located externally.	0.00	1.00	sum	€ 400.00	€ 400.00
4.02	Careful dismantling of a 1m masonry wall, to create a door, between the WC and the corridor. Rate is inclusive of the insertion of a stone lintel, making good to sides, and taking out debris, in wheel barrows, to the skip located externally. Rate is inclusive for working in double skins.	0.00	1.00	sum	€ 400.00	€ 400.00
	Subtotal BILL 4 Carried Forward to Summary of Bills					**€ 800.00**
5.00	**Bill No. 5 - Works to be carried out at level with Museum/ Roof**					
5.01	Careful dismantling of a part of wall, having an approximate 1m in length, to widen the existing opening. Rate is inclusive of supporting the existing structure, breaking the existing concrete beams, inserting an IPN beam (assumed to be IPN 220 - but to be confirmed by the AiC in charge during the works), and infilling the door jambs as necessary, to a plumb finish.	0.00	1.00	sum	€ 2,942.00	€ 2,942.00
5.02	Careful dismantling of a part of wall, having an approximate 1m in length, to widen the existing opening. Rate is inclusive of supporting the existing structure, breaking the existing concrete beams, inserting an IPN beam (assumed to be IPN 220 - but to be confirmed by the AiC in charge during the works), and infilling the door jambs as necessary, to a plumb finish.	0.00	1.00	sum	€ 2,942.00	€ 2,942.00
5.03	Removal of the existing pvc downpipe from the level above, and replace with a new pvc pipe, dia. 150mm. Works are to include the new installation of another PVC pipe from the downpipe, to divert rainwater across the existing terrace and connecting same with the existing downpipe to lower levels.	0.00	1.00	sum	€ 820.00	€ 820.00
5.03.1	Boxing the above mentioned pvc downpipe and horizontal pipe with a U-shaped bulkhead, having one boarding and infilled with rockwool, to further mitigate noise during rainfall.	0.00	1.00	sum	€ 1,480.00	€ 1,480.00
5.04	Removal of the existing pvc downpipe from other levels, and replace with a new pvc pipe, dia. 150mm. Works are to include the new installation of another PVC pipe from the downpipe, to divert rainwater across the existing terrace and connecting same with the existing downpipe to lower levels.	0.00	1.00	sum	€ 820.00	€ 820.00
5.04.1	Boxing the above mentioned pvc downpipe and horizontal pipe with a U-shaped bulkhead, having one boarding and infilled with rockwool, to further mitigate noise during rainfall.	0.00	1.00	sum	€ 1,480.00	€ 1,480.00
5.05	Supply, lay and torch-weld approved 4mm thick polyester-reinforced, bitumen based waterproofing membrane to the two terraces, laid horizontally/vertically. Rate is to include for 2 in no. coats of water-based primer.	0.00	2.00	sides	€ 1,200.00	€ 2,400.00
5.06	Create a concrete step between the existing room (opposite the existing concrete staircase) to the hall.	0.00	1.00	sum	€ 50.00	€ 50.00
5.07	Careful removal of existing concrete structure, having T-beams and hollow concrete blockwork. This is to be carried out manually, using jigger. Work is also inclusive of removing frequent dumping by hand, (due to confined spaces) in an externally kept skip, and carting away debris and loose material in an authorised dump site. Upon completion, the contractor shall infill the ingall created by the structural ceiling, and made plumb.	0.00	1.00	sum	€ 5,200.00	€ 5,200.00
