

03rd July 2019

Email: [REDACTED]

Re: Acknowledgement of FOI request IE_FOI_247

Dear [REDACTED]

I refer to your request dated 2nd May 2019 made under the Freedom of Information Act 2014, which was received by my office on that date, for records held by Iarnród Éireann.

Request:

- All internal correspondence relating to Wifi on Irish Rail train services within the last six months.
- The number of arrests made in relation to incidents which occurred on Irish Rail trains from April 2018- April 2019.
- The number of anti-social incidents reported on Irish Rail trains from April 2018- April 2019 and the nature of these arrests.

You have sought access to the records as listed above and I consider this an appropriate form of access in this case. Accordingly, a copy of the records is now attached including a copy of the schedule to these records.

Rights of appeal

In the event that you are not happy with this decision you can make an appeal in relation to this matter, you can do so by writing to the FOI Unit, Corporate Communications, Iarnród Éireann Irish Rail, Connolly Station, Amiens St, Dublin 1 or by e-mail to foi@irishrail.ie. You should make your appeal within 4 weeks (20 working days) from the date of this notification, where a day is defined as a working day excluding, the weekend and public holidays, however, the making of a late appeal may be permitted in appropriate circumstances.

The appeal will involve a complete reconsideration of the matter by a more senior member of the staff of this body.

Should you have any questions or concerns regarding the above, please contact the FOI Officer on 01, 7034293.

Yours sincerely,

Mr. Paul Slowey and Ms Gwen Jones
Decision Maker

PP: Lynette O'Toole



Data Protection/Freedom of Information Officer

I refer to the request which you made under the Freedom of Information Act 2014 for records held by this body:

All internal correspondence relating to Wifi on Irish Rail train services within the last six months.

I have attached relevant documents.

From: [REDACTED]
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Wifi not working on Dublin to cork train
Date: 04 February 2019 10:33:00
Attachments: [REDACTED]

Hi [REDACTED],

Wi-Fi is outsourced by Fleet Connect we have no control over it.

Customers who encounter any problems can call the Fleet Connect on 0818 333 388 (Monday-Friday 06.00 - 23.00) or email support@fleetconnect.ie.

Kind Regards,

[REDACTED]

Digital Channels Department
Iarnród Éireann Irish Rail

Digital Channels Department, Iarnród Éireann Irish Rail, Connolly Station, Amien Street, Dublin 1.

✉: digital@irishrail.ie 🌐: www.irishrail.ie

Save up to 52% on the cost of your commute – www.taxesaver.ie

Iarnród Éireann [Facebook](#), [Twitter](#) and [LinkedIn](#)



Please don't print this e-mail unless you really need to.

From: [REDACTED]
Sent: 01 February 2019 16:40
To: [REDACTED]
Cc: [REDACTED]
Subject: Wifi not working on Dublin to cork train

Good afternoon team

I have just received a call from an irate person whom is on Dublin to cork just now and WIFI not strong enough for [REDACTED] to uplaod a digital picture / file

[REDACTED] is very inconveniences as she will miss a deadline in relation to her work.

Kind regards

[REDACTED]

From: [REDACTED]
To: [REDACTED]
Subject: Re: Collection of email address to access Wifi
Date: 14 March 2019 13:40:39

just for Marketing and it is fair and proportionate for that purpose.

From: [REDACTED]
Sent: Thursday 14 March 2019 13:39:41
To: [REDACTED]
Subject: RE: Collection of email address to access Wifi

Thanks [REDACTED]

On what basis do we collect the email address? Is it needed for any reason outside the marketing etc?

[REDACTED]

From: [REDACTED]
Sent: 14 March 2019 13:35
To: [REDACTED]
Subject: Re: Collection of email address to access Wifi

It is sent to a third party for processing (Icomera). They delete the data after 4 weeks. If you opt in to Marketing as part of the wifi log in process we then store your data in Dynamics & Marketo.

From: [REDACTED]
Sent: Thursday 14 March 2019 12:02:42
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: Collection of email address to access Wifi

Hi [REDACTED]

See below. Can you advise and I can then amend the site?

Get [Outlook for iOS](#)

From: [REDACTED]
Sent: Thursday, March 14, 2019 11:59 a.m.
To: [REDACTED]
Subject: FW: Collection of email address to access Wifi

Hi [REDACTED],

See query below.

Thanks



From:

Sent: 14 March 2019 11:56

To:



Subject: Collection of email address to access Wifi

Hi,

I just read through your Privacy Notice and, I may have missed it, but I didn't see what the basis for collecting the email address to access wifi? What retention policy applies to the data and is it sent to any 3rd party processors?

Thanks,


①

From: [REDACTED]
Sent: 06 February 2019 11:32
To: [REDACTED]
Subject: 1-EC Proposal Form and appointment of an EC Project Manager-ECP form 475.docx
- Evad WIFI upgrade ECR
Attachments: 1-EC Proposal Form and appointment of an EC Project Manager-ECP form 475.docx

Hi [REDACTED]

Can you approve this ECP for a project manager please as the project sponsor. I have nominated myself as PM, and have completed as a local approval as per standard 316 as the risks are mitigated by the existence of a similar system that is being replaced.

Regards
[REDACTED]

	CME Department		Reference	475 -ECP
			Issue	1
	Engineering Change Proposal Form and appointment of an EC Project Manager		Date of Issue	
			Prepared by	

Title:	New Passenger Public WIFI Replacement
Fleet / Equipment:	ICR Passenger WIFI

Brief description of the proposed change. <i>IE has awarded a new supplier the contract to replace the existing Passenger WIFI system with a new Passenger WIFI system for all fleets in the IE network.</i> <i>The new system will incorporate the existing Nexala systems that were imbedded in the existing Icomera hardware via a virtual image.</i>

Reason / Background for the proposed change. <i>Existing contracts expired and a new tender was run to find a replacement or upgrade for the existing systems that were deemed obsolete now.</i> <i>A new supplier won the tender and they will change the existing equipment out for their own new equipment.</i>

Process Selection

This change proposal is for:	<input checked="" type="checkbox"/> Technical Change	<input type="checkbox"/> Procedural Change
Is APIS required? (Please see RU-SMS-014)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Assessment of significance (as per RU-SMS-014)

Additionality Assessment of the Significance of the Change taking into account all recent safety related modification to the system under assessment and which were not judged as Significant (please see RU-SMS-014).	Are there recent safety related modifications to the system under assessment which need to be assessed for Significance? <input type="checkbox"/> Yes (If yes, please describe below) <input checked="" type="checkbox"/> No
<i>The system proposed is a like for like replacement of the existing system and therefore no risk is presented as existing systems operated without failure.</i>	

Novelty The novelty factor and any innovative designs or methods, considering both what is innovative in the railway sector and what is new to just IE RU.	Low Novelty	<input type="checkbox"/>	Existing system. In use elsewhere in RU.
	Medium Novelty	<input checked="" type="checkbox"/>	Existing in rail industry. New to RU.
	High Novelty	<input type="checkbox"/>	Novel design in rail industry.
<i>The proposed system is being used on train fleets elsewhere in the world. It's a standard router, and antenna and mobile sim setup. No dependency on Intercar jumpers as network is meshed wirelessly.</i>			

Complexity The degree of complexity of the change shall be defined and justified using the following guidance:	Low Complexity	<input type="checkbox"/>	Simple System/asset/process, minimum interfaces
	Medium Complexity	<input checked="" type="checkbox"/>	Relatively complex
	High Complexity	<input type="checkbox"/>	Very complex/Multiple Interfaces
<i>There is a degree of complexity as we will be installing a router and antennas on each coach as compared to the existing setup up of 1 Router and several AP's. This new setup will require additional design and drawings for the concept and will require input from several departments such as , Drawing office, FTS, Business Systems.</i>			

Uncertainty Combination of Novelty and Complexity (please see RU-SMS-014).	Very Low degree of Uncertainty	<input type="checkbox"/>
	Low degree of Uncertainty	<input type="checkbox"/>
	Medium degree of Uncertainty	<input checked="" type="checkbox"/>
	High degree of Uncertainty	<input type="checkbox"/>

Failure Consequence	Insignificant Failure Consequence	<input checked="" type="checkbox"/>
	Marginal Failure Consequence	<input type="checkbox"/>
	Critical Failure Consequence	<input type="checkbox"/>

Engineering Change Proposal Form and appointment of an EC Project Manager

The failure consequence and credible worst case scenario taking into account the existence of safety barriers outside the system (please see RU-SMS-014).

Catastrophic Failure Consequence



The failure consequence is low as most of the equipment will be behind the fascia of the panels. Low risk of antenna being struck by an object and becoming damaged in travel.

(Only complete this section if additional criteria need to be considered for Significance)

Monitoring The ability to monitor the Change throughout the life cycle of the system/asset/process and to take appropriate interventions (please see RU-SMS-014).	Easy Monitoring	The monitoring arrangements are such that early or real time indication of potential failure will be provided to persons with the competence and authority to take action to intervene.	<input type="checkbox"/>
	Medium Monitoring	The monitoring arrangements are such that some prior indication of potential failure will be provided.	<input type="checkbox"/>
	Difficult Monitoring	The new or changes system is such that it is difficult to observe a Hazard or failure mode developing, before an undesirable event occurs.	<input type="checkbox"/>

(Please enter reason for your selection here, expand the box if needed)

(Only complete this section if additional criteria need to be considered for Significance)

Reversibility The inability to revert to the system before the Change (please see RU-SMS-014).	High	Technically possible to reverse, and likely to be an acceptable intervention	<input type="checkbox"/>
	Medium	Technically possible to reverse, but unlikely to be an acceptable intervention	<input type="checkbox"/>
	Low	Difficult technically to reverse and unlikely to be an acceptable intervention	<input type="checkbox"/>

(Please enter reason for your selection here, expand the box if needed)

Significance Determination of Significance based on Uncertainty of Outcome x Failure Consequence (please see RU-SMS-014).	The change has been considered non-significant			<input checked="" type="checkbox"/>
	The change has been considered significant			<input type="checkbox"/>
	It has been deemed necessary to apply additional criteria. <i>Where the decision about whether the Change is 'Significant' or 'Non-Significant' cannot be made on the basis of the uncertainty of outcome' x 'consequence of failure test, monitoring and reversibility of the Change (above) shall then be considered as additional criteria.</i>			<input type="checkbox"/>
	Determining Significance based on 'Monitoring' x 'Reversibility'.	Based on combination of the Monitoring and Reversibility criteria (above) the change is:	Significant	<input type="checkbox"/>
			Non-Significant	<input type="checkbox"/>

Does the change affect more RU/IM departments?

(Please see RU-SMS-014, Figure 1)

☐ Yes

(Process 3a, 5a)

☒ No

(Process 3b, 5b)

Internal CME Departments / Individuals from which support is required or who should be notified of the change? (Tick Box / Delete as Applicable)

Department / Person	Support	Notification	Department / Person	Support	Notification
CME	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bogle & Wheel Shop Manager	<input type="checkbox"/>	<input type="checkbox"/>
CME Technical Manager	<input checked="" type="checkbox"/>	<input type="checkbox"/>	FCR Manager	<input type="checkbox"/>	<input type="checkbox"/>
Drawings & Design Office	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CME Safety Manager	<input type="checkbox"/>	<input type="checkbox"/>
CME Technical Approvals Manager	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CME Quality Manager	<input type="checkbox"/>	<input type="checkbox"/>
CME Fleet / Depot Manager	<input type="checkbox"/>	<input checked="" type="checkbox"/>	CME Finance Manager	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	CME Department		Reference	475 -ECP
			Issue	1
	Engineering Change Proposal Form and appointment of an EC Project Manager		Date of Issue	
			Prepared by	

CME Heavy Maintenance Manager	<input type="checkbox"/>	<input type="checkbox"/>	Other Departments (Specify)	<input type="checkbox"/>	<input type="checkbox"/>
FTS Manager	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other Departments (Specify)	<input type="checkbox"/>	<input type="checkbox"/>
Other Departments (Specify)	<input type="checkbox"/>	<input type="checkbox"/>	Other Departments (Specify)	<input type="checkbox"/>	<input type="checkbox"/>

Is the change safety critical?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
--------------------------------	------------------------------	--

Safety Critical – Critical to and a direct influence on the safe operation of Rolling Stock.

EC Approval Level (Please select a process based on the above criteria. See flowcharts in Appendixes 1 and 2 of CME-TMS-316)	
APIS (RU-SMS-014- Process 1)	<input type="checkbox"/>
SVP - Significant Change (RU-SMS-014- Process 2/4)	<input type="checkbox"/>
SVP – Other departments (RU-SMS-014- Process 3a/5a)	<input type="checkbox"/>
SVP - CME MESSG (CME-TMS-316 Process 3b-3/5b-3)	<input type="checkbox"/>
CME-TMS-316 Only (Process 3b-1/5b-1, 3b-2/5b-2)	<input checked="" type="checkbox"/>
CME-TMS-316 Only (Process 3b-0)	<input type="checkbox"/>

Business Case for change (Estimated cost for design, development and labour and material for implementation of the change. Benefits of making the change - quantify how the change lowers cost or prevents avoids delays, etc.) €5 Million, this is the cost for provision of the entire system excluding the cost of data. It covers design, procurement of equipment, implementation and installation of same, and setup. The benefits are better WIFI for passenger service with more bandwidth and closer monitoring ability of the systems, data usage and costs by better filtering nad restrictions on the systems.

Budget Holder confirmation of agreement to support the change			
Name	Title	Signature	Date
Peter Smyth	CME		

Suggested Stages	<input checked="" type="checkbox"/> E-Concept	<input checked="" type="checkbox"/> D-Preliminary Design	<input checked="" type="checkbox"/> C-Overall (detailed) Design
	<input checked="" type="checkbox"/> T-Testing	<input checked="" type="checkbox"/> B-Interim Operation	<input checked="" type="checkbox"/> A-Completion
Project Proposer to tick suggested stages to be completed.			

Change Proposal approved?	
Yes <input type="checkbox"/>	If the change proposal is approved and the change is required to be validated as per RU-SMS-014, sign the 'Engineering Change to follow RU-SMS-014 Process' box below and appoint Project Manager as per RUS-SMS-014, Appendix 1 If the change proposal is approved and the change is required to be validated as per CME-TMS-316 then complete and sign the 'Engineering Change to follow CME-TMS-316 Process' box below
No <input type="checkbox"/>	Do not sign any of the boxes and provide feedback to Engineering Change proposer on whether ECR proposal should be resubmitted with changes

Engineering Change to follow RU-SMS-014 Process The Engineering Change proposal has been approved. The Engineering Change requires approval through the RU-SMS-014 process and the Project Manager will be appointed as per RU-SMS-014, Appendix 1.

Engineering Change Proposal Form and appointment of an EC Project Manager

Signed

Position

CME Business Systems Manager

Date

06/02/19

Engineering Change to follow CME-TMS-316 Process/CME-TMS-316 3b-0 Process (delete as appropriate)

I have appointed _____ as a **Project Manager** for the above **Engineering Change**, who will be accountable for the implementation of the CME-TMS-316 process in relation to validation of this change and ultimately for the safe implementation of the Change.

Signed

Position

Date

Engineering Change to follow CME-TMS-316 Process - Acceptance

I accept the appointment as **Project Manager** for the above **Engineering Change** and will be accountable for the implementation of the CME-TMS-316 process in relation to validation of this change and ultimately for the safe implementation of the Change.

Signed (Project Manager)

Date

The certificate below is for process 3b-0 only

The following documentation has been subject of review for the ECR (3b-0 only, otherwise as per ECASA):

The Undersigned, having examined the following submitted documentation consider that:


- The appropriate CME ECR Process has been followed.
- Affected CME stakeholders have been represented in the project team by a suitably competent individual.
- Foreseeable safety hazards, associated with the phase to which this Certificate relates, have been identified, appropriate Safety Measures put in place, and the residual risk arising from the identified hazards is acceptable.

This CME Certificate is awarded for use under the conditions listed in the Proposal Form, Hazard Log and supporting documentation and any additional conditions listed below:

1.

2.

①

 Iarnród Éireann Irish Rail	CME Department	Reference	475 -ECP
		Issue	1
		Date of Issue	
		Prepared by	
Engineering Change Proposal Form and appointment of an EC Project Manager			

Validated on.....in accordance with CME Standard CME-TMS-316

.....
Approval Authority

From: [REDACTED]
Sent: 06 February 2019 11:50
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: 1-EC Proposal Form and appointment of an EC Project Manager-ECP form 475.docx - [REDACTED] WIFI upgrade ECR

Yes agreed

[REDACTED] will organize my signature

Thanks

Sent from my iPhone

On 6 Feb 2019, at 11:32, [REDACTED] wrote:

Hi [REDACTED]

Can you approve this ECP for a project manager please as the project sponsor. I have nominated myself as PM, and have completed as a local approval as per standard 316 as the risks are mitigated by the existence of a similar system that is being replaced.

Regards
[REDACTED]

<1-EC Proposal Form and appointment of an EC Project Manager-ECP form 475.docx>

Mander Gary

From: [REDACTED]
Sent: 11 December 2018 20:11
To: [REDACTED]
Subject: [REDACTED] WiFi

[REDACTED]

Has the [REDACTED] challenge been fully responded to?

Is the WiFi contract award now able to proceed?

[REDACTED]

Sent from my iPad

Page 10 of 10

□ □ □ □ □

11

114


McGraw-Hill

Mander Gary

From: [REDACTED]
Sent: 29 April 2019 15:53
To: [REDACTED]
Cc: [REDACTED]
Subject: FW: [REDACTED]
Attachments: image001.png; Mimecast Attachment Protection Instructions; IUK-Irish Rail Letter-2604-v2.pdf

Hi [REDACTED]
Would it be possible for you to come back to me with some information relating to the following;

1. TOTAL COST – Based on the fact that the winning bidder is offering a solution based on a per vehicle system with no requirement for backbone cabling or jumpers we don't believe tenders were evaluated on a like-for-like basis.

Could you comment on the technical elements of the IÉ specification and if there were any requirements for backbone cabling or jumpers?

2. SYSTEM RELIABILITY & MAINTAINABILITY

Could you comment on the 'does not read across into an automatically higher reliability or easier maintainability' statement in the letter?

Thanks
[REDACTED]

From: [REDACTED]
Sent: 29 April 2019 14:12
To: [REDACTED]
Subject: [REDACTED]

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

Dear [REDACTED]
Please see letter attached to Irish Rail in relation to the recent Wifi tender that ran over nearly 3 years. When the announcement was made we were not successful we did not object then, as we were advised not to at that time. Maybe that conversation needs to happen face to face.

At this stage we would like a full hearing and investigation into the process and how we have been treated in this matter.

We have sought legal advice and its best we just send in our story and feelings ourselves for now as there is so many inconsistencies in this process.

So can you let me know when we can get some answers on this so we can at least get the chance to price a lesser like for like solution as in the same as the successful bidders produced.

Best regards
[REDACTED]

Best, Regards,



Company Registration Number: 459721 - VAT Number: IE9695347A

This email, its content and any files transmitted with it are for the personal attention of the addressee only, any other usage or access is unauthorised. It may contain information which could be confidential or privileged. If you are not the intended addressee you may not copy, disclose, circulate or use it. If you have received this email in error, please destroy it and notify the sender by email. Any representations or commitments expressed in this email are subject to contract. Although we use reasonable endeavours to virus scan all sent emails, it is the responsibility of the recipient to ensure that they are virus free and we advise you to carry out your own virus check before opening any attachments. We cannot accept liability for any damage sustained as a result of software viruses. We reserve the right to monitor email communications through our networks.



Procurement Manager
Iarnród Éireann - Irish Rail (Railway Undertaking)
Inchicore Railway Works
Inchicore
Dublin 8

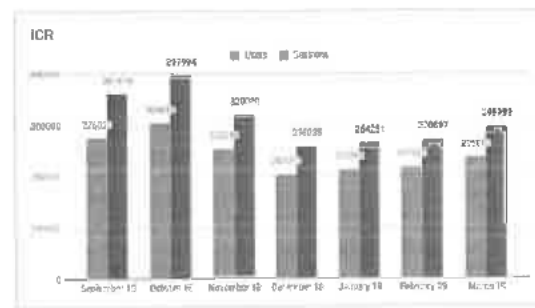
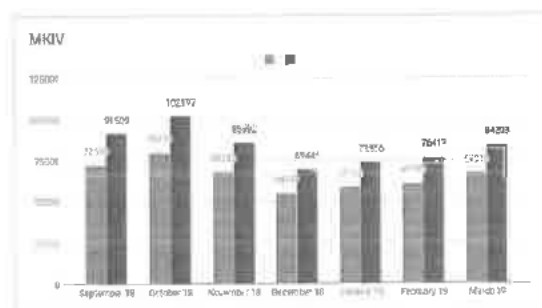
26th April 2019

Your Ref: 6560

Dear

Re Response to Irish Rail Tender for Onboard WiFi 6560

As you are aware participated in the 2017 tender process for Onboard Wi-fi Provision across all Irish Rail train fleets. This was a re-run of the previous 2016 Onboard Wi-fi tender process. As you can see from Appendix A, this process took 22 months from start to conclusion, with many periods of no communication from Irish Rail, unless we chased for updates. During this time we continued to support and deliver the Irish Rail wi-fi service as normal and, despite the age of the solution currently deployed on the fleet, it continues to consistently serve around 300,000 wi-fi users per month on the intercity fleets alone.



[REDACTED]

Irish Rail is [REDACTED] primary customer in Ireland and, as such, the ongoing uncertainty caused by the protracted tender process has had a damaging effect on staff morale and the business itself. We have lost several members of staff as a direct result of this, the latest of which was recently poached by Irish Rail's new onboard wifi supplier [REDACTED] who we understand has yet to even complete technical evaluation of its system on the Irish Rail fleet and has no track record for delivering transport wi-fi services.

As a small-medium sized Irish business, which has won a number of enterprise awards for our innovation and customer service, the damaging effects of the Irish Rail tender process (not the outcome, the process) could be disastrous and while we acknowledge the outcome of the tender evaluation (see our feedback in Appendix 2) we do not feel [REDACTED] have been treated reasonably or fairly through this process and furthermore we believe the behaviour of Irish Rail has lacked transparency; specifically we note there was no opportunity for us to offer and price a like-for-like technical solution versus the tender winner (their per carriage approach is completely different to the fully networked system Irish Rail requested us to price in the tender).

The lack of communication and transparency extends beyond the tender to the rolling 3-month contract terms [REDACTED] are currently delivering the Irish Rail wi-fi service under. We have been given no firm transition plan and no formal notice period against which to make business contingency plans. There are also potentially serious IPR protection issues around the decommissioning process for our system by third-parties which our lawyers are reviewing; we raised this concern to Irish Rail in December 2018 but have received no formal plan or assurances as to how this will be mitigated.

Finally we would like to note that throughout the tender process we were told by Irish Rail employees not to raise our concerns regarding the prolonged tender process but 'to keep our heads down' and continue delivering the fleet wi-fi service, hence it is only now that we are raising this to you. This approach even extended to being asked to price a 3-year wi-fi upgrade separate to the tender process.

While [REDACTED] note the outcome of the tender, having worked with Irish Rail for nearly eight years in creating and delivering one of the most heavily used on-train wi-fi services in the world, which according to [REDACTED] is the biggest consumer of mobile data in Ireland, we feel we have been treated neither fairly, transparently nor in the spirit of the good working relationship we thought we had built with Irish Rail. We will continue to evaluate our legal position but we would request a formal response from you regarding the points raised in this letter.

Yours sincerely

[REDACTED]

[REDACTED]

APPENDIX A - IRISH RAIL 2017 WIFI TENDER (2nd ITT) TIMELINE

DATE	ACTIONS/DESCRIPTION
January 2017	Irish Rail issue PQQ for Onboard Wi-Fi
28 th February 2017	PQQ submitted
4 th May 2017	[REDACTED] notified by Irish Rail procurement that it has qualified to tender via the PQQ.
18 th May 2017	ITT documents are received by [REDACTED] Follow up email sent by Irish Rail as some documents are missing and/or incorrect.
1 st June 2017	Clarification
6 th June 2017	Tender deadline extended to 26 th June and depot site visits are confirmed.
12 th June 2017	Supporting Engineering documents are sent out to all bidders, including some detailed information about Icomera's installed technical solution on the IR fleet – no prior notification.
29 th June 2017	V4 of the Pricing Schedule is sent out.
18 th July 2017	ITT submitted.
18 th August 2017	ITT bid presentation to Irish Rail.
13 rd August 2017	[REDACTED] asks for an update on next steps for the IR process.
13 th September 2017	[REDACTED] (IR procurement) advises that IR are completing a 'final evaluation' of tenders.
10 th October 2017	[REDACTED] raises concerns to [REDACTED] regarding lack of update on the ITT process and contractual uncertainty for [REDACTED] (due to being out of contract with IR).
28 th November 2017	[REDACTED] chases for an ITT process update. Beth Reid says she is writing an update for bidders but nothing is received.
6 th December 2017	[REDACTED] submits Clarification question responses.
7 th December 2017	[REDACTED] submits a BAFO offer to Irish Rail based on time that expired and validity of pricing due to expire.
13 th December 2017	Irish Rail rejects BAFO submission and states that it will not be opened

5 th January 2018	highlights to IR that the validity of the Pricing submissions has expired and asks if updated pricing is needed.
2 nd February 2018	Irish Rail issues a schedule of depots and train availability and asks for updated pricing and installation plans
14 th February 2018	Updated Depot information is issued due to highlighting missing depots. Corrected Pricing sheet also sent out due to an error.
28 th February	hand-deliver their response during Beast from the East blizzards in Dublin.
March 2018	re-submit on updated Pricing Matrix.
17 th April 2018	chases for latest status.
18 th April 2018	Irish Rail responds stating that the evaluation is ongoing and BAFO pricing might be requested.
11 th May 2018	Irish Rail informs bidders that the scope is now reduced to the Intercity fleets only.
28 th September 2018	
15 th November 2018	is informed that IT Solutions has been selected as preferred bidder.

APPENDIX B – COMMENTS ON THE IRISH RAIL EVALUATION SCORING – 15/11/2018

- TOTAL COST** – Based on the fact that the winning bidder is offering a solution based on a per vehicle system with no requirement for backbone cabling or jumpers we don't believe tenders were evaluated on a like-for-like basis.
- SOLUTION SPECIFICATION AND IMPLEMENTATION** – The winning bidder (whose solution, we understand has no track record of on-transport wi-fi project delivery outside of China and has been withdrawn from deployments in Australia due to lack of certs) was scored the same as Icomera, with hundreds of on-transport wi-fi deployments on 10,000s of vehicles in dozens of countries. This view doesn't tally with the results any other public procurement of train/bus wi-fi that Icomera has been involved with (win or lose).
- SYSTEM RELIABILITY & MAINTAINABILITY** - There seems to be some misunderstanding as offered a fully proven solution (deployed on 100s of trains since 2016) with MTBFs available for all components. We note Irish Rail's view on a per carriage modular solution, which

[REDACTED]

is an approach we have used outside the UK where inter-car couplers are not available, but this does not read across into an automatically higher reliability or easier maintainability. For example, Icomera is supporting Digital Train solutions with nine (9) business critical systems plus passenger wi-fi connected into a single gateway/router architecture; the key here is the SLA regime and remote/on-site support required.

4. **DATA OPTIMISATION** [REDACTED] manages Data based on bandwidth/cost/MNO preference as required by our transport customers. Many of our UK customers have a preferred MNO partner and we configure the systems to drive maximum data across these sims. We have been doing the same for Irish Rail (locking 4G sims etc) for some years so we don't understand how we can be scored as not doing this.
5. **CONTRACT MANAGEMENT** - We note Irish Rail's comments but our responses as per the tender instructions were comply or not comply. The responses were specific to the contract clauses proposed by Irish Rail so we don't understand how these can be interpreted as 'generic'?
6. **REPORTING CAPABILITIES** - We note Irish Rail's comments regarding the reporting capabilities but we would like to point out that the competitor offers three different tools from three different sub-suppliers rather than a unified suite of tools from a single supplier. The real test of these will be how they perform in the field on Irish Rail's fleet rather than in presentation demos. This is an area that we have highlighted for improvement and Icomera is investing heavily in its IMS 2.0 suite of tools to be released later this year. We hope to have the opportunity to demonstrate these to Irish Rail in the future.

From: [REDACTED]
Sent: 18 February 2019 10:40
To: [REDACTED]
Subject: FW: Router Upgrade
Attachments: [REDACTED]

As discussed

Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3

From: [REDACTED]
Sent: 15 February 2019 09:23
To: [REDACTED]
Subject: FW: Router Upgrade

Hi [REDACTED]

I've had a look over the specs and it fulfils all the standards we asked for, so its compliant there. I tried see where the Huawei connection is and all I can find so far is the internal modems (modules) are Huawei compatible and probably contain them. See below.

See attached data sheets for comparison

On comparison for the [REDACTED] originally proposed there is no real difference both are [REDACTED] and [REDACTED]. Only concerns would be the storage, its states Up to 1TB, but doesn't state what storage is included by default, and only 1 model supports virtualisation (Nexala requirement) from what I can see on the data sheets that one is [REDACTED] which has the +1 TB storage. We might need to ask this specifically.

