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Grenfell Tower Inquiry

Day 3

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1 1 Wednesday, 29 January 2020 light of what's said on that application, on all sides, 2 2 (10.00 am) I will decide what action I should take in the interests 3 3 SIR MARTIN MOORE-BICK: Good morning, everybody. Welcome to of the Inquiry, because that of course is the overriding 4 4 today's hearing, at which we're going to hear further consideration. 5 opening statements from various core participants. 5 Now, this information has come, I think, to you, as 6 6 Before we do that, however, I need to mention to me, as something of a surprise. I suspect that you 7 7 something that's come up which will require an amendment find it a little difficult to understand exactly what 8 8 to the timetable for tomorrow. the import is of what I have just told you, so I'm going 9 Very recently I have been advised that, when they 9 to rise now for a little while to give your lawyers the 10 10 are called to give evidence, which of course will start opportunity to talk to you about this, and to get some 11 11 next week, many of the witnesses who were involved in preliminary reactions. They don't have to be final 12 12 the design and choice of materials are likely to claim reactions because, as I said, I'm going to hear this 13 13 privilege against self-incrimination as a reason for not application tomorrow afternoon, probably about the 14 14 middle of the afternoon. So there is quite a bit of answering questions. 15 15 time still to consider what to do. But I'm going to Now, privilege against self-incrimination is a rule 16 16 of law that protects a person from being required to rise now and I'll sit again at 11 o'clock, and in the 17 17 answer questions if to do so truthfully might expose him meantime you can have a chance to talk to those who 18 18 or her to a risk of prosecution. It's a very broad represent you to get some further information. 19 19 principle, and will extend to any answers which might All right. I'm sorry about that, but that means 20 assist in or lead to a prosecution. 20 that we're going to put back the first of the opening 2.1 This development has caused me a little surprise, 21 statements until 11 o'clock. Mr Spafford, I'm sorry, 22 because hitherto there has been the fullest co-operation 22 that means you are going to have to wait a bit. All 2.3 with the Inquiry, both in the form of giving written 23 24 24 statements and in the provision of documents, and no one Thank you very much, 11 o'clock, please. 25 25 so far has sought to avoid doing that or to answer any (10.05 am) 3 1 of our questions on those grounds. 1 (A short break) 2. At all events, an application was made last night by 2 (11.00 am) 3 a number of counsel for various core participants, 3 (Proceedings delayed) 4 4 including, amongst others, Harley, certain employees or (11.15 am) 5 ex-employees of Rydon, and the TMO, as well as some 5 SIR MARTIN MOORE-BICK: Right. Now, Mr Mansfield, 6 6 I understand that you would like to address me at some 7 7 What they are asking me to do is to apply to the point today on the matter which has been occupying us so 8 8 Attorney General, for an undertaking that nothing said far. I'm very happy to hear you, but I'd rather do it, 9 9 by a witness in answers to questions in the Inquiry will if you don't mind, when we have finished today's group 10 be used in furtherance of a prosecution against them, 10 of opening statements. 11 thereby giving them complete freedom to tell the truth 11 MR MANSFIELD: Yes, absolutely. 12 without any concern for the future. 12 SIR MARTIN MOORE-BICK: So the middle of the afternoon or 13 Now, in view of the urgency of this matter, because 13 whenever we get to that point. Is that all right? 14 of course Studio E are scheduled to start giving MR MANSFIELD: It is, thank you. 14 15 SIR MARTIN MOORE-BICK: Thank you very much. evidence on Monday next week, I have directed that this 15 16 application be heard tomorrow afternoon, after we have 16 So I will ask Mr Spafford, then, to come and make 17 completed the opening statements. That may lead to the 17 an opening statement on behalf of Artelia. 18 afternoon being slightly prolonged. If that's the case, 18 Yes, Mr Spafford.

When that application is heard tomorrow, all core participants will have an opportunity to address me on the matter, and I shall of course hear from all those who wish to do so. They aren't obliged to do so, but I shall hear anybody who wants to be heard. In the

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I'm afraid that's just too bad; we're going to have to

ants to be heard. In the 25

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Opening statement on behalf of Artelia by MR SPAFFORD

MR SPAFFORD: Thank you, sir. Thank you, madam. My name is

I appear with Simon Greer, who is counsel in my firm.

which I will refer to as Artelia.

Richard Spafford, and I am a partner in Reed Smith LLP.

Reed Smith is instructed by Artelia Projects UK Limited,

The opening of Phase 2 gives Artelia an opportunity

deal with this.

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to address the Inquiry in detail about its role on the refurbishment of Grenfell Tower between 2012 and 2017. This opportunity is very much welcomed by Artelia, but Artelia also wishes to do all it can to assist the Inquiry in understanding why the dreadful events of 14 June 2017 occurred so that such an appalling tragedy never happens again.

We all pay tribute to the extraordinary people who died, and to the dignity of those who survive them, and the community that continues to support all those touched by the Grenfell Tower tragedy.

Our oral submissions today and Artelia's written submissions make the extent of Artelia's roles on the refurbishment clear, and seek to put the record straight following a number of ill-informed comments about the extent of Artelia's roles in some position statements, some witness statements and submissions, including those recently provided by some core participants.

Now, some core participants have said that they want to wait for closing submissions to give full accounts of their roles. Artelia takes a different view. We want the Inquiry to be fully aware from the outset of what Artelia's roles were.

So my focus now will therefore to a great degree be upon those roles, the extent of those roles and, where

applicable, the limits on those roles.

In our view, identifying the existence of limits on roles of Artelia is not inconsistent with Mr Millett's instruction to the corporate core participants in 2018, which he repeated on Monday.

Artelia readily acknowledges its significant involvement in the refurbishment from April 2012, shortly after Studio E and the then likely principal contractor Leadbitter became involved, through completion and beyond to the agreement of the final account with Rydon in 2017. At the same time, Artelia will identify and rely upon some very important limits on its roles, each of which was contractually agreed to and, we say, acted upon by TMO.

Indeed, we say that, even with Mr Millett's words ringing in all our ears, there should be no valid criticism of an entity which properly and fairly identifies and relies upon any such limits, which can only assist the Inquiry in its task of identifying where responsibilities lie.

I want to start briefly by looking at Artelia's contract. Artelia had a contract with the TMO. Its work was carried out under that contract. Artelia was not novated to Rydon, and had no contracts with any other member of the project team. Artelia, under its

contract, had three roles on the refurbishment: it was employer's agent, quantity surveyor, and the construction, design and management co-ordinator, more commonly known as the CDMC. I will consider each of these briefly and in turn.

It is not easy to give a general description of the role of an employer's agent, as at least to some degree appointments will be project-specific. However, it is not controversial, in our view, to say that an employer's agent is primarily an administrator. As Keating on Construction states in its 10th edition, an employer's agent will often be a qualified construction professional who carries out "certain administrative functions".

For example, an employer's agent will frequently, and Artelia did, issue its clients instructions on the project; report to the client about the progress of the project; develop the client 's brief; co-ordinate the preparation of the employer's requirements by the design team; prepare reports, registers and project plans; advise on tenders; administer the building contract; chair and take minutes of meetings; and prepare handover plans and drive completion.

For the avoidance of any doubt, we say that the fact that Artelia was appointed by the TMO as an employer's

agent and not as a project manager is a relevant consideration for the Inquiry.

Secondly, Artelia was appointed by the TMO as a quantity surveyor. Again, there are some challenges in providing a general description of a quantity surveyor, as each appointment will be project-specific. But a quantity surveyor has more of an advisory role. At its core, the role of a quantity surveyor is to advise the client on project costs and the costs of design and construction options. A quantity surveyor will, and Artelia did, prepare budgets and cash flow forecasts, prepare cost plans, prepare bills of quantities on tenders, facilitate value engineering exercises, check tender submissions from a cost perspective, recommend interim payments by the client to the contractor, and prepare the final account at the end of the project.

In summary, the quantity surveyor role is a cost advisory role. Keating describes a quantity surveyor

"... employed by the employer to estimate the quantities of the proposed works and set them out in the form of bills of quantities."

Now, thirdly, Artelia was CDMC. It had this role until 5 October 2015. This was both a contractual and

a statutory role under the 2007 CDM Regulations, and was both advisory and administrative in nature. It involved, among other things: providing appropriate formal notifications to the Health and Safety Executive identifying pre-construction information; liaising with the principal contractor on the construction phase plan to be issued by the principal contractor; advising the client in relation to its duties under the CDM regulations; amassing information for the project's health and safety file; and co-ordinating the co-operation of duty holders under the CDM Regulations -- so the client, the designers and the principal contractor -- so there was proper focus on health and safety issues.

Now, there has been some criticism by Dr Lane of the TMO, of Rydon and of Artelia in the context of obligations arising under the CDM Regulations 2007, and of the TMO and Rydon in relation to the CDM Regulations 2015. Artelia is, of course, continuing to consider these criticisms carefully, although it addresses some of the points made in our written submissions and will also shortly address them briefly in our oral submissions.

However, before doing that, in our submission, an important issue for the Inquiry in relation to the

CDM Regulations 2007 is the distinction between what is governed by those regulations and what is governed by the Building Regulations 2010, made under the Building Act 1984.

As we believe to be clear, questions relating to the fire safety of Grenfell Tower on the refurbishment were governed by the requirements set out in the Building Regulations 2010. By contrast, the CDM Regulations 2007 applied to health and safety in construction and maintenance work, so that the construction work itself could be carried out safely, those working on the construction site could be properly protected, and so that designs also took into account the need to protect future construction and maintenance workers whilst on site.

As I have said, we believe this to be clear and understood, but it is a point to which I'll have to return shortly in the light of what appear to us to be some errors in the position of the TMO on this issue, including in its recent written submissions.

Now, I mentioned that I would make reference to contractual limits and the reasons why I was doing that. I am now going to turn to those limits .

To summarise, Artelia had three roles: employer's agent, quantity surveyor and CDMC. Within Artelia's

contract with the TMO, there were a number of what we submit are important limits which were agreed between Artelia and the TMO.

It would be helpful, if possible, if I could have document {ART00005742} put on the screens, and in particular if you could start, please, with page 23 of that document {ART00005742/23}. Many thanks.

This page is schedule 1 to Artelia's contract with the TMO. In that schedule, it is clear that Artelia was expressly not appointed to provide RICS project manager services. The relevant box has not been ticked and, indeed, has been crossed through. This, we say, is important, not least because a number of ill-informed suggestions that Artelia was the project manager have been made, mainly by the TMO, but also by some others.

Now, we fully appreciate that the TMO's witnesses are yet to confirm their statements, but, in those statements and elsewhere, the TMO has on a number of occasions described Artelia as the project manager. It is important to note that the more recent statement from Mr Maddison and the TMO's written submissions do suggest that there might be some shifting in the TMO's position on this point, and no doubt this will be clarified in due course.

While we can forgive the few other descriptions of

Artelia as project manager by other core participants on the basis they are probably simple mistakes, what is surprising to us is that Mr Hyett in particular does describe Artelia in this way in his expert's report. Mr Hyett is, with the greatest respect, mistaken. We will return to this issue briefly later when we consider the content of his report.

So, to be clear, Artelia was not appointed as project manager. As the contract shows, this was a deliberate decision by the TMO. The relevant box is not ticked, but others are. This is not an automatic standard-form provision.

The TMO could, had it wanted to, have appointed a project manager with the greater responsibilities that that role would no doubt have brought. But the TMO chose not to. That the TMO did not appoint a project manager is of course no particular surprise. An entity with the experience, resources, expertise and specialisms of the TMO was perfectly capable of project managing the refurbishment itself. The TMO was not a lay client. Even a quick look at what the TMO had to offer makes this abundantly clear. It was a substantial and sophisticated entity. You have Mr Anderson's and Mr Dunkerton's experience and qualifications, and later those of Mr Maddison, Mr Gibson and Ms Williams. You

have the structure of the TMO and its areas of operation. Project managing the refurbishment of Grenfell Tower was well within the TMO's purposes and its capabilities.