5.08	Form a concrete suletta along the whole lengths of the two existing walls in the hall, to support the newly installed lightweight ceiling. Suletta is to include for reinforcement.	0.00	2.00	no	€ 179.40	€ 358.80
5.09	Apply self-levelling screed to the existing surfaces (throughout the two terraces and the hall), prior to the placement of the raised flooring structure.	0.00	1.00	sum	€ 3,080.00	€ 3,080.00
5.10	Supply and install raised flooring system, complete with heavy-duty tiles, fittings, etc. for a complete installation.	0.00	1.00	s.m	€ 110,000.00	€ 110,000.00
5.11	Render surface of walls internally using 2 coats of gypsum bare mix and 2 coats of very fine gypsum mix including aluminium corner beads. Rate is inclusive of carrying out works to plumb existing surfaces, if necessary. Rate is also inclusive of filling cracks in stone masonry (where necessary).	0.00	1.00	sum	€ 4,665.00	€ 4,665.00
5.12	Application of internal white paint (2 coats) to walls and ceilings.	0.00	1.00	sum	€ 1,725.00	€ 1,725.00
5.13	Application of internal light paint (3 coats) to walls and ceilings.	0.00	1.00	sum	€ 2,070.00	€ 2,070.00
5.14	Take up 1 course of soft stone (inner skin) to form pockets in the existing wall. Rate includes the assembly of a working platform, lower material in small amounts, carting away in the skips provided at ground level, and dumping material in an authorised site.		20.00	no	€ 140.00	€ 2,800.00
5.15	Supply and lay grade C30 concrete to form padstones within the new pockets finsihed smooth ready to receive steel joists. Rate is inclusive of assembling the platform and double handling of material.		20.00	no	€ 115.00	€ 2,300.00
	Subtotal BILL 5 Carried Forward to Summary of Bills					**€ 145,132.80**

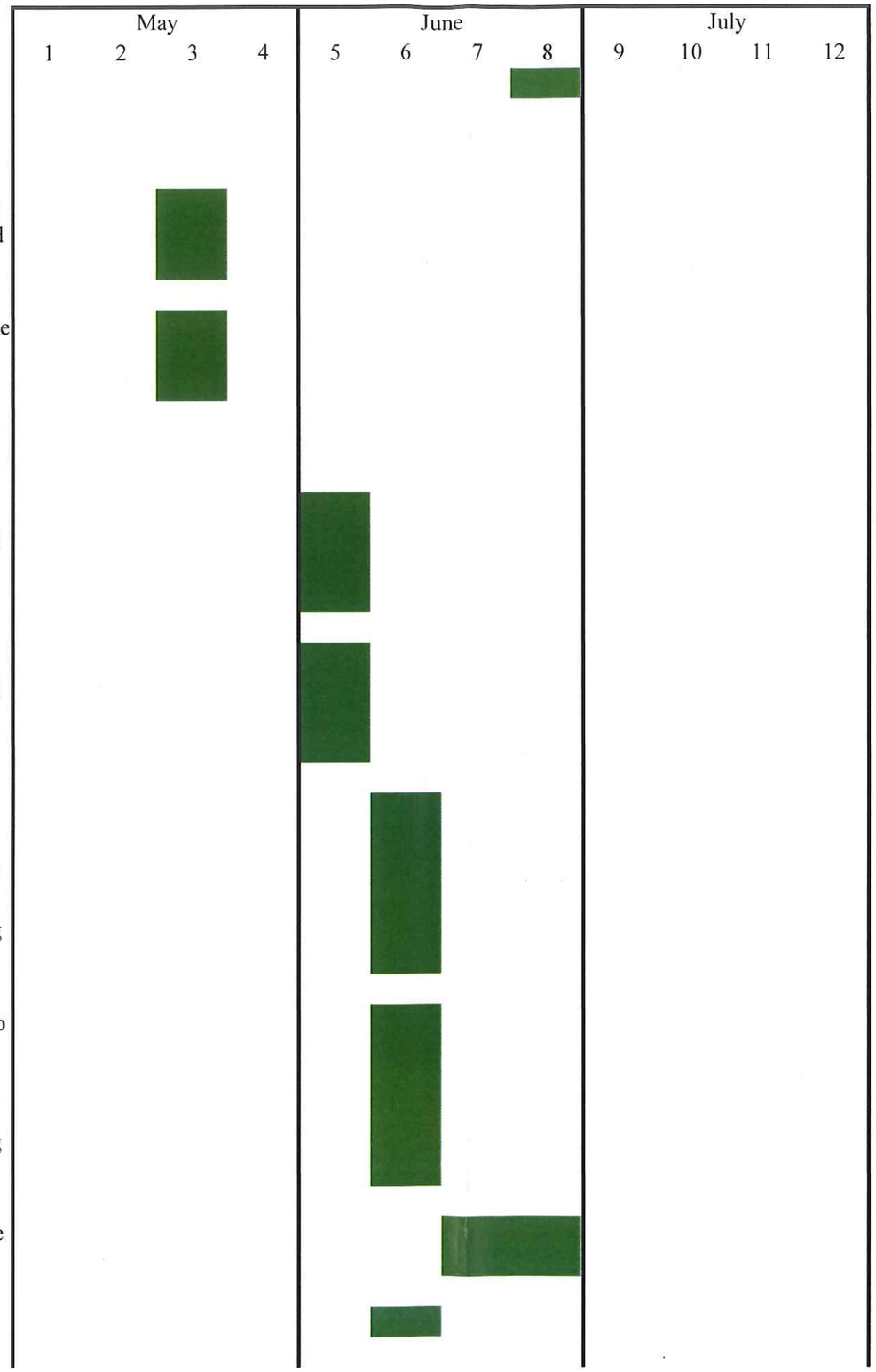
	Bill No. 6 - Lightweight Roof Structure					
6.03	Lump sum amount for the supply, manufacturing and installation of a light weight canopy, as indicated in the proposal appendix, and installed as suggested in the Architect's provided drawings and details.	0.00				
6.03.1	Supply, fabricate and install Open Web Steel Joists ASD K-Series for a span of 7m, 356mm deep		21.00	tonnes	€ 4,500.00	€ 94,500.00
6.03.2	Application of 60 minutes fire resistant intumiscent paint to coat all steel members		21.00	tonnes	€ 825.00	€ 17,325.00
6.03.3	Supply and install composite steel insulated sandwich panels, 120mm thick placed and tied above Open Web Steel Joists to form new roof over the museum		210.40	sm	€ 112.00	€ 23,564.80
6.03.4	Supply and apply a 3mm self adhesive membrane atop sandwich panels to act as a waterproofer		210.40	sm	€ 17.00	€ 3,576.80
6.03.5	Supply, fabricate, deliver and install copper standing seam roofing panels, complete with		210.40	sm	€ 400.00	€ 84,160.00
6.03.6	Supply and install Aluminium frame double glazed apertures for windows at Museum level		1.00	sum	€ 50,000.00	€ 50,000.00
	Subtotal BILL 6 Carried Forward to Summary of Bills					**€ 273,126.60**
7.00	**Bill No. 7 - Mechanical and Electrical Plant**					
7.01	Lump sum amount for the supply and installation of a panoramic passenger lift, as per provided specifications and data sheets, including a steel structure, bolted to the existing masonry.	0.00	1.00	sum	€ 60,000.00	€ 60,000.00