You might get away with this as it is if the module is Huawei,

Regards
[REDACTED]

[REDACTED]

Railway Standard	Description
IEC60529	Degrees of Protection Provided by Enclosures
EN50153	Railway Applications – Rolling Stock – Protective Provisions Relating To Electrical Hazards
NF EN50343:2003	Railway Applications – Rolling stock – Rules for Installation of Cabling
NF EN50155:2007	Railway Applications – Electronic Equipment Used on Rolling Stock
IEC60571: 2012	Railway Applications – Electronic Equipment Used on Rolling Stock
CEI62497-1:2013	Railway Applications – Insulation Coordination
CEI62497-2:2010	Railway Applications – Insulation Coordination
CEI60077-1	Railway Applications – Electric Equipment for Rolling Stock
IEC62236-3-1	Railway Applications – Electromagnetic Compatibility
IEC62236-3-2	Railway Applications – Electromagnetic Compatibility
EN55011	Industrial, Scientific and Medical (ISM) Radio-frequency Equipment – Electromagnetic Disturbance Characteristics – Limits and Methods of Measurement
CISPR11	Limits and Methods of Measurement of Radio Disturbance Characteristics of Industrial, Scientific & Medical (ISM) Radio Frequency Equipment
EN55016-2-3:2010	Specification for Radio Disturbance and Immunity Measuring Apparatus and Methods. Methods of Measurement of Disturbances and Immunity. Measurement of Disturbance Power
EN50121-3-1	Railway Applications – Electromagnetic Compatibility
EN50121-3-2:2015	Railway Applications – Electromagnetic Compatibility
IEC61000-4-2	Electromagnetic Compatibility (EMC) – Installation and Mitigation Guidelines. Earthing and Cabling
IEC61000-4-3	Electromagnetic Compatibility (EMC) – Installation and Mitigation Guidelines. Earthing and Cabling
IEC61000-4-4	Electromagnetic Compatibility (EMC) – Installation and Mitigation guidelines. Earthing and Cabling
IEC61000-4-5	Electromagnetic Compatibility (EMC) – Installation and Mitigation guidelines. Earthing and Cabling
IEC61000-4-6	Electromagnetic Compatibility (EMC) – Installation and Mitigation Guidelines. Earthing and Cabling

EN50264:2008	Railway Applications – Railway rolling stock power and control cables having special fire performance – Cables with crosslinked elastomeric insulation – Multicore cables
EN50306-1:2003	Railway Applications – Railway rolling stock cables having special fire performance – Thin wall – Single core and multicore cables (pairs, triples and quads) screened and thin wall sheathed
EN50306-1:2003	Railway Applications – Railway rolling stock cables having special fire performance – Thin wall – Single core and multicore cables (pairs, triples and quads) screened and thin wall sheathed
EN50382-1:2008	Railway Applications – Railway rolling stock high temperature power cables having special fire performance – Single core silicone rubber insulated cables for 120 °C or 150 °C
EN50125-1 §4.11	Railway Applications. Environmental conditions for equipment. Rolling stock and on-board equipment
IEC61373 – 2010	Railway Applications – Rolling stock equipment – Shock and vibration tests

Regards

From [REDACTED]
Sent: 15 February 2019 00:35
To: [REDACTED]
Subject: Router Upgrade

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

H [REDACTED]

As per call today.

Please find attached the specifications, certificates and reference sites for the [REDACTED] now integrates. This is identical in specification and certification to the older ar503 but has the addition of some newer advanced features. Especially around power isolation and virtualization.

As I said on the call, the complete solution is the same.

[REDACTED] management and monitoring software. (Esight - agile) Pico point captive portal. Pico point gps maps, Same Huber and Suhner aerials and RCBO power trips, it's just a change of router model.

I have also confirmed the Nexala virtual system compatibility as it holds a virtual solution facility with the same internal SSD storage.

I have confirmed lead times and POC stock are in line with the project.

If you have any questions, please let me know

Kind Regards

5

Mobile:
Office:
Web:
Email:
Address:

**Proactive Managed Services | Cloud Solutions | Data Infrastructure | Networking and Security | Managed Print |
ICT Consultancy |**

The contents of this e-mail message and any attachments may contain confidential information and are intended solely for addressee. This transmission is sent in trust solely for the delivery to the intended recipient. If you have received this transmission in error, any use, reproduction or dissemination of this transmission is prohibited. If you are not the intended recipient, please delete this message and its attachments, if any. This email does not constitute a business letter, the basis of any contract, or create a legally binding relationship. Contracts may be only be executed by e-mail using secure signature verification (such as DocuSign or equivalent). Furthermore, emails sent from and to the domain may be monitored, archived, and subject to disclosure, including those in connection with regulatory or other legal processes.

Privileged Communication Notice from solutions. This e-mail and any files transmitted with it are confidential and intended solely for the use of the individual to whom it is addressed. If you have received this email in error please send it back to the person that sent it to you. Any views or opinions presented are solely those of its author and do not necessarily represent those of Solutions. Unauthorized publication, use, dissemination, forwarding, printing or copying of this email and its associated attachments is strictly prohibited.

From: [REDACTED]
Sent: 18 February 2019 19:42
To: [REDACTED]
Subject: Fw: Router Upgrade

I'm not entirely convinced to be honest.

I suggest I ask for some references from the listed companies [REDACTED] and get them to flesh out the volume of types of hardware supplied to give us a better idea.

I understand the EOM comment but surprised this wasn't flagged in their tender. I also would expect that a replacement router would be available from 2023 onwards so I find it strange.

I'll request further information and ask him for official notification direct from [REDACTED] also.

There is obsolescence protection in the contract anyway but this really should have been flagged to us prior to signing last week.

I'll let you know how I get on.

From: [REDACTED]
Sent: Monday 18 February 2019 19:05:07
To: [REDACTED]
Subject: FW: Router Upgrade

Hi [REDACTED]

Thank you for your email below and the opportunity to provide the rationale for the proposed changes for the manufacturers router only regarding our contract award.

Upon confirmation of the contract award on the 15th of November 2018 and with the recent information regarding [REDACTED] in the media gaining international interest, [REDACTED] decided to evaluate alternative options for the router hardware only, should a circumstance arise that Iarnród Éireann were not in a position to proceed with Huawei hardware. We ordered the [REDACTED] for the proof of concept as required. However recently in 2019, we have been made aware that the [REDACTED] model has become EOM (End of Manufacturing). We cannot in good consciousness provide any hardware to Iarnród Éireann that has gone EOM. The [REDACTED] product will remain in manufacturer support until 2023. Our procurement team has confirmed there is [REDACTED] stock within the European partner channel, although quantities are limited and sourcing additional units for Iarnród Éireann fleets growth has been identified as a potential challenge moving forward.

We contacted [REDACTED] in leu of this information and received notification of [REDACTED] global hardware partners that would be a suitable like for like replacement for the hardware router whilst maintaining the complete additional hardware & software solution as proposed. [REDACTED] contacted the proposed vendors and received sample units for testing and verification with the proposed solution, including our assigned software partners. [REDACTED] From our evaluation process, a clear manufacturer met all the criteria required for [REDACTED] to present the information to Iarnród Éireann should the issue of an alternative hardware router arise. The manufacturer in question is Net-Module. Furthermore, our evaluation also identified some key areas where the Net Module hardware exceeded the [REDACTED] in capabilities, warranties, compatibilities and reference sites.

I trust the information contained above outlines the rationale for the proposed router change, in addition to the proactive consideration [REDACTED] Solutions has for this project and Iarnród Éireann. I am confident that the proof of concept will alleviate all concerns regarding the proposed hardware changes.

In summary, I personally believe [REDACTED] Solutions will exceed your expectations and deliver a best in class design, supply, installation, commissioning and maintenance service for the onboard Wi-Fi system – Contract Number 6560 required by Iarnród Éireann.

Kind Regards

[REDACTED]
Chief Executive Officer

Proactive Managed Services | Cloud Solutions | Data Infrastructure | Networking and Security | Managed Print | ICT Consultancy |

The contents of this e-mail message and any attachments may contain confidential information and are intended solely for addressee. This transmission is sent in trust solely for the delivery to the intended recipient. If you have received this transmission in error, any use, reproduction or dissemination of this transmission is prohibited. If you are not the intended recipient, please delete this message and its attachments, if any. This email does not constitute a business letter, the basis of any contract, or create a legally binding relationship. Contracts may be only be executed by e-mail using secure signature verification (such as DocuSign or equivalent). Furthermore, emails sent from and to the EVAD.ie domain may be monitored, archived, and subject to disclosure, including those in connection with regulatory or other legal processes.

From: [REDACTED]
Sent: 18 February 2019 11:02
To: [REDACTED]
Subject: RE: Router Upgrade

Hello David,

The information below has been brought to my attention with respect to the feasibility of changing from the [REDACTED] equipment from your tender to [REDACTED] equipment discussed below.

In essence, one of the strengths of your overall submissions was the [REDACTED] equipment so any move away from using it could/would re-open the very evaluation that resulted in your contract award (notwithstanding any advanced claims of improved power isolation or virtualisation etc.).

To assist, could you please drop me a note to explain the rationale for the proposed new equipment and also confirm that the existing Huawei equipment is still available should we not be in a position to consider the NetModule equipment.

Thanks in advance,

[REDACTED]
Procurement Manager
Iarnród Éireann - Irish Rail (Railway Undertaking)
Inchicore Railway Works
Inchicore
Dublin 8



From: [REDACTED]
Sent: 15 February 2019 00:35
To: [REDACTED]
Subject: Router Upgrade

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

As per call today.

As I said on the call, the complete solution is the same.

I have also confirmed the Nexala virtual system compatibility as it holds a virtual solution facility with the same internal SSD storage ,

I have confirmed lead times and POC stock are in line with the project.

If you have any questions, please let me know

Kind Regards

Chief Executive Officer

Proactive Managed Services | Cloud Solutions | Data Infrastructure | Networking and Security | Managed Print | ICT Consultancy |

The contents of this e-mail message and any attachments may contain confidential information and are intended solely for addressee. This transmission is sent in trust solely for the delivery to the intended recipient. If you have received this transmission in error, any use, reproduction or dissemination of this transmission is prohibited. If you are not the intended recipient, please delete this message and its attachments, if any. This email does not constitute a business letter, the basis of any contract, or create a legally binding relationship. Contracts may be only be executed by e-mail using secure signature verification (such as DocuSign or equivalent). Furthermore, emails sent from and to the [REDACTED] domain may be monitored, archived, and subject to disclosure, including those in connection with regulatory or other legal processes.

6

Privileged Communication Notice from [REDACTED] solutions. This e-mail and any files transmitted with it are confidential and intended solely for the use of the individual to whom it is addressed. If you have received this email in error please send it back to the person that sent it to you. Any views or opinions presented are solely those of its author and do not necessarily represent those of [REDACTED] Solutions. Unauthorized publication, use, dissemination, forwarding, printing or copying of this email and its associated attachments is strictly prohibited. [REDACTED]

Iarnrod Éireann Irish Rail, cuideachta ghníomhaíochta ainmnithe, faoi theorainn scaireanna, clraithe in Éirinn ag Stáisiún Uí Chonghaile, Baile Átha Cliath 1, Úr. 119571 Úr. CBL: IE 4812851 O
Iarnrod Éireann Irish Rail, a designated activity company, limited by shares, registered in Ireland at Connolly Station, Dublin 1, No. 119571 VAT No. IE 4812851 O

[REDACTED] Chief Executive Officer

Proactive Managed Services | Cloud Solutions | Data Infrastructure | Networking and Security | Managed Print | ICT Consultancy |

The contents of this e-mail message and any attachments may contain confidential information and are intended solely for addressee. This transmission is sent in trust solely for the delivery to the intended recipient. If you have received this transmission in error, any use, reproduction or dissemination of this transmission is prohibited. If you are not the intended recipient, please delete this message and its attachments, if any. This email does not constitute a business letter, the basis of any contract, or create a legally binding relationship. Contracts may only be executed by e-mail using secure signature verification (such as DocuSign or equivalent). Furthermore, emails sent from and to the [REDACTED] domain may be monitored, archived, and subject to disclosure, including those in connection with regulatory or other legal processes.

Privileged Communication Notice from [REDACTED] solutions. This e-mail and any files transmitted with it are confidential and intended solely for the use of the individual to whom it is addressed. If you have received this email in error please send it back to the person that sent it to you. Any views or opinions presented are solely those of its author and do not necessarily represent those of [REDACTED] Solutions. Unauthorized publication, use, dissemination, forwarding, printing or copying of this email and its associated attachments is strictly prohibited. [REDACTED]

From: [REDACTED]
Sent: 26 March 2019 07:45
To: [REDACTED]
Subject: Fwd: 6560 - EoM Hardware Alternatives

Hi [REDACTED]

Sorry to bother you on leave. See below from [REDACTED] as its not a procurement issue any longer, and he feels that either option will get through the procurement process he is leaving it up to us to decide what we go with from the technical side.

He has put the emphasis back on Evad to demonstrate the best option to us which I think is a good idea as it puts the onus back on them to provide the best solution to us using their Expertise. This way we can't be blamed for picking the wrong option ourselves. I think we would be able to close off the tender process after this meeting if we can extend it, and move towards the POC asap then.

Gary has offered Li if we need her, but I don't think she would be of any value at this meeting with her limited knowledge of the systems.

Regards
[REDACTED]

Begin forwarded message:

From: [REDACTED]
Date: 26 March 2019 at 07:08:51 GMT
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: 6560 - EoM Hardware Alternatives

Hi [REDACTED]

I suggest that I leave this one with the CME for now as there is limited value that can be added by procurement at this stage as any discussions are primarily technical (as opposed to commercial). If however at any stage the CME are not satisfied that any of the options on the table are suitable then I will ask the IT category manager to intervene and provide you with your contract termination options.

Thanks,
[REDACTED]

From: [REDACTED]
Sent: 25 March 2019 16:11
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: 6560 - EoM Hardware Alternatives

Hi [REDACTED]

7

Thank you for your correspondence today via the attached Letter referenced 6560/BR Provision of on Board Wi-Fi.

We appreciate your feedback on the proposed solutions offered and completely agree that of critical importance to the success of the project will be selecting the optimum option taking into account the performance, reliability and technical support offered.

Therefore, in order to further clarify the proposed options and to [redacted] on the differences as requested, I will document both Option A being the replacement [redacted] dual router/access point as a direct replacement for the [redacted] and Option B being the separate [redacted] access point and separate [redacted] router in a final scope document, with a side by side comparison highlighting the technical differences between both options in addition to the client testimonials.

I will have this over to you by COB this Friday the 29th April in order to give you and the Irish Rail team time to review prior to our meeting on the 4th April.

Regarding our meeting on the 4th of April, I propose to present an overview of both solutions and also have the specific proposed hardware for both solutions [redacted]

[redacted] present so that the team can see the physical units. We will also be prepared to show the Irish Rail project team the Pre-POC test solution / test network for both solutions i.e. Maps, Tracking, Dashboards etc. as I feel this will be a worthwhile exercise in selecting the optimum option for the Project. Post this meeting, I would be confident that we can select / agree the optimum solution and move forward to the full POC stage.

If the proposed addition to your Agenda for the meeting on the 4th of April is acceptable, we may require additional time to be allocated to facilitate the solution presentation, hardware review, Pre-POC review and round table discussions / questions & answer session regarding any / all parts of the solution & support to be provided. If possible I suggest a 1 hour extension to our planned meeting.

Kind Regards

[redacted] Chief Operating Officer

Mobile [redacted]

Office: [redacted]

Web: [redacted]

Email: [redacted]

Address: [redacted]

**Proactive Managed Services | GDPR Compliance Services | Cloud Solutions | Data Infrastructure |
Networking and Security | HP Premier Managed Print | ICT Consultancy | Contract Resourcing**

The contents of this e-mail message and any attachments may contain confidential information and are intended solely for addressee. This transmission is sent in trust solely for the delivery to the intended recipient. If you have received this transmission in error, any use, reproduction or dissemination of this transmission is prohibited. If you are not the intended recipient, please delete this message and its attachments, if any. This email does not constitute a business letter, the basis

7

of any contract, or create a legally binding relationship. Contracts may be only be executed by e-mail using secure signature verification (such as DocuSign or equivalent). Furthermore, emails sent from and to the EVAD.ie domain may be monitored, archived, and subject to disclosure, including those in connection with regulatory or other legal processes.

From: [REDACTED]

Sent: Monday 25 March 2019 12:23

To: [REDACTED]

Cc: [REDACTED]

Subject: 6560 - EoM Hardware Alternatives

[REDACTED]
Procurement Manager
Iarnród Éireann - Irish Rail (Railway Undertaking)
Inchicore Railway Works
Inchicore
Dublin 8



Iarnród Éireann Irish Rail, cuideachta ghlomhaíochta ainmnithe, faoi theorainn scaireanna, claithe in Éirinn ag Stáisiún Uí Chonghaile, Baile Átha Cliath 1, Úr. 119571 Úr. CBL: IE 4812851 O
Iarnród Éireann Irish Rail, a designated activity company, limited by shares, registered in Ireland at Connolly Station, Dublin 1, No. 119571 VAT No. IE 4812851 O

Privileged Communication Notice from [REDACTED] solutions. This e-mail and any files transmitted with it are confidential and intended solely for the use of the individual to whom it is addressed. If you have received this email in error please send it back to the person that sent it to you. Any views or opinions presented are solely those of its author and do not necessarily represent those of [REDACTED] Solutions. Unauthorized publication, use, dissemination, forwarding, printing or copying of this email and its associated attachments is strictly prohibited.

[REDACTED]

[REDACTED]

From: [REDACTED]
Sent: 11 December 2018 at 21:02
To: [REDACTED]
Subject: Fwd: [REDACTED] WiFi

For info

Sent from my iPad

Begin forwarded message:

From: [REDACTED]
Date: 11 December 2018 at 20:23:22 GMT
To: [REDACTED]
Subject: Re: [REDACTED] WiFi

[REDACTED]

A new standstill letter was issued today with additional information provided to [REDACTED] as requested.
A new standstill period has commenced so no contract award can now be made until Jan 1st 2019 at the earliest.
This update has also been communicated to Evad.
Thanks,

[REDACTED]

From: [REDACTED]
Sent: Tuesday, 11 December 2018 20:11:15
To: [REDACTED]
Subject: [REDACTED] WIFI

[REDACTED]

Has the [REDACTED] challenge been fully responded to?

Is the WiFi contract award now able to proceed?

[REDACTED]

Sent from my iPad

[REDACTED]

[REDACTED]

From: [REDACTED]

Sent: 08 January 2019 15:24

To: [REDACTED]

Subject: Fwd: wifi

Attachments: image001.png; ATT00001.htm; Appendix.pdf; ATT00002.htm; 6560 - [Provision of Wi-Fi Services] - Clarification 1; ATT00003.htm; 6560 - [Provision of Wi-Fi Services] - Clarification 2; ATT00004.htm; 6560 - [Provision of Wi-Fi Services] - Clarification 3; ATT00005.htm; 6560 - [Provision of Wi-Fi Services] - Clarification 4; ATT00006.htm; 6560 - [Provision of Wi-Fi Services] - Clarification 5; ATT00007.htm; 6560 - [Provision of Wi-Fi Services] - Clarification 6; ATT00008.htm; 6560 - [Provision of Wi-Fi Services] - Clarification 7; ATT00009.htm; 6560 - [Provision of Wi-Fi Services] - Clarification 8; ATT00010.htm; WIFI Tender Clarifications; ATT00011.htm; WIFI Tender Clarifications; ATT00012.htm; WIFI SPECIFICATION.pdf; ATT00013.htm

[REDACTED]

I'll be updating this tomorrow to get it out for [REDACTED] I'll need to change. The 2700 references and add in the new B cars as extra options. Do you know how many extra are planned and when they are planned for ?

Regards,

[REDACTED]

Sent from my iPad

Begin forwarded message:

From: [REDACTED]

Date: 8 January 2019 at 11:49:30 GMT

To: [REDACTED]

Cc: [REDACTED]

Subject: RE: wifi

Good morning [REDACTED]

Happy new year to you both.

I have been instructed by [REDACTED] to proceed with execution of the contract.

I am currently populating the ten schedules that make up the contract, one of which is the specification.

The version of the Spec that went out with the tender pack is attached. There was quite a lot of Q&A in the tender process plus we went out to bidders with further information in order to receive accurate implementation plans. I have attached the Q&A and the appendix that we issued. Please could Anthony and yourself ensure the specification is inclusive of all information that the Q&A may have contributed to the final spec, i.e. – please could you ensure that the final version of the specification that is being inserted into the contract accurately reflects what the bidders were bidding for, and could you send me the final version once complete?

Grateful for your assistance in this matter.

Thanks,

[REDACTED]

From [REDACTED]
Sent: 08 January 2019 09:52
To [REDACTED]
Subject: wifi

[REDACTED]

Do you have any update re the Wifi award to [REDACTED] and if the legal challenge has materialised?

Regards

[REDACTED]

Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3
Tel: [REDACTED]
Mob [REDACTED]
Fax: [REDACTED]
Ema [REDACTED]

[REDACTED]

From: [REDACTED]
Sent: 20 February 2019 13:57
To: [REDACTED]
Subject: Fwd: Router Upgrade
Attachments: image004.png; ATT00001.htm; image001.jpg; ATT00002.htm; image002.png; ATT00003.htm; image003.jpg; ATT00004.htm; image001.jpg; ATT00005.htm; Appendix 6 Letter of undertaking hy Huawei.pdf; ATT00006.htm

I think we were right to flag this with [REDACTED] there is no telling where this would have gone if we had tried to run with the other option independently. Let's see what [REDACTED] gets back

[REDACTED]

Sent from my iPhone

Begin forwarded message:

From: [REDACTED]
Date: 19 February 2019 at 08:41:19 GMT
To: [REDACTED]
Co: [REDACTED]
Subject: RE: Router Upgrade

Many thanks for your response [REDACTED]
I see a number of difficulties in your response below but I will deal with the most important item first.
In essence, [REDACTED] only pre-qualified to participate in the tender process on the basis of the attached letter from [REDACTED]
I have no doubt as to the capabilities of [REDACTED] but they simply did not form part of the tender process, your qualification or your technical offering. I'm extremely concerned that this is only coming to light now, especially having only signed contracts 2 weeks ago.
For now, can I request that you arrange formal correspondence from Huawei with respect to the content of the attached, the status of the [REDACTED] and what happens after 2023 (i.e. will they be bringing out a newer model as a like for like replacement) and forward to me by CoB on Friday 22nd February.
We will ascertain what action to take pending review of the correspondence.
Regards,

[REDACTED]

Procurement Manager
Iarnród Éireann - Irish Rail (Railway Undertaking)
Inchicore Railway Works
Inchicore
Dublin 8

[REDACTED]

From: [REDACTED]
Sent: 06 February 2019 12:14
To: [REDACTED]
Subject: Fwd: WIFI Contract with [REDACTED]

WiFi Contract Executed at long last

Regards

Peter

Sent from my iPhone

Begin forwarded message:

From: [REDACTED]
Date: 6 February 2019 at 12:06:10 GMT
To: [REDACTED]
Cc: [REDACTED]

Subject: WIFI Contract with [REDACTED]

Good afternoon,

Please be advised that the contract with [REDACTED] for WIFI is now executed. The supplier has their copy.

Kind regards,

[REDACTED]
Procurement & Contracts Executive
Procurement Department, CIE Works Inchicore, Dublin 8, Ireland.
☎: +353 (0)1 703 3605 ✉: beth.reid@irishrail.ie



Please consider the environment before printing this email

[REDACTED]

From: [REDACTED]
Sent: 02 April 2019 14:28
To: [REDACTED]
Subject: RE: [REDACTED]

Yes , Thursday at 11:30. I'll give you a call before your meeting at 10 so we are both on the same page going into it.

From: [REDACTED]
Sent: 02 April 2019 14:26
To: [REDACTED]
Subject: RE: [REDACTED]

Ok

We are meeting this week on this

[REDACTED]
Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3

From: [REDACTED]
Sent: 26 March 2019 07:45
To: [REDACTED]
Subject: Fwd: [REDACTED]

Hi [REDACTED]

Sorry to bother you on leave. See below from [REDACTED] as its not a procurement issue any longer, and he feels that either option will get through the procurement process he is leaving it up to us to decide what we go with from the technical side.

He has put the emphasis back on [REDACTED] to demonstrate the best option to us which I think is a good idea as it puts the onus back on them to provide the best solution to us using their Expertise. This way we can't be blamed for picking the wrong option ourselves. I think we would be able to close off the tender process after this meeting if we can extend it, and move towards the POC asap then.

[REDACTED] has offered [REDACTED] if we need her, but I don't think she would be of any value at this meeting with her limited knowledge of the systems.

Regards
[REDACTED]

Begin forwarded message:

12

From: [REDACTED]
Date: 26 March 2019 at 07:08:51 GMT
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: [REDACTED]

Hi [REDACTED]
I suggest that I leave this one with the CME for now as there is limited value that can be added by procurement at this stage as any discussions are primarily technical (as opposed to commercial). If however at any stage the CME are not satisfied that any of the options on the table are suitable then I will ask the IT category manager to intervene and provide you with your contract termination options.

Thanks,
[REDACTED]

From: [REDACTED]
Sent: 25 March 2019 16:11
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: [REDACTED]

Hi [REDACTED]

Thank you for your correspondence today via the attached Letter referenced [REDACTED] Provision of on Board Wi-Fi.

We appreciate your feedback on the proposed solutions offered and completely agree that of critical importance to the success of the project will be selecting the optimum option taking into account the performance, reliability and technical support offered.

Therefore, in order to further clarify the proposed options and to put some focus on the differences as requested, I will document both Option A being the replacement Net-Module dual router/access point as a direct replacement for the [REDACTED] and Option B being the separate [REDACTED] access point and separate Pep-Wave router in a final scope document, with a side by side comparison highlighting the technical differences between both options in addition to the client testimonials.

I will have this over to you by COB this Friday the 29th April in order to give you and the Irish Rail team time to review prior to our meeting on the 4th April.

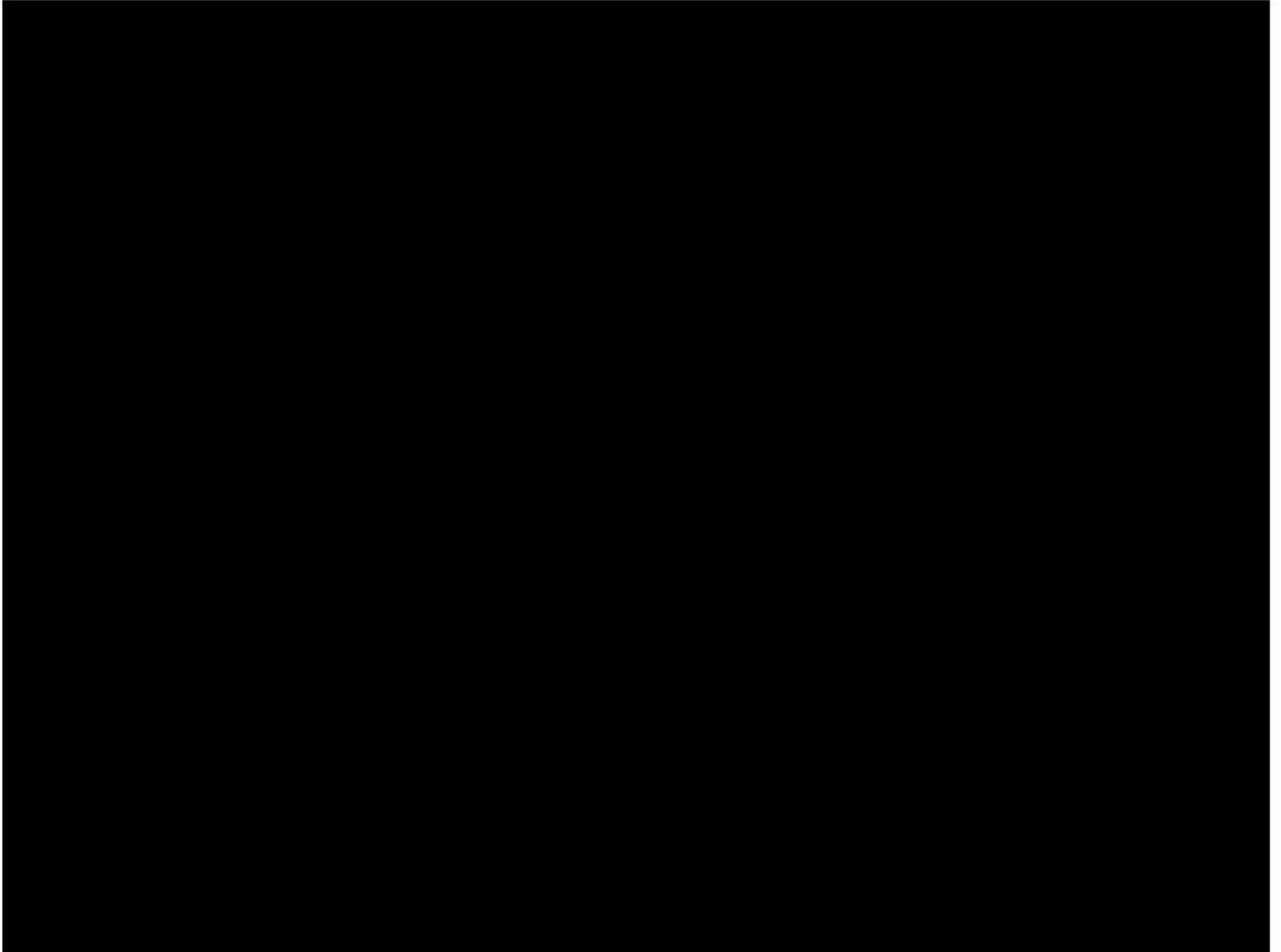
Regarding our meeting on the 4th of April, I propose to present an overview of both solutions and also have the specific proposed hardware for both solutions [REDACTED] present so that the team can see the physical units. We will also be prepared to show the Irish Rail project team the Pre-POC test solution / test network for both solutions i.e. Maps, Tracking, Dashboards etc. as I feel this will be a worthwhile exercise in selecting the optimum option for the Project. Post this meeting, I would be confident that we can select / agree the optimum solution and move forward to the full POC stage.