With the same document, may I please have page 34 on the screen {ART00005742/34}. Many thanks.

This is the appendix to Artelia's contract with the TMO. The second limit is at point 3.4/3.5, under which Artelia was expressly not appointed as the lead consultant. The lead consultant identified in this contract was Mr Sounes of Studio E. Studio E appear to regard this as a controversial point. However, in our submission, it clearly is not.

Studio E, at point 6.3 of its written submissions {SEA00014642/5}, tries to say that there was a lack of clarity on this issue. Studio E suggests that there was some changing of the minds on this point, and some lack of certainty on whether Studio E or Artelia would be lead consultant.

Now, Studio E's position on this issue is unlikely to have been assisted by the challenges they refer to in section 4 of their written submissions, which mean, they say, that their focus has had to be on their own evidence. However, whatever these challenges, Artelia has to make the position clear.

First, there could be no doubt but that Studio E was appointed as lead consultant. In this regard, we refer not only to what is clearly set out in Artelia's contract with the TMO, but also to communications between Studio E itself and the TMO in which it is clearly stated that Studio E's services included its role not only as designer but also as lead consultant. The position is indeed helpfully summarised in paragraph 12.1 of the written submissions of BSR Group 1.

Secondly, Studio E suggest in their written submissions that Artelia confirmed that it would act as lead consultant. Studio E rely upon a draft document prepared in May 2013 by Artelia in which that possibility is, we accept, clearly mooted. But that document does not support the conclusion that Studio E tries to draw from it. That document was prepared in the context of discussions in 2013 between the TMO and Artelia which ultimately led to the re-procurement of the project in 2014.

In 2013, at the request of the TMO, a draft revised brief was prepared and consideration was certainly given to Artelia taking on a lead consultant role, with Leadbitter taking on the principal contractor role. But, as Studio E at least knew at the time, the TMO

ultimately decided, albeit clearly at the behest of RBKC, not to follow this route but instead to re-procure, so Artelia did not become lead consultant and Studio E remained in that role.

Indeed, Artelia has provided evidence on these issues contained in Robert Powell's witness statement, which was disclosed by the Inquiry on 30 October 2019. We appreciate that this may not have been considered by Studio E's legal team, but evidence on this issue is nonetheless available.

So, for the avoidance of any doubt, until its novation to Rydon, Studio E was clearly the TMO's lead consultant.

On the same document, may I please have the next page, page 35, on the screen {ART00005742/35}. Thank you.

This is the next page in the appendix to Artelia's contract with the TMO. The third limit is the most important. It arises at point 4.4 of the appendix under the heading "Design Responsibility". Under it, the TMO expressly agreed:

And:

"The Consultant [so Artelia] is not responsible for

the specifying and/or approving materials."

It will be easily appreciated how important this is to Artelia's position before this Inquiry.

I will come on shortly to consider how these provisions operated in practice, but these provisions make it clear that no one in the Artelia team was at any stage responsible for, first, the design of the refurbishment and, secondly, the materials used in the refurbishment.

It will come as no surprise when I say that these provisions also influenced the make-up of the team used by Artelia on the project. The team did not include an architect or anyone with professional design expertise because its roles did not require that.

So, when Artelia witnesses say, as they do, that they did not have the expertise necessary to consider, for example, whether particular elements of the building envelope were compliant with the requirements set out in the building regulations, they are not only reflecting the position at the time, but there is a sound basis for their having been in that position.

Now, pulling all the threads of what has been said so far together, the following conclusions can be drawn about the context and extent of Artelia's contractual responsibilities to the TMO.

First, the TMO did not need project management support. It was a sophisticated entity operating within its areas of expertise, and it had chosen not to appoint a project manager. It was managing the project itself.

Secondly, that does not mean, of course, that the TMO did not need support in specialist areas. It needed advice from a quantity surveyor and advice from a CDMC.

Thirdly, Artelia had a lot to do, but nonetheless there were some important limits on its roles. In particular, it was not the lead consultant and it had no responsibility for design and no responsibility for

From an employer's agent, it essentially needed support

of an administrative nature.

Indeed, the TMO contracted with Studio E as architect and later Rydon as design and build contractor in respect of design and choice of materials. There were clearly technically qualified parties in place on the project whose job it was to cover these issues .

So what happened in practice? What did Artelia do on the project? What did the TMO do on the project? And did what actually happened bear out the points I have made about the extent of Artelia's roles? In our submission, they clearly did.

First, over a full five-year period, Artelia did

a significant amount of work. As quantity surveyor, Artelia provided and advised on eight often detailed cost estimates. Artelia also provided advice in relation to potential re-procurement. Artelia provided advice to the TMO in connection with the tender process between August 2013 and March 2014. Artelia facilitated lengthy value engineering exercises with Leadbitter and later with Rydon. Artelia also regularly valued Rydon's work on site, making recommendations for interim payments. Artelia interrogated Rydon's extension of time claims and negotiated Rydon's final account.

As CDMC, Artelia prepared a CDM risk register and CDM report. Artelia prepared pre-construction information. Artelia reviewed Rydon's construction phase health and safety plan, and Artelia prepared and submitted forms to the Health and Safety Executive.

As employer's agent, Artelia worked with the TMO and the project team from 2012 to and beyond practical completion.

Artelia took part in the discussions with Leadbitter, and was heavily involved in 2013 during the period which led to the TMO's decision -- at the behest, we say, of RBKC -- to end the arrangements with Leadbitter, re-align the project so that value for money became its primary driver, and to re-procure.

Artelia spent a significant amount of time in administering the building contract between Rydon and the TMO and monitoring the progress of Rydon's work against the programme. Artelia arranged, attended and minuted tens of formal meetings, and issued 39 employer's agent instructions to Rydon, every one of which followed a formal decision by the TMO.

Artelia prepared numerous checklists and reports, and, where appropriate, discussed issues relating to Rydon's performance with its client, the TMO. Artelia administered the practical completion process from September 2015 onwards, arranging handover meetings, identifying requirements for the issue of a certificate of practical completion, and ensured that sign-offs on relevant completion issues were given by responsible entities such as the TMO, Rydon or the clerks of the works. These were, on any view, significant tasks and roles.

What actually happened in relation to the important question of responsibility for design and for materials? It is clear that responsibility for these issues was contractually excluded by the TMO, but it is also clear that at no stage did Artelia deviate from that contractual position.

First, the contractual exclusion of these issues

from Artelia's responsibilities did not stop the TMO, particularly through Ms Williams, asking Artelia questions about design. But what Artelia consistently did when asked these questions was to say, "No, we cannot answer these questions. They are not within our areas of responsibility and expertise. These are questions for Rydon."

There are in fact numerous examples of this, but in my submissions I will focus on only one example, in the main because this example has been picked up by a number of core participants in their written submissions. This example is Ms Williams' so-called "Lacknall' moment" in November 2014.

On 12 November 2014, Ms Williams of the TMO emailed Artelia saying that she had just been looking at the cladding "as our database is asking for costs", and saying that she did not know if there is any issue of flame retardance requirement. She noted that at Lakanal House, one issue was that the replacement panelling was not flame retardant. She asked for advice.

Phillip Booth of Artelia replied. He said that he had had a quick review of the NBS spec, which had of course been prepared by Studio E, and set out certain standards anticipating that one of the standards would

Now, we know that Ms Williams did this through a separate email to Rydon, but we do not know what the outcome of her enquiry to Rydon was.

Ms Williams' so-called "'Lacknall' moment" is picked up by both BSR Groups 1 and 2 in their submissions.

Their criticism is widely spread, and Artelia is criticised for what is called a vague answer and for not following this up further. However, there was nothing vague or inappropriate in Artelia's response. Artelia had no expertise in design issues and, by agreement, had

require flame retardance. He said, however:

"As client, I suggest you seek clarification from

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Rydon."

answer it.

Artelia went as far as identifying potentially relevant standards in Studio E's NBS specification, and, on the same day as the client's request, it referred the client, the TMO, on to the entity which was obliged to answer the question, namely Rydon. We say that Artelia did exactly what an employer's agent should do.

no responsibility for design or for materials. It could

not reasonably be expected to know the answer to the

question posed, and it would have been wrong for it to

The second event of many which sheds some further light on this issue is the offer made by Artelia to the

TMO in February 2014 to provide client design advice to TMO. To be clear, this is a service which at the time could be offered where a design and build contract was in place, the purpose of which was to help the client protect its design following the novation of the architect to the contractor. Its aim was to fill the gap created by the client giving up its contractual relationship with the architect .

Had the offer been accepted, Artelia would have brought a registered architect with design expertise onto the team to support the TMO on design issues and the signing off of designs as the project progressed. As Artelia's detailed offer was rejected, Artelia did not do this.

In its written submissions, the TMO say that they did not see what the role of the client design adviser offered, and they did not agree to it because Artelia was seeking fees for a role that, in their words in their submissions, did not apply to specialist issues. They also say that the role was not necessary because Artelia was already the CDMC. They then go on to refer to certain provisions in Artelia's appointment which obliged Artelia to ensure that design sign-offs were carried out as meaning that the client design adviser role would have added no value.

But these arguments make no sense. First, when the very full and detailed offer of the client design adviser role was turned down by the TMO on 29 August 2014, the TMO did not say that Artelia was seeking fees for a role that added no value or anything of that nature. What they actually said was:

"We are going to see if we can manage this within the TMO as we are very familiar with the specifications for social housing. Can you please send any design proposals to myself [that's Claire Williams], cc David Gibson."

In short, they said, "We will carry out this design role ourselves because we have the experience to do this". They did not say, "This role is not required because you are already covering it" or anything of that nature.

To suggest that the role was not necessary because Artelia was CDMC does no more than show further confusion between design compliance for the building under the Building Regulations 2010 and issues as to current and future site health and safety under the CDM Regulations 2007.

In addition, contractual obligations upon Artelia to ensure that design sign-offs were carried out clearly did not give Artelia responsibility for the design

itself . Those provisions only obliged Artelia to ensure that the designs were signed off by the person with responsibility for doing that.

What is particularly strange, given the approach being taken by the TMO on this issue, is that, partly as a consequence of its decision not to take Artelia on as the client design adviser, it was the TMO who had to and did provide all design sign-offs on numerous occasions. This makes the TMO's suggestion at page 21 of its written submissions that they did not sign off on designs impossible to understand.

Finally, on the question of responsibility for design and materials, I need to raise what is said by the TMO in its written submissions more generally on compliance issues.

It says, and I summarise, that in the period before it contracted with Rydon, responsibility for compliance lay with what it calls the pre-contract professional team. It includes Artelia within that team, and accordingly appears to ascribe some responsibility to Artelia for compliance with the design in that period.

We have explained why that cannot be right. The TMO had expressly agreed with Artelia that it should not have responsibility for design or for materials, and there is no basis on which Artelia could be responsible

for design compliance as CDMC. As BSR Team 1 explain in their submissions, it is actually clear that responsibility for compliance before the contract between the TMO and Rydon lay with Studio E.

My final point about what happened in practice is

My final point about what happened in practice is a general comment about the role of the TMO. Running through the TMO's written submissions is the portrayal of itself as no more than a reactive, passive, inexperienced bystander, powerless as those around it let it down. The TMO suggestions that its decision-making was limited, that it never signed off on designs, and that it handed over responsibility for anything of substance to the consultant team.

The TMO may have been let down. That's a question for the Inquiry. But its portrayal of itself is not accurate. Throughout the process, Artelia was there. Artelia asks: what about the TMO's project management role? What about its design sign-offs? What about its decisions on windows, kitchens and on the crown? What about its decision with RBKC to use champagne coloured aluminium cladding with cassette fixing? What about its liaison between consultants, its driving of value engineering -- a point I'll return to -- and its confirmation of the contents of the building manual for Grenfell Tower? What about its decision that Rydon

should not introduce or alter any further fire protection works following an indication that areas of existing fire compartmentation needed addressing?

