



## 911- 2019 ADDENDUM 2

### CONSTRUCTION OF BRIDGWATER FOREST STORAGE GARAGE – 200 NORTH TOWN ROAD

#### **URGENT**

**PLEASE FORWARD THIS DOCUMENT TO  
WHOEVER IS IN POSSESSION OF THE  
TENDER**

ISSUED: February 19, 2020  
BY: Greg Kucel  
TELEPHONE NO. 204 986-3429

**THIS ADDENDUM SHALL BE INCORPORATED  
INTO THE TENDER AND SHALL FORM A PART  
OF THE CONTRACT DOCUMENTS**

Template Version: A20190115

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**Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Tender, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid may render your Bid non-responsive.**

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#### **PART B – BIDDING PROCEDURES**

Revise: B2.1 to read: The Submission Deadline is 4:00 p.m. Winnipeg time, February 24, 2020.

#### **DRAWINGS**

Replace: 911-2019\_Drawing\_A1.1 with 911-2019\_Addendum 2-Drawing\_A1.1\_R1  
911-2019\_Drawing\_A2.1 with 911-2019\_Addendum 2-Drawing\_A2.1\_R1  
911-2019\_Drawing\_S1.1 with 911-2019\_Addendum 2-Drawing\_S1.1\_R1  
911-2019\_Drawing\_S2.1 with 911-2019\_Addendum 2-Drawing\_S2.1\_R1  
911-2019\_Drawing\_S3.1 with 911-2019\_Addendum 2-Drawing\_S3.1\_R1  
911-2019\_Drawing\_S4.1 with 911-2019\_Addendum 2-Drawing\_S4.1\_R1  
911-2019\_Drawing\_E1.0 with 911-2019\_Addendum 2-Drawing\_E1.0\_R1

#### **NMS SPECIFICATIONS**

Replace: 911-2019\_NMS\_Format\_Specifications with 911-2019\_Addendum-2\_NMS\_Format\_Specifications

Section 00 04 00 Accompanying Documents Index

Add: Geotechnical Report Addendum No.1 – Pavement Recommendations

Delete: City of Winnipeg Specifications Sections: CW 3010, CW3110, CW3170, CW3310, CW3510, CW3540, CW3550

Section 00 11 00 Soils Report

Add: Addendum No.1 – Pavement Recommendations

Section 01 11 00 Summary of Work

Revise: 1.3 to read: Interpretation of Documents

Revise: 1.3.1 to read: (Refer to Revised Specification Section for detail)

Section 01 51 00 Temporary Utilities

Delete: 1.3.2

Delete: 1.3.3

Delete: 1.5.2

Revise: 1.6.1 to read: Contractor to provide and pay for temporary voice and data communications equipment necessary for own use and use of Contract Administrator.

Section 07 42 46 Metal Fabrications

Delete: 1.02.3.1

Section 07 62 00 Sheet Metal Flashing and Trim

Revise: 2.6.1 to read: Form, rain gutters, rain water leaders and downpipes from 20 Gauge thick prefinished steel sheet metal or prefinished aluminum [.7mm (eaves troughs), 0.45mm (downspout)] , color as specified by contract administrator.

Section 31 11 00 Clearing and Grubbing.

Delete: 1.2.1

Section 31 14 11 Earthwork and Related Work.

Delete: 1.1.2

Section 32 11 19 Granular Sub-Base.

Delete: 1.2.3

Section 32 11 23 Aggregate Base Courses.

Delete: 1.2.2.

Section 32 12 18 Asphalt Paving.

Add: 3.1.2. Contractor to omit CW3410 Section 10.6.1 Marshall Test and Section 10.6.3 Core Samples. These are not required for this contract.

Section 32 16 15 Concrete Walks, Curbs.

Delete: 1.2.3.

Section 32 31 13 Chainlink Fencing.

Delete: 1.2.1.

Section 32 91 21 Topsoil Placement and Grading.

Delete: 1.2.1.

Section 32 92 23 Sodding.

Delete: 1.2.1.

## **APPROVED EQUAL REQUESTS**

17 31 13 – Fibreglass Asphalt Shingles:

GAF Timberline HD Shingles (40 year warranty)  
GAF WeatherWatch – Eave and Valley Protection  
GAF DeckArmour synthetic underlayment

## **QUESTIONS AND ANSWERS**

Q1: I would just like to know if the fence height is to be 6' or 8'?

A1: The fence height is to be 2440 mm or 8' as per the drawings, the specifications have been revised to eliminate the contradiction.

Q2: On print E1 the single line indicates 120/240 volts 100 amp service but the panel schedule calls for 100 amp -120/208 volts 3 phase panel

A2: The power service and panel is to be single phase 120/240 volts 100 amp. See the revised electrical sheet E1.0.