If the proposed addition to your Agenda for the meeting on the 4th of April is acceptable, we may require additional time to be allocated to facilitate the solution presentation, hardware review, Pre-

12

POC review and round table discussions / questions & answer session regarding any / all parts of the solution & support to be provided. If possible I suggest a 1 hour extension to our planned meeting.

Kind Regards



From: [Redacted]

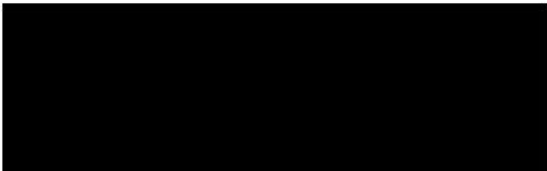
Sent: Monday 25 March 2019 12:23

To: [Redacted]

Cc: [Redacted]

Subject: [Redacted] Alternatives

[Redacted]
Procurement Manager
Iarnród Éireann - Irish Rail (Railway Undertaking)
Inchicore Railway Works
Inchicore
Dublin 8



12

Iarnród Éireann Irish Rail, cuideachta ghníomhaíochta ainmnithe, faoi theorainn scaireanna, cláraithe in Éirinn ag Stáisiún Uí Chonghaile, Baile Átha Cliath 1, Úr. 119571 Úr. CBL: IE 4812851 O
Iarnród Éireann Irish Rail, a designated activity company, limited by shares, registered in Ireland at Connolly Station, Dublin 1, No. 119571 VAT No. IE 4812851 O

Privileged Communication Notice from Evad IT solutions. This e-mail and any files transmitted with it are confidential and intended solely for the use of the individual to whom it is addressed. If you have received this email in error please send it back to the person that sent it to you. Any views or opinions presented are solely those of its author and do not necessarily represent those of Evad IT Solutions. Unauthorized publication, use, dissemination, forwarding, printing or copying of this email and its associated attachments is strictly prohibited. Evad IT Solutions , Registered No9698270G, Registered Address: 1 Bridgecourt Business Park, Walkinstown, Dublin 12. Web : www.evad.ie Email : reception@evad.ie Phone 01 7079814

From: [REDACTED]
Sent: 25 March 2019 11:51
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: Discovery of additional points for [REDACTED] proposal

Hi [REDACTED]

I'd be happy with either solution. Both have advantages and disadvantages.

A single unit would be my own personal choice as it a single install and cable run.

Let them tell us which is best then we can't be held responsible for poor service if it's not right.

That chap Something [REDACTED] that went to [REDACTED] only lasted 6 weeks there, he was let go. He still has up he works there but doesn't I'm told.

Regards
[REDACTED]

On 25 Mar 2019, at 9:01 a.m., [REDACTED] wrote:

Thanks again [REDACTED]

I reviewed all of the correspondence over the past couple of days and I am satisfied that any of the listed proposals from [REDACTED] will be procurement compliant.

The only matter as I see it is determining which of the available options presents the best technical solution (i.e. performance, reliability and technical support) to the CME department.

From our discussions, it appears that the Net-Module proposal mirrors the original tender proposal insofar as it offers a combined router and access point in each vehicle.

Also from our discussions, it appears that the alternative proposal of the [REDACTED] and [REDACTED] in each vehicle will also result in a technically acceptable solution for you.

The question remains, of the 2 options, which is the best.

In essence I can't answer that one, only [REDACTED] can and on that basis I propose to write to [REDACTED] advising them that in principle, we have no objections to either proposal however it will be up to [REDACTED]

to demonstrate to the CME team which option offers the best technical solution (i.e. performance, reliability and technical support) which will need to be demonstrated by way of referencing checking the proposed hardware from existing customers.

Before I issue the formal correspondence, can you clarify if my understanding above is correct and that you don't necessarily have a preference between the 2 options?

Thanks,
[REDACTED]

From: [REDACTED]
Sent: 22 March 2019 11:20
To: [REDACTED]
Cc: [REDACTED]
Subject: Discovery of additional points for [REDACTED] proposal

Hi [REDACTED]

13

I've gone through a good bit of stuff on all of the options they proposed and have the following comments on each. These are based on what I can find from the web searches on each of the proposals.

On the website there are updates for this equipment from 8th March which shows it is still actively being maintained for now. I did some further checking and it looks like [REDACTED] are retiring all the AR routers. See table and attached Data sheets for the 3 options.

<image001.jpg>

I checked if they are offering an alternative and it doesn't seem like they are for any of the [REDACTED]. See chart for replacement offering showing N/A so it seems that [REDACTED] are not being unreasonable on this model, and by offering the other [REDACTED] was probably a good alternative in their eyes.

This router combined AP has all the required certification we asked for and is being used on [REDACTED]. It has capacity for the [REDACTED] system and the reviews seems to be good for it. The support is good and all firmware and downloads are readily available on the site and they have a very good Wiki knowledge page for all the manuals and documentation. Although we wouldn't be using these with a support contract they are a good resource to have available. This would be more than capable of providing the data for the WIFI and supporting the network requirements we asked for.

On the Plus side, it gets a good review on the web, its being used on the [REDACTED] and for Passenger counting, it's a combined unit so it will have a single supply and wiring.

On the Down side. [REDACTED] The Model proposed is [REDACTED] as a single unit if anything fails it will have to be replaced as a single unit even if WIFI is not affected (GPS failure or AP)

Both of these units meet the requirements we asked for in the tender and have all the certification for Rail operations. The AP has the capability to operate as an Access point in the coach for passengers and as a bridge to the external AP for line side WIFI if we ever wanted to utilise the line side fibre track side. The router had a good review on the web searches and is being used in [REDACTED]. The company was established in 2006 and introduced the Max router in 2008.

On the upside. The company has good reviews on the web and was list in the [REDACTED] report for WIFI. The router has all the certification we asked for and the support site has a good user forum, all available updates for software and firmware. It also lists [REDACTED] compatibility with it products. Having the router and the AP separate has advantages if anything fails they can be replaced separately. They also have their own stress test and reliability centre which is a good advantage

On the downside. The company has limited rail experience that I can find. Lots of [REDACTED] and only [REDACTED]. Having separate AP and router may need separate wiring and additional space. I haven't seen any Hard drive size listed so concern over Nexala running on this (have send a query to them on this)

Overall all 3 solutions can provide the same result. The first solution will be end of life so probably not worth considering they will expire before the contract completes and my not be available for the B car upgrades and New Hybrid fleet.

Technically both solutions will work so it's a question of which solution passes the procurement process and doesn't leave us exposed for a challenge. The other 2 options are both capable of providing the service so it's just a case deciding which is the better of the 2 solutions. Do we want a single box solution with Huawei Compatibility or the 2 box option with [REDACTED] hardware.

The uncertainty in the offerings hasn't given a good impression of [REDACTED] as a company to deal with, and it is not a good way to start with Irish Rail. It would have been better for them to be honest from the start and tell us the real reasons why they have opted for either solution be it a cost factor or supply issue.

Regards,

[REDACTED]
CME IT Manager
*CME Business Systems Department,
Heuston Station, Dublin 8.*

14

[REDACTED]

From: [REDACTED]
Sent: 02 April 2019 15:57
To: [REDACTED]
Subject: [REDACTED]

Certainly the Exec team were well aware the chosen hardware would be [REDACTED] equipment. I also stated this to the board when questioned during the contract award recommendation

Regards

[REDACTED]

[REDACTED]

Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3

[REDACTED]

From: [REDACTED]
Sent: 02 April 2019 14:39
To: [REDACTED]
Subject: RE: [REDACTED]

No problem.

I had a look at the contract award board paper and there is no reference to the hardware supplier so presumably the information they have was via some other channel?

Either way, I am satisfied that the technical proposal is in keeping with the tender submission and there will be no procurement related issues stemming from any change of hardware.

Thanks,

From: [REDACTED]
Sent: 02 April 2019 14:31
To: [REDACTED]
Subject: [REDACTED]

[REDACTED]

[REDACTED] and I are meeting [REDACTED] this week on finalising the final agreement. Assuming we can finalise matters for either of the 2 x options proposed I think it will be necessary for me to put an advisory note to the IE Board telling them that the deployed Wifi solution differs from the tendered proposal in terms of hardware manufacture but that performance will be the same and that Huawei are probably not involved. The board had this information originally that we were buying a complete Huawei package and it's important to keep them appraised.

[REDACTED]


Chief Mechanical Engineer

Iarnrod Eireann

Inchicore

Dublin

D08 K6Y3



From: [REDACTED]
Sent: 29 April 2019 17:26
To: [REDACTED]
Cc: [REDACTED]
Subject: [REDACTED]

Hi [REDACTED]

First and foremost this letter is from [REDACTED] who were not the primary contractor in the tender so why are we responding to this after the cooling off period anyway? They had the time to lodge their objections then, and in fact it was extended to over 4 weeks as a result of the [REDACTED] was it not?

Each Company was asked to submit the best solution they felt would provide the best service to the train. [REDACTED] proposed to use the same setup as what was on the train already and intended to use some of the existing equipment and lines. We didn't specify this as a mandatory option, we didn't specify any particular method only that the solution must provide a reliable service with Minimum levels of bandwidth.

[REDACTED] failed to say they could achieve the bandwidth we specified or couldn't commit to this as a term. They had numerous amounts of clarifications on reporting and accessibility to the proposed system that were still in development or being developed at the time it was scored. We have been dealing with developed or in development systems with them for 8 years now and still can't produce a single report ourselves.

[REDACTED] could have proposed a non-backbone system similar to the Dart fleet but didn't offer this on all fleets. They could have proposed it and it would have been judged on that basis. I could only judge on what they presented in the tender which was vague information. I think they had 3 different summary cover letters that all had different information in them. Copy and pasted from other projects with no relevance. [REDACTED] didn't even submit Irish Rail as one of their reference sites so we couldn't score them against it as it wasn't a site they submitted for the scoring. The other projects were scored the same way as all the other companies on the basis of what they submitted not on the knowledge we had about them. I was advised to score this way by [REDACTED] and not to use personal experience of any supplier that we could only judge what was submitted.

I find it hard to comment on the second point as its speculation. We don't know what the reliability of the new service will be like until we have it running in service. We were told its reliable so we have to take it that it is. If it isn't then the supplier is under contract to replace it as required so Irish Rail won't suffer the loss.

We have had an ongoing issue with the [REDACTED] kit for over 18 months, it happened while they were in contract to supply us with WIFI. This "Service Net" issue has gone unresolved and remains on the system to this day. They were unable to resolve it with the current hardware and elected to wait for the contract re-run to offer new hardware to resolve this issue. I don't think you could call this a reliable system that was maintained to the highest order when a user could be prevented from accessing the WIFI for the entire journey due to this issue as happened to [REDACTED] on numerous occasions.

This is a company realising they have lost the contract, [REDACTED] and are trying any measure to get some compensation out of us now. There is no reference to [REDACTED] on the letter as the company objecting and as far as I am concerned it was scored fairly on the proposals that were submitted. The information he has is wrong in relation to the company being [REDACTED] we didn't use that solution, and the new solution uses one portal and backend to provide all the information we requested on the tender through 1 application, not the multiple systems referred to in the letter.

I agree with [REDACTED] it doesn't warrant a response. They had the opportunity the same as everyone else and they didn't take it at the time. So its not a valid argument at this stage.

15

Regards

From: [REDACTED]
Sent: Monday 29 April 2019 15:53
To: [REDACTED]
Cc: [REDACTED]
Subject: FW: [REDACTED]

Hi [REDACTED]

Would it be possible for you to come back to me with some information relating to the following;

1. TOTAL COST – Based on the fact that the winning bidder is offering a solution based on a per vehicle system with no requirement for backbone cabling or jumpers we don't believe tenders were evaluated on a like-for-like basis.

Could you comment on the technical elements of the IÉ specification and if there were any requirements for backbone cabling or jumpers?

2. SYSTEM RELIABILITY & MAINTAINABILITY

Could you comment on the 'does not read across into an automatically higher reliability or easier maintainability' statement in the letter?

Thanks,

From: [REDACTED]
Sent: 29 April 2019 14:12
To: [REDACTED]

Subject: [REDACTED]

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

Dear [REDACTED]

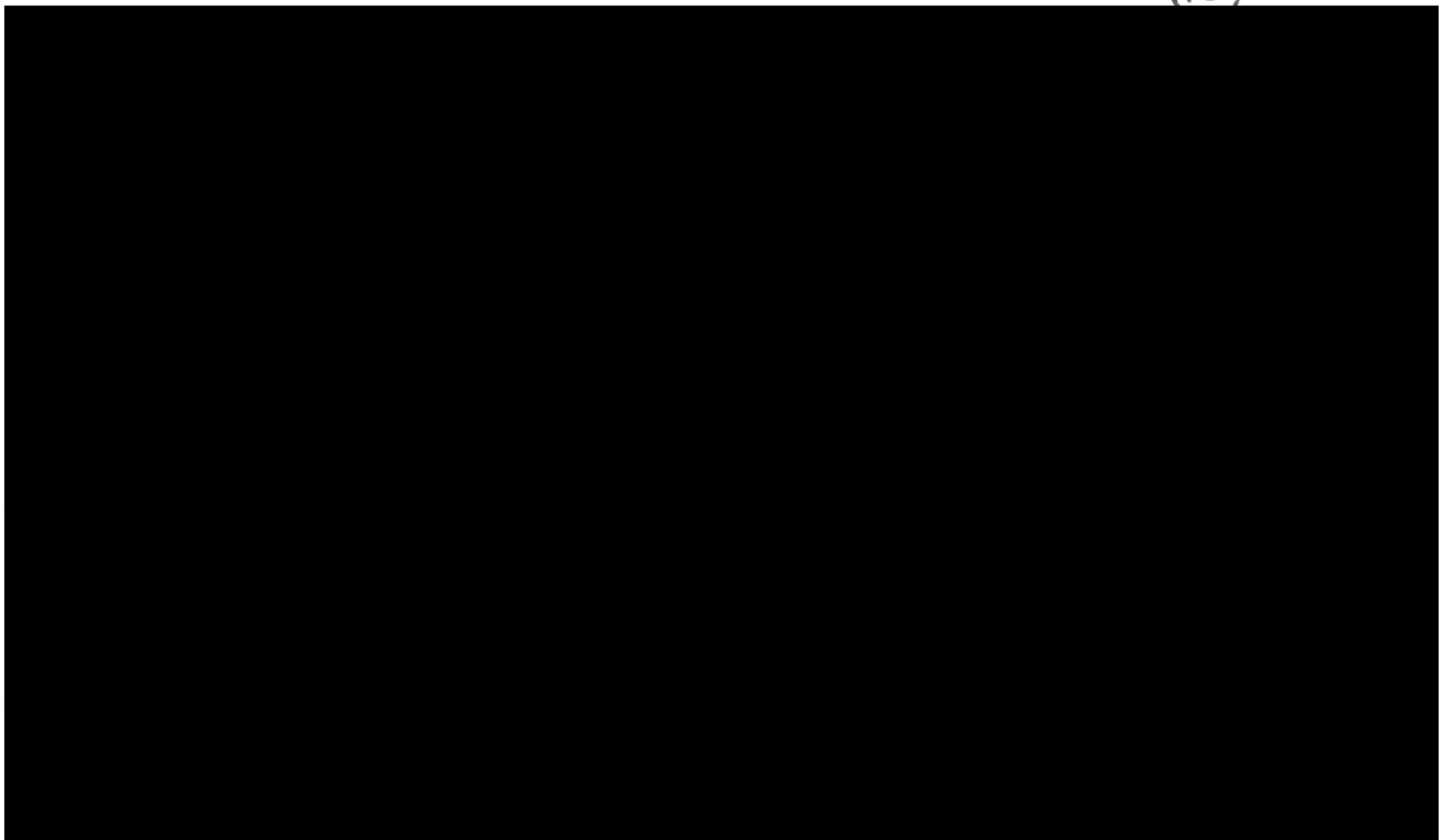
Please see letter attached to Irish Rail in relation to the recent Wifi tender that ran over nearly 3 years. When the announcement was made we were not successful we did not object then, as we were advised not to at that time. Maybe that conversation needs to happen face to face.

At this stage we would like a full hearing and investigation into the process and how we have been treated in this matter.

We have sought legal advice and its best we just send in our story and feelings ourselves for now as there is so many inconsistencies in this process.

So can you let me know when we can get some answers on this so we can at least get the chance to price a lesser like for like solution as in the same as the successful bidders produced.

Best regards



[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 10:14
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Irish Rail H&S antennas for LTE

Thanks [REDACTED]

That's great news, so we can now start making plans for POC. So can we talk to [REDACTED] now so we can prepare plans or do we have to wait until it formally signed?

Thanks
[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 09:52
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: [REDACTED]

[REDACTED]
[REDACTED] has instructed that the contract should now be executed with [REDACTED] without any further delay.
Could you now prioritise this for me.
Thanks,
[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 09:44
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: [REDACTED]

Hi [REDACTED]

When you get an update can you let me know please

Thanks
[REDACTED]

From: [REDACTED]
Sent: 04 January 2019 07:55
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: [REDACTED]

Hi,
My understanding is that there has been additional legal communication between [REDACTED]
and [REDACTED]

10

I was not included in the original correspondence from [REDACTED] so I don't know what the content of the additional legal communication is.

It will have to wait until [REDACTED] return to the office next Tuesday before I will know the updated status.

Thanks,

From: [REDACTED]
Sent: 04 January 2019 07:49

To: [REDACTED]

Cc: [REDACTED]

Subject: Re: Irish Rail [REDACTED]

Hi [REDACTED]

Is everything resolved now? Can we start communications with [REDACTED] again ?

Regards

From: [REDACTED]
Sent: 29 April 2019 16:37
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: [REDACTED]

I assume you are responding to the losing bidder to advise them that the standstill period has expired and that this was the timescale within which to raise issues or objections. I would avoid entering into any debate on the perceived rights and wrongs of our process

Regards

Sent from my iPhone

On 29 Apr 2019, at 15:52, [REDACTED] wrote:

Hi [REDACTED]

Would it be possible for you to come back to me with some information relating to the following;

1. TOTAL COST – Based on the fact that the winning bidder is offering a solution based on a per vehicle system with no requirement for backbone cabling or jumpers we don't believe tenders were evaluated on a like-for-like basis.

Could you comment on the technical elements of the IÉ specification and if there were any requirements for backbone cabling or jumpers?

2. SYSTEM RELIABILITY & MAINTAINABILITY

Could you comment on the 'does not read across into an automatically higher reliability or easier maintainability' statement in the letter?

Thanks,

From: [REDACTED]
Sent: 29 April 2019 14:12
To: [REDACTED]

Subject: [REDACTED]

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

Dear [REDACTED]

Please see letter attached to Irish Rail in relation to the recent Wifi tender that ran over nearly 3 years. When the announcement was made we were not successful we did not object then, as we were advised not to at that time. Maybe that conversation needs to happen face to face.

17

At this stage we would like a full hearing and investigation into the process and how we have been treated in this matter.

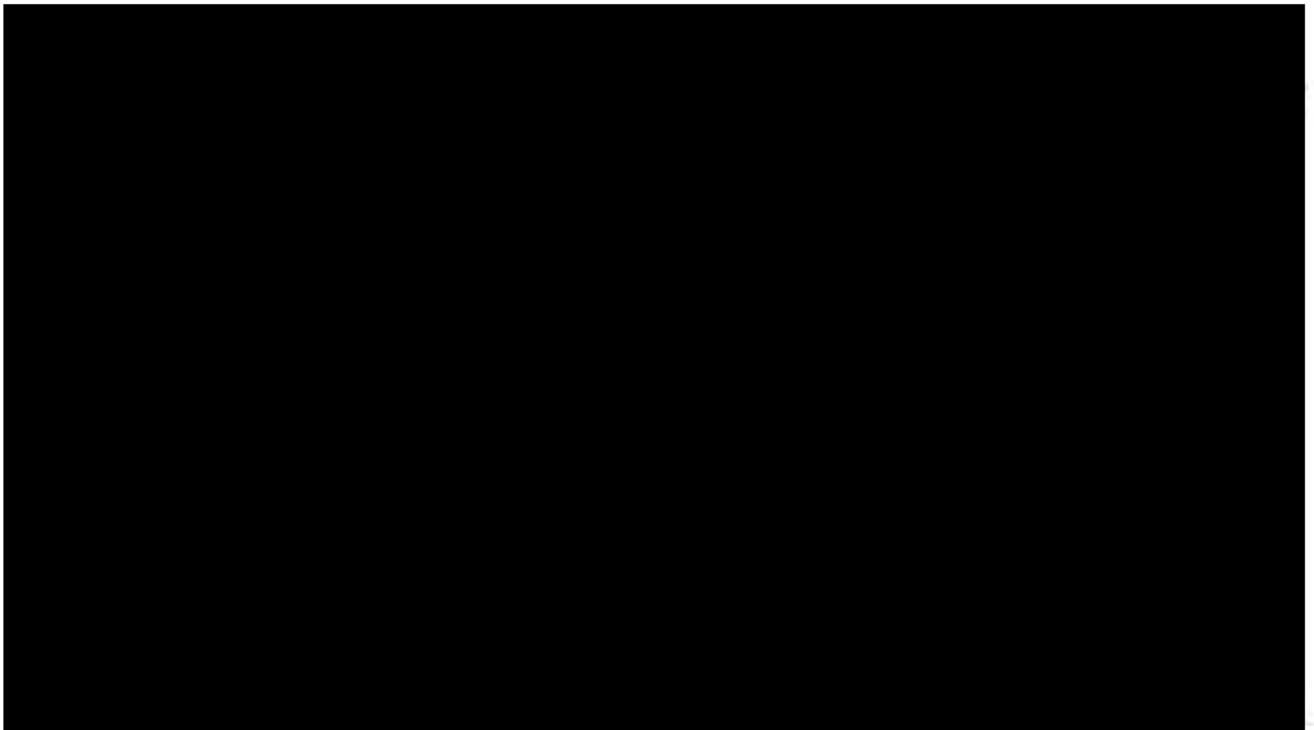
We have seeked legal advice and its best we just send in our story and feelings ourselves for now as there is so many inconsistencies in this process.

So can you let me know when we can get some answers on this so we can at least get the chance to price a lesser like for like solution as in the same as the successful bidders produced.

Best regards



Best, Regards,



<image001.png>

<mime-attachment>

<IUK-Irish Rail Letter-2604-v2.pdf>

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 09:52
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Irish Rail H&S antennas for LTE

[REDACTED]
[REDACTED] has instructed that the contract should now be executed with EVAD without any further delay.
Could you now prioritise this for me.
Thanks,
[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 09:44
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: [REDACTED]

Hi [REDACTED]

When you get an update can you let me know please

Thanks
[REDACTED]

From: [REDACTED]
Sent: 04 January 2019 07:55
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Irish Rail [REDACTED]

Hi,
My understanding is that there has been additional legal communication between [REDACTED]
and [REDACTED]
I was not included in the original correspondence from [REDACTED] so I don't know what the
content of the additional legal communication is.
It will have to wait until [REDACTED] return to the office next Tuesday before I will know the updated status.
Thanks,
[REDACTED]

From: [REDACTED]
Sent: 04 January 2019 07:49
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: Irish Rail [REDACTED]

Hi Gary

Is everything resolved now? Can we start communications with [REDACTED] again ?

18

Regards



Mander Gary

From: [REDACTED]
Sent: 08 January 2019 09:44
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Irish Rail H&S antennas for LTE

Hi [REDACTED]

When you get an update can you let me know please

Thanks
[REDACTED]

From: [REDACTED]
Sent: 04 January 2019 07:55
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Irish Rail [REDACTED]

Hi,
My understanding is that there has been additional legal communication between [REDACTED] and [REDACTED].
I was not included in the original correspondence from [REDACTED] so I don't know what the content of the additional legal communication is.
It will have to wait until Colm's return to the office next Tuesday before I will know the updated status.
Thanks,
[REDACTED]

From: [REDACTED]
Sent: 04 January 2019 07:49
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: Irish Rail H&S antennas for LTE

Hi [REDACTED]

Is everything resolved now? Can we start communications with Evad again ?

Regards
[REDACTED]

On 12 Dec 2018, at 08:51, [REDACTED] wrote:

Thanks.

From: [REDACTED]
Sent: 12 December 2018 08:51



To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Irish Rail [REDACTED]

Hi [REDACTED]

I have checked with our procurement department and have been advised by the team that we will not be able to meet for site visits or do anything further with the project until the contracts are signed after the stand still period. That means we won't be able to do the planned ICR visit in Connolly this week and will have to postpone until after the 1st Jan 2019 when the contracts are signed.

Regards
[REDACTED]

From: [REDACTED]
Sent: 11 December 2018 16:02
To: [REDACTED]
Subject: RE: Irish Rail [REDACTED]

Hi [REDACTED]

Not sure if you are aware but I had confirmation from [REDACTED] in procurement that the cooling period has been extended due to additional information being requested from one of the unsuccessful vendors. He has confirmed that contracts will not happen until January at this stage.

We are available to get started on documenting the current set in Connolly any time after this Wednesday that suits you.

Let me know your schedule and we will work around you

Thanks
[REDACTED]

19

From: [REDACTED]
Sent: 05 December 2018 14:41
To: [REDACTED]
Subject: Irish Rail [REDACTED]

Hi [REDACTED]

These are the drawings for the brackets for the low profile antennas for the ICR fleet

Regards
[REDACTED]

Iarnrod Éireann Irish Rail, cuideachta ghlomhailochta ainmnithe, faoi theorainn scaireanna, cláraithe in Éirinn ag Stáisiún Uí Chonghaile, Baile Átha Cliath 1, Úr. 119571 Úr. CBL: IE 4812851 O
Iarnrod Éireann Irish Rail, a designated activity company, limited by shares, registered in Ireland at Connolly Station, Dublin 1, No. 119571 VAT No. IE 4812851 O

Privileged Communication Notice from Evad IT solutions. This e-mail and any files transmitted with it are confidential and intended solely for the use of the individual to whom it is addressed. If you have received this email in error please send it back to the person that sent it to you. Any views or opinions presented are solely those of its author and do not necessarily represent those of Evad IT Solutions. Unauthorized publication, use, dissemination, forwarding, printing or copying of this email and its associated attachments is strictly prohibited. Evad IT Solutions, Registered No9698270G, Registered Address: 1 Bridgecourt Business Park, Walkinstown, Dublin 12. Web : www.evad.ie Email : reception@evad.ie Phone 01 7079814

[REDACTED]

From: [REDACTED]
Sent: 04 January 2019 07:49
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: Irish Rail [REDACTED]

Hi [REDACTED]

Is everything resolved now? Can we start communications with [REDACTED] again ?

Regards
[REDACTED]

On 12 Dec 2018, at 08:51, [REDACTED] wrote:

Thanks.

From: [REDACTED]
Sent: 12 December 2018 08:51
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Irish Rail [REDACTED]

Hi [REDACTED]

I have checked with our procurement department and have been advised by the team that we will not be able to meet for site visits or do anything further with the project until the contracts are signed after the stand still period. That means we won't be able to do the planned ICR visit in Connolly this week and will have to postpone until after the 1st Jan 2019 when the contracts are signed.

Regards
[REDACTED]

From: [REDACTED]
Sent: 11 December 2018 16:02
To: [REDACTED]
Subject: RE: Irish Rail [REDACTED]

Hi [REDACTED]

Not sure if you are aware but I had confirmation from [REDACTED] in procurement that the cooling period has been extended due to additional information being requested from one of the unsuccessful vendors. He has confirmed that contracts will not happen until January at this stage.

We are available to get started on documenting the current set in Connolly any time after this Wednesday that suits you.

Let me know your schedule and we will work around you

10
Thanks

From: [REDACTED]
Sent: 05 December 2018 14:41
To: [REDACTED]
Subject: Irish Rail [REDACTED]

Hi [REDACTED]

These are the drawings for the brackets for the low profile antennas for the ICR fleet

Regards
[REDACTED]

Iarnrod Éireann Irish Rail, culdeachta ghníomhaíochta ainmnithe, faoi theorainn scaireanna, claraithe in Éirinn ag Stáisiún Uí Chonghaile, Baile Átha Cliath 1, Úr. 119571 Úr. CBL: IE 4812851 O
Iarnrod Éireann Irish Rail, a designated activity company, limited by shares, registered in Ireland at Connolly Station, Dublin 1, No. 119571 VAT No. IE 4812851 O

Privileged Communication Notice from Evad IT solutions. This e-mail and any files transmitted with it are confidential and intended solely for the use of the individual to whom it is addressed. If you have received this email in error please send it back to the person that sent it to you. Any views or opinions presented are solely those of its author and do not necessarily represent those of Evad IT Solutions. Unauthorized publication, use, dissemination, forwarding, printing or copying of this email and its associated attachments is strictly prohibited. Evad IT Solutions, Registered No9698270G, Registered Address: 1 Bridgecourt Business Park, Walkinstown, Dublin 12. Web : www.evad.ie Email : reception@evad.ie Phone 01 7079814

(21)

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 11:28
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Irish Rail [REDACTED]

I would be inclined to hold off until the agreement is executed.
It shouldn't take too long for [REDACTED] to finalise.