It is for the Inquiry to decide if the TMO was let down, but it should surely acknowledge the extent of its role on the refurbishment.

I would like to finish by commenting on a few additional points which are made about Artelia which need, in our view, to be corrected.

First, there is a suggestion from the TMO that, on the 2014 tender, it was Artelia who made all assessments, recommendations and evaluations. To be clear, there is some hint in the TMO's written submissions that their position might also be shifting on this issue. But to make the position clear, and particularly because the BSR groups to some degree take issue with the tender process, I'll address this briefly.

First, the tender process was a joint effort, with both the TMO and Artelia scoring and evaluating pre- qualification questionnaire answers and the tender returns. It is surprising that the TMO may be trying to suggest otherwise, in circumstances where it went to the trouble of engaging its own specialist procurement consultant, Ms Jackson, who was very heavily involved

throughout the tender process.

Secondly, the tender took place on an arm's-length basis. Rydon may have scored lowest on the PQQ process, but that was not a reason to exclude them from the tender process. On that tender process, next to the other tenderers, they clearly, on the basis of industry standard and agreed criteria, scored the highest.

The second issue I would like to mention is the assertion made by the TMO that costs were not a factor for it on the refurbishment, and that it had no substantive involvement in value engineering.

The suggestion that costs were not a factor for the TMO makes little sense and can be dismissed very easily . From 2012, and Mr Anderson's email on 4 May 2012 saying, "We have a project to deliver but within a very tight timeframe and an even tighter budget", to Ms Williams' email of 16 July 2014 when she asked for good costs, there was clearly a focus on the part of the TMO on costs

In addition, while Artelia, as it was obliged to do so in its contract, facilitated value engineering exercises, there was a drive for value engineering from the TMO. For example, in December 2013, Ms Williams identified her own "VE hit list".

Artelia agrees with Mr Hyett when he says that value

engineering is intrinsic to most UK construction projects, but we say there is no basis for the TMO to seek to distance itself from value engineering and costs issues

Finally, I would like to pick up briefly on some of the comments made by Dr Lane and Mr Hyett, two of the Inquiry's experts, about Artelia. Further comments are contained within our written submissions.

Dr Lane relies upon the health and safety file, a file provided under the CDM Regulations 2007 and 2015. She is critical of a number of entities on this issue, including Artelia. Dr Lane sees the health and safety file as a file that could, in the absence of a fire safety manual, have been provided to the London Fire Brigade. But Artelia's responsibility for the preparation of the health and safety file ended on 5 October 2015, when the TMO took over as principal designer under the CDM Regulations 2015. That was nine months before practical completion and the actual finalisation of the health and safety file by all group holdings for Rydon, who in turn were under a contractual obligation to the TMO.

In addition, even if Dr Lane is right in suggesting that, as a practical matter, it might have been possible to provide the health and safety file to the

fire brigade, bearing in mind that that file was not required to be in a format in which it could be easily obtained and quickly analysed, it would not in Artelia's submission be right for any failure by any party in respect of the health and safety file to lead to a finding of responsibility by the Inquiry.

The health and safety file is prepared for the purpose of future construction work, which is carefully defined, and so includes cleaning, maintenance, alterations, refurbishment and demolition. Its purpose, as indeed Dr Lane acknowledges in her report, is not to assist the fire service as they carry out their duties.

Finally, both Dr Lane and Mr Hyett seek to construe and frame the extent of certain of Artelia's contractual employer's agent obligations. Dr Lane does this by reference to particular contractual provisions, and Mr Hyett's analysis is more general in nature. Mr Hyett also frequently misdescribes Artelia as project manager, but, as we have explained, Artelia was not appointed as project manager.

Both Dr Lane's and Mr Hyett's contractual analyses amount to a position that Artelia had general oversight obligations as employer's agent, such that Artelia was obliged in effect to sweep up every problem, to follow and understand in detail the specialist technical design

work being carried out by others, and effectively to act as a guarantor of the obligations of those entities.

With great respect to the experts, as we explain in our written submissions, that, in our view, cannot be right. The experts appear to be giving opinions on the legal construction of contractual obligations.

The wording of Artelia's contract with the TMO does not suggest any general oversight obligation as employer's agent. Artelia was an administrator, and it can't be reasonable or appropriate to view Artelia as having had some kind of obligation to come to the rescue if there were failings by other consultants with clear responsibility for particular issues.

 $\label{eq:sir_madam} Sir\,,\,\, madam, thank you.\,\, Those are \,\, my \, submissions.$ SIR MARTIN MOORE-BICK: Mr Spafford, thank you very much.

Now, at this point we are going to hear from Ms Jarratt, who represents the TMO.

Yes, Ms Jarratt.

Opening statement on behalf of the TMO by MS JARRATT

MS JARRATT: Good morning, sir and madam. As you know,

I appear on behalf of the TMO this morning.

The TMO does wish again to express its immense sympathy and profound sorrow in relation to the horrifying and tragic events that took place at Grenfell Tower, where 72 members of your special

community lost their lives, and many more lost their loved ones, their friends and their homes.

The TMO continues to fully support the efforts of the public inquiry to obtain clear, reliable and truthful evidence to understand what led to this needless tragedy, and to demand meaningful change, to improve public safety, and to ensure that this never happens again.

The TMO has provided a substantial body of evidence to the Inquiry and responded to requests for witness statements and information relevant to this first module of Phase 2.

This morning, the Chairman said that it had been brought to his attention that witnesses are likely to claim privilege against self-incrimination as a reason for not answering questions. However, in respect of the TMO, what was brought to the Chairman's attention is that, where witnesses may be asked questions that may incriminate them, there is a professional obligation for those witnesses to be warned about this legal privilege; that is, that it is their right not to answer any questions to which it applies. The purpose of an undertaking is to allow witnesses to attend the Inquiry and be able to give their best evidence in the Inquiry's search for the truth.

Mr Chairman, of course it is obviously a matter for you whether or not to make that application to the Attorney General, having heard submissions in respect of it tomorrow.

The TMO was incorporated on 20 April in 1995 under the Right to Manage legislation. This was introduced to give tenants a greater say in managing their community and their own homes. The purpose of the TMO was to act as RBKC's managing agent, and to look after the council's residential housing stock and commercial property across the borough. This included Grenfell Tower, which until 2013 was also managed in part by the Lancaster West Estate management board.

The roles and responsibilities of both the Royal Borough of Kensington and Chelsea and the TMO are further defined under the terms of the modular management agreement which existed between them.

The business of the TMO was housing management and maintenance, as well as capital investment projects.

Staff were employed for their skills in housing management, which included managing property repairs, resident liaison work and rent collections.

It did not possess specialist knowledge in relation to design and construction, nor did it seek to employ staff with these specialist skills. It had to engage

specialist contractors to turn the plan to regenerate Grenfell Tower into a realisable project specification and then to construct it.

The TMO has now ceased to operate as a managing agent. The TMO's functions were handed back to RBKC in March 2018, and it is no longer a working body. However, it will remain in existence until the public inquiry and any other relevant legal proceedings have been completed.

The project can be divided into the pre- and post-contract phases, and the TMO's role in the project was different in respect to each phase.

In the pre-contract phase, the TMO engaged a professional team, which consisted of Studio E and others, to design the project brief and to plan and manage the pre-construction phase on its behalf.

The post-contract phase commenced in October 2014, when Rydon was appointed as main contractor under the design and build contract. From this point, Rydon became responsible for all aspects of the design and construction of the project, including the construction of the external façade and the replacement of the windows.

They were also appointed as principal contractor under the Construction (Design and Management)

Regulations, the CDM, and became responsible for planning, managing and monitoring the works during the construction phase, including ensuring that safe methods of construction were used.

At this point, Rydon also became the single commercial point of contact for the TMO and for Rydon's own appointed team of professionals.

This opening statement will look first at the decision to refurbish Grenfell Tower, and then provide an overview of the role that the TMO played in the refurbishment works. We hope, sir, despite some of Artelia's suggestions, that here will be a fair and accurate summary of at least some of those roles.

I will concentrate predominantly on the pre-contract phase, looking at the role of appointees and addressing the matter of cost savings. I will then deal briefly with some discrete aspects of the post-contract responsibilities that TMO had, including in relation to the health and safety file .

The decision to refurbish Grenfell Tower.

In 2011, the RBKC were embarking on a large project to build a new academy school and leisure centre, referred to as KALC, on the Lancaster West Estate, at the base of Grenfell Tower. This also included the construction of 30 residential dwellings. TMO was not

involved in this project. However, RBKC recognised that the residents of the Lancaster West Estate were directly affected by the works on KALC, and simultaneously TMO identified Grenfell Tower as a major investment priority.

Subsequently, it was agreed at RBKC's cabinet meeting on May 2 that Grenfell Tower be refurbished alongside KALC. The purpose of the project was to improve Grenfell Tower for its residents and the local community by upgrading the communal heating system and improving the external thermal efficiency of the building, as well as refurbishing the nursery and the Dale Boxing Club.

In identifying the priorities for the project, the TMO consulted with the residents and community of Grenfell Tower. Discussions suggested that improvements to the heating system, whereby there could be individually controlled systems, would be welcome, and residents suggested a preference for new windows that they could open themselves and clean.

The project was also going to create nine new residential homes in the tower, and this was in keeping with RBKC's programme for housing development and investment, to increase the number of modern, accessible and affordable council homes in the borough.

The Inquiry's expert Paul Hyett observes in his report that the decision to improve the thermal performance of the tower was perfectly reasonable, and that, of the options that were available, the decision to apply thermal insulation to the outside of the concrete walls was a good one. Mr Hyett further observed that it would have been exceptionally difficult, both technically and in terms of disruption, to achieve a high level of thermal performance if the insulation were to be applied inside of the walls. It was the TMO's understanding from the outset that to clad the tower was the best way forward in the case of an occupied building.

CDM.

The TMO's role in the project was that of client. That is simply the organisation for whom a construction project is carried out, as defined by the Construction (Design and Management) Regulations, the CDM. These regulations set out the roles and responsibilities for health and safety in any large building project undertaken in Great Britain.

CDM explicitly acknowledges that clients may not be experts in the construction processes and are therefore not required to plan or manage the project, or take an active role in managing the works. What the TMO were

required to do was to appoint competent specialists to carry out the project on its behalf, and to ensure that there were both sufficient time and resources to do this. The TMO complied with these duties.

The pre-contract appointments made by the TMO.

For the KALC project, RBKC had procured a team of professional consultants. This included Studio E, Artelia -- at the time still known then as Appleyards -- Max Fordham and Leadbitter, who were the principal contractors. RBKC initiated the use of this professional team on the project. These organisations were already familiar with Grenfell Tower due to its proximity to KALC, and the TMO understood that all the appointments for the £58 million KALC project were more than qualified and competent to carry out these refurbishment works at Grenfell Tower.

Key benefits of utilising this team were a reduction in the procurement timeframe, meaning the works could be delivered earlier and reducing the length of the overall disruption to residents of the Lancaster West Estate and Grenfell Tower.

Artelia was introduced to the project in April 2012 at an initial design meeting, and was subsequently formally appointed in August to the roles of CDM co-ordinator under the CDM Regulations, employer's agent

and quantity surveyor. They played an important role in both the pre- and post-contract phases.

In the pre-contract phase, it advised the TMO in appointing a professional team of designers and contractors to turn the brief into a realisable design, as well as advising on and administering the procurement and value engineering exercises.

During the post-contract phase, they were the TMO's contract administrator and responsible for monitoring progress of the contract. Artelia's obligations were governed by the terms of the standard form RICS appointment, as you have already been referred to. They liaised with the design professionals and advised the TMO on the development of the project brief, as well as advising and managing the procurement processes that the TMO undertook, including the appointment of Rydon.

As CDM co-ordinator, they were a key project adviser to the TMO in respect of the health and safety risk management, and assisted the TMO in ensuring co-ordination of the design process and preparing the pre-construction information.

As their role as quantity surveyor, they provided expertise in estimating construction costs, advised the TMO on ways to keep costs under control, as well as enhancing value for money, and they advised on and

administered the re-procurement process and assisted in the value engineering exercises.