Q3: On print E1 note 10 it indicates that electrical is to cover the cost of trenching to the utility transformer. I spoke to Adam at Nova 3 and he indicated that Mb Hydro would cover the cost of pushing the Utility conductor to the meter. Please clarify.

A3: The revised electrical drawing calls for conduit to be ran to 3' below grade for the conductors to be brought to by MB Hydro.

Q4: Spec CW 3010 says that clearing & grubbing will be paid based on unit price per hectare? Does this apply here? Contract is supposed to be lump-sum, correct?

A4: Lump-sum contract, please see revised specification. There is only a single tree that may be required to be removed as per finalized building placement.

Q5: Spec CW 3110 - who is responsible for aggregate & fill testing? Contractor or COW? Do we even need this for project of this scale?

A5: The contractor is responsible for all testing, an allowance has been included only for concrete testing. See revised specification sections.

Q6: Spec CW 3110 - Section 3.2 - Contract Admin to advise how deep to excavate – this is unclear. Geo report is available so I don't understand why this can't be determined now. What depth should we be basing our price on?

A6: The excavation requirements are as per the geotechnical report and specifications. See revised specification sections and geotechnical addenda.

Q7: Spec CW 3110 - Section 3.3 - who is responsible for doing compaction testing? SPD testing? Anyone checked if requested compaction percentages are achievable on site soil? Same applies to sub-base etc. Cl. 3.10.1 - determine SPD for the sub-grade/sub-base/base - who is supposed to do that?

A7: The requirements are as per the geotechnical report, contract drawings and specifications. See revised specification sections and geotechnical addenda.

Q8: Spec CW 3110 - Section 3.4 – is geotextile required for pavement preparation?

A8: The requirements are as per the geotechnical report, contract drawings and specifications. See revised specification sections and geotechnical addenda.

Q9: Spec CW 3110 - Section 4.1 – it says that work will be paid based on unit prices – this is pretty common throughout the specs. Does this apply to this project?

A9: No, this is a lump-sum contract. See revised specification sections.

Q10: I noticed that some text in COW specs is highlighted in yellow. Does this mean anything?

A10: No, that was in the CoW specs. See revised specification sections.

Q11: CW 3170 - Earthwork & Grading - who will pay for material testing prior and after compaction? Contract unit prices – does this apply?

A11: The contractor is responsible for all testing, an allowance has been included only for concrete testing. See revised specification sections.

Q12: CW 3310 - 5.3.1 - CONCRETE PAVING - what does this section apply to if we don't have concrete paving. Do we need to submit all the information listed for concrete to be used such as aggregate information, concrete mix design, source of aggregate etc.? Can we just use regular concrete instead from a local supplier or perhaps city has approved suppliers that can be used? Is epoxy coating needed for any of the bars? Evaporation retardant - do we need to use this method? Do we need to submit concrete designs as per 6.1.1-6.1.3? 9.6 white pigment spray protection? 13 - unit price basis of payment?

A12: Concrete ticket is required as per specifications. See revised specification sections.

Q13: CW 3410 - asphaltic concrete paving - who will be responsible for testing the mix? Can we just obtain asphalt from approved supplier?

A13: The asphalt mix is to be approved by the contract administrator. Testing is by the contractor by a contract administrator approved testing source. See revised specification sections.

Q14: CW 3510 – sodding – do we need to follow all the requirements in this section. Can we just use sod from city approved supplier if such supplier exists?

A14: Contract administrator is to be informed and approve of sod source. See revised specification sections.

Q15: Generally COW specs mention inspection of every step of construction by contract admin. Just wanted to confirm that that's the case.

A15: Inspection as called for in the specifications. See revised specification sections.

Q16: CW 3550 - Chain Link specs also mention drift control fencing which is not shown on drawings. Is this needed? Also this section mentions payment to be based on unit prices – is that applicable?

A16: No drift control fencing, that was in the CoW spec section. Pricing is lump sum as per See revised specification sections.

Q17: Section 01 45 00 - Quality Control - testing to be done by the city - does this mean that all testing to be done by the city such as Standard Proctor Density testing for sub-grade, sub-base, base and compaction density testing? Looking at allowances, concrete testing to be done through allowances, correct?

A17: No contractor is responsible for testing, usually by a contractor administrator approved source. See revised specification sections.

Q18: Will structural engineer require concrete mix design for concrete supplied or concrete ticket will be sufficient?

A18: Concrete ticket and testing will be sufficient. See revised specification sections.

Q19: Section 01 51 00 – mentions that contractor to provide continuous supply of potable water - is this needed? Same thing with Temporary heating? Ventilation? Temporary power - can we simply use generators? Temporary lighting - is this required? Temporary fax and telephone equipment??? Do we need to provide construction office? Weatherproof sheds?

