

## RE: Portable scales procurement plan

**From:** JONES David P <david.paul.jones@rms.nsw.gov.au>  
**To:** SOLIMAN Samer <samer.soliman@rms.nsw.gov.au>  
**Cc:** SINGH Jai <jai.singh@rms.nsw.gov.au>, JENKINS Raymond D <raymond.jenkins@rms.nsw.gov.au>  
**Date:** Tue, 16 Jan 2018 19:00:28 +1100  
**Attachments:** Current (Old style) 10A III scale.JPG (75.7 kB); Current (Old style) 10A showing worn stainless end plate & steel end plate.JPG (77.96 kB); Modified 10A III New Style.JPG (79.06 kB); Modified Wheel Brackets.JPG (61.19 kB); Modified, welded lower plate & wheel bracket.JPG (52.84 kB); New Replacement 10A (Old Style ) Steel End Plate.JPG (38.6 kB); Old Style 10A side plate showing damaged stainless end plate.JPG (47.43 kB); Standard 10A III New Style.JPG (61.91 kB); Standard 10C scale.JPG (54.38 kB); Unserviceable wheel bracket & broken stud.JPG (23.17 kB); scale image a).pdf (98.25 kB); scale image b).pdf (100.36 kB); scale image c).pdf (99.83 kB); scale image d).pdf (78.17 kB); scale image e).pdf (70.47 kB); scale image f).pdf (75.78 kB); scale image g).pdf (96.48 kB); scale image h).pdf (99.24 kB); scale image i).pdf (107.26 kB)

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Gents,

FYI – I have taken various images (attached) to support explanations on best options & current issues – please view images a), b), c), d), e), f), g), h), & i)

- Question 1- Answer) - Wheels are most definitely required, **providing**, the brackets are chamfered on both upper & lower faces – they are proving during operation to be invaluable, time-saving & easier when positioning scale under dual wheels by a single Inspector.
- Question 2 - Answer) - Maximum dimensions required are 140mm depth (standard handles on 10 C scales)

In summary, the new style 10A III scales are a most welcome improvement due to their lighter weight & ease in handling & positioning, however, issues have arisen during operation with dual tyre edges creating pressure on the wheel brackets causing damage (e.g. loose & broken studs & bent brackets) & due to the shorter handle length pressure is also displaced by tyre edges on the handles. As an improvement, new style 10A scales have been modified by the fitment of extension sleeves to the handles & modifications to the wheel brackets by chamfering the top faces – both modifications, have during operation, proved successful.

Preferred option for tender as follows:

- 10A III (new style) scales fitted with longer (140mm) handles – currently fitted to 10C scales
- Lower end plates to be manufactured in steel (currently aluminium) with wheel brackets welded to same with upper & lower faces chamfered

BTW - I have addressed the current issues with the 10A III (new style) scales with Stephen Thammiah ( Novation Engineering) previously.

Trust this assists & if you require further please contact me directly.

Regards

DJ

David Jones  
A/Sydney Sector Manager & Operations Manager Sydney West 1  
Compliance Operations | Compliance and Regulatory Services  
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**From:** SOLIMAN Samer  
**Sent:** Tuesday, 16 January 2018 12:33 PM  
**To:** JONES David P  
**Cc:** SINGH Jai  
**Subject:** RE: Portable scales procurement plan

DJ,

Couple more questions:

- 1) Confirming you do NOT want wheels on scales?
- 2) What are the minimum and maximum dimensions you would like the handles on the scales to be?

**Samer Soliman**  
Manager Heavy Vehicle Programs

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**From:** JONES David P  
**Sent:** Monday, 15 January 2018 2:09 PM  
**To:** SOLIMAN Samer  
**Cc:** JENKINS Raymond D; PATTERSON Brett; DAVEY Walter S  
**Subject:** FW: Portable scales procurement plan

Hi Samer,

Neglected to address the issue with operating the 10 C scales dynamically – they will only function, with accurate readings, if used in their dedicated frames with dedicated mats x 4 (images attached).

The problem with the mats is that they are heavy requiring a 2 x person lift & transported in a box trailer or similar to address the height/weight issue - therefore impractical to be used State-wide.

Regards

DJ

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**From:** JONES David P  
**Sent:** Monday, 15 January 2018 1:33 PM  
**To:** SOLIMAN Samer  
**Cc:** DAVEY Walter S; PATTERSON Brett; JENKINS Raymond D

**Subject:** RE: Portable scales procurement plan

Hi Samer,

Evaluation/trial is still ongoing, with less than expected results/operation.

One of the new 10C scales has apparently allowed water to enter the battery & logic board areas, during a recent operation, resulting in the scale now being inoperative – I have been in contact with Stephen (Novation Engineering) and we are working through the problem, however, as the scale is under warranty and there is no authorised service provider, to my knowledge, appointed/authorised to service/repair this scale it has to be returned to Sweden.

There are ongoing issues with operating the 10Cs via Bluetooth which is also being addressed currently.

Taking into account the pros & cons listed by Ray, I would recommend that no more 10C scales are purchased as other Bluetooth WIMS systems currently in use are proving to be reliable & are less costly & the current vehicle racks are unsuitable for same.