It is not, sir, with respect, reasonable to suggest that because TMO employees may have had past experiences in their working lives in design or construction, they are to be considered specialists for the purpose of this complex project. Nor is it correct to suggest that this somehow dilutes Artelia's responsibilities under the terms of the various appointments.

The TMO does not seek to elevate the role of Artelia beyond those terms that are set out in the appendix and the RICS schedules of the contract between them.

The TMO appointed Studio E and a number of other specialist contractors to assist with the design and preparation of the tender documents referred to as the employer's requirements and the National Building Specification .

Studio E were involved in discussions with the TMO about refurbishing Grenfell Tower from February 2012. In their opening submissions, Studio E state that the appointment process required greater co-ordination. We submit this was not the case. Their terms of service were clear. We invite the Inquiry to accept the evidence of Mr Hyett, who states in respect of Studio E that the range of appointments are clearly established.

He states the services that Studio E were contracted to provide, both in terms of scope and standard, were, as would be expected of an architect, providing full architectural services as lead consultant, lead designer, architect as designer and landscape designer, and this was under the terms of the standard RIBA outline plan of works.

The employer's requirements included a request for pricing for Proteus HR zinc cladding and for two alternative products: Reynobond rainscreen cladding and the Alucobond rainscreen cladding.

The TMO understood that the specification was prepared pursuant to the standard terms of the RIBA appointment. RIBA standards require that only materials which complied with the building regulations were to be specified.

The employer's requirements also expressly stated that any issues in relation to design could be rectified by the tendering contractors, and that there was a requirement that expressly stipulated that any materials put forward as an option complied with specified performance standards.

The purpose of presenting pricing options for materials was to achieve value for money, and the TMO had a reasonable expectation that all the options set

down in the specification would be suitable and compliant options for the external façade.

Exova.

One of the professional pre-contract team w who were appointed to provide fire safety engine

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One of the professional pre-contract team was Exova, who were appointed to provide fire safety engineering services for Studio E to consider in respect of design matters. Studio E introduced Exova to the project and TMO understood them to be competent fire safety engineers. Barbara Lane refers to Exova's industry reputation as top tier, and she states in her expert report that it would be entirely reasonable for KCTMO and Artelia -- indeed any party -- to assume that the Grenfell Tower primary refurbishment project team had access to and could rely on highly competent experts for all aspects of fire safety and design.

They were instructed on 18 July 2012 to prepare a fire safety strategy in respect of the refurbishment project. There were two subsequent versions of this report. Exova provided these reports to Studio E for consideration in respect of their design work. It was not the TMO's role and nor did it have the relevant expertise to lead on fire engineering matters in relation to design.

Mr Terrence Ashton, an Exova employee, prepared three versions of the reports, and each report stated in

respect of compliance with the building regulations at requirement B4:

"It is considered that the proposed changes will have no adverse effect on the building in relation to external fire spread, but this will be confirmed by analysis in a future issue of this report."

Both Dr Lane and Mr Hyett refer to the fact that Exova had been provided with the stage C RIBA report prepared by Studio E setting out the specification for Celotex RS5000 rainscreen cladding.

If this section of the report was not intended to relate to the cladding, as is now asserted, the Inquiry will need to consider if that can be reconciled with the assertions made in that report and the possible effect this may have had on those that read it.

The TMO understood that it was Exova's responsibility to advise their design team in respect of all aspects of fire safety strategy.

On 16 August, Exova also issued a fire safety strategy report for the existing building. This had been requested by the TMO when it was established that none existed. It was prepared by the Exova employee Cate Cooney. As Dr Lane identifies in her report, Ms Cooney failed to record the existing building condition and failed to properly assess the active and

passive fire protection measures that existed. The Inquiry may wish to examine how Ms Cooney came to provide a report which did not identify any issues in relation to the tower's existing fire safety measures, or in relation to the previous fire risk assessments.

Post-contract, if it was necessary to appoint a fire safety engineer, this was Rydon's responsibility. Simon Lawrence, Rydon's contracts manager, stated in the contract introduction meeting on 1 April 2014 that Rydon would contact Exova with a view to using them going forward, a sentiment repeated in two subsequent progress meetings. Again, it will be a matter for the Inquiry to look at whether Rydon should have appointed a fire safety engineer, as the TMO had done at the pre-contract stage in order to assist their own design team.

The appointment of a main contractor and the tender process. $% \label{eq:contractor}%$

At a TMO board meeting on 15 November 2012, Leadbitter was recommended for appointment as the main contractor, to mirror that appointment that they had on the KALC project. However, in early 2013, there were concerns as to whether Leadbitter was the right appointment for the contract. Artelia noted that the scheme costs put forward by Leadbitter were at variance with their own estimates, and there were concerns over

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Leadbitter's ability to provide value for money. They were slow responding to requests and the TMO was unsure of their overall commitment. There were also real concerns about their lack of experience of working with residents in situ, which was such a vital logistical aspect of the works at Grenfell Tower.

As a result of these concerns, in April of 2013, the TMO and Artelia discussed what would be involved in the appointing of a new main contractor, and this whole process was conducted in an open and transparent manner and observing due process.

Phillip Booth of Artelia provided a draft revised programme exploring two potential procurement routes: the Office of the Journal of the European Union, referred to as OJEU, and the London Housing Consortium framework.

OJEU is the publication through which public sector tenders valued above a certain financial threshold are published. This ensures that the scoring process is open and transparent. The purpose of OJEU is to secure best value in the use of public funds.

Mr Booth explained that OJEU would take a month longer, but that it would be a more open procurement option. It required a pre-qualification questionnaire, a PQQ, and he explained that, through OJEU, it would

also be open to Leadbitter to apply. In July 2013, the board agreed to re-tender through an OJEU procurement process, and Artelia managed the exercise, together with Jenny Jackson, an external procurement consultant, who was engaged by TMO. In August 2013, the OJEU notice for the project was published. As a result of a POO process being completed, Artelia identified five contractors who were invited to tender. The invitation to tender, or ITT, was put together by Artelia. This included the employer's requirements prepared by Studio E. Bidders were also invited to a conference in December 2012 at TMO offices, which included a site visit so that they would have the opportunity to view Grenfell Tower and the surrounding location. Representatives from Studio E and Max Fordham were in attendance to answer any questions in relation to design specification .

Three contractors, including Rydon, submitted bids in February 2013. The evaluation panel for marking the tenders comprised not only TMO employees, but also a member of the TMO board, as well as a ward councillor, along with a representative from Artelia.

The scoring matrix for the process shows that the tender prioritises quality over price. 55% of the

overall score was for quality as opposed to 34% for cost, with the remaining balance as 5% for performance in interview and 6% for the cost for alternative works.

Rydon scored the highest in every category. In respect of the assessment of quality, it scored five points or 16% higher than Durkan Limited, and seven points, so nearly 25% higher than Mulalley.

Rydon submitted the most competitively priced tender price at 9.2 million compared to 9.9 million, and 10.4 million respectively.

Artelia observed in their final tender report that Rydon had the highest overall score. They recorded that a comparison between bidders of the pricing for various elements of the work demonstrated broadly consistent pricing at a sustainable level, and no particular anomalies were noted in regard to the overall bids. The decision to appoint Rydon was solely based on the fact that their score was the highest in this rigorous and transparent process.

Value engineering and cost savings.

It has been suggested in some of the written opening submissions that the only consideration for the project was minimising costs. This was not the case. Looking for where reasonable costs can be reduced on a large public sector project is normal practice.

RBKC financed the works. As early as 18 July 2013, the RBKC director of housing, Laura Johnson, submitted a report to the cabinet recommending an increase in budget to 9.7 million. Again, in June 2014, a further report was submitted to the RBKC cabinet recommending a further budget increase to 10.3 million. This was the second and final budget increase that was asked for and both granted for the project.

TMO provided RBKC with regular updates as to costs, and it was one of the TMO's main functions to manage the budget. It is unsurprising that a large proportion of TMO's correspondence with interested parties is concerned with issues of costs. Seeking out value for money in publicly funded projects is standard practice.

The RIBA stage guide of 2015 gives a useful summary of value engineering exercises and describes them as this:

"A systematic and organised approach to provide the necessary functions in a project at the lowest cost. Value engineering promotes the substitution of materials and methods with less expensive alternatives without sacrificing functionality."

Mr Hyett states in his expert report that competitive tendering and ongoing value engineering are themselves intrinsic parts of most UK construction

projects; indeed, they lie at the heart of virtually all manufacturing and service supply processes within and outside the construction industry.

In section 2 of his report, Mr Hyett forms an opinion that neither the competitive tendering nor value engineering processes as carried out both pre- and post-tender should be considered as any form of excuse for the fact that the overcladding arrangements were unsafe, and that any requests made by the employer -- KCTMO -- or any pressure that might otherwise have existed on Studio E or other members of the design team, Rydon or Harley, either individually or collectively, cannot in any way be accepted as an explanation or excuse for the circumstances that allowed the fire to spread so far and so fast, and ultimately escalate out of control with such devastating effect.

Whilst it is a matter for the Inquiry, the TMO notes that Mr Hyett recognises that value engineering and competitive tendering processes are not incompatible with maintaining the highest levels of safety, and that the value engineering exercises undertaken for the project cannot be used to explain why the materials came to be applied to the external façade. The TMO would never have accepted a value engineering option that it was aware was either not suitable, non-compliant or

It is also important to note that the TMO was a not-for-profit organisation. Therefore, it had no commercial incentive to drive down cost to maximise profit for its shareholders. Ultimately, any surplus funds would be put back into the TMO to try and improve services.

The TMO was invested in the long-term success of the refurbishment project. Whilst the various appointed contractors were going to move on at the end of the project, the TMO's role was to continue to maintain and manage the tower on behalf of its residents. It was in the TMO's interests that the refurbishment works should be completed successfully and that they should be of good quality.

The post-contract phase.

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unsafe.

Now turning briefly to aspects of the post-contract phase, Rydon were now responsible for all aspects of design and the construction works. Artelia remained under the same terms of appointment and continued to advise TMO on a regular basis in respect of how the project was progressing and in respect of their duties under CDM, as well as liaising with Rydon on TMO's behalf.

As Rydon has set out in its company statement, it is

a very experienced contractor, their role in refurbishment projects is that of main contractor, and that typically they were also appointed as principal contractor under CDM. It goes on to state that it had significant experience of discharging these duties in respect of planning, managing and monitoring construction phases. Rydon also has an accredited project management system.

It was Rydon's responsibility to monitor the works, and there was no obligation on the TMO to make any separate monitoring appointments. However, in order to provide the TMO with further assurances that the project was being properly carried out, the TMO appointed two clerks of works. They were appointed to carry out regular site inspections of the construction works and of the mechanical and electrical engineering installations , and to report back to the TMO on workmanship, quality, progress and site health and safety .

Jonathan White, who inspected the construction work, states he carried out a total of 35 inspection reports, and at no point were any concerns in relation to the application of the cladding or any serious concerns in relation to health and safety raised with the TMO.

In accordance with its role as employer's agent,

Artelia monitored the progress of Rydon's work against the programme of works on the TMO's behalf, liaising with Rydon and other contractors on site where necessary. Every month from July 2014, Artelia chaired progress meetings, which were attended by senior representatives on the projects, including TMO, in order for Rydon to update them on the progress of the works.

The health and safety file .

Pursuant to CDM, a health and safety file must be prepared and handed to the client at the end of a project. The purpose of the health and safety file is to ensure that anyone carrying out subsequent construction work on the building has information to be able to plan and carry out that work safely. It is clear that the health and safety file is prepared solely for the purposes of future construction work and maintenance. The health and safety file is not required to follow a set format and may be combined with a building log regulations book or a maintenance manual. The regulations do not envisage that it would be available in the purposes of any emergency.

In 2015, a new set of CDM Regulations came into force, abolishing the role of the CDM co-ordinator and creating a new role of principal designer. This role took on many of the functions of the CDM co-ordinator.