The only item I would appreciate your input on would be the specification issued with the ITT. There has been a lot of email clarifications between the tender stage and today so if any changes have been made to your specification since the ITT version, could you send Beth a copy for insertion into the contract?

Thanks,
[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 10:14
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Irish Rail [REDACTED]

Thanks [REDACTED]

That's great news, so we can now start making plans for POC. So can we talk to Evad now so we can prepare plans or do we have to wait until it formally signed?

Thanks
[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 09:52

To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Irish Rail [REDACTED]

[REDACTED]
[REDACTED] has instructed that the contract should now be executed with [REDACTED] without any further delay.
Could you now prioritise this for me.

Thanks,
[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 09:44
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Irish Rail [REDACTED]

Hi Gary

2

When you get an update can you let me know please

Thanks

From: [REDACTED]
Sent: 04 January 2019 07:55
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Irish Rail [REDACTED]

Hi,
My understanding is that there has been additional legal communication between [REDACTED]
and [REDACTED]
I was not included in the original correspondence from [REDACTED] so I don't know what the
content of the additional legal communication is.
It will have to wait until [REDACTED] return to the office next Tuesday before I will know the updated status.
Thanks,
[REDACTED]

From: [REDACTED]
Sent: 04 January 2019 07:49
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: Irish Rail [REDACTED]

Hi [REDACTED]

Is everything resolved now? Can we start communications with [REDACTED] again ?

Regards

[REDACTED]

From: [REDACTED]
Sent: 18 February 2019 19:47
To: [REDACTED]
Subject: Re: Router Upgrade

Mmm. I'm with you on that. First I heard of the current [REDACTED]. Certainly needs careful scrutiny

[REDACTED]

Sent from my iPhone

On 18 Feb 2019, at 19:42 [REDACTED] wrote:

I'm not entirely convinced to be honest.
I suggest I ask for some references from the listed companies [REDACTED] and get them to flesh out the volume of types of hardware supplied to give us a better idea. I understand the [REDACTED] comment but surprised this wasn't flagged in their tender. I also would expect that a replacement router would be available from 2023 onwards so I find it strange. I'll request further information and ask him for official notification direct from Huawei also. There is obsolescence protection in the contract anyway but this really should have been flagged to us prior to signing last week.
I'll let you know how I get on.

[REDACTED]

From: [REDACTED]
Sent: Monday 18 February 2019 19:05:07
To: [REDACTED]
Subject: FW: Router Upgrade

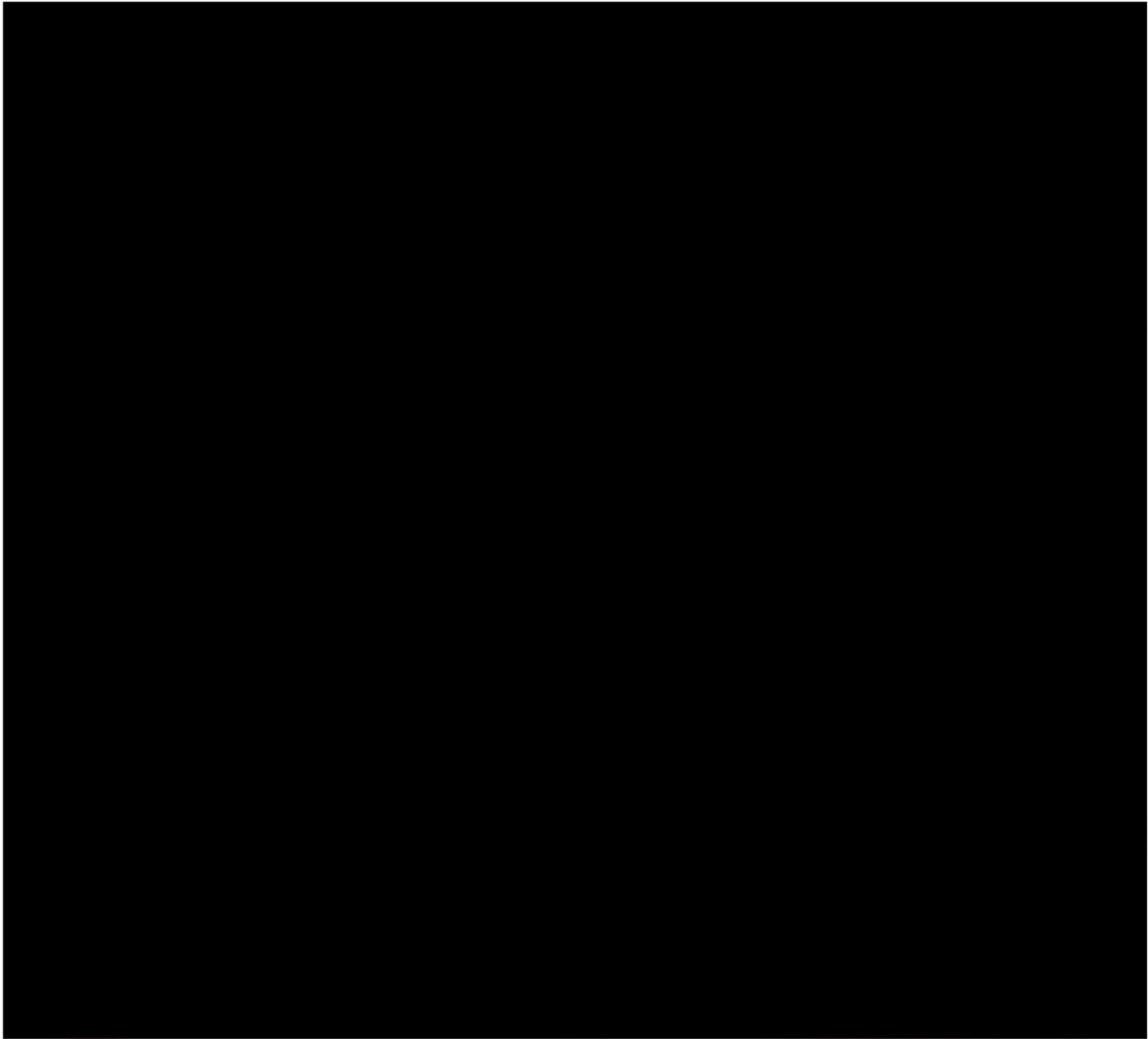
Hi [REDACTED]

Thank you for your email below and the opportunity to provide the rationale for the proposed changes for the manufacturers router only regarding our contract award.

Upon confirmation of the contract award on the 15th of November 2018 and with the recent information regarding [REDACTED] in the media gaining international interest, [REDACTED] decided to evaluate alternative options for the router hardware only, should a circumstance arise that Iarnród Éireann were not in a position to proceed with Huawei hardware. We ordered the [REDACTED] for the proof of concept as required. However recently in 2019, we have been made aware that the [REDACTED] model has become EOM (End of Manufacturing). We cannot in good consciousness provide any hardware to Iarnród Éireann that has gone EOM. The [REDACTED] product will remain in manufacturer support until 2023. Our procurement team has confirmed there is [REDACTED] stock within the European partner channel, although quantities are limited and sourcing additional units for Iarnród Éireann fleets growth has been identified as a potential challenge moving forward.

We contacted [REDACTED] in leu of this information and received notification of [REDACTED] hardware partners that would be a suitable like for like replacement for the hardware router whilst maintaining the complete additional hardware & software solution as

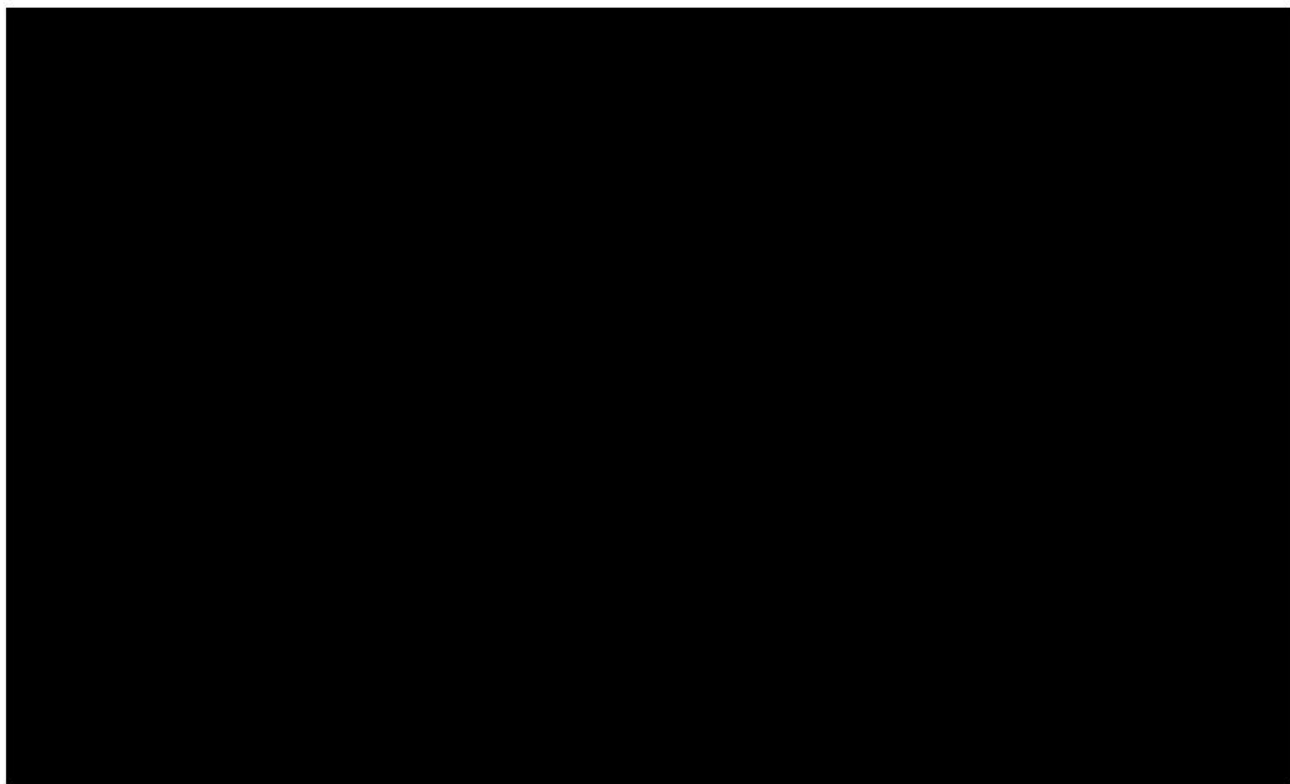
22
proposed. [REDACTED] contacted the proposed vendors and received sample units for testing and verification with the proposed solution, including our assigned software partners. [REDACTED]
[REDACTED] From our evaluation process, a clear manufacturer met all the criteria required for [REDACTED] to present the information to Iarnród Éireann should the issue of an alternative hardware router arise. The manufacturer in question is [REDACTED]
Furthermore, our evaluation also identified some key areas where the [REDACTED] hardware exceeded the [REDACTED] in capabilities, warranties, compatibilities and reference sites.



I trust the information contained above outlines the rationale for the proposed router change, in addition to the proactive consideration [REDACTED] has for this project and Iarnród Éireann. I am confident that the proof of concept will alleviate all concerns regarding the proposed hardware changes.

In summary, I personally believe [REDACTED] will exceed your expectations and deliver a best in class design, supply, installation, commissioning and maintenance service for the onboard Wi-Fi system – Contract Number [REDACTED] required by Iarnród Éireann.

Kind Regards



From: [REDACTED]
Sent: 18 February 2019 11:02
To: [REDACTED]
Subject: RE: Router Upgrade

Hello [REDACTED]

The information below has been brought to my attention with respect to the feasibility of changing from the [REDACTED] equipment from your tender to the [REDACTED] equipment discussed below. In essence, one of the strengths of your overall submissions was the [REDACTED] equipment so any move away from using it could/would re-open the very evaluation that resulted in your contract award (notwithstanding any advanced claims of improved power isolation or virtualisation etc.). To assist, could you please drop me a note to explain the rationale for the proposed new equipment and also confirm that the existing [REDACTED] equipment is still available should we not be in a position to consider the [REDACTED] equipment.
Thanks in advance,

[REDACTED]
Procurement Manager
Iarnród Éireann - Irish Rail (Railway Undertaking)
Inchicore Railway Works
Inchicore
Dublin 8



22

From:

Sent: 15 February 2019 00:35

To:

Subject: Router Upgrade

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

Hi

As per call today.

Please find attached the specifications, certificates and reference sites for the [REDACTED] router which [REDACTED] now integrates. This is identical in specification and certification to the older [REDACTED] but has the addition of some newer advanced features. Especially around power isolation and virtualization.

As I said on the call, the complete solution is the same

[REDACTED] management and monitoring software.

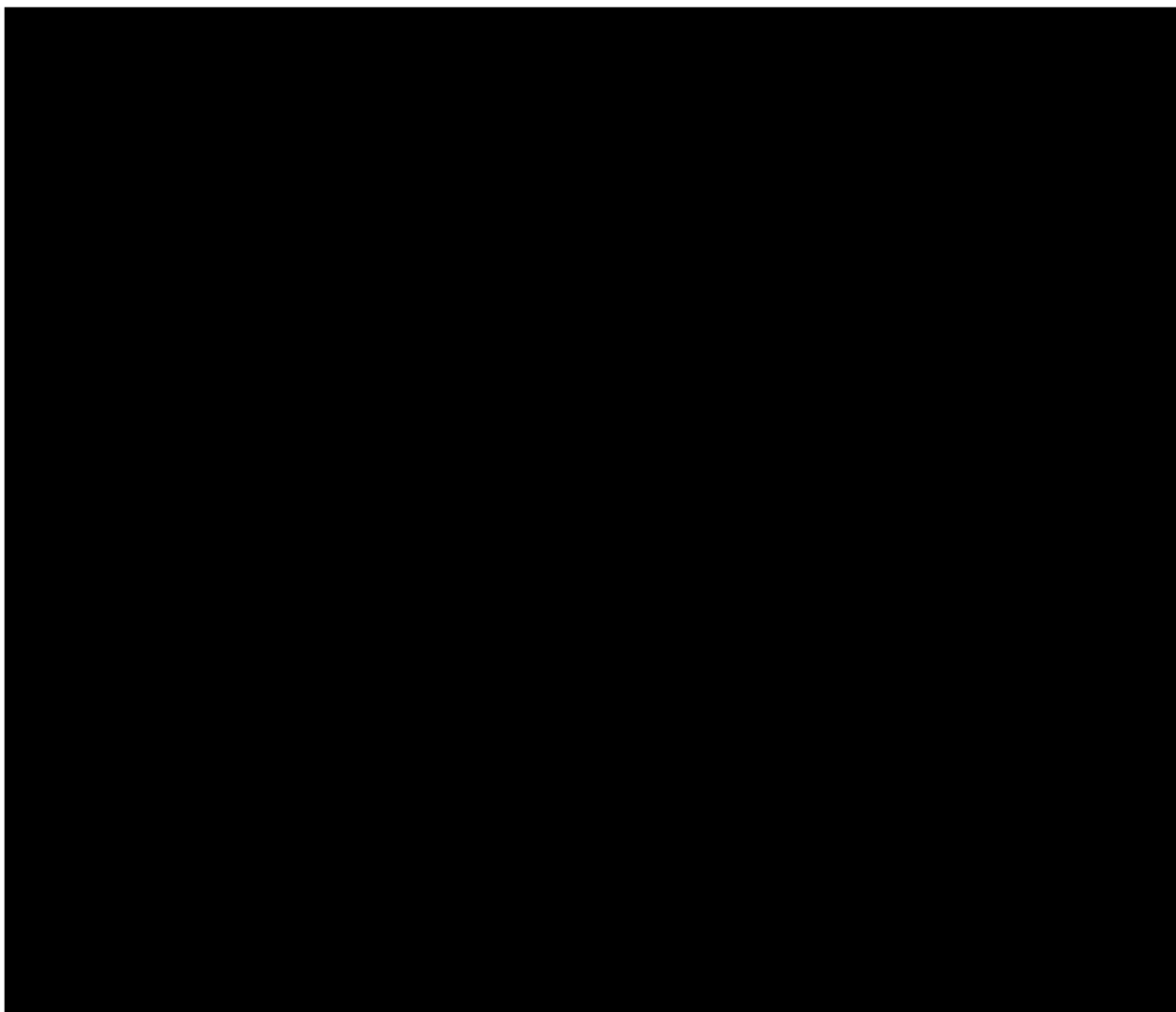
gps maps, Same [REDACTED] power trips, it's just a change of router model.

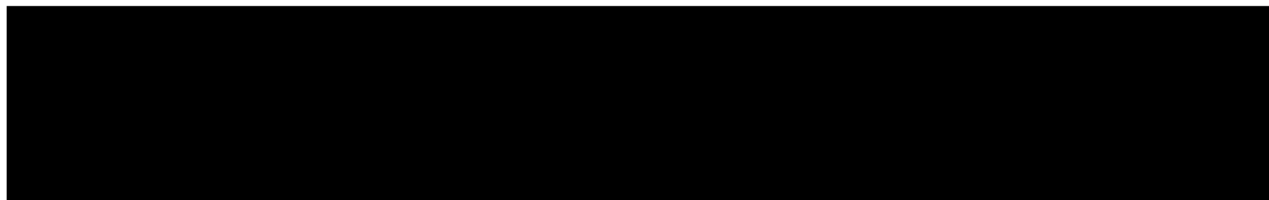
I have also confirmed the [REDACTED] compatibility as it holds a virtual solution facility with the same internal SSD storage.

I have confirmed lead times and POC stock are in line with the project.

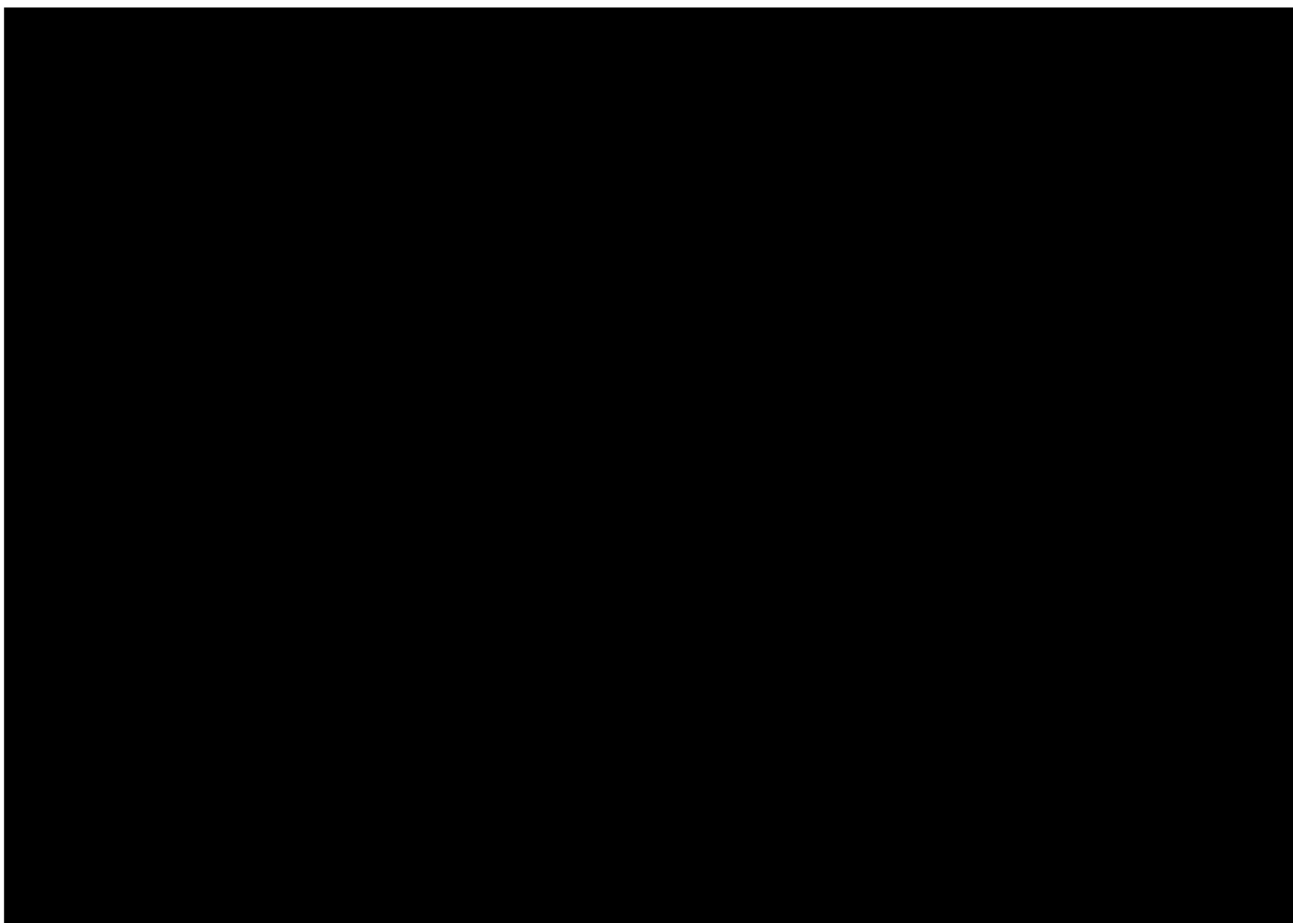
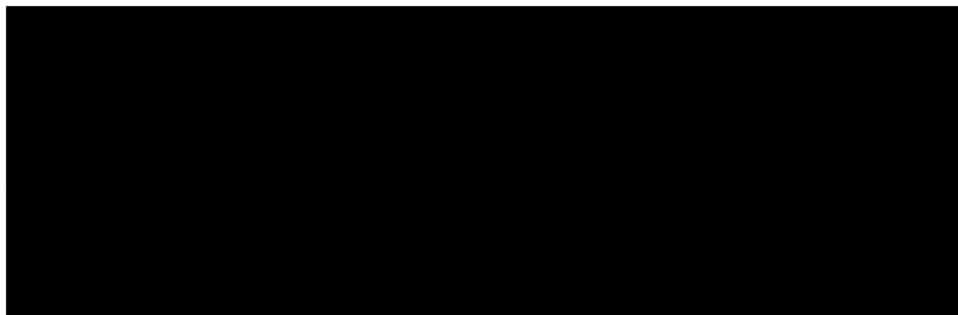
If you have any questions, please let me know

Kind Regards





Iarnrod Eireann Irish Rail, cuideachta ghniomhaíochta ainmnithe, faoi theorainn scaireanna, claraithe in Éirinn ag Stáisiún Uí Chonghaile, Baile Átha Cliath 1, Uir. 119571 Uir. CBL: IE 4812851 O
Iarnrod Eireann Irish Rail, a designated activity company, limited by shares, registered in Ireland at Connolly Station, Dublin 1, No. 119571 VAT No. IE 4812851 O



[REDACTED]

From: [REDACTED]
Sent: 20 February 2019 14:25
To: [REDACTED]
Subject: RE: Router Upgrade

Totally agree especially after [REDACTED] on it.

From: [REDACTED]
Sent: 20 February 2019 13:57
To: [REDACTED]
Subject: Fwd: Router Upgrade

I think we were right to flag this with [REDACTED]. There is no telling where this would have gone if we had tried to run with the other option independently. Let's see what [REDACTED] gets back

[REDACTED]

From: [REDACTED]
Date: 19 February 2019 at 08:41:19 GMT
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Router Upgrade

Many thanks for your response [REDACTED]

I see a number of difficulties in your response below but I will deal with the most important item first.

In essence, [REDACTED] only pre-qualified to participate in the tender process on the basis of the attached letter from Huawei.

I have no doubt as to the capabilities of [REDACTED] but they simply did not form part of the tender process, your qualification or your technical offering. I'm extremely concerned that this is only coming to light now, especially having only signed contracts 2 weeks ago.

For now, can I request that you arrange formal correspondence from [REDACTED] with respect to the content of the attached, the status of the [REDACTED] and what happens after 2023 (i.e. will they be bringing out a newer model as a like for like replacement) and forward to me by CoB on Friday 22nd February.

We will ascertain what action to take pending review of the correspondence.

Regards,

[REDACTED]

Procurement Manager
Iarnród Éireann - Irish Rail (Railway Undertaking)
Inchicore Railway Works
Inchicore
Dublin 8

[REDACTED]

2in

From: [REDACTED]
Sent: 06 March 2019 19:13
To: [REDACTED]
Subject: RE: Router Upgrade

Hi [REDACTED]

I had a read over the specs, I can't get the data sheet to download unless I register with the [REDACTED] Web site, but it can be read online so I got the info that way.

I'm a little unclear as to what is actually being proposed now. The new hardware is purely an access point with no connectivity to the network from what I can make out on the data sheets, its only works within its own Vlan, Unless we use an external Wireless network Lineside.

So are they proposing to use a single router and route the data through the AP's using them to mesh together (similar to what we have already) or are they proposing to use the AP connected to the new [REDACTED] Router by putting one in every coach with the AP? The router they are proposing seems to be the only mention of [REDACTED] connectivity for the system so it's not clear to me how they propose to use it. It's a little to vague to figure it out from the email below.

The AP seems fine and it has all the required certification from what I can see and is an [REDACTED] product that's listed on their site. There is no mention of what the [REDACTED] router is or who its made by and if its rail certified. I can't see them proposing the [REDACTED] unit they mentioned previously as this was the AP built into the Router as a unit so that would be over Kill. There's still a few questions that need to be answered in my view.

Regards
[REDACTED]

From: [REDACTED]
Sent: Wednesday 6 March 2019 17:49
To: [REDACTED]
Subject: Fwd: Router Upgrade

What do you think Anthony.

Check out the spec. Does it look like a [REDACTED] with an [REDACTED]

The million dollar question is all this at the same price?

[REDACTED]
Sent from my iPad

Begin forwarded message:

From: [REDACTED]
Date: 6 March 2019 at 16:52:08 GMT
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Router Upgrade

24

Hi [REDACTED]

Apologies for the delay in coming back to you.

As per our last email we have been working closely with [REDACTED] regarding the concerns of the EOM of the [REDACTED] what happens after 2023 and will they be bringing out a like for like replacement.

I can confirm that the replacement hardware solution is available now and [REDACTED] recommend that Irish Rail deploy the latest [REDACTED] Wireless Rail solution. This solution is nearly identical to the original proposed [REDACTED] with the main difference being the upgraded [REDACTED] wireless access device per carriage and an [REDACTED] LTE router. This eliminates the concerns regarding [REDACTED] hardware and any concerns regarding extended support. This slight change to the [REDACTED] hardware still provides all the benefits of the originally proposed hardware coupled with upgraded technology and feature sets i.e. trackside technology, wireless bridging between compartments. This positions Irish Rail with a modern Wireless Rail solution that supersedes the older [REDACTED]. This solution will remain in Hardware and Software support from [REDACTED] for the duration of the full contract term. Furthermore, This [REDACTED] Wireless Rail solution utilises the latest versions of the [REDACTED] Wireless Access hardware and software including the [REDACTED] controller & e-sight monitoring and management suites.

[REDACTED] have shipped the latest wireless rail hardware devices to [REDACTED] in order to proceed with the proof of concept asap

Please see below correspondence from [REDACTED] solution director.

Should you have any further concerns or require any additional information, please do not hesitate to contact me.

Kind Regards



From: [REDACTED]
Sent: 06 March 2019 10:06
To: [REDACTED]
Subject: RE: Contract Award for the design, supply, installation, commissioning and maintenance service for the onboard Wi-Fi system – [REDACTED] by Irish Rail & Letter of Undertaking from [REDACTED]

Hi [REDACTED]

Further to my email dated 1 March 2019, I am pleased to confirm that, on a subject to contract basis, we propose the [REDACTED] which has: (a) additional features to the wireless capabilities of the [REDACTED] (b) offers significant future proofing scope as it can implement out of the box with the [REDACTED] trackside network technology, should Irish Rail wish to consider this solution at a later date. The proposed [REDACTED] also supports wireless bridging between compartments and will connect directly to an [REDACTED] interface terminal, providing stable wireless services for passengers. As per the previous design the [REDACTED] integrates seamlessly with [REDACTED] Controller, e-sight and the [REDACTED] for cloud managed control and monitoring capabilities. Please note the [REDACTED] has the ability to manage up to six thousand devices which will enable Irish Rail to use a single platform should they wish to deploy [REDACTED] Products on additional trains or station [REDACTED] solutions in the future. Furthermore, the [REDACTED] will be in long term hardware and software support.

We would welcome the opportunity to support [REDACTED] in their Proof of Concept phase with Irish Rail in order to verify the proposed solution and showcase the [REDACTED] capabilities.

Kind regards

[REDACTED]

From: [REDACTED]
Sent: 22 February 2019 16:55
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: Router Upgrade

All very positive news [REDACTED] many thanks for the update.

Get [Outlook for Android](#)

24

From: [REDACTED]
Sent: Friday, February 22, 2019 4:06:24 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: Router Upgrade

Hi [REDACTED]

Thank you for your response.

[REDACTED] can confirm the [REDACTED] has been sourced and secured within the distribution channel. The [REDACTED] lead time on the POC deployment is 14 working days pending all satisfactory training and compliance certs are approved by Iarnród Éireann and subject to the POC Project planning meeting between [REDACTED] and the Iarnród Éireann Project team.