A19: Water will be required as needed, heating as required, ventilation as required, generators can be used as a temporary power source. The contractor should provide data and voice, this may be via mobile device, material storage and office requirements as per revised specification sections.

Q20: Construction signage - do we need to include allowance for it? If it's our cost and we are expected to include it in our price (not as an allowance), we need to know its design. Can it be installed on temporary fence instead of framing support?

A20: Temporary construction fencing should be sufficient to allow for required signage.

Q21: Section 01 71 00 clause 1.9.3 asks for Lot Grade Certificate basically – how can we do it if civil drawings are not provided.

A21: Contractor to ensure sufficient drainage away from the building as per the contract drawings and specifications. Geotechnical report and addendum states minimum drainage requirements.

Q22: Architectural specs conflict with COW in numerous cases – what specs govern?

A22: Most conflicting specifications have been removed. A section was added to the summary of work to dictate which section overrides which. See revised specification sections.

Q23: Section 01 91 13 mentions that commissioning agent should perform commissioning of the project – who is responsible for the cost of his services? COW or contractor?

A23: The contractor is responsible to ensure proper operation of all equipment where applicable. See revised specification sections.

Q24: Architectural specs conflict with COW in numerous cases – what specs govern?

A24: Most conflicting specifications have been removed. A section was added to the summary of work to dictate which section overrides which. See revised specification sections.

Q25: Is concrete sealer required on any slabs? Specs also mention that epoxy floor finish system to be used – is that correct?

A25: Concrete sealer is required as per the specifications, an epoxy floor finish as specified is to be provided on all exposed interior concrete.

Q26: Section 05 50 00 - specs mention bollards but there are none on drawings. Are there any bollards required?

A26: Bollards are required for this project. Please refer to the revised sheet A1.1, A2.1 and revised specification section.

Q27: Section 07 42 46 – specs call for sealed shop drawings needed to be provided – do they really need to be sealed by P. Eng? What's the point? Also, do you have any specific material make and models for the siding? It's very time consuming to find product that would match all the requirements of this spec section.

A27: Sealed shop drawings for this section are not required. Please refer to revised specification section. Provide siding as per specification, James Hardie products and others should be able to meet the requirements laid out in the specifications.

Q28: Paint specifications call for 4L of spare paint to be left for each type of paint and primer used. I'm wondering if this is not too much for this scale of project.

A28: Please refer to specifications. A 4L (1 gal) container is a standard size.

Q29: Section 32 91 21 - 1.3.3 requires testing topsoil for sand clay etc. – who is responsible for it?

A29: Many local soil providers will provide a specific soil mix. The contract administrator will provide approval of material prior to use.

Q30: Do we need 1.8m deep holes for fence posts?

A30: Refer to revised specification section 32 31 13 for further details. Post length is dictated within this section.

Q31: Not enough information to allow locating the building on site, how do we determine final building placement.

A31: As per specifications and contract drawings the final building location is to be approved by the contract administrator. The existing asphalt pad is roughly the size and extent of the building footprint.

Q32: Without civil/lot grading drawings it's hard to tell what grading will need to be done. What can we assume when pricing it?

A32: The rough building location can be laid out on site and it is up to the contractor to ensure sufficient backfill and maintain slope away from building.

Q33: A1.1 – this sheet has two references to civil drawings in top right part of the drawing but civil drawings are missing. Will they be provided at some point?

A33: Civil drawings will not be provided for this project. Please see the revised A1.1 drawing.

Q34: Is there any finishing needed on the exterior side of grade beam where it is exposed?

A34: The exterior side of the grade beam is to be left exposed as shown on the contract documents. The contractor is to ensure drainage away from the building as per drawings and specifications.

Q35: Roof windows – rough openings are listed to be 635 x 505 and truss spacing is 610mm on centre which means that these windows won't fit in between the trusses as the clear space available is 610-38=572. If we keep window sizes as is

then the only way to fit them in is to have trusses spaced at some non-standard spacing which complicates things. We can avoid doing it by reducing window width by few inches. Please advise what do you think about it.

A35: Refer to contract drawings, the window width is shown as 505mm allowing for sufficient space.

Q36: Concrete floor epoxy finish – I contacted contractor who does this kind of work and they requested more details on specs. Specs currently mention only this: Concrete floor smooth. INT. 3.2D – Polyurethane Pigmented finish over epoxy. Premium Grade.

A36: The concrete floor finish is as per the specifications. The code given refers to a Master Painters Institute specification for a product type. The MPI manual also has an approved product list to reference. The color is to be approved by the contract administrator.