However, and inexplicably, none of the contracting parties were willing to adopt this position. The TMO therefore felt it had no option but to assume the role.

At progress meeting number 17 on 17 November 2015, Rydon agreed to be responsible for the preparation of the health and safety file, and Rydon subsequently subcontracted this work to All Group Holdings Limited.

In her report, Dr Lane is critical of documentation which she attributes as having been prepared by All Group Holdings Limited and as amounting to the health and safety file. To date, no witness statements have been provided from this organisation, but we understand that the Inquiry is now taking steps to seek witness statements from All Group Holdings Limited and we are grateful for this indication. What documentation was prepared by All Group Holdings for the health and safety file and to whom that documentation was provided are matters which the Inquiry may wish to consider in relation to the compliance of that health and safety file.

The TMO and its former employees continue to be committed to the Inquiry's investigation into the events that led to such an unimaginable loss of life . There can be no denying that both the design and construction of the refurbishment works that took place between 2012 $\frac{1}{2}$

and 2016 comprised the safety of the building and led to these losses . $% \label{eq:comprised}%$

At all times, the TMO understood that applying cladding to the exterior of the building was a well recognised method for improving the thermal efficiency and, for some, the appearance of a high-rise building.

TMO believes it took reasonable steps to appoint competent specialists to achieve its aim of upgrading Grenfell Tower and bringing the building into line with modern standards. The professionals appointed had the experience and technical expertise to plan, design and build the refurbishment works for Grenfell Tower, as well as to advise the TMO on matters of compliance with industry standards, legislation and safety.

Like so many others, we wish now to understand how, with this infrastructure in place, there were such terrible failings in both the design and construction of the works. The TMO will continue to work closely with the Inquiry to assist them in their detailed review of the issues in Module 1, including a thorough analysis of the TMO's own role, its own duties under the CDM Regulations, and of course with all their ongoing investigations. This is with the genuine hope that the bereaved, survivors and residents who are at the heart of this enquiry get the answers that they deserve, and

that you, sir and madam, can make findings to ensure that people are safe and can feel safe in their own homes.

SIR MARTIN MOORE-BICK: Thank you very much.

Now, the next statement we're going to hear from will come from the council, RBKC, and it will be made by Mr Maxwell-Scott Queen's Counsel. Yes.

Yes, Mr Maxwell-Scott.

Opening statement on behalf of the Royal Borough of Kensington and Chelsea by MR MAXWELL-SCOTT

MR MAXWELL-SCOTT: Mr Chairman, madam. I, together with Katie Sage and Bethany Condron, represent the Royal Borough of Kensington and Chelsea, instructed by DWF Solicitors.

Although the Inquiry did not hold any hearings in 2019, it nevertheless made great strides in its ongoing investigation. The Phase 1 report was impressive in its thoroughness, and clearly the product of a great deal of hard work and considered thought.

Last year also saw the disclosure of a number of detailed expert reports and tens of thousands of documents, documents which your team had obtained from a multitude of different organisations.

The council is very grateful to you and your team for all the work done on the Phase 1 report and the

preparations for Phase 2.

The council has also been busy over the last year; busy improving the services which it provides, busy preparing for Phase 2, and busy reflecting on the issues that will be considered in it.

In reflecting on those issues, it has sought to stay faithful to three guiding principles: guiding principle number 1, the Charter for Families Bereaved Through Public Tragedy, which the council has adopted; guiding principle number 2, the commitment to candour which the council has made; and guiding principle number 3, the desire to ensure that the people who lost their lives will never be forgotten.

Commitment to these principles has led the council to identify a number of failings in the way its building control service processed and considered the application for building control approval during the refurbishment of Grenfell Tower. I will say more about this later, but may I say now, on behalf of the council, that it applogises unreservedly for those failings.

Building control is of course only one of the council's many services. As you have no doubt been discovering in more detail during your investigation, the council is a complex organisation made up of elected councillors and employed officers, with many separate

directorates, departments, functions, services and committees. Some of those services were delivered in-house by the council's own employees; others were contracted out to other organisations and delivered by employees of those other organisations.

Before returning to the council's building control service, let me first say something about the relationship between the council and the Kensington and Chelsea Tenant Management Organisation, which I shall refer to as the TMO.

The TMO is an example of an organisation to which the council contracted out delivery of services. In a number of places, core participants in their written opening statements for this module refer to the council and the TMO without distinguishing between them. Sir, I make absolutely no criticism of them for this at this opening stage of Module 1, when the relationship between the council and the TMO has not been explored, and when it can be hard to work out who was responsible for what, who did what, and who worked for which organisation.

Legal Team 2 representing the bereaved, survivors and residents say in their opening statement individuals, firms and institutions are to blame for what went wrong. It will be necessary for the Inquiry to consider carefully the respective culpability of

the council, the TMO, the professionals and contractors involved and others. I agree. Although none of the eight modules in Phase 2 is specifically devoted to analysing the relationship between the council and the TMO, the distinction between the council and the TMO and the close working relationship between them will need to be analysed and understood.

The relationship was governed by a modular management agreement based on a template for such agreements approved by central government. At the risk of oversimplifying the contents of the agreement, which is many hundreds of pages in length, and over 20 years of history of the TMO, the following points can be made.

The TMO came into existence in the mid-1990s because a majority of those who were residents at the time voted in favour of its creation. From that date onwards, it was at all relevant times a separate legal entity from the council.

In 2002, at an extraordinary general meeting of the TMO, it was voted unanimously to amend the TMO's constitution to enable it to operate as an arm's-length management organisation, or ALMO. As a result, the TMO additionally took on responsibility for developing and undertaking all major work schemes.

The normal model for an ALMO was that it was owned

by the local authority. The TMO was unusual in that it remained an organisation owned by its resident members. This fact and the fact that its constitution expressly stated that the majority of board members must be tenants and leaseholders meant that the TMO at all times remained independent of the council.

In 2006, the Audit Commission published a report on the TMO following an inspection which took place between 17 and 28 July that year. I mention that here because the Audit Commission noted that the TMO was in fact the only ALMO with a majority of tenants on the board.

As stated in its memorandum and articles of association, the TMO was established to manage and maintain the housing stock and ancillary properties of the council. As such, it was effectively the council's managing agent. So the housing management service which the council, as landlord, provided to the residents of Grenfell Tower was provided by the council through its managing agent, the TMO.

I'm now going to return to the council's building control service. In doing so, it is important to recognise that this service, unlike the council's housing management service, was provided by the council entirely independently of the TMO.

Local authorities are required by law to provide

a building control service. The way in which the council was structured meant that its building control service fell within the council's planning and borough development directorate. But one should not infer from this that there was an overlap between the council's planning function and its building control function. Both functions arise under wholly separate statutory regimes. The building control function is highly technical in nature, and is both conceptually and in practice wholly separate from planning. Fire safety does not fall within the remit of planning. It does fall within the remit of building control.

Persons carrying out building work within the borough who needed to use a building control service had the option of using the council's building service, which is a public sector service, or of using an approved inspector, which is a private sector service. Both are permitted by law to act as building control bodies.

It is important to be clear about the nature of the service offered by local authority building control and by approved inspectors. It is not a design service; it is a checking service.

Legal Team 1, representing the bereaved, survivors and residents, described the building control officer as

providing the last line of defence against the construction of an unsafe building.

Your expert, Beryl Menzies, puts it this way: "The role of a Building Control Body is only to

check for compliance with the requirements of the Building Act and the Building Regulations. A [building control body] has no role in the design: it checks submitted proposals and inspects work on site to ascertain compliance."

What that means in practice is this: if the professional design team engaged to create the design have created an unsafe design, and if the unsafe features of that design have not been detected during the design team's internal checking processes, then the external checking service provided by building control represents the last opportunity to spot the errors of the design team and stop the unsafe design being built.

As is well known, in the case of Grenfell Tower, the application for building control approval was made to the council's building control service, rather than to an approved inspector.

Mr Chairman, I mentioned earlier that the council had engaged in a process of reflection which had led it to identify number of failings in the way its building control service processed and considered the application

for building control approval during the refurbishment of Grenfell Tower. $% \label{eq:control}%$

The council would have wished to have reached this stage sooner than it did, but, through its own fault, it was unable to do so. This is because its building control service failed to retain sufficient records for the Grenfell Tower refurbishment project.

What has changed within the last few months is that the Inquiry's experts have succeeded in partially reconstructing the documentary record from the limited records building control had and the documents disclosed by a number of core participants, including Studio E, Rydon, Harley and Exova. This has enabled the council to identify a number of failings on the part of its building control service. I have set them out in paragraphs 97 to 105 of my written opening {RBK00055479/26}, but will repeat some of them now.

Building control did not have a formal procedure for tracking the progress of applications for building control approval. There was no requirement for it to have such a procedure, but the council accepts that building control should have had one, and that, had one been in place, it would have reduced the likelihood of aspects of the application or the building control approval process being overlooked.

Building control failed to issue a decision notice following receipt of the full plans application.

Building control failed to ask for comprehensive details of the cladding system, including the crown.

The last Exova fire safety strategy received by building control was issue 3, dated November 2013. Building control failed to request an up-to-date version of this document.

Building control failed to identify that the insulation materials used in the cladding system were not of limited combustibility and therefore did not satisfy the requirements of paragraph 12.7 of Approved Document B.

Building control failed to recognise that insufficient or no cavity barriers to seal the cavities at openings within the walls, including around the windows, had been indicated on the plans submitted to it.

Building control issued a completion certificate on 7 July 2016. It should not have done so.

The council apologises unreservedly for these failings . It is committed to co-operating fully with the Inquiry and helping to prevent a tragedy like Grenfell ever happening again.

The Inquiry has an important role to play here,

because we know that, up and down the country, in the private sector and the public sector, hundreds of buildings have been found with cladding on them which does not comply with the building regulations. This means that, in the case of each such building, a professional design team has created an unsafe design, and the unsafe features of that design have not been detected during the design team's internal checking processes, and the external checking service has failed to spot the errors of the design team and stop the unsafe design being built.

So, in hundreds of cases, the last line of defence, together with all previous lines of defence, has failed. Sometimes that last line of defence will have been a local authority building control service. Sometimes that last line of defence will have been an approved inspector. Sometimes it will have failed in similar ways to the ways it failed at Grenfell. Sometimes it would have failed in different ways. But the bottom line is that in hundreds of cases, it will have failed. This is not just a local problem; this is a national problem, and it will require national solutions.

Returning to the council, there have been changes in its building control service since the fire. In my written opening statement, I stated that the council

intended to provide the Inquiry with a written update on key changes made within its building control service before the start of Module 1. That document was provided to your team last week.

Summarising it in a sentence, many changes have been made, but a number of opportunities for further improvement have been identified.

Mr Chairman, as you are aware from having read my written opening, the council has made observations in it on a number of issues which I have not addressed you on this afternoon. These include the decision to refurbish the tower, the budget for the refurbishment project, and the choice of cladding material, to name just a few.

I do not propose today to lengthen this opening statement by repeating what I have said in writing or by adding to it. This is the beginning of Module 1, not the end, and there is a great deal of important evidence to be heard on many issues. In our closing submissions for Modules 1, 2 and 3, we will set out in detail and with candour the council's position on all issues relevant to it that have arisen in those modules.