It is our understanding that Huawei will be introducing a newer replacement model prior to the [REDACTED] or alternatively as per the Letter of Undertaking provide extended support for the [REDACTED] Router for the remainder of the contract. i.e. Until 2024 with the option of further extended support subject to contract extension to 2026.

As per your request, we requested formal correspondence regarding above from [REDACTED] on Tuesday the 18th of February.

We have received an email today stating they will endeavour to have the formal response to us by the end of next week. As soon as I receive their response I will forward to you directly.

Thanks again for your patience, should you have any more queries, please let me know

[REDACTED]

24

From: [REDACTED]
Sent: 19 February 2019 08:41
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Router Upgrade

Many thanks for your response [REDACTED]
I see a number of difficulties in your response below but I will deal with the most important item first.
In essence, [REDACTED] only pre-qualified to participate in the tender process on the basis of the attached letter from [REDACTED]
I have no doubt as to the capabilities of [REDACTED] but they simply did not form part of the tender process, your qualification or your technical offering. I'm extremely concerned that this is only coming to light now, especially having only signed contracts 2 weeks ago.
For now, can I request that you arrange formal correspondence from [REDACTED] with respect to the content of the attached, the status of the [REDACTED] and what happens after 2023 (i.e. will they be bringing out a newer model as a like for like replacement) and forward to me by CoB on Friday 22nd February.
We will ascertain what action to take pending review of the correspondence.
Regards,

[REDACTED]
Procurement Manager
Iarnród Éireann - Irish Rail (Railway Undertaking)
Inchicore Railway Works
Inchicore
Dublin 8


[REDACTED]

From: [REDACTED]
Sent: 18 February 2019 19:05
To: [REDACTED]
Subject: FW: Router Upgrade

Hi [REDACTED]

Thank you for your email below and the opportunity to provide the rationale for the proposed changes for the manufacturers router only regarding our contract award.

Upon confirmation of the contract award on the 15th of November 2018 and with the recent information regarding [REDACTED] in the media gaining international interest, [REDACTED] decided to evaluate alternative options for the router hardware only, should a circumstance arise that Iarnród Éireann were not in a position to proceed with [REDACTED] hardware. We ordered the [REDACTED] for the proof of concept as required. However recently in 2019, we have been made aware that the [REDACTED] model has become EOM (End of Manufacturing). We cannot in good consciousness provide any hardware to Iarnród Éireann that has gone EOM.

 The [REDACTED] product will remain in manufacturer support until 2023. Our procurement team has confirmed there is [REDACTED] stock within the European partner channel, although quantities are limited and sourcing additional units for Iarnród Éireann fleets growth has been identified as a potential challenge moving forward.

We contacted [REDACTED] in leu of this information and received notification of [REDACTED] hardware partners that would be a suitable like for like replacement for the hardware router whilst maintaining the complete additional hardware & software solution as proposed. [REDACTED] contacted the proposed vendors and received sample units for testing and verification with the proposed solution, including our assigned software partners. [REDACTED]

[REDACTED] From our evaluation process, a clear manufacturer met all the criteria required for [REDACTED] to present the information to Iarnród Éireann should the issue of an alternative hardware router arise. The manufacturer in question is [REDACTED] Furthermore, our evaluation also identified some key areas where the [REDACTED] hardware exceeded the [REDACTED] capabilities, warranties, compatibilities and reference sites.

[REDACTED]

I trust the information contained above outlines the rationale for the proposed router change, in addition to the proactive consideration [REDACTED] has for this project and

22

Iarnród Éireann. I am confident that the proof of concept will alleviate all concerns regarding the proposed hardware changes.

In summary, I personally believe [REDACTED] will exceed your expectations and deliver a best in class design, supply, installation, commissioning and maintenance service for the onboard Wi-Fi system – Contract Number [REDACTED] required by Iarnród Éireann.

Kind Regards

[REDACTED]

From: [REDACTED]

Sent: 18 February 2019 11:02

To: [REDACTED]

Subject: RE: Router Upgrade

Hello [REDACTED]

The information below has been brought to my attention with respect to the feasibility of changing from the [REDACTED] equipment from your tender to the [REDACTED] equipment discussed below.

In essence, one of the strengths of your overall submissions was the [REDACTED] equipment so any move away from using it could/would re-open the very evaluation that resulted in your contract award (notwithstanding any advanced claims of improved power isolation or virtualisation etc.).

To assist, could you please drop me a note to explain the rationale for the proposed new equipment and also confirm that the existing [REDACTED] equipment is still available should we not be in a position to consider the [REDACTED] equipment.

Thanks in advance,

[REDACTED]



Iarnród Éireann - Irish Rail (Railway Undertaking)
Inchicore Railway Works
Inchicore
Dublin 8



From: [REDACTED]
Sent: 15 February 2019 00:35
To: [REDACTED]
Subject: Router Upgrade

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

Hi [REDACTED]

As per call today.

Please find attached the specifications, certificates and reference sites for the [REDACTED] router which [REDACTED] now integrates. This is identical in specification and certification to the older [REDACTED] but has the addition of some newer advanced features. Especially around power isolation and virtualization.

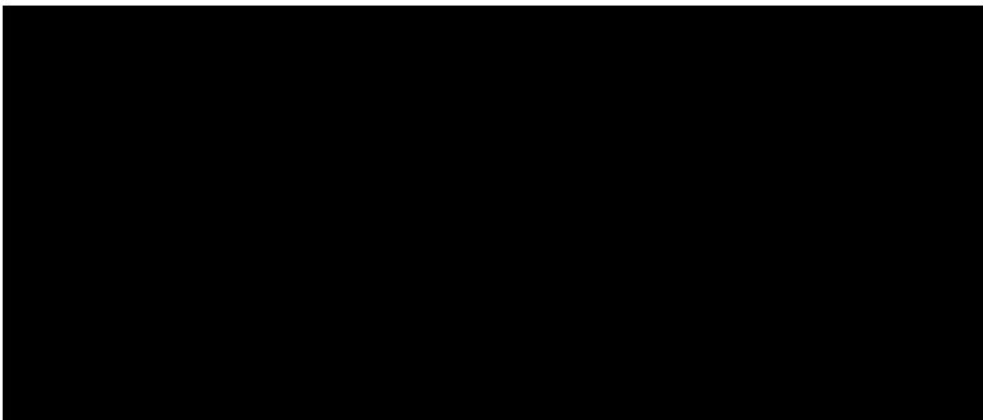
As I said on the call, the complete solution is the same. [REDACTED] management and monitoring software. (Esight - agile) Pico point captive portal. Pico point gps maps, Same Huber and Suhner aerials and RCBO power trips, it's just a change of router model.

I have also confirmed the [REDACTED] virtual system compatibility as it holds a virtual solution facility with the same internal SSD storage.

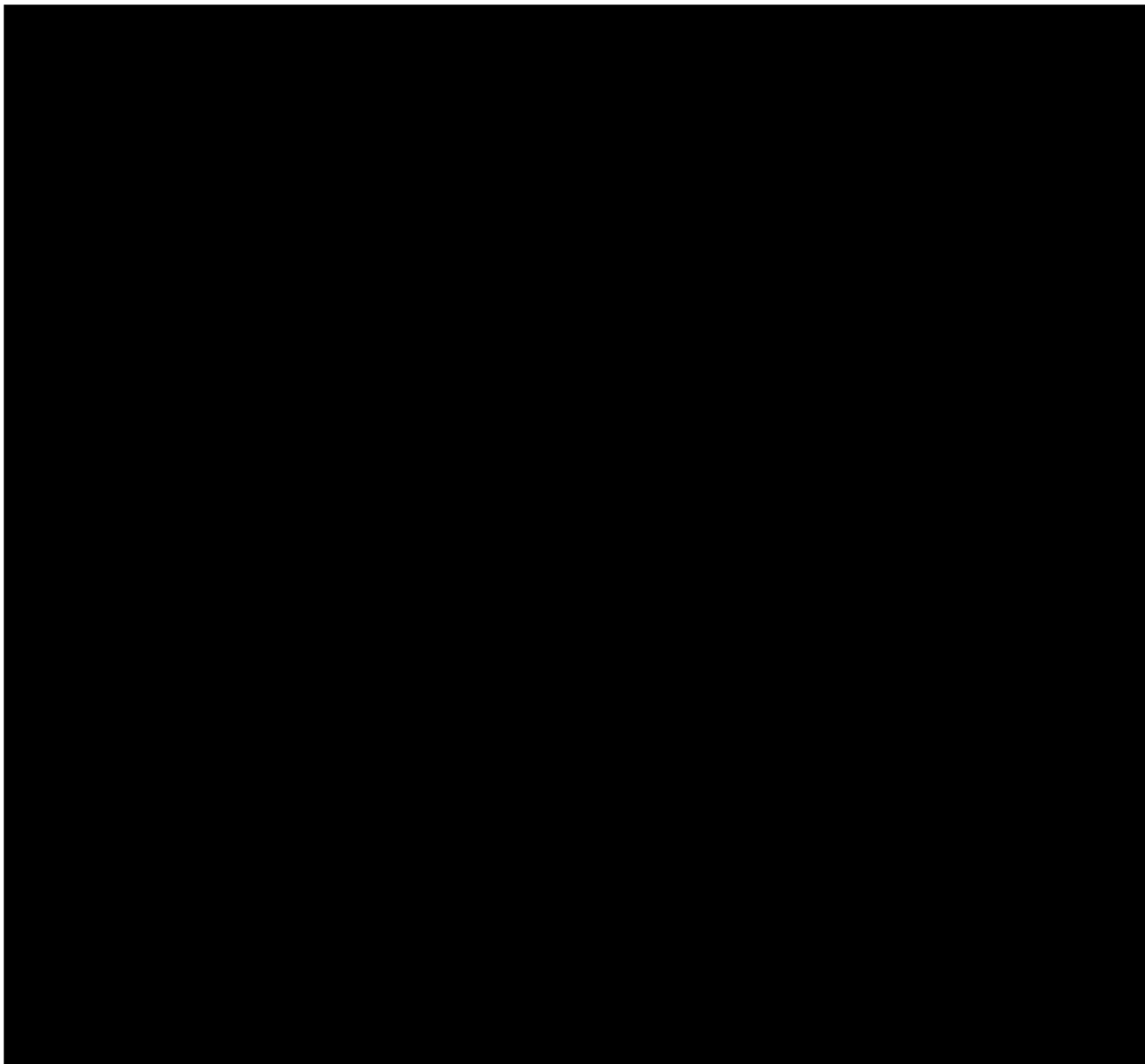
I have confirmed lead times and POC stock are in line with the project.

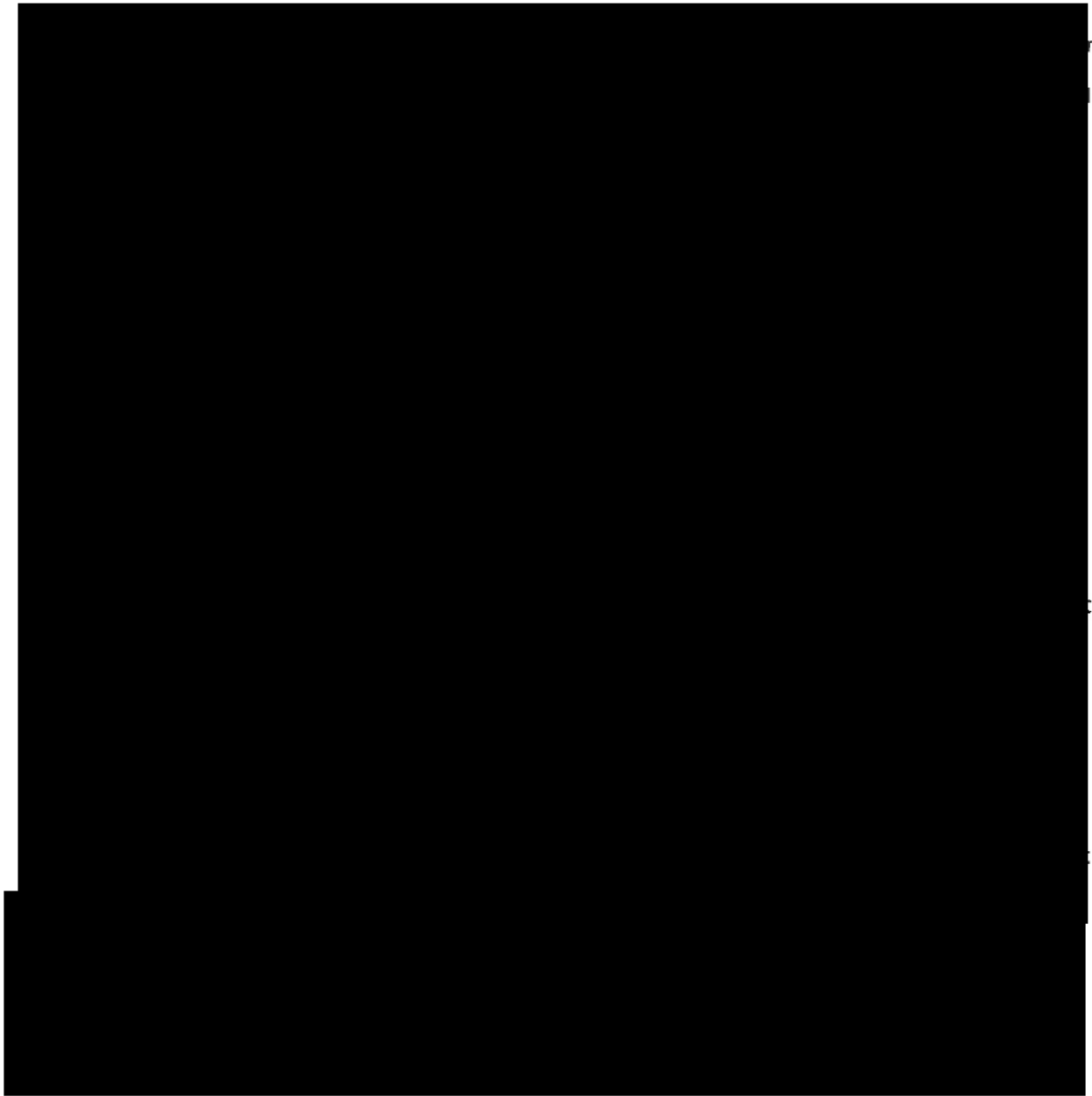
If you have any questions, please let me know

Kind Regards



24





[REDACTED]

From: [REDACTED]
Sent: 19 February 2019 09:04
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Router Upgrade

Hi [REDACTED]

Just to note, I was talking to [REDACTED] when he came in to announce the new setup and he did mention he had spoken to his legal team and they had said he was ok doing this as his proposal only mentioned a WIFI system not specifically a [REDACTED] system. This letter must negate this, just in case he tries to use that as a second defence.

Regards
[REDACTED]

From: [REDACTED]
Sent: 19 February 2019 08:41
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Router Upgrade

Many thanks for your response [REDACTED]

I see a number of difficulties in your response below but I will deal with the most important item first.

In essence, [REDACTED] only pre-qualified to participate in the tender process on the basis of the attached letter from [REDACTED]

I have no doubt as to the capabilities of [REDACTED] but they simply did not form part of the tender process, your qualification or your technical offering. I'm extremely concerned that this is only coming to light now, especially having only signed contracts 2 weeks ago.

For now, can I request that you arrange formal correspondence from [REDACTED] with respect to the content of the attached, the status of the [REDACTED] and what happens after 2023 (i.e. will they be bringing out a newer model as a like for like replacement) and forward to me by CoB on Friday 22nd February.

We will ascertain what action to take pending review of the correspondence.

Regards,

[REDACTED]
Procurement Manager
Iarnród Éireann - Irish Rail (Railway Undertaking)
Inchicore Railway Works
Inchicore
Dublin 8

[REDACTED]

From: [REDACTED]
Sent: 18 February 2019 19:05



To: [REDACTED]

Subject: FW: Router Upgrade

Hi [REDACTED]

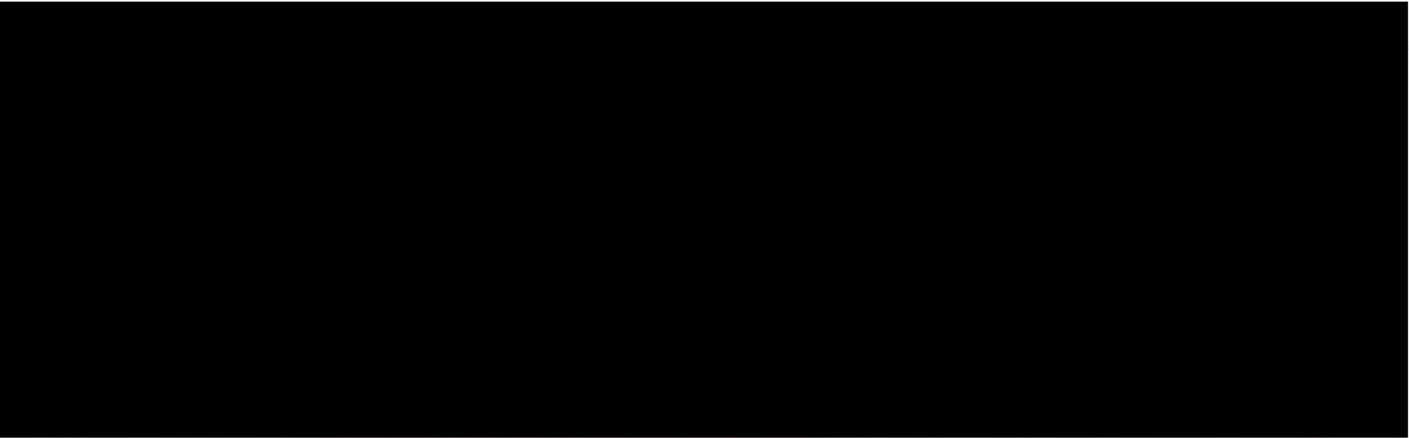
Thank you for your email below and the opportunity to provide the rationale for the proposed changes for the manufacturers router only regarding our contract award.

Upon confirmation of the contract award on the 15th of November 2018 and with the recent information regarding [REDACTED] in the media gaining international interest, [REDACTED] decided to evaluate alternative options for the router hardware only, should a circumstance arise that Iarnród Éireann were not in a position to proceed with [REDACTED] hardware. We ordered the [REDACTED] for the proof of concept as required. However recently in 2019, we have been made aware that the [REDACTED] model has become EOM (End of Manufacturing). We cannot in good consciousness provide any hardware to Iarnród Éireann that has gone EOM. The [REDACTED] product will remain in manufacturer support until 2023. Our procurement team has confirmed there is Huawei stock within the European partner channel, although quantities are limited and sourcing additional units for Iarnród Éireann fleets growth has been identified as a potential challenge moving forward.

We contacted Huawei in leu of this information and received notification of [REDACTED] hardware partners that would be a suitable like for like replacement for the hardware router whilst maintaining the complete additional hardware & software solution as proposed. [REDACTED] contacted the proposed vendors and received sample units for testing and verification with the proposed solution, including our assigned software partners. [REDACTED] etc. From our evaluation process, a clear manufacturer met all the criteria required for [REDACTED] to present the information to Iarnród Éireann should the issue of an alternative hardware router arise. The manufacturer in question is [REDACTED]. Furthermore, our evaluation also identified some key areas where the [REDACTED] hardware exceeded the [REDACTED] in capabilities, warranties, compatibilities and reference sites.

[REDACTED]

25



I trust the information contained above outlines the rationale for the proposed router change, in addition to the proactive consideration [REDACTED] Solutions has for this project and Iarnród Éireann. I am confident that the proof of concept will alleviate all concerns regarding the proposed hardware changes.

In summary, I personally believe [REDACTED] Solutions will exceed your expectations and deliver a best in class design, supply, installation, commissioning and maintenance service for the onboard Wi-Fi system – Contract Number [REDACTED] required by Iarnród Éireann.

Kind Regards



From: [REDACTED]
Sent: 18 February 2019 11:02
To: [REDACTED]
Subject: RE: Router Upgrade

Hello David,

The information below has been brought to my attention with respect to the feasibility of changing from the [REDACTED] equipment from your tender to the [REDACTED] equipment discussed below.

In essence, one of the strengths of your overall submissions was the [REDACTED] equipment so any move away from using it could/would re-open the very evaluation that resulted in your contract award (notwithstanding any advanced claims of improved power isolation or virtualisation etc.).

To assist, could you please drop me a note to explain the rationale for the proposed new equipment and also confirm that the existing [REDACTED] equipment is still available should we not be in a position to consider the [REDACTED]

Thanks in advance,

[REDACTED]
Procurement Manager
Iarnród Éireann - Irish Rail (Railway Undertaking)
Inchicore Railway Works
Inchicore
Dublin 8

From: [REDACTED]
Sent: 15 February 2019 00:35
To: [REDACTED]
Subject: Router Upgrade

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

Hi [REDACTED]

As per call today.

Please find attached the specifications, certificates and reference sites for the [REDACTED] router which [REDACTED] now integrates. This is identical in specification and certification to the older [REDACTED] but has the addition of some newer advanced features. Especially around power isolation and virtualization.

As I said on the call, the complete solution is the same.

[REDACTED] management and monitoring software. [REDACTED] Pico point gps maps, Same Huber and Suhner aerials and RCBO power trips, it's just a change of router model.

I have also confirmed the Nexala virtual system compatibility as it holds a virtual solution facility with the same internal SSD storage.

I have confirmed lead times and POC stock are in line with the project.

If you have any questions, please let me know

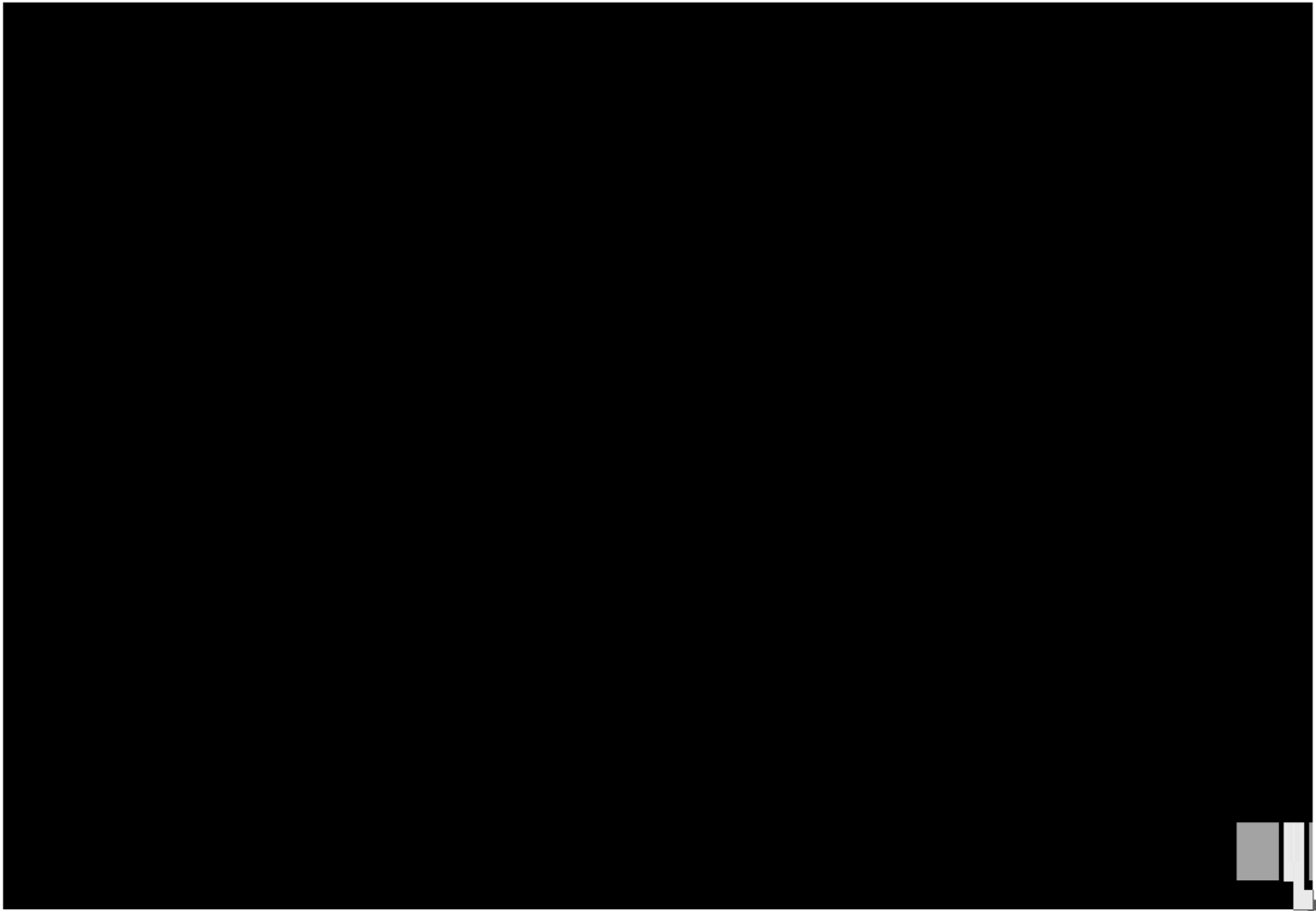
Kind Regards

[REDACTED]

[REDACTED]

[REDACTED]

76



+

20

[REDACTED]

From: [REDACTED]
Sent: 09 January 2019 13:32
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Thanks [REDACTED]

[REDACTED]

From: [REDACTED]
Sent: 09 January 2019 13:32
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

I advise when the document is ready

[REDACTED]
Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3

[REDACTED]

From: [REDACTED]
Sent: 09 January 2019 13:29
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Hi [REDACTED]

No problem, it was to get a timeframe in mind so I can plan.

If tomorrow is better for example that's fine, just let me know.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 09 January 2019 13:27
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

20

We won't rush this – it's more important to get it right (we've been tendering this for 2 years anyway)

Send to me for review first.

Chief Mechanical Engineer

Iarnrod Eireann

Inchicore

Dublin

D08 K6Y3

 Iarnrod Eireann

From:

Sent: 09 January 2019 12:25

To:

Cc:

Subject: Re: wifi

Nearly there , should be good for early afternoon

Sent from my iPhone XS

On 9 Jan 2019, at 12:17 p.m., wrote:

Hi

How are you getting on with the spec? Are you still able to get this to me this afternoon please?

Thanks,

From:

Sent: 08 January 2019 16:03

To:

Cc:

Subject: RE: wifi

Thanks for clarifying

please see attached the last word version I had before PDFing.

Thanks,

From:

Sent: 08 January 2019 15:27

26

[REDACTED]
Subject: RE: wifi

Thanks.

I think for now, and for the purposes of the contract, we should pull out the 2700 and have the fleet there as an optional requirement.

Same with the B cars, we should deal with these separately as a variation should we purchase additional cars.

[REDACTED]
From: [REDACTED]
Sent: 08 January 2019 15:22
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: wifi

[REDACTED]
Do you have a word version of the specification ? Ill need to make some changed in regard to the new B cars and take out the 2700 refurb as it is not going ahead.

Regards
[REDACTED]

Sent from my iPad

On 8 Jan 2019, at 11:41, [REDACTED] wrote:

Good morning [REDACTED]

Happy new year to you both.

I have been instructed by [REDACTED] to proceed with execution of the contract.

I am currently populating the ten schedules that make up the contract, one of which is the specification.

The version of the Spec that went out with the tender pack is attached. There was quite a lot of Q&A in the tender process plus we went out to bidders with further information in order to receive accurate implementation plans. I have attached the Q&A and the appendix that we issued. Please could [REDACTED] and yourself ensure the specification is inclusive of all information that the Q&A may have contributed to the final spec, i.e. – please could you ensure that the final version of the specification that is being inserted into the contract accurately reflects what the bidders were bidding for, and could you send me the final version once complete?

Grateful for your assistance in this matter.

Thanks,
[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 09:52

26
T

Subject: wifi

Do you have any update re the Wifi award to EVAD and if the legal challenge has materialised?

Regards

Chief Mechanical Engineer

Iarnrod Eireann

Inchicore

Dublin

D08 K6Y3

<Appendix.pdf>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<WIFI SPECIFICATION.pdf>

22

[REDACTED]

From: [REDACTED]
Sent: 09 January 2019 13:32
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

I advise when the document is ready

[REDACTED]
Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3

[REDACTED]

WorldStream
PARTIAL

From: [REDACTED]
Sent: 09 January 2019 13:29
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Hi [REDACTED]

No problem, it was to get a timeframe in mind so I can plan.

If tomorrow is better for example that's fine, just let me know.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 09 January 2019 13:27
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

[REDACTED]

We won't rush this – it's more important to get it right (we've been tendering this for 2 years anyway)

[REDACTED]

Send to me for review first.



Chief Mechanical Engineer

Iarnrod Eireann

Inchicore

Dublin

D08 K6Y8

From: [REDACTED]

Sent: 09 January 2019 12:25

To: [REDACTED]

Cc: [REDACTED]

Subject: Re: wifi

Nearly there , should be good for early afternoon

Sent from my iPhone XS

On 9 Jan 2019, at 12:17 p.m. [REDACTED] wrote:

H [REDACTED]

How are you getting on with the spec? Are you still able to get this to me this afternoon please?

Thanks,

From: [REDACTED]

Sent: 08 January 2019 16:03

To: [REDACTED]

Cc: [REDACTED]

Subject: RE: wifi

Thanks for clarifying [REDACTED]

[REDACTED] please see attached the last word version I had before PDFing.

