



Addendum No. 04

TECHNICAL ADDENDUM

The following changes in the tender documents are effective immediately. This addendum will form part of the contract documents.

1 DRAWINGS

1. None to be issued

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2 SPECIFICATION

1. Refer to Section 26 56 19 – Site Lighting Controls:
 - a. Item 2.3.1.1 Maximum watt shall be 750W.
 - b. Item 2.3.1.3 Lumen output shall be 85,000 maintained.
 - c. Add Item 2.3.1.9: Provide eyelids on each LED Luminaire to diminish all glare.
2. Refer to Section 26 32 13.04 – Natural Gas Generating Units:
Revise as follows:
 - a. Item 2.18.13 Provide 100A panel in lieu of 60A panel.

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3 TENDER INQUIRY

1. Regarding Spec Section 26 32 13.04 NATURAL GAS GENERATING UNITS: Is the desired generator for this project a standard, factory skin-tight enclosure? There are numerous items (as detailed below) that indicate that a completely custom enclosure is required. Please confirm.

Comply with Item 2.18.1 with ‘tight fitting’ synonymous with ‘skin tight’.

2. Item 2.2.1.8: “Duty rating: full load continuous plus 10% overload for 1 hour in every 12 hours period.”

Please confirm that duty rating is to be continuous. A larger genset is required to accommodate this.

Duty rating: standby without overload.

3. Item 2.4.4 “Support baseplate on spring type isolating fixtures from welded side brackets”

Are elastomeric pads acceptable in lieu of Spring Isolators? Elastomeric pads installed between skid and concrete. Please confirm requirement for spring isolators.



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Delete Items 2.4.4, 2.4.5 and 2.4.6 replacing same with ‘Provide manufacture approved elastomeric pads installed between the skid and concrete pad and required skirting to prevent moisture (snow or rain) from entering the enclosure at the base.

4. Item 2.5.6 “lubricating oil pressure gauge, lubricating oil temperature gauge, tachometer, coolant temperature gauge,”

All analog gauge functions are performed by the digital genset controller. The controller can be programmable to ‘scroll’ and display these values (Up to 20 values can be displayed and these values will scroll at a delay time specified by the user). Will you accept these functions displayed on the genset controller display in lieu of gauges? (Gauges are also detailed in 2.5.12) Gauges are a completely customized option that will add significant cost.

Delete Item 2.5.6.

5. Item 2.5.6 “exhaust pyrometer”

This item is generally only seen on prime power generators. This accessory is not standard and will add significant cost. Is there a particular reason an exhaust pyrometer is required in this application?

Delete Item 2.5.6.

6. Item 2.5.12.2 “Lubricating oil temperature”

As a standard, the generator temperature is obtained from the coolant temperature monitoring system. There is no standard instrumentation provided from the factory that includes oil temperature monitoring. Will you accept only coolant temperature monitoring? Additional instrumentation is completely custom and will add significant cost.

Delete Item 2.5.12.2.

7. Item 2.6.5.4 “Thermostat to modulate inlet and outlet dampers to maintain set room temperature.”

Typical standby generator applications do not include modulating louvers. Further, standard “skin-tight” factory enclosures include non-modulating, motorized louvers. (Spring Open – Power Close). Will you accept standard non-modulating louvers from the factory?

Delete Items 2.6.5.4 and 2.6.5.5

8. Item 2.17.1.1 “The base shall permit skidding in any direction”

Standard factory enclosures must be set in place and do not permit “skidding”. Skid-type bases are completely custom made and are generally seen on equipment/generators used in the oil field as the equipment is moved frequently by winch trucks. Please confirm if a rugged, oil field type skid is required.

Comply with Item 2.17.1.1, given ‘The base shall permit skidding in any direction during installation....’. Thereafter the installation becomes permanent.

9. Item 2.18.17 “90° (degree) snow hoods are required over all motorized damper assemblies to prevent the accumulation of snow and ice on the damper blades”

Our standard louvers are oriented in such a way that snow hoods aren’t required. The accumulation of snow and ice on the damper blades is not possible due to both the location and



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orientation (vertical) of the dampers. Will you accept our standard configuration? (Drawing provided)

Comply with Item 2.18.17.

10. Item 2.18.20 "68 dBA @ 7m"

Our most sound attenuated factory option is 72.7dBA. Will you accept this?

Comply with Item 2.18.20.

NOTE: Item 2.18.22: Witness test shall be four (4) hour duration under varying load conditions and to manufactures test procedures and recommendations. Test location can be in Winnipeg or manufacture facility. Carry all costs for one (1) person (consultant) to attend.

11. Item 2.22.6 "test the unit for 24 hours at full rated load"

Is a 24 hour load test required? This is an incredibly long test that will add significant cost due to the additional personnel required. Would you consider a 4hr test as required by CSA282?

Comply with Item 2.22.6 with same conducted on the field. Delete reference to ' in ambient room temperature of 40 degree C.'

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