May I finish by quoting from what the leader of the council said in her speech to full council on 22 January this year:

"There is a stark reality we face: 72 people died,

1	and this council could have and should have done more to					
2	stop it happening. Grenfell is a tragedy which should					
3	not have happened. It is a tragedy that can never					
4	happen again."					
5	Thank you.					
6	SIR MARTIN MOORE-BICK: Thank you very much.					
7	Now, the next statement is to be made by the Mayor					
8	of London.					
9	Ms Studd, would it be convenient for you to make					
10	your opening statement now, or are you going to require					
11	more than, say, 15 minutes? Then perhaps if you would					
12	like to come up to the front, you could do it now.					
13	Opening statement on behalf of the Mayor of London					
14	by MS STUDD					
15	MS STUDD: Mr Chairman, madam.					
16	The report of Phase 1 of the Inquiry, delivered on					
17	30 October 2019, focused on the immediate and terrible					
18	events of the night of 14 June 2017, which resulted, as					
19	we all know, in the deaths of 72 individuals . It					
20	focused on the causes of the fire, the emergency					
21	response, and the experience of those who survived, as					
22	well as commemorating those who died. It was					
23	an important first step in justice for the Grenfell					
24	community.					
25	The contents of the Phase 1 report indicated that					
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there was much to be learned from the evidence heard and the conclusions reached. The Mayor welcomes the Chairman's decision to make recommendations, and, without detailing the action to be taken, this not being the correct forum to do so, he can reassure the Chair of the commitment on his part to oversee the implementation of the Phase 1 recommendations in London, and to proactively encourage others to urgently adopt them as a matter of priority.

As the Inquiry looks forward to Phase 2, the Mayor welcomes the consideration that the Inquiry has given to the venue, and the need for it to be more easily accessible to those who were and remain most affected. The new location here in West London is a welcome step, as is the intention to appoint two panel members to assist the Chairman with the decision-making in this important phase of the Inquiry.

We support the bereaved, survivors and residents' desire to have the second panel member in place as soon as possible. It is of course a matter of regret that this has not been satisfactorily resolved, and we would invite the Chairman to take whatever steps he feels able to take to ensure that this uncertain position is remedied as soon as possible.

To that end too, we publicly invite the $$\operatorname{\textsc{66}}$$

Cabinet Office to provide an update before the commencement of the evidence next week. The Mayor is planning to write to the Prime Minister again, asking him to resolve this issue as a matter of priority.

We have seen the timetable for the work of Phase 2, and the division of the work into modules. There is, obviously, a great deal to consider. In the course of the hearings, there are likely to be issues raised which will undoubtedly give rise to consequential concerns about public safety. Given the modular structure for Phase 2, the Mayor would support and encourage consideration of interim recommendations at the conclusion of each module if it is thought necessary for immediate action to be taken to preserve life.

It is clear from the evidence heard and the conclusions reached by the Inquiry in Phase 1 that the failure of a common domestic appliance in the kitchen of flat 16 at Grenfell Tower should never have resulted in the tragic loss of life that occurred on that night.

Without revisiting the extensive evidence that was heard as part of the Phase 1 hearings, the expert evidence disclosed very significant defects, resulting in the conclusion that the building envelope "created an intolerable risk to safety resulting in extreme harm". It also highlighted an absence of proper

maintenance of active and passive fire measures.

Phase 2, Module 1 will begin the process of detailed examination of the design, construction and modification of the building, and the provision of maintenance of active and passive fire measures to determine what caused this building to fail as it did. Any investigation into those failings has to be accompanied by accountability for them.

The Mayor supports the bereaved, survivors and residents in their determination to ensure that Phase 2 of the Inquiry provides such accountability .

The Mayor joins with Mr Millett in his criticism that the openings of the corporate core participants for this part of the Inquiry are characterised by buck-passing and a conspicuous lack of acceptance of any responsibility for any elements that rendered this building non-compliant, as indeed you found it to be in your Phase 1 report.

Obviously it is to be expected that all the core participants will positively contribute to your Inquiry, ensuring that all issues are considered thoroughly. They have agreed to do so in their oral openings before you, and the Inquiry team must hold them to account to ensure that those words are borne out in practice.

An additional point that can be divined from the

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2	and your panel members to consider, is what can be done					
3	to prevent the situation that occurred here, where					
4	a very large number of contracts and subsidiary					
5	contracts have provided an environment where no one					
6	corporate participant is accountable for the whole					
7	project, where the contractual relationship appears to					
8	take priority over the successful but more importantly					
9	the safe delivery of the project, and where catastrophic					
10	failures can easily be passed off by one contractor to					
11	be the fault of another.					
12	While this phase of the Inquiry will inevitably be					
13	focused in large part on the decision-making in relation					
14	to the fatally flawed refurbishment and design of					
15	Grenfell Tower, the Mayor would emphasise that the					
16	bereaved, survivors and residents must remain central to					
17	this Inquiry and its work.					
18	Thank you.					
19	SIR MARTIN MOORE-BICK: Thank you very much.					
20	Well, that is no doubt a convenient moment at which					
21	to adjourn so we can all go and have some lunch.					
22	We will rise now and we will sit again at 2 o'clock,					
23	please. Thank you very much.					
24	(12.53 pm)					
25	(A short break)					
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written openings, and one which the Mayor would like you

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(2.00 pm)

the Brigade, and on seeking to implement them.

With that in mind, the issues in evidence which are to be examined in Module 1 and the modules which immediately follow it are of crucial importance to the LFB's learning process, so that positive changes may be fully informed by a clear understanding of how the condition of Grenfell Tower facilitated the development of the fire.

Sir, I hope that you will bear with me while I reiterate very briefly a small but crucial point in the Brigade's opening and closing statements for Phase 1, because they're relevant to Module 1 of Phase 2. That point, insofar as they touched upon the fire safety requirements of the building regulations, which require that residential high-rise buildings should be designed, built and maintained -- crucially, maintained -- to support the stay-put principle, and of course that is and was at the time of the Grenfell Tower fire central to the issues of fire safety which arise in the course of construction or refurbishment of such buildings. I do so, I revisit this, in case there is still a degree of misunderstanding in the public arena, as we think there is, about the origins and purpose of the stay-put principle.

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As certain of the Inquiry's experts have pointed out, stay-put is not a principle or policy which was invented by fire and rescue services. Far from it. It is a principle of building design and construction which is bolstered by the requirements of the building regulations.

As Dr Lane emphasised during her evidence in Phase 1:

"The fire protection measures must be constructed and then maintained to ensure that they are fit for purpose in the event of fire. The stay-put strategy is provided through design, construction and ongoing maintenance. All building occupants, including the Fire Brigade, rely on it in the event of a fire. It is the single safety condition provided for in the design of high-rise residential buildings in England. The statutory guidance makes no provision within the building for anything other than a stay-put strategy."

Now, sir, that is obviously a statement of incontrovertible fact which should, in our submission, form the backdrop to the consideration of evidence in Module 1 and beyond. Because of course, whether we like it or not, the stay-put principle is still the single safety provision for buildings of this kind, for the purposes of fire. Of course, within the meaning given

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SIR MARTIN MOORE-BICK: Now, then, Mr Walsh, you are going

3 to make a statement on behalf of the London Fire Δ Brigade. 5 Opening statement on behalf of the London Fire Brigade 6 by MR WALSH 7 MR WALSH: Yes. Good afternoon, sir. Good afternoon, 8 madam. 9 Can I make it clear from the outset of this 10 relatively brief statement of the London Fire Brigade 11 that, as Phase 2 of the Inquiry gets underway, the LFB 12 remains focused on delivering all necessary positive 13 changes to operational procedures and training which 14 reflect the lessons learned from the tragic events of 15 14 June 2017. I will come back to that in just a little 16 bit more detail in a moment. 17 Of course, now is not the time for submissions on 18 the content of your very thorough Phase 1 report. There 19

will be ample opportunity for that in Module 5, when the LFB's operational response to the fire is to be revisited, along with broader, including national, issues, as I understand it.

It is enough to say for the present that the LFB's energies are concentrated on the recommendations which you made in that Phase 1 report, which are welcomed by

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to it by Dr Lane, obviously the stay-put principle is dependent upon multiple layers of $\,$ fire $\,$ safety measures to support it .

In those circumstances, the LFB submits that the public and emergency services should be entitled to have faith in the efficacy of such a fundamental fire safety requirement, and at the very least that those who engage in major refurbishments do not do so in a way which radically undermines or even eradicates -- as appears to have occurred at Grenfell Tower tragically -- that single fire safety condition.

Phase 1 of the Inquiry was a robust and thorough examination of the operational response to the fire by the fire service and its partner services, and the LFB trusts -- indeed it knows, sir, having heard Mr Millett's opening -- that the Inquiry and its experts will apply the same meticulous scrutiny to the questions how and why Grenfell Tower came to fall so far short of these basic regulatory requirements that it was the scene of the worst and most devastating fire in residential premises since the Second World War.

A full understanding of how and why the fire took hold and developed -- which will be looked at, I know, in Module 2 and beyond, but is relevant to Module 1 -- how it developed with such rapidity and to such

an extent is also of paramount significance to fire and rescue services nationally, that is if the advancement of policy and training and learning is to be achieved to maximum effect, in the interests of public safety and that of firefighters who must be deployed into buildings to carry out fire and rescue duties.

Sir, although not strictly pertinent to Module 1, this is an appropriate moment, if you wouldn't mind, for me to gently remind you and the Inquiry team that the Brigade is strongly of the view that a detailed smoke, heat and fire modelling project will provide essential information from which fire and rescue services can plan effectively for similar incidents in the future. Such a modelling exercise will be invaluable in assessing the potential impact which the manner in which fire and smoke and heat behaved during the Grenfell Tower fire had on the viability of rescue and evacuation of residents at different times of the night.

Important information of that kind may be extrapolated to predict the behaviour of fire and smoke in any future incidents of a similar kind, and be used by fire and rescue services to assist in the continuous review of policies and procedures which are underway as we speak.

This is of particular importance given the statutory

and moral obligations which fire and rescue services have to the safety of firefighters who are deployed into buildings in a fire situation. That wasn't directly within scope in the first phase of this Inquiry, but it's particularly relevant to buildings which are fundamentally unsafe by reason of the failure of multiple levels of fire safety measures which they are supposed to be designed to provide.

In that regard, sir, the Brigade is appreciative of the fact that your Phase 1 report recognises the bravery and selflessness of firefighters who were deployed into Grenfell Tower on the night of the fire, in some cases without firefighting equipment, which created very significant risks to their safety.

Now, fire and rescue services must obviously assess and reduce, as far as is reasonably practicable, the risks to both firefighters and members of the public through the development of training and policy, and this is one of the key reasons why the detailed analysis of the range of issues to be addressed in Module 1 and beyond is of such crucial significance to fire service learning.

Now, while these opening submissions must be confined, of course, to matters under consideration in Module 1, it's important just for a moment, if I may, to

emphasise the tireless work which the LFB continues to undertake to ensure now that Londoners are kept safe in the event of fire. That wide-ranging work, which commenced immediately after the Grenfell Tower fire, has been well documented in statements to this Inquiry, and in publicly available material provided to stakeholders such as the Greater London Authority.

Close liaison with central government has also been at the heart of the LFB's programme, with a substantial investment in terms of finance, time, fire service personnel, to ensure that learning from the Grenfell Tower fire is progressed with expedition.

Not least of the LFB's priorities, as I have said, is the urgent work to address your recommendations from the Phase 1 report, which, as I have also said, are acknowledged and welcomed by the Brigade.

The Phase 1 report represented a thorough and detailed analysis of the vast amount of evidence adduced during Phase 1, and, sir, as you know, much of that evidence was derived from the LFB itself, not only in the evidence provided by Brigade staff at the live hearings, but also in the painstaking operational response reports which were compiled by the LFB over many months, beginning immediately after the fire, as I say, the contents of which, I think it's fair to say,

Consequently, the Brigade hopes that it has provided real and meaningful assistance to the Inquiry, both through the preparation of those reports and by facilitating the complex process of ensuring the attendance at the Inquiry of over 80 firefighters, who all spoke freely and we suggest candidly and openly about their experiences, and other Fire Brigade staff who gave oral evidence drawn from written statements

formed a fair amount of the factual material in the

Phase 1 report.

the night.

So the matters to be addressed in Module 1 represent the beginning of the process of learning how it was that a building that was designed and built to keep residents safe appears to have promoted the development of a devastating fire with such catastrophic consequences.

made by many hundreds of firefighters who attended on

The Brigade -- this is very important that I make this point -- has listened very hard to the findings of the Phase 1 report, and it is committed to working with the Grenfell community to do everything possible to prevent such a tragedy ever happening again, and obviously it goes without saying that the Brigade will continue to assist you and your team in the coming months in every way it can.