Thanks,

From: [REDACTED]

Sent: 08 January 2019 15:27

To: [REDACTED]

Cc: [REDACTED]

Subject: RE: wifi

Thanks.

I think for now, and for the purposes of the contract, we should pull out the 2700 and have the fleet there as an optional requirement.

Same with the B cars, we should deal with these separately as a variation should we purchase additional cars.

27

From: [REDACTED]
Sent: 08 January 2019 15:22
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: Wifi

Do you have a word version of the specification ? Ill need to make some changed in regard to the new B cars and take out the 2700 refurb as it is not going ahead.

Regards

Sent from my iPad

On 8 Jan 2019, at 11:49, [REDACTED] wrote:

Good morning [REDACTED]

Happy new year to you both.

I have been instructed by [REDACTED] to proceed with execution of the contract.

I am currently populating the ten schedules that make up the contract, one of which is the specification.

The version of the Spec that went out with the tender pack is attached. There was quite a lot of Q&A in the tender process plus we went out to bidders with further information in order to receive accurate implementation plans. I have attached the Q&A and the appendix that we issued. Please could [REDACTED] and yourself ensure the specification is inclusive of all information that the Q&A may have contributed to the final spec, i.e. – please could you ensure that the final version of the specification that is being inserted into the contract accurately reflects what the bidders were bidding for, and could you send me the final version once complete?

Grateful for your assistance in this matter.

Thanks,

From: [REDACTED]
Sent: 08 January 2019 09:52
To: [REDACTED]
Subject: Wifi

Do you have any update re the Wifi award to [REDACTED] and if the legal challenge has materialised?

Regards



[REDACTED]
Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3

[REDACTED]
image002.png

<Appendix.pdf>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<WIFI SPECIFICATION.pdf>



[REDACTED]

From: [REDACTED]
Sent: 09 January 2019 13:29
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

[REDACTED]

No problem, it was to get a timeframe in mind so I can plan.

If tomorrow is better for example that's fine, just let me know.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 09 January 2019 13:27
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

[REDACTED]

We won't rush this – it's more important to get it right (we've been tendering this for 2 years anyway)

[REDACTED]

Send to me for review first.

[REDACTED]

Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3

[REDACTED]

From: [REDACTED]
Sent: 09 January 2019 12:25
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Nearly there , should be good for early afternoon

Sent from my iPhone XS



On 9 Jan 2019, at 12:17 p.m. [REDACTED] wrote:

[REDACTED]

How are you getting on with the spec? Are you still able to get this to me this afternoon please?

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 16:03
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Thanks for clarifying [REDACTED]

[REDACTED] please see attached the last word version I had before PDFing.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 15:27
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Thanks.

I think for now, and for the purposes of the contract, we should pull out the 2700 and have the fleet there as an optional requirement.

Same with the B cars, we should deal with these separately as a variation should we purchase additional cars.

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 15:22
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: wifi

[REDACTED]

Do you have a word version of the specification ? I'll need to make some changes in regard to the new B cars and take out the 2700 refurb as it is not going ahead.

Regards

[REDACTED]

Sent from my iPad

On 8 Jan 2019, at 11:49, [REDACTED] wrote:

256
Good morning [REDACTED]

Happy new year to you both.

I have been instructed by [REDACTED] to proceed with execution of the contract.

I am currently populating the ten schedules that make up the contract, one of which is the specification.

The version of the Spec that went out with the tender pack is attached. There was quite a lot of Q&A in the tender process plus we went out to bidders with further information in order to receive accurate implementation plans. I have attached the Q&A and the appendix that we issued. Please could [REDACTED] and yourself ensure the specification is inclusive of all information that the Q&A may have contributed to the final spec, i.e. – please could you ensure that the final version of the specification that is being inserted into the contract accurately reflects what the bidders were bidding for, and could you send me the final version once complete?

Grateful for your assistance in this matter.

Thanks,

[REDACTED]

From [REDACTED]
Sent: 08 January 2019 09:52
To: [REDACTED]
Subject: wifi

[REDACTED]

Do you have any update re the Wifi award to [REDACTED] and if the legal challenge has materialised?

Regards

[REDACTED]
Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3

[REDACTED]
<image001.png>

<Appendix.pdf>

<mime-attachment>

<mime-attachment>

<mime-attachment>

18
<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<WIFI SPECIFICATION.pdf>

29

[REDACTED]

From: [REDACTED]
Sent: 09 January 2019 12:27
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Brilliant, thanks [REDACTED]

[REDACTED]

From: [REDACTED]
Sent: 09 January 2019 12:25
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: wifi

Nearly there , should be good for early afternoon

Sent from my iPhone XS

On 9 Jan 2019, at 12:17 p.m., [REDACTED] wrote:

Hi [REDACTED]

How are you getting on with the spec? Are you still able to get this to me this afternoon please?

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 16:03
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Thanks for clarifying [REDACTED]

[REDACTED] please see attached the last word version I had before PDFing.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 15:27
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Thanks.

29
I think for now, and for the purposes of the contract, we should pull out the 2700 and have the fleet there as an optional requirement.

Same with the B cars, we should deal with these separately as a variation should we purchase additional cars.

From: [REDACTED]
Sent: 08 January 2019 15:22
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: wifi

Do you have a word version of the specification ? I'll need to make some changes in regard to the new B cars and take out the 2700 refurb as it is not going ahead.

Regards

Sent from my iPad

On 8 Jan 2019, at 11:49, [REDACTED] wrote:

Good morning [REDACTED]

Happy new year to you both.

I have been instructed by [REDACTED] to proceed with execution of the contract.

I am currently populating the ten schedules that make up the contract, one of which is the specification.

The version of the Spec that went out with the tender pack is attached. There was quite a lot of Q&A in the tender process plus we went out to bidders with further information in order to receive accurate implementation plans. I have attached the Q&A and the appendix that we issued. Please could [REDACTED] and yourself ensure the specification is inclusive of all information that the Q&A may have contributed to the final spec, i.e. – please could you ensure that the final version of the specification that is being inserted into the contract accurately reflects what the bidders were bidding for, and could you send me the final version once complete?

Grateful for your assistance in this matter.

Thanks,

From: [REDACTED]
Sent: 08 January 2019 09:52
To: [REDACTED]
Subject: wifi

29

Do you have any update re the Wifi award to [REDACTED] and if the legal challenge has materialised?

Regards

[REDACTED]
Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3

[REDACTED]

<Appendix.pdf>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<WIFI SPECIFICATION.pdf>

30

[REDACTED]

From: [REDACTED]
Sent: 09 January 2019 12:18
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Hi [REDACTED]

How are you getting on with the spec? Are you still able to get this to me this afternoon please?

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 16:03
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Thanks for clarifying [REDACTED]

[REDACTED] please see attached the last word version I had before PDFing.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 15:27
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Thanks.

I think for now, and for the purposes of the contract, we should pull out the 2700 and have the fleet there as an optional requirement.

Same with the B cars, we should deal with these separately as a variation should we purchase additional cars.

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 15:22
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: wifi

[REDACTED]

Do you have a word version of the specification? I'll need to make some changes in regard to the new B cars and take out the 2700 refurb as it is not going ahead.

20

Regards

Sent from my iPad

On 8 Jan 2019, at 11:49, [REDACTED] wrote:

Good morning [REDACTED]

Happy new year to you both.

I have been instructed by [REDACTED] to proceed with execution of the contract.

I am currently populating the ten schedules that make up the contract, one of which is the specification.

The version of the Spec that went out with the tender pack is attached. There was quite a lot of Q&A in the tender process plus we went out to bidders with further information in order to receive accurate implementation plans. I have attached the Q&A and the appendix that we issued. Please could [REDACTED] and yourself ensure the specification is inclusive of all information that the Q&A may have contributed to the final spec, i.e. – please could you ensure that the final version of the specification that is being inserted into the contract accurately reflects what the bidders were bidding for, and could you send me the final version once complete?

Grateful for your assistance in this matter.

Thanks,

[REDACTED]

From [REDACTED]
Sent: 08 January 2019 09:52
To: [REDACTED]
Subject: wifi

[REDACTED]

Do you have any update re the Wifi award to [REDACTED] and if the legal challenge has materialised?

Regards

[REDACTED]
Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y2

[REDACTED]

<Appendix.pdf>

20

<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<WIFI SPECIFICATION.pdf>

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 15:28
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Hi [REDACTED]

I checked with [REDACTED] We have everything with legal now apart from the spec, so once you're able to provide me with the final spec, we'll then be able to execute ASAP.

Thanks,

From: [REDACTED]
Sent: 08 January 2019 14:04
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

[REDACTED]

Apologies, I thought you meant the timeline to get the spec finalised.

I will check this with [REDACTED] I've just been told to get it ready for execution ASAP. He's in a meeting just now but I'll check with him and let you know.

Thanks,

From: [REDACTED]
Sent: 08 January 2019 14:01
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Thanks. I meant what is the timeline for procurement to execute the contract. In other words if you had the updated specification tomorrow would you then call in [REDACTED] to sign or is there anything else you are waiting for?

[REDACTED]
Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3

31

From [REDACTED]
Sent: 08 January 2019 13:57
To [REDACTED]
Cc [REDACTED]
Subject: RE: wifi

Hi [REDACTED]

I've been asked to prioritise so it's a case of "as soon as possible" please.

Thanks,

[REDACTED]

From [REDACTED]
Sent: 08 January 2019 13:56
To [REDACTED]
Cc [REDACTED]
Subject: RE: wifi

Noted thanks. What are the timelines to execute?

[REDACTED]
Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3

From [REDACTED]
Sent: 08 January 2019 11:50
To [REDACTED]
Cc [REDACTED]
Subject: RE: wifi

Good morning [REDACTED]

Happy new year to you both.

I have been instructed by [REDACTED] to proceed with execution of the contract.

I am currently populating the ten schedules that make up the contract, one of which is the specification.

The version of the Spec that went out with the tender pack is attached. There was quite a lot of Q&A in the tender process plus we went out to bidders with further information in order to receive accurate implementation plans. I have attached the Q&A and the appendix that we issued. Please could [REDACTED] and yourself ensure the specification is inclusive of all information that the Q&A may have contributed to the final spec, i.e. – please could you ensure that the final version of the specification that is being inserted into the contract accurately reflects what the bidders were bidding for, and could you send me the final version once complete?

Grateful for your assistance in this matter.

31

Thanks,

[REDACTED]

From [REDACTED]

Sent: 08 January 2019 09:52

To [REDACTED]

Subject: Wifi

[REDACTED]

Do you have any update re the Wifi award to [REDACTED] and if the legal challenge has materialised?

Regards

[REDACTED]

Chief Mechanical Engineer

Iarnrod Eireann

Inchicore

Dublin

D08 K6Y3

[REDACTED]



Mander Gary

From: [REDACTED]
Sent: 08 January 2019 15:27
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Thanks.

I think for now, and for the purposes of the contract, we should pull out the 2700 and have the fleet there as an optional requirement.

Same with the B cars, we should deal with these separately as a variation should we purchase additional cars.

From: [REDACTED]
Sent: 08 January 2019 15:22
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: wifi

Do you have a word version of the specification ? I'll need to make some changes in regard to the new B cars and take out the 2700 refurb as it is not going ahead.

Regards

Sent from my iPad

On 8 Jan 2019, at 11:49, [REDACTED] wrote:

Good morning [REDACTED]

Happy new year to you both.

I have been instructed by [REDACTED] to proceed with execution of the contract.

I am currently populating the ten schedules that make up the contract, one of which is the specification.

The version of the Spec that went out with the tender pack is attached. There was quite a lot of Q&A in the tender process plus we went out to bidders with further information in order to receive accurate implementation plans. I have attached the Q&A and the appendix that we issued. Please could [REDACTED] and yourself ensure the specification is inclusive of all information that the Q&A may have contributed to the final spec, i.e. – please could you ensure that the final version of the specification that is being inserted into the contract accurately reflects what the bidders were bidding for, and could you send me the final version once complete?

Grateful for your assistance in this matter.

Thanks,



From: [REDACTED]
Sent: 08 January 2019 09:52
To: [REDACTED]
Subject: wifi

[REDACTED]

Do you have any update re the Wifi award to [REDACTED] and if the legal challenge has materialised?

Regards

[REDACTED]

Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3

[REDACTED]

<Appendix.pdf>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<mime-attachment>
<WIFI SPECIFICATION.pdf>

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 14:01
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Thanks. I meant what is the timeline for procurement to execute the contract. In other words if you had the updated specification tomorrow would you then call [REDACTED] to sign or is there anything else you are waiting for?

[REDACTED]
Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 13:57
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Hi [REDACTED]

I've been asked to prioritise so it's a case of "as soon as possible" please.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 13:56
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Noted thanks. What are the timelines to execute?

[REDACTED]
Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3

[REDACTED]

33

From: [REDACTED]
Sent: 08 January 2019 11:50
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Good morning [REDACTED]

Happy new year to you both.

I have been instructed by [REDACTED] to proceed with execution of the contract.

I am currently populating the ten schedules that make up the contract, one of which is the specification.

The version of the Spec that went out with the tender pack is attached. There was quite a lot of Q&A in the tender process plus we went out to bidders with further information in order to receive accurate implementation plans. I have attached the Q&A and the appendix that we issued. Please could [REDACTED] and yourself ensure the specification is inclusive of all information that the Q&A may have contributed to the final spec, i.e. – please could you ensure that the final version of the specification that is being inserted into the contract accurately reflects what the bidders were bidding for, and could you send me the final version once complete?

Grateful for your assistance in this matter.

Thanks,

From: [REDACTED]
Sent: 08 January 2019 09:52
To: [REDACTED]
Subject: wifi

Do you have any update re the Wifi award to [REDACTED] and if the legal challenge has materialised?

Regards

[REDACTED]
Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3

[REDACTED]
Iarnrod Eireann
Inchicore

34

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 13:57
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Hi [REDACTED]

I've been asked to prioritise so it's a case of "as soon as possible" please.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 13:56
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Noted thanks. What are the timelines to execute?

[REDACTED]
Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3

From: [REDACTED]
Sent: 08 January 2019 11:50
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Good morning [REDACTED]

Happy new year to you both.

I have been instructed by [REDACTED] to proceed with execution of the contract.

I am currently populating the ten schedules that make up the contract, one of which is the specification.

The version of the Spec that went out with the tender pack is attached. There was quite a lot of Q&A in the tender process plus we went out to bidders with further information in order to receive accurate implementation plans. I have attached the Q&A and the appendix that we issued. Please could [REDACTED] and yourself ensure the specification is inclusive of all information that the Q&A may have contributed to the final spec, i.e. – please could you ensure

23A
that the final version of the specification that is being inserted into the contract accurately reflects what the bidders were bidding for, and could you send me the final version once complete?

Grateful for your assistance in this matter.

Thanks,

[REDACTED]
From [REDACTED]
Sent: 08 January 2019 09:52
To [REDACTED]
Subject: wifi

[REDACTED]
Do you have any update re the Wifi award to [REDACTED] and if the legal challenge has materialised?

Regards

[REDACTED]
Chief Mechanical Engineer
Iarnrod Eireann
Inchicore
Dublin
D08 K6Y3
[REDACTED]



[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 11:50
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi
Attachments: Appendix.pdf; 6560 - [Provision of Wi-Fi Services] - Clarification 1; 6560 - [Provision of Wi-Fi Services] - Clarification 2; 6560 - [Provision of Wi-Fi Services] - Clarification 3; 6560 - [Provision of Wi-Fi Services] - Clarification 4; 6560 - [Provision of Wi-Fi Services] - Clarification 5; 6560 - [Provision of Wi-Fi Services] - Clarification 6; 6560 - [Provision of Wi-Fi Services] - Clarification 7; 6560 - [Provision of Wi-Fi Services] - Clarification 8; WIFI Tender Clarifications; WIFI Tender Clarifications; WIFI SPECIFICATION.pdf

Good morning [REDACTED]

Happy new year to you both.

I have been instructed by [REDACTED] to proceed with execution of the contract.

I am currently populating the ten schedules that make up the contract, one of which is the specification.

The version of the Spec that went out with the tender pack is attached. There was quite a lot of Q&A in the tender process plus we went out to bidders with further information in order to receive accurate implementation plans. I have attached the Q&A and the appendix that we issued. Please could [REDACTED] and yourself ensure the specification is inclusive of all information that the Q&A may have contributed to the final spec, i.e. – please could you ensure that the final version of the specification that is being inserted into the contract accurately reflects what the bidders were bidding for, and could you send me the final version once complete?

Grateful for your assistance in this matter.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 09:52
To: [REDACTED]
Subject: wifi

[REDACTED]

Do you have any update re the Wifi award to [REDACTED] and if the legal challenge has materialised?

Regards

[REDACTED]

Chief Mechanical Engineer
Iamrod Eireann
Inchicore
Dublin

24



[REDACTED]

From: [REDACTED]
Sent: 09 January 2019 14:47
To: [REDACTED]
Subject: RE: wifi
Attachments: WIFI SPECIFICATION 17V1.10.docx

[REDACTED]

See attached Specification. I've track changes on it so you can see the changes I've made. There isn't that many really just a couple of points I've extended and reworded. I took out the 2700 section too.

I just added a note in relation to the new B cards and Hybrid fleet as variations to the speciation at a later date.

Regards

[REDACTED]

From: [REDACTED]
Sent: 09 January 2019 13:32
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

I advise when the document is ready

[REDACTED]

Chief Mechanical Engineer

Iarnrod Eireann
Inchicore
Dublin
D08 KCV9

[REDACTED]

From: [REDACTED]
Sent: 09 January 2019 13:29
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Hi [REDACTED]

No problem, it was to get a timeframe in mind so I can plan.

If tomorrow is better for example that's fine, just let me know.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 09 January 2019 13:27
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

[REDACTED]

We won't rush this – it's more important to get it right (we've been tendering this for 2 years anyway)

[REDACTED]

Send to me for review first.

[REDACTED]

Chief Mechanical Engineer
Iarnród Éireann
Inchicore
Dublin
D08 K6Y3

[REDACTED]

From: [REDACTED]
Sent: 09 January 2019 12:25
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Nearly there , should be good for early afternoon

Sent from my iPhone XS

On 9 Jan 2019, at 12:17 p.m., [REDACTED] wrote:

Hi [REDACTED]

How are you getting on with the spec? Are you still able to get this to me this afternoon please?

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 08 January 2019 16:03
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: wifi

Thanks for clarifying [REDACTED]

36
[redacted] please see attached the last word version I had before PDFing.

Thanks,

[redacted]
From [redacted]
Sent: 08 January 2019 15:27
To [redacted]
Cc [redacted]
Subject: RE: wifi

Thanks.

I think for now, and for the purposes of the contract, we should pull out the 2700 and have the fleet there as an optional requirement.

Same with the B cars, we should deal with these separately as a variation should we purchase additional cars.

[redacted]
From [redacted]
Sent: 08 January 2019 15:27
To [redacted]
Cc [redacted]
Subject: Re: wifi

[redacted]
Do you have a word version of the specification ? Ill need to make some changed in regard to the new B cars and take out the 2700 refurb as it is not going ahead.

Regards

[redacted]
Sent from my iPad

On 8 Jan 2019, at 11:49, [redacted] wrote:

Good mornin [redacted]

Happy new year to you both.

I have been instructed by [redacted] to proceed with execution of the contract.

I am currently populating the ten schedules that make up the contract, one of which is the specification.

The version of the Spec that went out with the tender pack is attached. There was quite a lot of Q&A in the tender process plus we went out to bidders with further information in order to receive accurate implementation plans. I have attached the Q&A and the appendix that we issued. Please could [redacted] and yourself ensure the specification is inclusive of all information that the Q&A may have contributed to the final spec, i.e. – please could you ensure that the final version of the specification that is being inserted into the contract accurately reflects what the bidders were bidding for, and could you send me the final version once complete?

Grateful for your assistance in this matter.

30
Thanks,

[REDACTED]
From: [REDACTED]

Sent: 08 January 2019 09:52

To: [REDACTED]

Subject: wifi
[REDACTED]

Do you have any update re the Wifi award to EVAD and if the legal challenge has materialised?

Regards

[REDACTED]
Chief Mechanical Engineer

Iarnrod Eireann

Inchicore

Dublin

D08 K6Y3
[REDACTED]

<Appendix.pdf>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<mime-attachment>

<WIFI SPECIFICATION.pdf>

37

From: [REDACTED]
Sent: 05 February 2019 09:30
To: [REDACTED]
Subject: WIFI Contract Update

Good morning,

The contract has been with [REDACTED] for execution since last week. [REDACTED] has said there has been a delay in their solicitor's end in signing this, but that this should be with us as soon as possible.

Thanks,

[REDACTED]
Procurement & Contracts Executive
Procurement Department, GIE Works Building, Dublin 8, Ireland.



Please consider the environment before printing this email

38

[REDACTED]

From:

Sent:

[REDACTED]
08 January 2019 09:52

To:

Subject:

[REDACTED]
wifi

[REDACTED]

Do you have any update re the Wifi award to [REDACTED] and if the legal challenge has materialised?

Regards

[REDACTED]
Chief Mechanical Engineer

Iarnrod Eireann

Inchicore

Dublin

D08 K6Y3

[REDACTED]

 Sent: 08/01/2019 09:52
To: [REDACTED]

[Redacted]

From: [Redacted]
Sent: 12 December 2018 09:57
To: [Redacted]
Cc: [Redacted]
Subject: FW: [Redacted]
Attachments: Provision of On-Board WIFI

Importance: High

Hi [Redacted]

I've found some communication from [Redacted] regarding [Redacted] If you scroll to the bottom of this, they issued an email. I've only just managed to find this as it was at the bottom of an email I had – my apologies.

Thanks,

[Redacted]

From: [Redacted]
Sent: 14 March 2018 12:06
To: [Redacted]
Cc: [Redacted]
Subject: [Redacted]
Importance: High

Hi [Redacted]

I trust you are well.
As per the email attached, which was sent to you by [Redacted] the 27th February 2018 at 14:42, due to the weather condition and since there was a risk that our currier misses the deadline, we have asked kindly our partner telent to deposit a copy of our submission at your office. That way, we have managed to respond in due time whatever the weather condition. Hence you have received two copies which are identical.

I hope that clarified a matter and shows our commitment.

I am looking forward to hearing from you soon.

Thank you
Regards

[Redacted]

[Redacted]

intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited.

From: [REDACTED]
Sent: Wednesday, March 14, 2018 11:33

To: [REDACTED]
Subject: [REDACTED]

Hi [REDACTED]

Thanks.

We received 2 submissions from [REDACTED] for the Round 2 of the WIFI tender. Please could you clarify why there are two and confirm whether there are any differences between the two?

Thanks,

From: [REDACTED]
Sent: 09 March 2018 09:25
To: [REDACTED]
Subject: [REDACTED]

Hi [REDACTED]

I trust you are well.

Please find in the link below an information about [REDACTED]

This will have no impact on our commitment to deliver our solutions to Irish Rail and our commitment to our partners including telent Ireland who have been amazing supporting us.

We will start the merger with [REDACTED] from April and I have the duty to keep you updated on the process. We see this acquisition as a key investment to our development and subsequently continuing and improving our market offer which will benefit current and future customers.

Enjoy the rest of your day.

Thank you
Regards

26

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the system manager. This message contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited.

Iarnrod Éireann Irish Rail, cuideachta ghníomhaíochta ainmnithe, faoi theorainn scalreanna, clraithe in Éirinn ag Stáisiún Uí Chonghaile, Baile Átha Cliath 1, Úr. 119571 Úr. CBL: IE 4812851 O
Iarnrod Éireann Irish Rail, a designated activity company, limited by shares, registered in Ireland at Connolly Station, Dublin 1, No. 119571 VAT No. IE 4812851 O



[REDACTED]

From: [REDACTED]
Sent: 11 December 2018 20:24
To: [REDACTED]
Cc: [REDACTED]
Subject: Fw: 6560 - Provision of Passenger WiFi [REDACTED] v2
Attachments: 6560_Nomad_11_12_2018_v2.pdf

FYI

From: [REDACTED]
Sent: Tuesday 11 December 2018 13:40:51
To: [REDACTED]
Cc: [REDACTED]
Subject: 6560 - Provision of Passenger WiFi [REDACTED] v2

[REDACTED]

Procurement Manager
Iarnród Éireann - Irish Rail (Railway Undertaking)
Inchicore Railway Works
Inchicore
Dublin 8

[REDACTED]



From: [REDACTED]
Sent: 17 January 2019 12:38
To: [REDACTED]
Subject: FW: NOM1/1 [BPS-ACTIVE.NOM1.1.FID866060]
Attachments: 2019.01.17 Ltr to Córas Iompair Éireann.pdf

Further to the email below and attached letter, can you furnish to myself [REDACTED] the email issued and attachment containing the revised standstill letter and read receipt of same.

Thanks,
[REDACTED]

From: [REDACTED]
Sent: 17 January 2019 12:33
To: [REDACTED]
Cc: [REDACTED]
Subject: FW: NOM1/1 [BPS-ACTIVE.NOM1.1.FID866060]

Please see attached. [REDACTED] had understood that a revised standstill letter was sent but he has not seen a copy of it as issued. Please send same to [REDACTED] with a copy to myself and [REDACTED]

Regards & thanks,

From: [REDACTED]
Sent: 17 January 2019 11:40
To: [REDACTED]
Cc: [REDACTED]
Subject: FW: NOM1/1 [BPS-ACTIVE.NOM1.1.FID866060]

From: [REDACTED]
Sent: 17 January 2019 11:37
To: [REDACTED]
Cc: [REDACTED]
Subject: NOM1/1 [BPS-ACTIVE.NOM1.1.FID866060]

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

Sent on behalf of [REDACTED]

Dear Sirs

Please see attached letter.

Kind regards



Legal Secretary



Law Firm of the Year - Irish Law Awards 2018

Leading Law Firm - Chambers & Partners 2018

Leading Law Firm - Legal 500 2018

Please consider the environment before printing this e-mail.

This correspondence and any attachments are confidential and may be privileged. They are intended only for the addressee above. Any unauthorised dissemination, use, disclosure, publication or copying is strictly prohibited. If you receive this correspondence in error, please notify us by telephone at +353-(0)1-4180600 or email securemail@beauchamps.ie and delete the correspondence from your system. It is the addressee's responsibility to ensure this email and any attachments are virus free.

This email has been scanned for email related threats and delivered safely by Mimecast.
For more information please visit <http://www.mimecast.com>

62

[REDACTED]

From: [REDACTED]
Sent: 25 January 2019 15:13
To: [REDACTED]
Subject: FW: [REDACTED] and Iarnrod Eireann/Irish Rail : Tender for the provision of On-Board Wi-Fi
Attachments: image2019-01-25-104149.pdf

[REDACTED]
FYI
[REDACTED]

From: [REDACTED]
Sent: 25 January 2019 12:56
To: [REDACTED]
Cc: [REDACTED]
Subject: [REDACTED] and Iarnrod Eireann/Irish Rail : Tender for the provision of On-Board Wi-Fi

[REDACTED]

Please see attached draft letter for approval that Colm proposes furnishing to Beauchamps Solicitors.

Kind regards,

[REDACTED]

[REDACTED]
Secretary to [REDACTED]
CIE Solicitor's Department
Bridgewater House
Islandbridge
Dublin 8

[REDACTED]
Phone: 01-702 4546
[REDACTED]

43

[REDACTED]

From: [REDACTED]
Sent: 24 January 2019 17:05
To: [REDACTED]
Subject: FW: WIFI

[REDACTED]

Current personal data is apparently email addresses, but [REDACTED] has said this could in the future expand to names, home addresses, dates of birth and socio-economic profiling data. [REDACTED] has said the standard for security and disposal processes needs to be set fairly high. Security against data protection is not something that was evaluated, which is concerning me given this new information and is making me consider we should proceed.

What are your thoughts?

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 24 January 2019 17:00
To: [REDACTED]
Subject: Re: WIFI

Hi [REDACTED]

It could expand to Name, Home Address, Date of Birth and Socio Economic Profiling Data. The GDPR aspects apply the standard to Personal Data so once we are capturing an email address the vendor has to set the standard for security and disposal processes fairly high.

Regards

[REDACTED]

From: [REDACTED]
Sent: Thursday 24 January 2019 16:51:57
To: [REDACTED]
Subject: RE: WIFI

Thanks [REDACTED]

We will need to know what data is being stored and handled. I understand that at the moment this is just email addresses but do you anticipate what other personal information will be included going forward?

Thanks

Beth

[REDACTED]

From: [REDACTED]
Sent: 24 January 2019 16:49
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: WIFI

Hi [REDACTED]

While at the moment we only collect email addresses I would suggest we say that we will be collecting personal information from our customers that may change over the life of the contract and that the vendor has the responsibility for storing the data securely and deleting it at the agreed intervals.

Regards

Paul

From: [REDACTED]
Sent: Thursday 24 January 2019 13:13:29
To: [REDACTED]
Cc: [REDACTED]
Subject: FW: WIFI

[REDACTED]

See below from [REDACTED] can you provide her with the details please

Thanks

[REDACTED]

From: [REDACTED]
Sent: 24 January 2019 12:50
To: [REDACTED]
Subject: WIFI

Hi [REDACTED]

GDPR is now playing a big part in contract. We therefore need to insert a schedule confirming what data will be harvested in relation to the WIFI contract.

Please could you confirm. I suspect it's email addresses and telephone numbers and names?