7.02	Lump sum amount for the supply and installation of all M&E systems, as provided in the proposal appendix, including all necessary fittings, accessories, etc. for a complete installation.					
7.02.1	Power Installation	0.00	1.00	sum	€ 41,218.40	€ 41,218.40
7.02.2	Lighting Installation		1.00	sum	€ 7,228.60	€ 7,228.60
7.02.3	Data Installation		1.00	sum	€ 7,382.40	€ 7,382.40
7.02.4	Cable Containment Installation		1.00	sum	€ 3,537.40	€ 3,537.40
7.02.5	Plumbing Installation		1.00	sum	€ 4,921.60	€ 4,921.60
7.02.6	Sewage and rainwater Installation		1.00	sum	€ 2,153.20	€ 2,153.20
7.02.7	HVAC System (dehumidification and environment monitoring systems)		1.00	sum	€ 117,657.00	€ 117,657.00
7.02.8	Fire Detection System		1.00	sum	€ 5,075.40	€ 5,075.40
7.02.9	Security and Access Control System		1.00	sum	€ 35,681.60	€ 35,681.60
7.02.10	CCTV System		1.00	sum	€ 5,075.40	€ 5,075.40
7.02.11	Fire Fighting System		1.00	sum	€ 2,768.40	€ 2,768.40
7.02.12	Fire Safety fire doors and fire-stopping		1.00	sum	€ 30,760.00	€ 30,760.00
7.02.13	Supply and installation of basic light fittings		1.00	sum	€ 16,610.40	€ 16,610.40
	Subtotal BILL 7 Carried Forward to Summary of Bills					**€ 340,069.80**
8.00	**Bill No. 8 - Miscellanous Works to be carried out at different levels**					
8.01	Lump sum amount for the supply and installation of an aluminium screen, to cover the HVAC plant on the roof.	0.00	1.00	sum	€ 6,300.00	€ 6,300.00
8.02	Lump sum amount for steel works as indicated below:	0.00				
8.02.1	Steel railing as per drawing provided, made up of 20mm x20mm solid SB and 50mmx25mm HS top hand rail. Rate inclusive of hot dip galvanising and all the necessary fittings and fixings.		1.00	sum	€ 22,416.35	€ 22,416.35
8.02.2	Galvanised steel steps from the museum level to the roof, as shown on the submitted plans, made up of 10mmx150mm stringers, 900mmx275mm galvanised steel grating threads and walk-on galvanised steel floor grating for quarter landings.		1.00	sum	€ 14,611.00	€ 14,611.00
8.02.3	Reception counter in light walnut veneer, finished in clear semi-matte laquer, being 2m in length and 0.8m in width. Reception counter is to follow ADG2011 requirements. Sum also includes two lockable drawers.		1.00	sum	€ 4,460.20	€ 4,460.20
	Subtotal BILL 8 Carried Forward to Summary of Bills					**€ 47,787.55**

	SUMMARY OF BILLS						
	Bill No. 1 - Preliminaries					€	-
	Bill No. 2 - Preparatory Works					€	32,344.00
	Bill No. 3 - Works to be carried out at level with Triq Bartilmew Bezzina					€	36,175.75
	Bill No. 4 - Works to be carried out at level with Sacristy					€	800.00
	Bill No. 5 - Works to be carried out at level with Museum/ Roof					€	145,132.80
	Bill No. 6 - Lightweight Roof Structure					€	273,126.60
	Bill No. 7 - Mechanical and Electrical Plant					€	340,069.80
	Bill No. 8 - Miscellanous Works to be carried out at different levels					€	47,787.55
	Bill No. 9 - Provision of Project Management throughout the project life-cycle					€	13,112.00
	Bill No. 10 - Provision of designs (preliminary, concept and details), service reports, certification, commissioning, testing and handing over.					€	50,000.00