Finally -- and here I make no apology for again repeating what we said in the Brigade's opening and closing statements for Phase 1 -- the LFB, the London Fire Brigade, and all of those who work within it, will never forget the appalling impact which the night of 14 June 2017 had and continues to have on the bereaved, survivors and residents of Grenfell Tower and the surrounding area.

Here we join with Ms Studd's assertion on behalf of the Mayor of London in commending the Inquiry for ensuring that they have been and will continue to be central to the Inquiry process, to ensure that meaningful lessons will be learned and acted upon.

Sir, I don't think I can help any further.

SIR MARTIN MOORE-BICK: That's very helpful, thank you very much.

Now, Mr Seaward, you are going to make an opening statement on behalf of the Fire Brigades Union, I think.

Opening statement on behalf of the Fire Brigades Union by MR SEAWARD

21 MR SEAWARD: Thank you, sir, madam.

I am instructed by Thompsons Solicitors, and
I represent the Fire Brigades Union and the
firefighters, control staff and fire safety officers
whom it represents.

Our written opening submissions have been disclosed to all core participants, and, trusting you and your colleagues have read them, I won't read them out today, but instead focus on a few key issues facing the Inquiry.

The FBU remains humbled by the suffering of the deceased and the bereaved, survivors and relatives of the deceased as a result of the Grenfell Tower disaster, and committed to a full and open Inquiry.

About the panel. Two assessors remain for Phase 2, after Joyce Redfearn stepped down, and one panel member after the resignation of Benita Mehra and Professor Hamdi. The FBU is aware, in light of all the disclosure and the witness statements, of the heavy burden of evidence-weighing and decision-making that faces the Inquiry in Phase 2, and we support the application made by Michael Mansfield QC for your support in encouraging the speedy appointment of another panel member to serve with Thouria Istephan.

In this connection, the FBU invites you to reconsider recommending the appointment of an independent environmental health practitioner to serve either as a panel member or as an additional assessor. An independent and well respected expert in the fields of environmental health, social housing and

the housing health and safety rating system under part 1 of the Housing Act 2004 would complement the areas of expertise and knowledge of yourself, Ms Istephan, Professor Nethercot and Joe Montgomery.

You may wish to revisit paragraph 3 of the FBU's application of 28 November 2017 and paragraph 9 of the written submissions that we lodged in support of that same date, in support of that application for the appointment after independent environmental health practitioner. Such an individual would have experience throughout his or her working life of going into high-rise blocks and listening to the difficulties of those who live in high-rise blocks, and writing reports to try and improve the conditions of people living in high-rise blocks. They develop a profound understanding of the people who live in high-rise blocks and the problems that they face.

About interim recommendations, the FBU supports Anne Studd QC's submission on behalf of the Mayor to consider these at each module of Phase 2. The FBU can assure the Chairman that we are doing what we can to progress the recommendations that you have made.

I should say, before passing on, that we agree with all of the submissions made on behalf of the Mayor.

About the evidence in Module 1. In Phase 1, several

firefighters and control room staff who are FBU members were in the witness box for more than a day, some for two to three days. The FBU hopes the Inquiry team will likewise probe witnesses thoroughly in Module 1 on how Grenfell Tower came to be coated in a combustible rainscreen cladding system which destroyed compartmentation in the building, both between the flats and the exterior façade and across the façade and over the crown; on the knowledge and training and experience of the professionals and supervisors engaged on the project -- you will recall, of course, the firefighters were asked about their knowledge, and we expect the same to be put to the witnesses in Module 1; their attitudes to fire safety, to building control and the London Fire Brigade and how fire safety came to be afforded such a low priority; and how the use of this sort of cladding became so widespread in England.

Moving on to the blame game, the FBU welcomes
Mr Millett's exhortation to candour and the Royal
Borough of Kensington and Chelsea's admissions. We hope
others will do likewise.

As matters stand, however, and consistently with their original position statements, their opening written and, those who have made them, oral submissions of the companies and organisations involved in the

refurbishment project indicate that the key players in the refurbishment are keen to ringfence their limited involvement in the project, and thereby, whether openly or implicitly, to point the finger of blame away from themselves.

There is a circle of corporate finger-pointing. It seems that no one organisation can be singled out.

There is yet no and may never be one bad apple. Viewed with the large and widespread number of properties now blighted with Grenfell-type cladding, that indicates the problem is systemic and the whole system must be challenged. It also explains why so many victims feel so angry. We endorse Mr Maxwell-Scott's submission that this is a national problem and requires a national solution.

Those submissions that I referred to of the core participants also show that there was some apparent uncertainty and confusion about the building regulations, the guidance in the approved documents and even the meaning of the BBA certificates. There was confusion of roles and responsibilities within the project, with professionals such as Studio E and Exova assuming only a limited role, and seemingly no one taking ownership of the design of the cladding system, including the windows and the choice of materials.

So we have heard, for example, Mr Spafford highlighting this morning the difference in understanding between the TMO and Artelia of their roles under the contract and under the CDM Regulations, whether Artelia was a project manager or just a co-ordinator, employer's agents and quantity surveyor, for example whether Studio E or Artelia were appointed as lead consultant, and, for example, the TMO's decision not to employ a client design adviser. This is contentious, as appears from Ms Jarratt's oral opening submissions before lunch.

The main driver of the project was value for money, ahead of quality and programming. That appears clear from the evidence that's been disclosed to the core participants. The enforcement measures were inadequate, as has been admitted by the Royal Borough of Kensington and Chelsea in respect of building control, and there was a minimum compliance culture in relation to building works and fire safety, of waiting to be told what to do by regulators, rather than taking responsibility for building to correct standards aiming at minimum compliance instead of ensuring safety.

I just want to dwell on this minimum compliance culture for a moment. It's already exemplified to this Inquiry. Sir, a few examples.

Studio E's assertion, made by Mr Popat QC on the first day of this module at page 53 of the transcript {Day1/53}, that Rydon tended not to use architects to the extent that other contractors might and envisaged their role as being more responsive.

Exova. Exova's assertion that it was more or less left out of any communications or information or details of the proposed cladding system, made by Mr Douglas QC on the second day.

And by Mr Wehrle's internal report for Arconic on 6 July 2011, an internal report, cited by Mr Taverner QC for Rydon. Under the heading "European fire regulation", he noted Reynobond PE in cassette form was classified Euro class E, but a B class is the minimum required for façade in Europe. He went on:

That, you may find, sir, is a clear indication that at least some companies appear to have gamed the system, to have taken shortcuts with fire safety, and that must never happen again.

Dame Judith Hackitt reported an interim report in December 2017 and followed it up with her final report

in May of 2018, and all of this is foreshadowed by her reporting. In her interim report of December 2017, Dame Judith Hackitt said of the Grenfell Tower fire, "This tragic incident should not have happened in our country in the 21st century" -- I'm sure we all echo that -- and her review would provide useful background for this Inquiry.

Sir. I hope you will forgive me if I just remind the

Sir, I hope you will forgive me if I just remind the Inquiry of what she said in this context, insofar as it's relevant to Module 1. She described how the regulatory system covering high-rise and complex buildings was not fit for purpose, leaving room for those who want to take shortcuts to do so. That's page 5, paragraph 1.6 of her interim report.

Amongst so many findings to support that central conclusion, she found enforcement and sanction measures are poor and do not provide adequate means of compliance, assurance, deterrence or redress for non-compliance. That's paragraph 1.24.

Among her key recommendations was there is a need for stronger and more effective enforcement within the system, but this requires the necessary resources to be available and demonstrably independent. Those charged with enforcing must have appropriate enforcement powers.

The FBU agrees with Dame Hackitt's analysis and

contends the lack of stronger and more effective enforcement played a key causal role in the Grenfell Tower disaster. That raises the question for this Inquiry, we contend: why was enforcement ineffective?

The FBU contends that this, this Grenfell Tower tragedy, is a paradigm example of deregulation not working, that companies in the construction industry cannot be trusted to regulate themselves, that over a decade of austerity cuts have reduced the effectiveness of building control and of the fire safety department.

In her final report of May 2018, Dame Hackitt noted fire events since Grenfell. Obviously there have been many more since Dame Hackitt's final report, but she noted the ones until then. She said:

"Subsequent events have reinforced the findings of the interim report and strengthened my conviction that there is a need for a radical rethink of the whole system and how it works. This is most definitely not just a question of the specification of cladding systems, but of an industry that has not reflected and learned for itself."

That's page 5 of her final report.

She listed the key issues underpinning the system

failure . The reason I just summarise those below is because they reflect what I said earlier , and you may find that it's almost a template for Module 1 of this Inquiry.

 $\mbox{Sir}\,,$ the key issues underpinning the failure of the regulatory regime:

Ignorance. Regulations and guidance weren't always read by those who need to, and when they do read them, the guidance is misunderstood and misinterpreted.

Indifference. The primary motivation is to do things as quickly and cheaply as possible, rather than to deliver quality homes which are safe for people to live in. When concerns are raised by others involved in building work or by residents, they are often ignored. Some of those undertaking building work failed to prioritise safety, using the ambiguity of regulations and guidance to game the system.

Thirdly, lack of clarity on roles and responsibilities -- I won't quote all that she says about it -- and inadequate regulatory oversight and enforcement tools.

Sir, a major part of the reasons underlying the systemic failure in Dame Hackitt's assessment is the absence of effective enforcement.

Judging from the opening submissions of the core

participants to this Inquiry, Dame Hackitt could have been writing about this very refurbishment project. The FBU hopes the Inquiry will explore this minimum compliance culture -- or "race to the bottom", as she described it in her report -- in the Grenfell Tower refurbishment project to discover whether the failure of the enforcement agencies, particularly building control and the fire safety department, played a causal role in the tragedy.

At the risk of trespassing onto the ground reserved for Module 5, but to explain the FBU's interest in Module 1, the FBU contends that at the very time that their job was becoming much more complex with deregulation, which facilitated a much more flexible approach to design and construction, successive cuts over the last decade have led to reduced staffing levels and enforcement budgets for building control and the fire safety department. So it's a double whammy: the job is getting more complicated, the staff is being reduced, and the funds for enforcement.

Also, that deregulation has increased the workload of enforcers by making their jobs more complex, this at a time when they are subject to cuts, staff shortages, increased workloads. I won't cite it because it hasn't been disclosed yet, but see, for example, the witness

statement under unique ID {RBK00033934} at paragraphs 3 to 4. As Dame Judith Hackitt says at paragraph 3.23 of her interim report, having a performance-based system which relies on sophisticated judgements places increased reliance on the competence of those undertaking the design and construction of the buildings and the skill and rigour of the regulators verifying the quality of the work that's done. Sir, the current regulatory regime allows greater flexibility in design and construction, but, as the statistics show, the enforcement authorities are denied a commensurate increase in resources to provide and train enough building control officers to do the extra work involved. The same applies to the fire safety department.

There was obviously ineffective enforcement of the building regulations in this refurbishment. The FBU contends that poor enforcement encouraged the minimum compliance culture that I spoke of earlier, which enabled the companies involved in the project to game the system, take shortcuts and create this fire hazard.

The FBU contends the Inquiry should explore whether deregulation and cuts to building control and the LFB, particularly the fire safety department, materially

contributed to the failure of effective enforcement of the building regulations in the course of this refurbishment project.

Thank you, sir .

SIR MARTIN MOORE-BICK: Thank you very much, Mr Seaward.
(Applause)

I think we don't have applause, I'm afraid, just listen quietly. Thank you.

9 Now, Mr Mansfield, I said I would hear you at this 10 point. Are you ready?

11 MR MANSFIELD: Yes, I am.

 $12 \quad \text{SIR MARTIN MOORE-BICK: Yes, Mr Mansfield.} \\$

Submissions by MR MANSFIELD
 MR MANSFIELD: Sir, madam. May we thank you for the

opportunity. I will be very brief.