I'd be grateful for your swift response on this.

Thanks,

[REDACTED]

[REDACTED]

Procurement & Contracts Executive
Procurement Department, CIE Works Inchicore, Dublin 8, Ireland.



Please consider the environment before printing this email

44

[Redacted]

From: [Redacted]
Sent: 02 May 2019 10:56
To: [Redacted]
Cc: [Redacted]
Subject: Fwd: X6 / X4 Boxes

[Redacted]

This is the email I sent to you on the 10th April.

Regards

[Redacted]

Sent from my iPhone XSii

Begin forwarded message:

From: [Redacted]
Date: 10 April 2019 at 7:47:09 p.m. IST
To: [Redacted]
Subject: X6 / X4 Boxes

[Redacted]

I Hope you are keeping well. We will be starting to change out the new WIFI kit very shortly and will be taking out the [Redacted] X6/X4 boxes. Would you be interested in purchasing these back from us? We will be getting in touch with procurement to set up a tender for them and I just wanted to know if you were interested in them before we give anyone else an option on them. Let me know if you have an interest or not as we will be offering them to other suppliers if you haven't.

Regards

[Redacted]

45

[REDACTED]

From: [REDACTED]
Sent: 28 November 2018 19:49
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: [NOM1.1]

[REDACTED]

Interesting letter. What was apparently wrong with the Standstill letter in that it can be suggested it wasn't in compliance with the requirements of the Utilities directive?

I assume we would not release the full [REDACTED] tender under FOI as its commercially confidential. Should be sent to our data officer also.

I won't have time to get to this in detail this week but Anthony and I will start on your request. I suggest a holding response if possible into next week.

Regards

[REDACTED]

Sent from my iPad

On 28 Nov 2018, at 18:23, [REDACTED] > wrote:

[REDACTED]

A request for further information from [REDACTED] solicitors.

Unlikely that we will have a full response to them by Friday but we will need to respond next week in full.

Can we take a look at the scoring for the reporting capabilities again and list out the relative advantages of the [REDACTED] submission over the [REDACTED] submission?

Thanks,

[REDACTED]

From: [REDACTED]
Sent: Wednesday 28 November 2018 17:28:10
To: [REDACTED]
Subject: [NOM1.1]

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

For and on behalf [REDACTED]

[REDACTED]

Please see attached.

Kind regards

[REDACTED]

Legal Secretary

[REDACTED]

Law Firm of the Year - Irish Law Awards 2018

Leading Law Firm - Chambers & Partners 2018

Leading Law Firm - Legal 500 2018

Please consider the environment before printing this e-mail.

This correspondence and any attachments are confidential and may be privileged. They are intended only for the addressee above. Any unauthorised dissemination, use, disclosure, publication or copying is strictly prohibited. If you receive this correspondence in error, please notify us by telephone at +353-(0)1-4180600 or email securemail@beauchamps.ie and delete the correspondence from your system. It is the addressee's responsibility to ensure this email and any attachments are virus free.

This email has been scanned for email related threats and delivered safely by Mimecast.
For more information please visit <http://www.mimecast.com>

<mime-attachment>

<2018.11.28 Letter to Rish Rai [REDACTED].pdf>



[REDACTED]

From: [REDACTED]
Sent: 04 December 2018 10:13
To: [REDACTED]
Subject: RE: [NOM1.1]

Hi [REDACTED]

I'm not sure what you mean by the clarification of the scoring. I sent [REDACTED] a revised comments previously. All my comments are on the scoring sheets and tender evaluation documents.

Regards
[REDACTED]

From: [REDACTED]
Sent: 04 December 2018 09:58
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: [NOM1.1]

Hi,
No, just any communication that would be considered outside of your day to day engagements with [REDACTED] or [REDACTED]

Also, in relation to the clarification of the scoring, would you be able to have a draft to us by Thursday?
We would like to respond to Nomad by the end of the week.
Thanks,
Gary.

From: [REDACTED]
Sent: 04 December 2018 09:48
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: [NOM1.1]

[REDACTED]

I would have regular email and phone communications with the [REDACTED] as part of the current services they are providing for Irish Rail. I assume you don't want these as there are thousands of them. I will check and see if I have anything outside of these, but I think anything I did was with [REDACTED] directly.

Regards
[REDACTED]

From: [REDACTED]
Sent: 29 November 2018 15:54
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: [NOM1.1]

Wo

Thank [REDACTED]

We are working through the letter with the involvement of BWH.

Just in relation to their specific request for all/any correspondence that we may have had with any of the bidders between February and November (i.e. the closing date for Round 2 submissions and the issuing of standstill letters), would it be possible to take a look and see if there are any your side so that we can provide BWH with a rounded picture (we have passed all of our information over)?

There is presumably none but there might be no harm double checking for completeness.

Thanks,
[REDACTED]

From: [REDACTED]

Sent: 28 November 2018 19:49

To: [REDACTED]

Cc: [REDACTED]

Subject: Re: [NOM1.1]

[REDACTED]

Interesting letter. What was apparently wrong with the Standstill letter in that it can be suggested it wasn't in compliance with the requirements of the Utilities directive?

I assume we would not release the full [REDACTED] tender under FOI as its commercially confidential. Should be sent to our data officer also.

I won't have time to get to this in detail this week but [REDACTED] and I will start on your request. I suggest a holding response if possible into next week.

Regards

[REDACTED]

Sent from my iPad

On 28 Nov 2018, at 18:23, Mander Gary <Gary.Mander@irishrail.ie> wrote:

[REDACTED]

A request for further information from [REDACTED] Digital's solicitors.

Unlikely that we will have a full response to them by Friday but we will need to respond next week in full.

Can we take a look at the scoring for the reporting capabilities again and list out the relative advantages of [REDACTED] submission over the [REDACTED] submission?

Thanks,
[REDACTED]

From: [REDACTED]

Sent: Wednesday 28 November 2018 17:28:10

To: [REDACTED]

Subject: [NOM1.1]

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

[REDACTED]

Dear [REDACTED]

Wb
Please see attached.

Kind regards

[REDACTED]
Legal Secretary

[REDACTED]
Law Firm of the Year - Irish Law Awards 2018

Leading Law Firm - Chambers & Partners 2018

Leading Law Firm - Legal 500 2018

Please consider the environment before printing this e-mail.

This correspondence and any attachments are confidential and may be privileged. They are intended only for the addressee above. Any unauthorised dissemination, use, disclosure, publication or copying is strictly prohibited. If you receive this correspondence in error, please notify us by telephone at +353-(0)1-4180600 or email [REDACTED] and delete the correspondence from your system. It is the addressee's responsibility to ensure this email and any attachments are virus free.

This email has been scanned for email related threats and delivered safely by Mimecast.
For more information please visit <http://www.mimecast.com>

<mime-attachment>

<2018.11.28 Letter to [REDACTED].pdf>

67

From: [REDACTED]
Sent: 12 December 2018 08:07
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: 6560 - Provision of Passenger WiFi [REDACTED] - v2

Tracking:	Recipient	Delivery	Read
	[REDACTED]	Delivered: 12/12/2018 08:07	
		Delivered: 12/12/2018 08:07	Read: 12/12/2018 08:11

Hi,
Under EU procurement law we are prohibited from engaging with any preferred bidder until the standstill period has elapsed (which is now January 1st 2019).
To do so could jeopardise the whole process so I would strongly recommend that we do not engage with [REDACTED] until contracts are signed.

Thanks,
[REDACTED]

From: [REDACTED]
Sent: 12 December 2018 07:59
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: 6560 - Provision of Passenger WiFi [REDACTED] - v2

Hi [REDACTED]

Thanks for the update. I was to meet with [REDACTED] this week at Connolly to go through an ICR for the POC. Are we still ok to do this [REDACTED] got the letter from yourself and are still ok with the site visit, i just want to make sure its ok from our side.

Regards
[REDACTED]

On 11 Dec 2018, at 20:24, [REDACTED] wrote:

FYI

Sent: Tuesday 11 December 2018 13:40:51
To: [REDACTED]
Cc: [REDACTED]
Subject: 6560 - Provision of Passenger WiFi [REDACTED] - v2

[REDACTED]
Procurement Manager
Iarnród Éireann - Irish Rail (Railway Undertaking)

Inchicore Railway Works
Inchicore
Dublin 8

<image001.png>

<6560 [REDACTED] 1_12_2018_v2.pdf>

46

[REDACTED]

From: [REDACTED]
Sent: 12 December 2018 07:59
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: 6560 - Provision of Passenger WiFi [REDACTED] - v2

Hi [REDACTED]

Thanks for the update. I was to meet with Evad this week at Connolly to go through an ICR for the POC. Are we still ok to do this? Evad got the letter from yourself and are still ok with the site visit, i just want to make sure its ok from our side.

Regards
[REDACTED]

On 11 Dec 2018, at 20:24, Mander Gary <Gary.Mander@irishrail.ie> wrote:

FYI

From: [REDACTED]
Sent: Tuesday 11 December 2018 13:40:51
To: [REDACTED]
Cc: [REDACTED]
Subject: 6560 - Provision of Passenger WiFi [Nomad Digital] - v2

[REDACTED]
Procurement Manager
Iarnród Éireann - Irish Rail (Railway Undertaking)
Inchicore Railway Works
Inchicore
Dublin 8

[REDACTED]
<image001.png>

<6560_Nomad_11_12_2018_v2.pdf>

44

[Redacted]

From: [Redacted]
Sent: 25 March 2019 09:01
To: [Redacted]
Cc: [Redacted]
Subject: RE: Discovery of additional points for Evad proposal

Tracking:	Recipient	Delivery	Read
	[Redacted]	Delivered: 25/03/2019 09:02	Read: 25/03/2019 11:51
	[Redacted]	Delivered: 25/03/2019 09:02	Read: 25/03/2019 09:25

Thanks again [Redacted]

I reviewed all of the correspondence over the past couple of days and I am satisfied that any of the listed proposals from [Redacted] will be procurement compliant.

The only matter as I see it is determining which of the available options presents the best technical solution (i.e. performance, reliability and technical support) to the CME department.

From our discussions, it appears that the [Redacted] proposal mirrors the original tender proposal insofar as it offers a combined router and access point in each vehicle.

Also from our discussions, it appears that the alternative proposal of the [Redacted] router and [Redacted] Access Point in each vehicle will also result in a technically acceptable solution for you.

The question remains, of the 2 options, which is the best.

In essence I can't answer that one, only [Redacted] can and on that basis I propose to write to [Redacted] advising them that in principle, we have no objections to either proposal however it will be up to [Redacted] to demonstrate to the CME team which option offers the best technical solution (i.e. performance, reliability and technical support) which will need to be demonstrated by way of referencing checking the proposed hardware from existing customers.

Before I issue the formal correspondence, can you clarify if my understanding above is correct and that you don't necessarily have a preference between the 2 options?

Thanks.

[Redacted]

From: [Redacted]
Sent: 22 March 2019 11:20
To: [Redacted]
Cc: [Redacted]
Subject: Discovery of additional points for Evad proposal

Hi [Redacted]

I've gone through a good bit of stuff on all of the options they proposed and have the following comments on each. These are based on what I can find from the web searches on each of the proposals.

[Redacted]

On the website there are updates for this equipment from 9th March which shows it is still actively being maintained for now. I did some further checking and it looks like [Redacted] are retiring all the AR routers. See table and attached Data sheets for the 3 options.

49

[REDACTED]

I checked if they are offering an alternative and it doesn't seem like they are for any of the AR models. See chart for replacement offering showing N/A so it seems that Evad are not being unreasonable on this model, and by offering the other [REDACTED] was probably a good alternative in their eyes.

[REDACTED]

This router combined AP has all the required certification we asked for and is being used on Austrian Rail. It has capacity for the Nexala system and the reviews seems to be good for it. The support is good and all firmware and downloads are readily available on the site and they have a very good Wiki knowledge page for all the manuals and documentation. Although we wouldn't be using these with a support contract they are a good resource to have available. This would be more than capable of providing the data for the WIFI and supporting the network requirements we asked for.

On the Plus side, it gets a good review on the web, its being used on the railways in Austria and for Passenger counting, it's a combined unit so it will have a single supply and wiring.

On the Down side. Company is 20 years established but only 10 years in Rail industry. The Model proposed is only 2 years in production so relatively new to the market, as a single unit if anything fails it will have to be replaced as a single unit even if WIFI is not affected (GPS failure or AP)

[REDACTED]

Both of these units meet the requirements we asked for in the tender and have all the certification for Rail operations. The AP has the capability to operate as an Access point in the coach for passengers and as a bridge to the external AP for lie side WIFI if we ever wanted to utilise the line side fibre track side. The router had a good review on the web searches and is being used in Rail and marine services in the US. The company was established in 2006 and introduced the Max router in 2008.

On the upside. The company has good reviews on the web and was list in the Gartner top 20 report for WIFI. The router has all the certification we asked for and the support site has a good user forum, all available updates for software and firmware. It also lists Huawei compatibility with it products. Having the router and the AP separate has advantages if anything fails they can be replaced separately. They also have their own stress test and reliability centre which is a good advantage

cm

On the downside. The company has limited rail experience that I can find. Lots of buses and boats, and only Union Pacific and rail Europe. Having separate AP and router may need separate wiring and additional space. I haven't seen any Hard drive size listed so concern over Nexala running on this (have send a query to them on this)

Overall all 3 solutions can provide the same result. The first solution will be end of life so probably not worth considering they will expire before the contract completes and my not be available for the B car upgrades and New Hybrid fleet.

Technically both solutions will work so it's a question of which solution passes the procurement process and doesn't leave us exposed for a challenge. The other 2 options are both capable of providing the service so it's just a case deciding which is the better of the 2 solutions. Do we want a single box solution with Huawei Compatibility or the 2 box option with [REDACTED] hardware.

The uncertainty in the offerings hasn't given a good impression of Evad as a company to deal with, and it is not a good way to start with Irish Rail. It would have been better for them to be honest from the start and tell us the real reasons why they have opted for either solution be it a cost factor or supply issue.

Regards,

[REDACTED]
CME IT Manager
*CME Business Systems Department,
Heuston Station, Dublin 8.*



50

[REDACTED]

From: [REDACTED]
Sent: 31 January 2019 11:40
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: 170188 - Passenger WiFi Maintenance - LSO 2
Attachments: Contract Award Recommendation Wi - FI ref 6560.pdf

Hi [REDACTED]

A gentle reminder that the tender validity period for this tender expires today, so we'd really like to execute today. I'd be very grateful if you could sign Section 6 of the CAR at your earliest convenience.

Many thanks,

[REDACTED]

From: [REDACTED]
Sent: 30 January 2019 09:36
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: 170188 - Passenger WiFi Maintenance - LSO 2

Hi [REDACTED]

Rather than me drop the hard copy with all the wet signatures down to Connolly, [REDACTED] has said he is happy for a scanned copy to be printed and signed by yourself if this is ok. A copy of the board paper stating approval is attached at the end of the CAR in the attached.

I would be grateful if you could review and sign and return at your earliest convenience.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 30 January 2019 08:54
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: 170188 - Passenger WiFi Maintenance - LSO 2

Thank you [REDACTED]

Heidi, the Contract Award Recommendation is in Bridgewater House for Siobhan's signature. I'll collect and bring to Connolly later today for Jim's signature if this suits? We'd like to get fully signed off today if possible.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 30 January 2019 07:48



To [REDACTED]
Cc [REDACTED]

Subject: Re: 170188 - Passenger WiFi Maintenance - LSO 2

[REDACTED]

I confirm I am in agreement to proceed as you outline. Electronic copy is fine for my files

[REDACTED]

Sent from my iPad

On 29 Jan 2019, at 18:13, [REDACTED] wrote:

[REDACTED]

I attach a scanned copy of LSO 2 for this project. Please let me know if you would like the original for your file.

Please contact me if you wish to discuss any legal concerns you may have in relation to the Project. Otherwise, if you confirm to me by email that you are satisfied to proceed on the basis that the matters referred to in LSO 2 fall within the scope of your management remit, I can sign the Contract Award Recommendation, when required.

Regards,

[REDACTED]

[REDACTED]

Solicitor | CIE Solicitor's Office
Commercial and Regulatory Department
Bridgewater House | Islandbridge | Dublin 8

[REDACTED]

<LSO 22019-01-29-160010.pdf>

50

Memo Meamram

From Ó [REDACTED] Procurement Manager, Inchicore

To Go [REDACTED] Group Solicitors office

CC

Date Dáta 29th January 2019

Re Maidir le **Contract Award Recommendation Wi -FI ref 6560**

Dear [REDACTED]

I attach a Contract Award Recommendation in respect of Wi-FI.

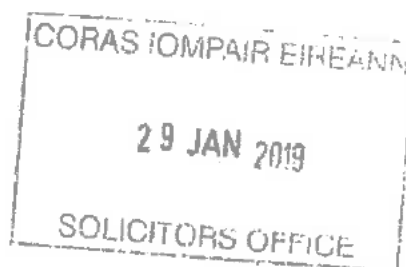
The award of this contract is to [REDACTED] Solutions and was approved by the IE Board on the 30th October 2018.

I would be grateful if you could sign the legal endorsement in section 6 once the LSO 02 has been issued and accepted.

Under the Group Procurement Policies & Procedures, contracts with a value of over €2m must be approved by the Chief Executive. Therefore can I ask that you contact me and I will arrange collection of the signed CAR and have it sent on to CEO by hand for his signature?



Procurement Manager



Contract Title: Provision & Support of On-Board WiFi

Contract Ref: 6560

CONTRACT AWARD RECOMMENDATION

This form must be completed in respect of all contracts with an estimated value of €50,000 or more. Where Board approval of contract award recommendation is required, Sections 1 - 3 must be completed in full prior to submission of a contract award recommendation to Board.

(1) CONTRACT DETAILS

Contract Description	Provision & Support of On-Board WiFi		
Advertisement details / reference	OJ/S S21 31/01/2017 35908- 2017-EN		
Department:	Railway Undertaking	Cost Code nr.	
Tender Tracking No	6560	Nr. of respondents	18
Nr. of tender enquiries issued;	109	Nr. of tenders received:	4
Recommended Supplier		Contract Value (excluding VAT)	
Financial Report available (DB/m-house)	Yes	Budget Approved by Board	N/A

**Background and details
of Contract**

Iamróid Éireann (IE) has a requirement for the design, supply, installation and maintenance of a replacement Wi-Fi system to be fitted to all rolling stock fleets.

The duration of the contract is 5 with the option to extend for a further 24 months.

The requirement was advertised in the Official Journal of the European Union (OJEU) under the contract reference number 2017/S 021-035908 dated 28th January 2017. Eighteen (18) expressions of interest with completed pre-qualification questionnaires were received by the closing date of 03rd March 2017.

Following evaluation of the Pre-Qualification Questionnaire's, ten (10) companies were invited to tender.

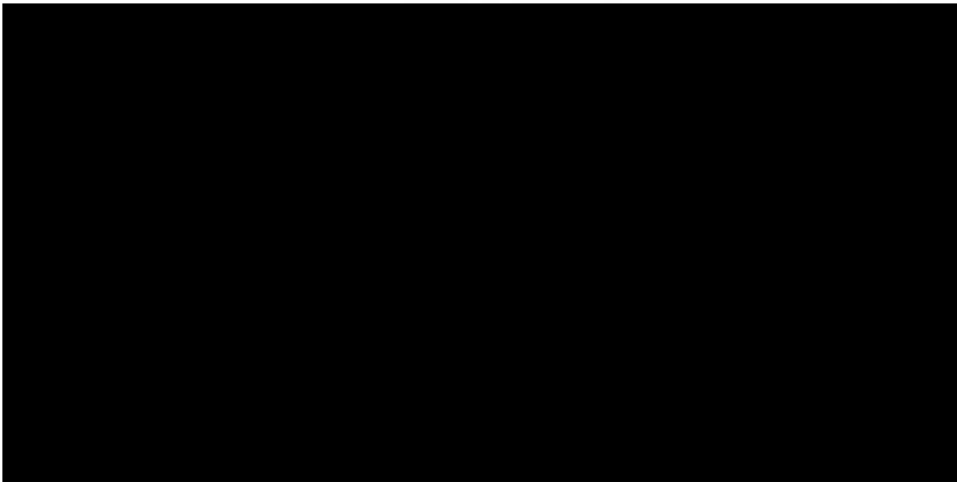
The invitation to tender documentation was issued to the 10 pre-qualified candidates on the 17th May 2017. Five (5) tenders were received by the closing date of 21st July 2017.

A subsequent Round 2 invitation to tender was issued to the 10 pre-qualified candidates on the 02nd February 2018 and included a revised production planning matrix to allow all tenderers confirm that their commercial offers were aligned with the fleet availability for modification.. Four (4) tenders were received by the closing date of 23rd February 2018.

Prepared By**Beth Reid****Date: October 2018**

(2) **TENDERS RECEIVED**

The following table sets out the tender cost submissions from both the initial Round 1 ITT

(3) **RECOMMENDATION**

Function	Statement	Signature	Date
Technical / Project / Function Manager	Recommended tender complies with the specification/performance and safety requirements. Recommended contractor has the experience, expertise and technical resources to fulfil the contract.		6/11/18
Finance	Contract can be accommodated within approved budget for this Contract.		7/11/18
Contractor Financial	The recommended contractor has the necessary financial resources to fulfil the contract. <u>PETER SMYTH</u>		6/11/18
Legal	Verifying that <u>P</u> has accepted the legal risks outlined to him in the legal sign off no. 1 letter issued by the Group Solicitor and further to this acceptance the contract documentation is appropriate for the project*		30/1/19
Procurement Beth Reid Procurement Executive	Confirming that standard contract documents have been used for this contract**		6/11/18
Procurement Beth Reid Procurement Executive	The Procurement Policies and Procedures have been complied with.		6/11/18

* No signature required where standard contract documents, without amendment, have been used

**Signature required only where standard contract documents, without amendment, have been used

(4) EXECUTING OFFICER'S STATEMENT (Capital Projects only)

- Recommendation is acceptable and the recommended contract meets the overall goals of the project.

I approve this submission and recommend the Award of Contract.

Name	Signature	DATE

(5) APPROVAL – where Board approval is not required, complete section 5, where Board approval is required complete section 6.

(Note: Blank out the signature boxes that are not required before printing or manually delete. Please refer to section 4.5 of the CIE Group Policies and Procedures).

Function	Statement	Signature	Date
Legal	Verifying that [] has accepted the legal risks outlined to him in the legal sign off no. 2 letter issued by the Group Solicitor and further to this acceptance the contract documentation is appropriate for the project.		

	Name	Signature	Date
Approved Procurement Manager (€0 - €2M)			29/01/19
Approval /Endorsement (1) (for contracts with an estimated value of between (€0.5M to €2M)			
Approval / Endorsement (2) (for contracts with an estimated value of between (€1M to €2M)			

Notes

- Approval Endorsement 1 must be signed off for contracts with values between €0.5 and €1m
- Approval Endorsement 2 must be signed off for contracts with values between €1m and €2m

(6) APPROVAL –where Board approval is required

Board Minute Reference	Board Approval date
	OCT 2018

Function [Job title]	Statement	Signature	Date
Legal	Verifying that Chief Executive Officer has accepted the legal risks outlined to him in the legal sign off no. 2 letter issued by the Group Solicitor and further to this acceptance the contract documentation is appropriate for the project*		30/11/19

	Name	Signature	Date
Board Approval (for contracts with an estimated value of over €2m)/ recommended by Procurement Manager			

Notes

- For recommendations requiring Board approval (i.e. over €2m), the Approval / Endorsement 2 in Section 6 must be signed by the Subsidiary Chief Executive / Managing Director. This function may not be delegated without the prior approval of the Board.
- The contract award sign-off requirements are as prescribed by the Group Procurement Policies and Procedures. Business units may implement additional sign-off requirements in Section 3 above to suit their organisational structure with the advance written approval of the Group Chief Financial Officer. The wording of the legal sign off section may only be amended with the written approval of the Group Solicitor and the Group Chief Financial Officer.
- It should be noted that the legal sign off procedures specified by the Group Solicitor must be adhered to, in addition to the requirements in the CAR form.



Iarnród Éireann board - Decisions made

at the 328th meeting of the board held on
Tuesday 30th October 2018

Item		Status
1. Capital Expenditure	€m	
2. Procurement		
(a) Operation & Maintenance of On Track Machines		
(b) Building & Facilities Maintenance Services Framework		
(c) TPS Project Management Support Services		
(d) Supply & Delivery of Points & Crossings (without call for competition)	Contract Award	
(e) Provision & Maintenance of Wifi Equipment		
(f) Signalling Equipment Parts Supply (without call for competition)		Approved
(g) Roofing Renewals Framework Agreement		
(h) Bridge Painting Framework Agreement	Selection & Award Criteria	
(i) NTCC Project Management Support Services		
(j) NTCC Construction Contract		
(k) Maynooth Line Consultancy Service	Selection Criteria	
(l) Limerick Junction Down Platform & Footbridge award	Advisory	Noted
(m) Procurement timetable		Noted

Author: Procurement Manager – Railway Undertaking	Provision and Maintenance of Rolling Stock Wi-Fi Equipment Contract Award	Reviewed by: Chief Mechanical Engineer
Submitted by: Chief Procurement Officer		Approved by: Exec Group

1. DECISION SOUGHT

The approval of the Board of Iarnród Éireann is sought to award a contract to Tenderer A for the provision and maintenance of Wi-Fi equipment to the IE fleet at cost over the full contract 7 year term [REDACTED] inclusive of VAT.

The non-recoverable VAT arising is estimated at [REDACTED] giving a total contract award figure of [REDACTED] over the 7 year agreement.

The capital element of this contract, c.50%, will be funded by the NTA with the maintenance costs balance being funded from the operational budget.

2. BACKGROUND

In 2011, following a competitive tender process, Iarnród Éireann entered into a single party framework agreement with Fleet Connect Ltd for the installation of a passenger accessible Wi-Fi system across both Commuter and Intercity Fleets. This system remains on the fleet under a maintenance support agreement with Fleet Connect.

Given the condition of the current system it was decided to procure new wifi equipment to support the on-going provision of wifi on the full fleet.

3. PROCUREMENT PROCESS

3.1 Selection Criteria

Selection criteria was approved by the IE Board in November 2016. Details of the selection criteria are included at Appendix 1.

3.2 Award Criteria

Award criteria were approved by the IE Board in March 2017. Details of the award criteria are included at Appendix 2.

3.3 Procurement Evaluation Panel

The tender evaluation panel comprised of the Chief Mechanical Engineer, CME Business Systems Manager and a Procurement Executive (non-scoring) from the Procurement Department.

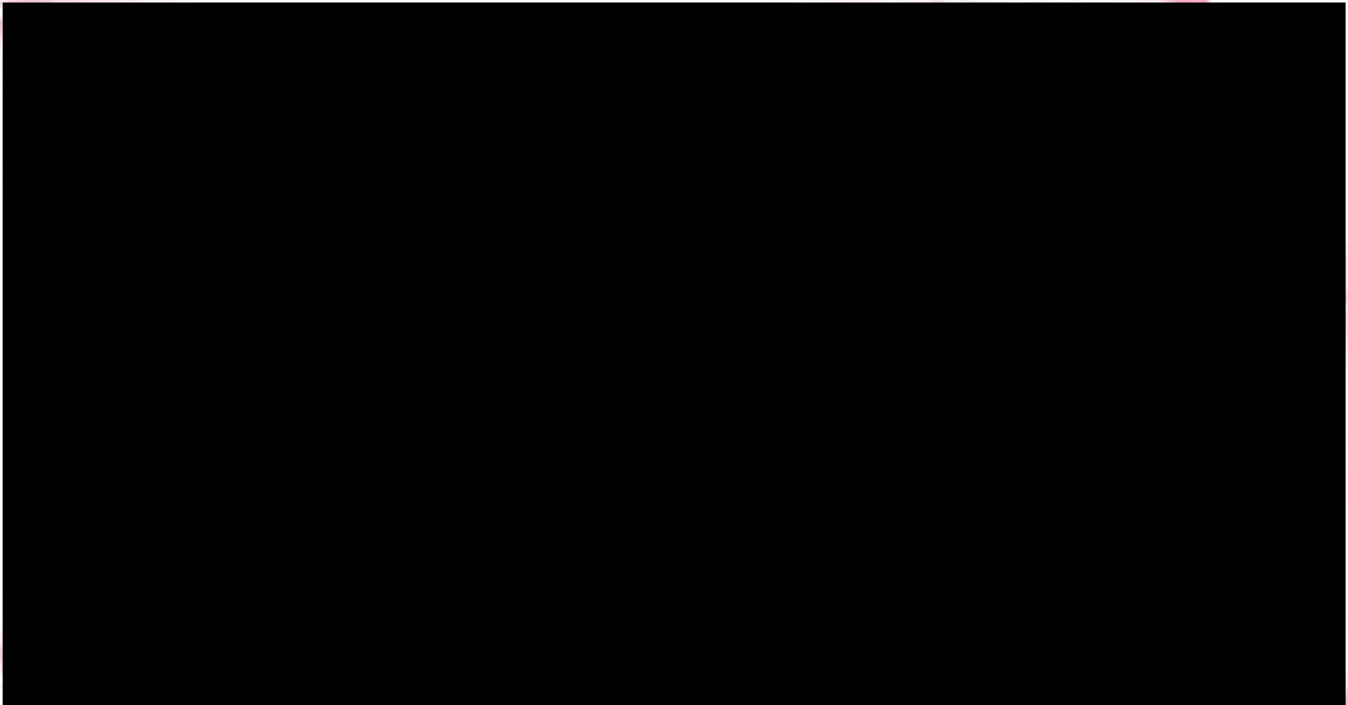

4. TENDER PROCESS

The requirement was advertised in the Official Journal of the European Union (OJEU) in January 2017. Eighteen expressions of interest with completed pre-qualification questionnaires were received by the closing date in March 2017.