	SUB-TOTAL including any discounts and other taxes/charges but excluding VAT (Delivery Duty Paid - DDP).					**€**	**938,548.50**
	VAT					**€**	**168,938.73**
	SUB-TOTAL including VAT					**€**	**1,107,487.23**

Item	Description
2.00	**Bill No. 2 - Preparatory Works**
2.01	Provision and maintenance of temporary toilet facilities for the duration of the contract.
2.02	Removal of two wooden doors and architraves, from the sacristy to the staircase and corridor.
2.03	Removal of two wooden doors and architraves, from the existing entrance to the museum at Triq Bartilmew Bezzina.
2.04	Construct temporary hoardings.
2.05	Erect and dismantle, for the whole duration of the works, a working platform to support the removal of the existing concrete structure.
2.06	Erect temporary access to the level above, instead of the existing concrete staircase upon dismantling.
2.07	Lay plywood for the protection of the existing marble flooring in the existing sacristy and adjoining corridor.
2.08	Gutting out of the existing WC, including all sanitary ware and fixtures.
3.00	**Works to be carried out at level with Triq Bartilmew Bezzina**
3.01	Careful dismantling of the existing concrete staircase from top to bottom.
3.02	Careful dismantling of a 1m masonry wall in the existing store.
3.03	Construct a wall to form a WC.
3.04	Careful removal of the existing tiling and sub-strate material.
3.05	Sanding all surfaces to remove existing paint. Render surface of walls and ceiling, internally using 2 coats of gypsum bare mix and 2 coats of very fine gypsum mix. Complete with 2 coats of paint.
3.06	Supply and fix all plumbing works pertaining to the three newly build bathrooms.
3.07	Supply and lay new torba to make up levels. Rate inclusive of double handling of material. Supply and lay travertine tiles in the common areas.
3.08	Supply and lay 60x30 floor and wall tiles to the three newly built bathrooms.
3.09	Supply and fix sanitary ware for two bathrooms and an access for all bathroom, complete with all the necessary fittings and accessories (Water closet, sink, toilet paper basket, toilet paper holder, and towel holder).



Item	Description
3.10	Supply and install four laminated timber doors.
4.00	**Works to be carried out at level with Sacristy**
4.01	Careful dismantling of a 2m masonry wall, adjacent to the existing staircase (which shall be dismantled in this scope of works). Rate is also inclusive of making good to sides, and taking out debris, in wheel barrows, to the skip located externally.
4.02	Careful dismantling of a 1m masonry wall, to create a door, between the WC and the corridor. Rate is inclusive of the insertion of a stone lintel, making good to sides, and taking out debris, in wheel barrows, to the skip located externally. Rate is inclusive for working in double skins.
5.00	**Works to be carried out at level with Museum/ Roof**
5.01	Careful dismantling of a part of wall, having an approximate 1m in length, to widen the existing opening. Rate is inclusive of supporting the existing structure, breaking the existing concrete beams, inserting an IPN beam (assumed to be IPN 220 - but to be confirmed by the AiC in charge during the works), and infilling the door jambs as necessary, to a plumb finish.