The timing of this application on behalf of certain corporates with regard to whether they will answer questions or have immunity -- both are linked -- in relation to those questions is highly reprehensible and highly questionable, coming on the eve of evidence. There has been plenty of time for this to have been considered, as it does normally in inquiries and inquests, with many weeks to go before you actually get to the evidence.

So we have a major question over why it's been done

today, because it has caused -- and I speak for Team 2 and Team 1 on this issue -- immense anxiety, distress and anger, at a time which has come throughout a much longer period of waiting after this disaster, of waiting to get to the point of accountability, as it were to be almost thwarted at the doors of the court.

As far as that is concerned, therefore, I'm not at this moment going to go into the substance of it all, merely to ask for your indulgence in a couple of ways.

One of them is that we don't seek to delay these hearings at all. There is no desire -- I entirely support your desire to conclude these matters within a reasonable timeframe.

However, as you are aware, Team 1 and Team 2 comprise a very large number of BSRs, many of whom or some of whom don't live in London, some live abroad, and getting them together -- they're not all here today -- so that they can be spoken to together rather than in a piecemeal fashion over telephone calls and so on is a task which we would not engage in if this was a minor matter. You will appreciate of course that this decision will have far-reaching effects for the quality and nature of this whole Inquiry. Therefore, explaining what the repercussions are of the various options that are open to the families to, as it were, contribute to

you and your panel member's decision is something which is taken very responsibly.

As far as that is concerned, we have already begun the process. However, we are sitting tomorrow, and we are not suggesting the application shouldn't be made tomorrow; we would ask that they do, those who want to make this, so that we can see whether the terms of what is said tomorrow on their behalf measures with the written material we have already been provided with, and then we can make sensible measures to advise those people. We can't do it tomorrow afternoon, unfortunately.

So you know the proposal, there is going to be an attempt to, as it were, hire a public building in London not far from here where they will all gather. Those of us, as it were, who represent the BSRs have talked about this. It is possible to get the vast majority to one place at one time to be advised by all those who represent so it's done as you would wish it, namely not staggered. But that will take some time on Friday.

We would therefore come to the bald point, which is this: would you be kind enough to allow us to make representations orally on Monday morning first thing? Before that, we would endeavour to get written

2	what we may want to say.					
3	SIR MARTIN MOORE-BICK: That would be helpful.					
4	MR MANSFIELD: And it should shorten matters. I think it's					
5	shown, actually, over the openings, it has made					
6	a difference to do it in writing first .					
7	So we would endeavour to do that, I can't commit					
8	those who are actually doing the writing, but well					
9	before Monday morning.					
10	I pause in case somebody wants to correct me. No.					
11	Unless there is any matter you would like to ask me,					
12	I hope that's helpful.					
13	SIR MARTIN MOORE-BICK: It's very helpful. I agree, this					
14	application has come very late in the day and at a most					
15	inconvenient time.					
16	MR MANSFIELD: Yes.					
17	SIR MARTIN MOORE-BICK: The programme for Module 1 I think					
18	has been out in the open for several weeks, and the					
19	arrangements to call witnesses starting on Monday has					
20	been established for a long time, so it's very					
21	disappointing I might even use a stronger word					
22	that the application is being made so close to the date					
23	for calling witnesses. I fully understand that you need					
24	time to explain to your clients what is and what is not					
25	involved, so I have a lot of sympathy with what you are					
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submissions to both of you so you see in advance roughly

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asking for.

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Can I ask you to pause there for a moment, just to see if Mr Millett, who of course bears primary responsibility for organising what we do next week, wants to say anything about it, because it will mean changing the arrangements we have already made for witnesses to attend on Monday.

8 MR MANSFIELD: Hopefully only slightly, but ...

SIR MARTIN MOORE-BICK: Well, the difficulty is that I will 9 10 have to hear submissions on Monday. I shall then have 11 to consider what I have heard, formulate my own 12 decision. If it's my decision that I should approach 13 the Attorney, then that will take a little bit of time 14 to organisation and may disrupt further the existing 15 programme. That's not your fault, and there is nothing 16 any of us can do about that, but I just think it would 17 be helpful to give Mr Millett a chance, to see whether 18 he has anything more to say. 19

Mr Millett, do you have any response? 20 MR MILLETT: Mr Chairman, no, I don't, other than to say that if Mr Mansfield thinks, on reflection, that he 22 needs the time over the weekend both to provide you and 23 indeed my team with written submissions and properly to be able to advise his clients so that they fully

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understand the ramifications of what's involved and to

1 make a considered decision, then that's most important.

2 SIR MARTIN MOORE-BICK: Yes

3 MR MILLETT: I am sure that we can make whatever adjustments 4 to the timetable that we can for Monday suitably in

5 advance. Of course, you will understand, Mr Chairman, 6 that we have two witnesses currently slated for Monday,

7 but if we start a little bit later on Monday and there 8 is a small impact on the timetable, if it's to hold up,

9 then that can be accommodated.

10 Can I just say something else. Mr Mansfield 11 mentioned hiring a hall somewhere. All I would do is 12 extend the invitation to him to come to talk to us after 13 this to see whether this room might be available. 14 I speak without any instructions at all, but it does seem to me to be inconvenient to the BSRs to have to

15 16 find somewhere else.

17 SIR MARTIN MOORE-BICK: That's a good idea. Thank you very 18 much, that's very helpful.

19 MR MANSFIELD: I'm most obliged.

20 SIR MARTIN MOORE-BICK: Mr Mansfield, as I have already 21 said, I do understand the difficulties you have in 22 explaining to your clients -- of whom there are very

23 many, of course -- what this proposal involves and what

2.4 it does not involve.

25 MR MANSFIELD: Yes.

SIR MARTIN MOORE-BICK: So what I am going to say is: yes,

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2 I will hear the application tomorrow afternoon as

3 I indicated this morning as far as the applicants are Δ concerned. I will then adjourn it to enable you to

5 address me on Monday morning in the light of whatever

6 instructions you are then holding.

7 MR MANSFIELD: I am most obliged, thank you.

8 SIR MARTIN MOORE-BICK: If we take that first thing on 9 Monday morning at 10 o'clock, that will obviously 10 disrupt Monday's proceedings to some extent, but it 11 probably won't last too long, will it? Because there is

12 only a certain amount that can be said.

13 MR MANSFIELD: Well, I had better not make any promises.

14 I think we can be succinct, and we don't wish to delay 15 matters. I would have thought -- well, a couple of

16 hours perhaps should be mentally put aside.

17 SIR MARTIN MOORE-BICK: All right. Well, don't worry about 18 the witness arrangements for next week, that's something 19 that we will take care of, but we will hear you at 20 10 o'clock on Monday morning.

21 Are you going to address me on behalf of Team 1 and 22 Team 2 as we call you, is that right?

23 MR MANSFIELD: I think there is a consensus that I should do 24 it. I'm not doing the openings, can I make it clear,

25 tomorrow.

1	SIR MARTIN MOORE-BICK: I noticed that. I have been given	1	SIR MARTIN MOORE-BICK: We will sit again at 3 o'clock. At
2	the names of those who are.	2	that stage, you can tell me how you are placed, and you
3	MR MANSFIELD: I am concerned in a later module. Certainly	3	can take instructions in the meantime and then we will
4	I'm very happy, unless somebody else wishes to do it, to	4	see where we go.
5	do it on Monday morning.	5	MS BARWISE: Most grateful.
6	SIR MARTIN MOORE-BICK: Yes. All right. Probably I can't	6	SIR MARTIN MOORE-BICK: Although I'm anxious to use the time
7	help you any further at the moment, can I?	7	available, I'm equally anxious not to put you in
8	MR MANSFIELD: No, thank you.	8	a difficult position.
9	SIR MARTIN MOORE-BICK: Thank you very much.	9	MS BARWISE: I'm most grateful for that, sir.
10	Now, we have made, again, extremely rapid progress.	10	Just to say that on Monday, when you hear the
11	I wonder if I could trouble Ms Barwise to come up to the $$	11	application, we would probably make some very short
12	desk for a moment. It's very hard to talk to you at	12	observations, but they would be brief.
13	such long range, I'm afraid.	13	SIR MARTIN MOORE-BICK: All right. We will rise now and
14	The reason I asked you to come up is because we have	14	come back at 3 o'clock, please.
15	now got to the end of the business that was scheduled	15	MS BARWISE: Most grateful.
16	for today.	16	(2.45 pm)
17	MS BARWISE: Yes.	17	(A short break)
18	SIR MARTIN MOORE-BICK: But, as we have just been	18	(3.00 pm)
19	discussing, we have additional business to fit in	19	SIR MARTIN MOORE-BICK: Before we go any further, can I just
20	tomorrow afternoon, at the end of a day in which, by my	20	mention one thing in relation to this application that
21	reckoning, we have three and a half hours' opening	21	we were discussing just before the adjournment.
22	statements scheduled, and I was going to have the	22	I thought we had made it clear in the letter that
23	temerity to ask you whether you are ready to go this	23	was sent to core participants, I think this morning or
24	afternoon or would be if I were to adjourn now for	24	maybe last night, that all core participants who want to
25	quarter of an hour to give you time to collect yourself?	25	say something about the application are entitled to do
	97		99
1	MS BARWISE: Yes, perhaps quarter of an hour so that I can	1	so, but it would be very helpful if anyone who does have
2	make sure I	2	a position would give me a brief statement of what that
3	SIR MARTIN MOORE-BICK: I don't want to put you under any	3	position is as soon as it's able to do so. It doesn't
4	pressure. I know you will have been expecting to	4	have to be anything lengthy, just give me an indication
5	address us tomorrow.	5	of where you stand.
6	MS BARWISE: Yes, I was.	6	It would also be very helpful if you want to address
7	SIR MARTIN MOORE-BICK: But it seems a shame at 2.45 to have	7	us orally on the application, that you make that clear
8	another short day.	8	and give me a rough indication of how long you think you
9	MS BARWISE: Yes, and I totally understand that. The only	9	might require for that purpose. Then we can plan for
10	thing I would just like to check with my solicitors is	10	the application in what I hope will be a satisfactory
11	I know that some clients had planned to come tomorrow	11	way.
12	for our opening, and that does give me a little	12	Now, Ms Barwise, I'm sorry, I put you on the spot
13	difficulty . In answer to your question, I understand	13	earlier on.
14	your timetabling, I would be more than welcome to	14	MS BARWISE: I'm most grateful for the time, sir.
15	oblige, but I think there is just that issue, that many	15	The position is that there are lots of clients who
16	have made plans.	16	are coming tomorrow especially. I believe that's also
17	SIR MARTIN MOORE-BICK: That's a very proper consideration,	17	true of T2 as well. So I'm afraid I personally would
18	so I'm not going to put you under any pressure, and	18	prefer not to, for that reason. But of course grateful

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for the opportunity, but I'm afraid I can't ...

MS BARWISE: I'm most grateful. $\,\,$ I hope they won't be. SIR MARTIN MOORE-BICK: I'm sure they won't.

feet, then they mustn't be disappointed.

SIR MARTIN MOORE-BICK: No. I do understand. If people are

In that case, we have reached the end of the

coming tomorrow because they expect you to be on your

need to say today.

of an hour.

MS BARWISE: Yes.

indeed you might not want to say everything that you

MS BARWISE: I was going to add a few things, sir, in light

SIR MARTIN MOORE-BICK: Well, look, we will rise for quarter

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         programme for today. Again, we have done so rather more
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         quickly than we thought was going to be the case, but
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         there it is.
 4
             We have to stop there, and we will resume tomorrow
 5
         at 10 o'clock, when we shall see you again, Ms Barwise.
 6
     MS BARWISE: Most grateful, sir.
 7
     SIR MARTIN MOORE-BICK: Thank you.
 8
             10 o'clock tomorrow, please. Thank you.
 9
     (3.02 pm)
10
                (The hearing adjourned until 10 am on
11
                     Thursday, 30 January 2020)
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