With regards to the new 10A III scales currently in use in Sydney & their short-falls (shorter handles & issues with positioning wheels), I am sure these areas can be addressed by IRD & SAW for any future supply, as we (Sydney West) have modified same with excellent results.

In the event that the 10A III were successful by tender, the modification to change charging systems is simple & inexpensive.

My recommendation is to tender for SAW 10A III scales, as there no issues with current vehicle racks etc., provided they are fitted with the longer handles fitted to the 10C units & the retaining brackets for the positioning wheels are modified to suit our (RMS) requirements.

Again, my concerns are that there is no authorised service provider to service new scales during & after their warranty periods.

Should you require further please contact me directly.

Regards

DJ

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**From:** SOLIMAN Samer  
**Sent:** Monday, 15 January 2018 12:53 PM  
**To:** JONES David P; PATTERSON Brett; JENKINS Raymond D  
**Subject:** RE: Portable scales procurement plan  
**Importance:** High

Gday DJ, Ray, Brett and happy new year,

Can I please have some feedback for the new 10C III dynamic scales which you are trialling?

The main question is: is it worth investing in the dynamic 10C III scales over the static 10A III?

The 10C III scales do not fit in the current vehicle housings so if these PAT 10C III scales are successful in the upcoming tender, each VR office will need to be responsible for their own installation/ modification of the existing vehicle housings to fit the 10C III's and the minor electrical work to fit any new chargers required.

Can I please have some responses ASAP as the tender needs to commence.

**Samer Soliman**  
Manager Heavy Vehicle Programs

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**From:** JENKINS Raymond D  
**Sent:** Tuesday, 31 October 2017 1:12 PM  
**To:** SOLIMAN Samer; PATTERSON Brett  
**Cc:** DAVEY Walter S  
**Subject:** RE: Portable scales procurement plan

Hi Samer

FYI, as you know we have a couple new 10As and 10Cs, will give you some pros and cons for both:

New 10As

- Pros
  - Fit original cradle
  - Little lighter (still a 2 person lift into car though)
- Cons
  - Weigh pads area is narrower which is causing issues weighing dual tyre axles (at times inner tyre hits the ground or the outer tyre ride on screen display area)
  - Handles are too short get in the way of charge lead and finger are too close to ground when sliding under wheels
  - Have wheel fitted to end of scale which are useless and make it more difficult to use (wheel retaining brackets scrap on ground)
  - Appear to be of a less rugged design as older 10As and new 10Cs

New 10Cs

- Pros
  - Larger pad area for dual tyres with 2 extra load cells within
  - Can be used dynamically
  - Handles better than 10As
  - No silly wheels at end of scale
  - Appear to be of more rugged construction
- Cons
  - Slightly heavier than new 10As (no heavier than current 10A versions we are using)
  - Don't fit current cradle (need current cradles to be modified or replaced)

In summary, from my view the new 10Cs would be a better investment as they are a multi purpose device and will be less likely to be damaged and subject to wear and tear more rugged and can screen mass without using all scales every time we weigh a truck

Cheers

Ray Jenkins  
Sector Manager Sydney, Compliance Operations,  
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-----Original Message-----

From: SOLIMAN Samer  
Sent: Tuesday, 31 October 2017 12:08 PM  
To: PATTERSON Brett  
Cc: JENKINS Raymond D; DAVEY Walter S  
Subject: Re: Portable scales procurement plan

Thanks Brett.

So procurement order preference:

1. Sydney
2. Southern
3. Western
4. Northern

Also are you referring to DYNAMIC scales where the truck drives over the scale at a slow speed to get a weight estimate?

Cheers,  
Samer

Sent from my iPhone

> On 31 Oct 2017, at 12:02 PM, PATTERSON Brett <[Brett.PATTERSON@rms.nsw.gov.au](mailto:Brett.PATTERSON@rms.nsw.gov.au)> wrote:

>

> Hi Samer,

>

> Sydney, South and then Western Sector as below

>

> Additionally, just as another concern, with the proposed NHVR weighing changes for Oversize/overmass platform type trailers and to address WHS concerns is there an opportunity to purchase a number of haenni (LONG) scales and blocks for the Western Sector

>

> Brett

>

>

>

> -----Original Message-----

> From: SOLIMAN Samer

> Sent: Tuesday, 31 October 2017 9:52 AM

> To: JENKINS Raymond D; PATTERSON Brett

> Subject: Portable scales procurement plan

>

> Hi gents,

> I've had some movement with potential funding for scales.

> I need to draft a basic procurement plan Today for senior management.

> Can you please advise which sectors you would like scales funded first? Based on which have the most failures currently and which are most critical to your operations.