5.02	Careful dismantling of a part of wall, having an approximate 1m in length, to widen the existing opening. Rate is inclusive of supporting the existing structure, breaking the existing concrete beams, inserting an IPN beam (assumed to be IPN 220 - but to be confirmed by the AiC in charge during the works), and infilling the door jambs as necessary, to a plumb finish.
5.03	Removal of the existing pvc downpipe from the level above, and replace with a new pvc pipe, dia. 150mm. Works are to include the new installation of another PVC pipe from the downpipe, to divert rainwater across the existing terrace and connecting same with the existing downpipe to lower levels. Rate is inclusive of lagging the pipework to mitigate noise during rain.
5.03.1	Boxing the above mentioned pvc downpipe and horizontal pipe with a U-shaped bulkhead, having one boarding and infilled with rockwool, to further mitigate noise during rainfall.
5.04	Removal of the existing pvc downpipe from other levels, and replace with a new pvc pipe, dia. 150mm. Works are to include the new installation of another PVC pipe from the downpipe, to divert rainwater across the existing terrace and connecting same with the existing downpipe to lower levels. Rate is inclusive of lagging the pipework to mitigate noise during rain.
5.04.1	Boxing the above mentioned pvc downpipe and horizontal pipe with a U-shaped bulkhead, having one boarding and infilled with rockwool, to further mitigate noise during rainfall.
5.05	Supply, lay and torch-weld approved 4mm thick polyester-reinforced, bitumen based waterproofing membrane to the two terraces, laid horizontally/vertically. Rate is to include for 2 in no. coats of water-based primer.
5.06	Create a concrete step between the existing room (opposite the existing concrete staircase) to the hall.



Item	Description
5.07	Careful removal of existing concrete structure, having T-beams and hollow concrete blockwork. This is to be carried out manually, using jigger. Work is also inclusive of removing frequent dumping by hand, (due to confined spaces) in an externally kept skip, and carting away debris and loose material in an authorised dump site. Upon completion, the contractor shall infill the ingall created by the structural ceiling, and made plumb.
5.08	Form a concrete suletta along the whole lengths of the two existing walls in the hall, to support the newly installed lightweight ceiling. Suletta is to include for reinforcement.
5.09	Apply self-levelling screed to the existing surfaces (throughout the two terraces and the hall), prior to the placement of the raised flooring structure.
5.10	Supply and install raised flooring system, complete with heavy-duty tiles, fittings, etc. for a complete installation.
5.11	Render surface of walls internally using 2 coats of gypsum bare mix and 2 coats of very fine gypsum mix including aluminium corner beads. Rate is inclusive of carrying out works to plumb existing surfaces, if necessary. Rate is also inclusive of filling cracks in stone masonry (where necessary).
5.12	Application of internal white paint (2 coats) to walls and ceilings.
5.13	Application of internal light paint (3 coats) to walls and ceilings.
6.00	**Miscellanous Works to be carried out at different levels**
6.01	Lump sum amount for the supply and installation of a panoramic passenger lift, as per provided specifications and data sheets, including a steel structure, bolted to the existing masonry.
6.02	Lump sum amount for the supply and installation of all M&E systems, as provided in the proposal appendix, including all necessary fittings, accessories, etc. for a complete installation.
6.03	Lump sum amount for the supply, manufacturing and installation of a light weight canopy, as indicated in the proposal appendix, and installed as suggested in the Architect's provided drawings and details.
6.04	Lump sum amount for the supply and installation of an aluminium screen, to cover the HVAC plant on the roof.
6.05	Lump sum amount for steel works as indicated below:
6.05.1	Steel railing as per drawing provided, made up of 20mm x20mm solid SB and 50mmx25mm HS top hand rail. Rate inclusive of hot dip galvanising and all the necessary fittings and fixings.
6.05.2	Galvanised steel steps from the museum level to the roof, as shown on the submitted plans, made up of 10mmx150mm stringers, 900mmx275mm galvanised steel grating threads and walk-on galvanised steel floor grating for quarter landings.
6.05.3	Reception counter in light walnut veneer, finished in clear semi-matte laquer, being 2m in length and 0.8m in width. Reception counter is to follow ADG2011 requirements. Sum also includes two lockable drawers.