69

Following evaluation of the Pre-Qualification Questionnaire's, ten companies were invited to tender. The invitation to tender documentation was issued in May 2017. Five tenders were received by the closing date in July 2017.

A Best & Final Offer invitation was issued in February 2018 and included a revised production planning matrix to allow all tenderers confirm that their commercial offers were aligned with the fleet availability for modification. Four tenders were received by the closing date of in February 2018.



7. PRINCIPAL TERMS

Company A raised no concerns with the terms and conditions provided in the contract and advised that this is agreeable.

59

8. BUDGET IMPACT

The estimated cost for this tender process at commencement stage was [REDACTED] with the preferred bidder submitting a tender price [REDACTED]

9. SIGNIFICANT RISKS

Technical, financial, procurement and legal risks arising in the process to date have been considered and are being managed. A Dun and Bradstreet Company Report was run and no risks were identified with the company.

10. CONTRACT MANAGEMENT

This contract will be managed by the CME Department.

11. TERMINATION PROVISIONS

The Contract contains provisions for termination in the event that the contractor fails to deliver the goods in accordance with the specification, sub contracts without permission, abandons, commits a material breach of the contract, is bankrupt or undergoes a change of control without notifying Iarnród Éireann. The Contract also permits termination for convenience provided Iarnród Éireann gives 30 calendar days' notice.

12. NEXT STEPS

Subject to approval, contract negotiations will be concluded and a contract signed with Company A. A managed SAP agreement will be also be put in place to monitor and manage the expenditure to ensure that the approved contract value is not exceeded.

13. CONTRACT DOCUMENTATION

The documentation for this contract has been prepared by CIÉ Group Solicitors reflecting the instructions of the project team.

**Chief Procurement Officer
Inchicore**



APPENDIX 1 – Selection Criteria

Minimum Qualification Criteria	
Criterion	Minimum Rule
Turnover	Applicants will be required to demonstrate that they have had a turnover in excess of €3M in each of the previous 3 years trading.
Accounts	Applicants must provide acceptable unqualified Audit opinions for the Financial Statements of each of the last three years.

Further Shortlisting Criteria	
A minimum score of 40% of the points available must be achieved in respect of each criterion	
Criterion	Weighting
Relevant Experience Applicants are required to provide a minimum of 3 and a maximum of 5 case studies for recent contracts undertaken over the previous 5 years directly relating to the design, supply, installation and maintenance of bespoke Wi-Fi systems in a rolling stock or alternative passenger transport application.	50%
Capacity and Resources Applicants are required to demonstrate that they have the capacity to deliver the requirement.	20%
Quality Management Systems Applicants are required to demonstrate that their internal QMS processes and systems.	15%
Health and Safety Applicants are required to demonstrate their approach to managing the health and safety of their workforce and demonstrate that they have robust health and safety processes and procedures in place.	10%
Environmental Policy Applicants are required to provide details of their externally audited environmental policy.	5%
Total	100%

APPENDIX 2 – Award Criteria

Criterion	Weighting %
Total Cost (Capital & Maintenance) The maximum number of points available for Total Cost is 5,000. The Total Cost is the Total Cost as specified by the tenderer in the Pricing Schedule.	50%
Solution Delivery	35%
Solution Specification & Implementation Plan A descriptive specification provided of how the IÉ requirements will be met together with a methodology for solution implementation, including lead time and project planning to ensure timely and secure delivery of the replacement.	20%
System Reliability & Maintainability A detailed methodology will be required which outlines in detail the following: a. Reliability - data for each item of equipment to be supplied as part of the proposal. b. Maintainability - data to be provided which demonstrates that the proposed installation can be maintained easily without any prolonged down-time due to equipment availability of access to line unit replacements; c. Access to experienced engineers and the quick deployment of resources to remedy any in-service failures; d. Process for any continuous improvement initiatives to improve the overall system reliability; and e. Ability to maintain full service availability	10%
Data Optimisation Solution description to be provided which demonstrates the ability of the proposed system and system supplier to manage data utilisation on behalf of IÉ. Data optimisation refers to the ability to channel and filter as much data through the selected 'Priority 1' partner and also the ability to be able to provide meaningful data reporting to support the management of data on a monthly basis. It is envisaged that submissions made against this criterion will form part of the final Service Level Agreement.	5%
Contract Management & Reporting	15%
A detailed methodology will be required to be submitted which explains your intended approach to managing the contract, including the following: a. Key personnel who will be directly involved in the day to day account management; b. Ability to comply with the requirements of the respective Service Level Agreement; c. Back office support services (accounts payable, invoicing etc.); d. Inventory management; e. Management of call centre activity; f. Logging of fault/failure data, analysis and interpretation; g. Document control and document management; and h. Mobile data management.	8%
Reporting Capabilities A descriptive methodology which including sample reports from existing contracts, to be provided which demonstrate your proposed reporting solution.	7%
Total	100%

[REDACTED]

From: [REDACTED]
Sent: 30 January 2019 09:36
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: 170188 - Passenger WiFi Maintenance - LSO 2
Attachments: Contract Award Recommendation Wi - FI ref 6560.pdf

Hi [REDACTED]

Rather than me drop the hard copy with all the wet signatures down to Connolly [REDACTED] has said he is happy for a scanned copy to be printed and signed by yourself if this is ok. A copy of the board paper stating approval is attached at the end of the CAR in the attached.

I would be grateful if you could review and sign and return at your earliest convenience.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 30 January 2019 08:54
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: 170188 - Passenger WiFi Maintenance - LSO 2

Thank you [REDACTED]

Heidi, the Contract Award Recommendation is in Bridgewater House for Siobhan's signature. I'll collect and bring to Connolly later today for Jim's signature if this suits? We'd like to get fully signed off today if possible.

Thanks,

[REDACTED]


From: [REDACTED]
Sent: 30 January 2019 07:48
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: 170188 - Passenger WiFi Maintenance - LSO 2

[REDACTED] I confirm I am in agreement to proceed as you outline. Electronic copy is fine for my files

[REDACTED]

Sent from my iPad

On 29 Jan 2019, at 18:13, [REDACTED] wrote:



I attach a scanned copy of LSO 2 for this project. Please let me know if you would like the original for your file.

Please contact me if you wish to discuss any legal concerns you may have in relation to the Project. Otherwise, if you confirm to me by email that you are satisfied to proceed on the basis that the matters referred to in LSO 2 fall within the scope of your management remit, I can sign the Contract Award Recommendation, when required.

Regards,

[Redacted]
[Redacted]
Solicitor | CIE Solicitor's Office
Commercial and Regulatory Department
Bridgewater House | Islandbridge | Dublin 8

[Redacted]
<LSO 22019-01-29-160010.pdf>

62

[REDACTED]

From: [REDACTED]
Sent: 23 January 2019 12:21
To: [REDACTED]
Subject: FW: WIFI Spec
Attachments: WIFI SPECIFICATION 17V1.8.docx; WIFI SPECIFICATION 17V1.11.docx; WIFI SPECIFICATION.pdf

And FYI attached is the PDF that went out. I know we can't do a side by side with the PDF but just for information.

[REDACTED]

From: [REDACTED]
Sent: 23 January 2019 12:20
To: [REDACTED]
Subject: WIFI Spec

[REDACTED]

V1.8 is the final word version I have before we accepted changes and turned to a PDF.

V1.11 is what Anthony has sent to me post changes. I'm not sure what's happened to versions 1.9 and 1.10 but this is what he's sent.

Will I come over this afternoon to go through with you?

Thanks,

[REDACTED]

Procurement & Contracts Executive
Procurement Department, CIE Works Buildings, Dublin 8, Ireland.



 Please consider the environment before printing this email

53

From: [REDACTED]
Sent: 31 January 2019 15:13
To: [REDACTED]
Subject: FW: WIFI Update

I haven't told [REDACTED] sent to EVAD just in case he didn't want us to yet.

From: [REDACTED]
Sent: 31 January 2019 15:13
To: [REDACTED]
Cc: [REDACTED]
Subject: WIFI Update

Hi [REDACTED]

FYI, the CAR has now been fully signed by [REDACTED] and legal and all other signatures and has been filed.

The executable version of the contract is ready. Louis reviewed it with the schedules I put in and said it was fine.

I await your instruction.

Thanks,

[REDACTED]
Procurement & Contracts Executive
[REDACTED] 15, Mount Street, G15 Works Institute, Dublin 8, Ireland.





[REDACTED]

From: [REDACTED]
Sent: 30 January 2019 08:54
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: 170188 - Passenger WiFi Maintenance - LSO 2

Thank you [REDACTED]

Heidi, the Contract Award Recommendation is in Bridgewater House for Siobhan's signature. I'll collect and bring to Connolly later today for Jim's signature if this suits? We'd like to get fully signed off today if possible.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 30 January 2019 07:48
To: [REDACTED]
Cc: [REDACTED]
Subject: Re: 170188 - Passenger WiFi Maintenance - LSO 2

[REDACTED] confirm I am in agreement to proceed as you outline. Electronic copy is fine for my files

[REDACTED]

Sent from my iPad

On 29 Jan 2019, at 18:13, [REDACTED] wrote:

[REDACTED]

I attach a scanned copy of LSO 2 for this project. Please let me know if you would like the original for your file.

Please contact me if you wish to discuss any legal concerns you may have in relation to the Project. Otherwise, if you confirm to me by email that you are satisfied to proceed on the basis that the matters referred to in LSO 2 fall within the scope of your management remit, I can sign the Contract Award Recommendation, when required.

Regards,

[REDACTED]

[REDACTED]

Solicitor | CIE Solicitor's Office
Commercial and Regulatory Department
Bridgewater House | Islandbridge | Dublin 8

[REDACTED]

55

[REDACTED]

From: [REDACTED]
Sent: 30 January 2019 09:15
To: [REDACTED]
Subject: RE: Wi fi LSO

H [REDACTED]

[REDACTED] has said he's happy for you to scan to me and I'll send electronically to Jim Meade, as opposed to having all wet signatures on the one.

I'd be grateful if you could scan once you've had a chance to sign.

Thanks again for all your hard work on this project.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 30 January 2019 08:51
To: [REDACTED]
Subject: RE: Wi fi LSO

Thanks [REDACTED] for all your work on this.

I believe the CAR is in Bridgewater House with you today. Please could you let me know when signed? It then needs to go to Jim Meade. I'm happy to collect and bring to Connolly today once you've had a chance to sign.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 29 January 2019 17:42
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Wi fi LSO

[REDACTED]

I now attach execution text of the Agreement (D4) together with a blacklined version showing the changes made to the last draft (D3).

I will issue LSO 2 to [REDACTED] shortly based on this execution text.

Regards,

[REDACTED]

From: [REDACTED]
Sent: 29 January 2019 09:23

65

To: [REDACTED]
Subject: RE: Wi fi LSO

The value of this is over €2m so it has to go to CEO [REDACTED]
[REDACTED]

From: [REDACTED]
Sent: 29 January 2019 09:22
To: [REDACTED]
Subject: RE: Wi fi LSO

H [REDACTED]

I will be at a course in Heuston until 4pm today but I will look at this when I get back to the office this evening. I thought that LSO 2 was to go to [REDACTED] LSO 1 was addressed to him. Please clarify.

Regards & thanks,

[REDACTED]

From: [REDACTED]
Sent: 29 January 2019 09:18
To: [REDACTED]
Cc: [REDACTED]
Subject: Wi fi LSO
Importance: High

Good morning [REDACTED]

[REDACTED] isn't around today and I am under pressure to get the wi fi contract executed this week. Are in in a position to issue the LSO 2 to the CEO [REDACTED] today ?

Thanks
[REDACTED]

Iarnród Éireann Irish Rail, cuideachta ghníomhaíochta ailmnithe, faoi theorainn scaireanna, clarlaithe in Éirinn ag Stáisiún Uí Chonghaile, Baile Átha Cliath 1, Úr. 119571 Úr. CBL: IE 4812851 O
Iarnród Éireann Irish Rail, a designated activity company, limited by shares, registered in Ireland at Connolly Station, Dublin 1, No. 119571 VAT No. IE 4812851 O



From: [REDACTED]
Sent: 30 January 2019 08:51
To: [REDACTED]
Subject: RE: Wi fi LSO

Thanks [REDACTED] for all your work on this.

I believe the CAR is in Bridgewater House with you today. Please could you let me know when signed? It then needs to go to Jim Meade. I'm happy to collect and bring to Connolly today once you've had a chance to sign.

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 29 January 2019 17:42
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Wi fi LSO

[REDACTED]
I now attach execution text of the Agreement (D4) together with a blacklined version showing the changes made to the last draft (D3).

I will issue LSO 2 to [REDACTED] shortly based on this execution text.

Regards,

[REDACTED]

From: [REDACTED]
Sent: 29 January 2019 09:23
To: [REDACTED]
Subject: RE: Wi fi LSO

The value of this is over €2m so it has to go to CEO [REDACTED]
[REDACTED]

[REDACTED]

From: [REDACTED]
Sent: 29 January 2019 09:22
To: [REDACTED]
Subject: RE: Wi fi LSO

H [REDACTED]

I will be at a course in Heuston until 4pm today but I will look at this when I get back to the office this evening. I thought that LSO 2 was to go to [REDACTED] LSO 1 was addressed to him. Please clarify.

Regards & thanks,

56

[Redacted]

From: [Redacted]

Sent: 29 January 2019 09:18

To: [Redacted]

Cc: [Redacted]

Subject: Wi fi LSO

Importance: High

Good mornin [Redacted]

Beth isn't around today and I am under pressure to get the wi fi contract executed this week. Are in in a position to issue the LSO 2 to the CEO [Redacted] today ?

Thanks

[Redacted]

Iarnrod Éireann Irish Rail, cuideachta ghníomhaíochta ainmnithe, faoi theorainn scaireanna, claraithe in Éirinn ag Stáisiún Uí Chonghaile, Baile Átha Cliath 1, Úr. 119571 Úr. CBL: IE 4812851 O
Iarnrod Éireann Irish Rail, a designated activity company, limited by shares, registered in Ireland at Connolly Station, Dublin 1, No. 119571 VAT No. IE 4812851 O



[REDACTED]

From: [REDACTED]
Sent: 30 January 2019 12:32
To: [REDACTED]
Subject: RE: WIFI Contract Update

Of course [REDACTED]

[REDACTED]

From: [REDACTED]
Sent: 30 January 2019 12:30
To: [REDACTED]
Subject: RE: WIFI Contract Update

Hi [REDACTED] if you don't mind I will review the pack with you in the afternoon prior to sending it out for execution. Can I drop over at 2.30?

[REDACTED]

From: [REDACTED]
Sent: 30 January 2019 11:55
To: [REDACTED]
Subject: WIFI Contract Update

Hi [REDACTED]

The WIFI contract is ready to be sent for execution to the supplier. I've inserted all the schedules and scanned in. It's in 2 parts due to its size.

The CAR has been signed by Siobhan and LS02 issued, which [REDACTED] has accepted. We are now just waiting for [REDACTED] to sign the CAR, which was sent to him this morning. I have tried to call Heidi but it says she's offline today.

I'll await your instruction.

Thanks,


[REDACTED]

[REDACTED]

Procurement & Contracts Executive
Procurement Department, CIE Works, Inchicore, Dublin 8, Ireland.



 Please consider the environment before printing this email



From: [REDACTED]
Sent: 21 February 2019 12:44
To: IE Procurement Support; [REDACTED]
Subject: RE: WIFI SAP Contract (Vendor not set up)

Thank you. Done.

[REDACTED]

From: IE Procurement Support
Sent: 18 February 2019 10:09
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: WIFI SAP Contract (Vendor not set up)

Thank [REDACTED]

[REDACTED]

You can advise the business that they are using service entries to receipt this PO.

Regards,

[REDACTED]

From: [REDACTED]
Sent: 18 February 2019 09:22
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: WIFI SAP Contract (Vendor not set up)

done

From: IE Procurement Support
Sent: 15 February 2019 11:54
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: WIFI SAP Contract (Vendor not set up)

[REDACTED]

Can you XA release 4500993033 please.

[REDACTED]

You can advise the business of the PO on release.

Regards,

[REDACTED]

From: [REDACTED]
Sent: 15 February 2019 10:42



To [REDACTED]
Cc: [REDACTED]
Subject: RE: WIFI SAP Contract (Vendor not set up)

done

From: [REDACTED]
Sent: 15 February 2019 10:21
To: [REDACTED]
Cc: [REDACTED]
Subject: FW: WIFI SAP Contract (Vendor not set up)

H [REDACTED]

Can you release 4600004994 please.

Regards,

[REDACTED]

From: [REDACTED]
Sent: 07 February 2019 16:06
To: IE Procurement Support <IEProcurementSupport@irishrail.ie>
Subject: WIFI SAP Contract (Vendor not set up)

Hi,

Please could you set up a SAP contract for WIFI?

Please let me know what other information you need.

Thanks,

[REDACTED]

[REDACTED]
Procurement & Contracts Executive
Procurement Department, CIE Works Inchicore, Dublin 8, Ireland.
☎: +353 (0)1 703 36 [REDACTED]



Please consider the environment before printing this email



[REDACTED]

From: [REDACTED]
Sent: 24 January 2019 15:57
To: [REDACTED]
Subject: RE: WIFI update

Importance: High

I think we should advise them that we are in the process of preparing the execution documents and ask them to extend validity by two weeks?

[REDACTED]

From: [REDACTED]
Sent: 24 January 2019 15:44
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: WIFI update

[REDACTED]

Just to let you know the commercial offer from Evad was extended until 31st January. Would this become an issue if say for example we didn't execute until 1st February?

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 24 January 2019 13:32
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: WIFI update

Thanks

I spoke to CPO and we had a conference call with [REDACTED]
We are targeting issuing the contract for execution on Wednesday 30th January.
The sequence is as follows:

- IE to provide final information for the population of the execution version of the contract by BWH 24/01 – DONE
- IE will send CAR to BWH in anticipation of LSO 2 issue and acceptance 25/01
- BWH (Colm Costello) will respond to Beauchamp's letter 25/01.
- BWH will issue LSO 2 to CEO Monday 28/01
- CEO will respond 29/01
- BWH will provide Execution version to Procurement by 29/01
- BWH will sign CAR and return to Procurement 29/01



- IE to insert schedules including schedule 13 and issue for execution 30/01
- IE will send CAR to CEO for final signature 30/01
- CEO will sign and return CAR 31/01
- IE will execute when contractor returns properly executed contracts and CEO has signed and returned CAR.
- IE will set up SAP solution
- IE will publish Award notice.

From [REDACTED]
Sent: 24 January 2019 12:51

To: [REDACTED]
Cc: [REDACTED]
Subject: WIFI update

Hi,

I have provided Siobhan with the insurance information from [REDACTED] and the broker, confirmed we don't want to use fax numbers, and confirmed that we will insert schedule 13 (data schedule) ourselves. I have asked [REDACTED] to confirm what data will be harvested and asked for his swift response.

Thanks,

[REDACTED]
Procurement & Contracts Executive
Procurement Department, CIE Works Inchicore, Dublin 8, Ireland.
☎: +353 (0)1 703 3605 [REDACTED]



60

[REDACTED]

From: [REDACTED]
Sent: 24 January 2019 15:44
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: WIFI update

[REDACTED]

Just to let you know the commercial offer from [REDACTED] was extended until 31st January. Would this become an issue if say for example we didn't execute until 1st February?

Thanks,

[REDACTED]

From: [REDACTED]
Sent: 24 January 2019 13:32
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: WIFI update

Thanks

I spoke to CPO and we had a conference call with [REDACTED]
We are targeting issuing the contract for execution on Wednesday 30th January.
The sequence is as follows:

- IE to provide final information for the population of the execution version of the contract by BWH 24/01 – DONE
- IE will send CAR to BWH in anticipation of LSO 2 issue and acceptance 25/01
- BWH (Colm Costello) will respond to Beauchamp's letter 25/01.
- BWH will issue LSO 2 to CEO Monday 28/01
- CEO will respond 29/01
- BWH will provide Execution version to Procurement by 29/01
- BWH will sign CAR and return to Procurement 29/01
- IE to insert schedules including schedule 13 and issue for execution 30/01
- IE will send CAR to CEO for final signature 30/01
- CEO will sign and return CAR 31/01
- IE will execute when contractor returns properly executed contracts and CEO has signed and returned CAR.
- IE will set up SAP solution
- IE will publish Award notice.

60

From [REDACTED]
Sent: 24 January 2019 12:51
To [REDACTED]
Cc [REDACTED]
Subject: WIFI update

Hi,

I have provided [REDACTED] with the insurance information from [REDACTED] and the broker, confirmed we don't want to use fax numbers, and confirmed that we will insert schedule 13 (data schedule) ourselves. I have asked [REDACTED] to confirm what data will be harvested and asked for his swift response.

Thanks,

[REDACTED]
[REDACTED]
Procurement & Contracts Executive
Procurement Department, CIE Works Inchicore, Dublin 8, Ireland.
[REDACTED]



Please consider the environment before printing this email

From: [REDACTED]
Sent: 31 January 2019 15:22
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: WIFI Update

Thanks [REDACTED]
[REDACTED]

From: [REDACTED]
Sent: 31 January 2019 15:21
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: WIFI Update

Thank [REDACTED]
Please issue it for execution.
[REDACTED]

From: [REDACTED]
Sent: 31 January 2019 15:13
To: [REDACTED]
Cc: [REDACTED]
Subject: WIFI Update

Hi [REDACTED]
FYI, the CAR has now been fully signed by [REDACTED] and legal and all other signatures and has been filed.

The executable version of the contract is ready. Louis reviewed it with the schedules I put in and said it was fine.

I await your instruction.

Thanks,
[REDACTED]

[REDACTED]
Procurement & Contracts Executive
Procurement Department, CIE Works Inchicore, Dublin 8, Ireland.
[REDACTED]



Please consider the environment before printing this email

[Redacted]

From: [Redacted]
Sent: 06 February 2019 10:36
To: [Redacted]
Cc: [Redacted]
Subject: WiFi Contract

H [Redacted]

[Redacted] are on their way with the three contracts that they have signed. He'll be in here 20 minutes. Would you be free to sign them with me please? Or if you would like [Redacted] to sign on your behalf would you mind responding via email to say you have reviewed the executable contract and are happy for it to be signed?

Thanks,

[Redacted]

[Redacted]

Procurement & Contracts Executive
Procurement Department, CIE Works Inchicore, Dublin 8, Ireland.

[Redacted]



Please consider the environment before printing this email

63

From: [REDACTED]
Sent: 30 January 2019 11:55
To: [REDACTED]
Cc: [REDACTED]
Subject: WIFI Contract Update

[REDACTED]

The WIFI contract is ready to be sent for execution to the supplier. I've inserted all the schedules and scanned in. it's in 2 parts due to its size.

The CAR has been signed by Siobhan and LS02 issued, which [REDACTED] as accepted. We are now just waiting for [REDACTED] to sign the CAR, which was sent to him this morning. I have tried to call Heidi but it says she's offline today.

I'll await your instruction.

Thanks,

[REDACTED]

[REDACTED]

Procurement & Contracts Executive
Procurement Department, CIE Works Inchicore, Dublin 8, Ireland.



 Please consider the environment before printing this email

64

[REDACTED]

From: [REDACTED]
Sent: 23 January 2019 13:22
To: [REDACTED]
Subject: Wifi specifications compared
Attachments: WIFI A -B Compared.docx

I ran this see attached with Red line , there is no significant changes.

[REDACTED]

Schedule of Records for IE_FOI_247: Summary for Decision Making

Record No.	Date of Record	Brief Description	No. of Pages	Decision: Grant/Part Grant/Refuse	Section of Act if applicable	Record Edited/Identify Deletions
1	06/02/2019	ECP Project Manager Approval.	7	Grant		
2	11/12/2018	EVAD Contract Execution update request.	1	Grant		
3	02/04/2019	CME Board Advisory Note	1	Grant		
4	29/04/2019	Internal Note - Fleet Connect Additional Information Request.	7	Grant		
5	18/02/2019	Internal Note - Revised EVAD Technical Solution	4	Part Grant	36.1(a)	
6	18/02/2019	Internal Note - Revised EVAD Technical Solution	5	Part Grant	36.1(a)	
7	26/03/2019	EVAD Review Meeting	3	Part Grant	36.1(a)	
8	11/12/2019	Nomad revised standstill.	1	Grant		
9	08/01/2019	Revised specification request.	1	Grant		
10	20/02/2019	Internal Note - Revised EVAD Technical Solution	1	Part Grant	36.1(a)	
11	06/02/2019	Internal Note - Contract Execution with EVAD	1	Grant		
12	02/04/2019	Internal Meeting - Revised EVAD Technical Solution	4	Part Grant	36.1(a)	
13	25/03/2019	Internal Note - Revised EVAD Technical Solution	3	Part Grant	36.1(a)	
14	02/04/2019	Internal Note - Revised EVAD Technical Solution	2	Grant		
15	29/04/2019	Internal Note - Fleet Connect Additional Information Request.	3	Grant		
16	08/01/2019	Internal Note - Contract Execution with EVAD	2	Grant		
17	29/04/2019	Internal Note - Fleet Connect Additional Information Request.	2	Grant		
18	08/01/2019	Internal Note - Contract Execution with EVAD	2	Grant		
19	08/01/2019	Internal Note - Contract Execution with EVAD	3	Grant		
20	04/01/2019	Internal Note - Contract Execution with EVAD	2	Grant		
21	08/01/2019	Internal Note - Contract Execution with EVAD	2	Grant		
22	18/02/2019	Internal Note - Revised EVAD Technical Solution	5	Part Grant	36.1(a)	
23	20/02/2019	Internal Note - Revised EVAD Technical Solution	1	Part Grant	36.1(a)	
24	06/03/2019	Internal Note - Revised EVAD Technical Solution	10	Part Grant	36.1(a)	
25	19/02/2019	Internal Note - Revised EVAD Technical Solution	6	Part Grant	36.1(a)	
26	09/01/2019	Internal Note - Contract Execution with EVAD	4	Grant		
27	09/01/2019	Internal Note - Contract Execution with EVAD	4	Grant		
28	09/01/2019	Internal Note - Contract Execution with EVAD	4	Grant		
29	09/01/2019	Internal Note - Contract Execution with EVAD	3	Grant		
30	09/01/2019	Internal Note - Contract Execution with EVAD	3	Grant		
31	08/01/2019	Internal Note - Contract Execution with EVAD	3	Grant		
32	08/01/2019	Internal Note - Contract Execution with EVAD	2	Grant		
33	08/01/2019	Internal Note - Contract Execution with EVAD	2	Grant		
34	08/01/2019	Internal Note - Contract Execution with EVAD	2	Grant		

35	08/01/2019	Internal Note - Contract Execution with EVAD	2	Grant		
36	09/01/2019	Internal Note - Contract Execution with EVAD	4	Grant		
37	05/02/2019	Internal Note - Contract Execution with EVAD	1	Grant		
38	08/01/2019	Internal Note - Contract Execution with EVAD	1	Grant		
39	12/01/2019	Internal Note - 21 Net and Nomad	3	Part Grant	36.1(a)	
40	11/12/2018	Nomad revised standstill.	1	Grant		
41	17/01/2019	Nomad revised standstill.	3	Part Grant	36.1(a)	
42	17/01/2019	Nomad revised standstill.	6	Part Grant	36.1(a)	
43	24/01/2019	Question relating to GDPR	2	Grant		
44	02/05/2019	Internal Note - Fleet Connect Additional Information Request.	1	Grant		
45	28/11/2019	Nomad revised standstill.	2	Grant		
46	04/01/2018	Internal Note - Nomad objection.	3	Grant		
47	12/12/2018	Internal Note - Contract Execution with EVAD	2	Grant		
48	12/12/2018	Internal Note - Contract Execution with EVAD	1	Grant		
49	25/03/2019	Internal Note - Contract Execution with EVAD	3	Part Grant	36.1(a)	
50	31/01/2019	Internal contract approval.	17	Part Grant	36.1(a)	
51	30/01/2019	Internal Legal Sign Off	2	Grant		
52	23/01/2019	Internal Note - Specification Review	1	Grant		
53	31/01/2019	Internal Legal Sign Off	1	Grant		
54	30/01/2019	Internal Legal Sign Off	2	Grant		
55	30/01/2019	Internal Legal Sign Off	2	Grant		
56	30/01/2019	Internal Legal Sign Off	2	Grant		
57	30/01/2019	Internal Legal Sign Off	1	Grant		
58	21/02/2019	Internal Note - Vendor Set Up	2	Grant		
59	24/01/2019	Internal Legal Sign Off	2	Grant		
60	24/01/2019	Internal Legal Sign Off	2	Grant		
61	31/01/2019	Internal Legal Sign Off	1	Grant		
62	06/02/2019	Internal Legal Sign Off	1	Grant		
63	30/01/2019	Internal Legal Sign Off	1	Grant		
64	23/01/2019	Specification Review	1	Grant		
65	03.07.19	FOI Request IEFOI247 - File No. A.27.05.19	1	Part Grant	36.1(a)	

Signed.....

Date 03/07/19