>

> Cheers,

> Samer

## FW: Portable Weigh Scale

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**From:** JONES David P </o=rta/ou=sydney/cn=recipients/cn=jonesdp">  
**To:** SINGH Jai <jai.singh@rms.nsw.gov.au>  
**Cc:** EVERSON Barry J <barry.everson@rms.nsw.gov.au>, LEMARECHAL Claire <claire.lemarechal@rms.nsw.gov.au>, "PATTERSON Brett (Brett.PATTERSON@rms.nsw.gov.au)" <brett.patterson@rms.nsw.gov.au>, "JENKINS Raymond D (Raymond.Jenkins@rms.nsw.gov.au)" <raymond.jenkins@rms.nsw.gov.au>, STEYN Craig G <craig.steyn@rms.nsw.gov.au>, JANSEN Arnold <arnold.jansen@rms.nsw.gov.au>  
**Date:** Thu, 15 Feb 2018 19:22:01 +1100

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Hi Jai,

Your enquiry regarding the scale racks & carriage of scales has been playing on my mind in relation to the Evaluation Report & review of submissions for the RFQ 17.0000302935.1100-0018.

Whilst the panel (including myself) reviewed the RFQ & made assessments accordingly, on reflection I am worried that the Scale Requirements, especially the Dimensions, were too restrictive and narrowed the field accordingly – in essence only one model could meet the requirements.

I re-measured the current scale racks (fitted to most Sydney Sector Enforcement Vehicles) and these racks can accommodate scales with maximum dimensions as follows:

Length: 880mm	670mm – RFQ dimension
Width: 530mm	520mm – RFQ dimension
Height: 45mm	42mm – RFQ dimension

Furthermore, I searched the Internet and there are numerous manufacturers of scales.

In addition, I conversed with Paul Walker, Technical Officer, Compliance Monitoring, who advised that a “Scoping Project” had been recently carried out on the suitability of scales – results unknown.

In considering costs, a current 12 x scale rack costs @ \$1800:00 plus fitting, therefore if a brand of scale that suits our (RMS) needs at the most economical price required another rack it is not insurmountable.

An evaluation of scales should be undertaken ( providing this has not been facilitated already during the “Scoping Project”) where interested manufacturers or distributors supply scales for in-field testing, then depending on the results a new RFQ could be developed and distributed.

Should you require further please contact me directly.

Regards

DJ

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**From:** JONES David P  
**Sent:** Wednesday, 14 February 2018 7:19 PM  
**To:** SINGH Jai  
**Subject:** Re: Portable Weigh Scale

Will sort tomorrow. DJ

Sent from my iPhone

On 14 Feb 2018, at 4:34 PM, SINGH Jai <[Jai.SINGH@rms.nsw.gov.au](mailto:Jai.SINGH@rms.nsw.gov.au)> wrote:

Hi DJ,

Just wondering if you had a chance to complete reviewing the evaluation report?

Regards,  
Jai

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**From:** LEMARECHAL Claire  
**Sent:** Tuesday, 13 February 2018 3:54 PM  
**To:** EVERSON Barry J; SINGH Jai; JONES David P  
**Subject:** RE: Portable Weigh Scale

Same from me.

*Please don't hesitate to contact me if you have any queries.*

*Regards,*

*Claire Lemaréchal*  
*SRIMS test lead*

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Current work location: Rozelle

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**From:** EVERSON Barry J  
**Sent:** Tuesday, 13 February 2018 3:51 PM  
**To:** SINGH Jai; JONES David P; LEMARECHAL Claire  
**Subject:** RE: Portable Weigh Scale

Hi Jai,

Some minor corrections/additions (in red) to be considered – as attached below.

Cheers

**Barry Everson**  
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<< File: Procurement of portable weigh scales - tender-evaluation-report.doc >>

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**From:** SINGH Jai  
**Sent:** Tuesday, 13 February 2018 12:34 PM  
**To:** JONES David P; EVERSON Barry J; LEMARECHAL Claire  
**Subject:** RE: Portable Weigh Scale

Hi All,

I've attached the draft evaluation report for your review.

The key part of the document to review is **Stage 3 –Technical Worth**

If you can review my notes and let me know if there's anything I've missed or needs correcting.

**@DJ** – I recall you mentioning that inspectors carry 8-10 scales these days and if any fabrication of new racks was to occur, this will limit the amount of scales that can be transported. Can you provide me more info on this and any impacts associated with this?

If you can review and provide feedback when you can, that would be great 😊

<< File: Procurement of portable weigh scales - tender-evaluation-report.doc >>

Regards,  
Jai

-----Original Appointment-----

**From:** SINGH Jai  
**Sent:** Monday, 29 January 2018 11:59 AM  
**To:** SINGH Jai; JONES David P; [barry.everson@rms.nsw.gov.au](mailto:barry.everson@rms.nsw.gov.au);  
[Claire.LEMARECHAL@rms.nsw.gov.au](mailto:Claire.LEMARECHAL@rms.nsw.gov.au)  
**Subject:** Portable Weigh Scale  
**When:** Monday, 12 February 2018 10:00 AM-2:00 PM (UTC+10:00) Canberra, Melbourne, Sydney.  
**Where:** +Octagon Meeting Room 5E

**\*\*Extending the meeting until 2pm just in case it's required\*\***

Hi All,

We have a tender for the procurement of 125 portable weigh scales (RFQ attached) that is set to close this Wednesday @ 5pm.

You have been nominated to be part of the assessment panel (let me know if you're no interested)

Let me know whether this date/time doesn't work for you and we can reschedule.