PART A BID SUBMISSION

FORM A: BID (See B7)

| 1. | Project Title | SUPPLY & DELIVERY O | OF CEMENT MIXER TRUCK | S |
|----|--------------------------------|---|--|---------------------|
| 2. | Bidder | | | |
| | | Name of Bidder | | |
| | | Street | | |
| | | City | Province | Postal Code |
| | (Mailing address if different) | Street or P.O. Box | | |
| | | City | Province | Postal Code |
| | | The Bidder is: | | |
| | (Choose one) | a sole proprietor | | |
| | | a partnership | | |
| | | a corporation | | |
| | | carrying on business und | er the above name. | |
| 3. | Contact Person | The Bidder hereby authorithe Bidder for purposes of | orizes the following contact pof the Bid. | person to represent |
| | | Contact Person | Title | |
| | | Telephone Number | Facsimile Number | e-mail address |
| 4. | Definitions | | sed in the Contract shall h General Conditions and D3.1 | |
| 5. | Offer | | s to perform the Work in a in Canadian funds, set out | |
| 6. | Commencement of the Work | | no Work shall commence untizing the commencement of | |

| 7. | Contract | The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid Submission. |
|-----|------------|--|
| 8. | Addenda | The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract: |
| | | No Dated |
| | | |
| | | |
| 9. | Time | This offer shall be open for acceptance, binding and irrevocable for a period of sixty (60) Calendar Days following the Submission Deadline. |
| 10. | Signatures | In witness whereof the Bidder or the Bidder's authorized official or officials have signed this |
| | | , 20 |
| | | Signature of Bidder or Bidder's Authorized Official or Officials |
| | | · |
| | | (Print here name and official capacity of individual whose signature appears above) |
| | | |
| | | (Print here name and official capacity of individual whose signature appears above |

FORM B: PRICES

(See B8)

SUPPLY & DELIVERY OF CEMENT MIXER TRUCKS

| ITEM NO. | DESCRIPTION | SPEC. REF. | UNIT | APPROX. QUANTITY | UNIT PRICE | AMOUNT | |
|---|---|---------------|------|---------------------|---------------|--------|--|
| 1 | Supply & Delivery of Cement Mixer Trucks | 07007 | Each | (6) | \$ | \$ | |
| 2 | Operator's Manual for Item 1 | 07007 | Each | (6) | \$ | \$ | |
| 3 | Technical Service & Parts manuals | 07007 | Each | (2) Sets | \$ | \$ | |
| TOTAL BID PRICE (GST and PST extra) (in figures) \$ | | | | | | | |
| | | | | | | | |

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 07007

CEMENT MIXER TRUCKS

(Street Maintenance)

1.0 <u>SCOPE</u>

- 1.1 The Supply & Delivery of Cement Mixer Trucks shall be 2007 or 2008 model year. The vehicles shall be furnished complete and ready for use by the Contractor. All parts not specifically mentioned but which are required to complete and place the vehicle into successful operation shall be furnished as though specifically mentioned in these specifications.
- 1.2 The Cement Mixer Trucks shall be furnished complete and ready for use. All parts not specifically mentioned, but which are required to complete and place the units in successful operation, shall be furnished as though specifically mentioned in these specifications. The complete units, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry.
- 1.3 It will be the responsibility of the Bidder to inform the City of any deficiencies in these specifications, for under this Contract the Contractor shall be held responsible for the design, performance, reliability and satisfactory operational function of the units.
- 1.4 The ratings specified herein merely state the minimum values acceptable to the City. There is no intent of implying that these values are sufficient for the design of the unit being bid.

2.0 STANDARDS

- 2.1 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.
- 2.2 The completed unit and all its components shall comply with all C.M.V.S.S. Canadian Motor Vehicle Safety Standards, M.H.T.A. Manitoba Highway Traffic Act, S.S.A Safety Standards Act, F.M.V.S.S Federal Motor Vehicle Safety Standards, D.O.T Department of Transportation, regulations and requirements including, but not limited to, a Manitoba Government Inspection with Safety Sticker on the driver's side window.

3.0 QUALIFICATIONS OF MANUFACTURER / CONTRACTOR

- 3.1 The Contractor shall be an authorized distributor/supplier of the equipment being bid.
- 3.2 The Contractor shall have an authorized service facility located within 10 km of the boundaries of the City of Winnipeg. The facility, or a portion thereof, shall be dedicated to the service and maintenance of the equipment being offered. Further to B9.1, Bidders shall provide a description of the service facility including, but not limited to, number of qualified service staff, years of service experience of the equipment being offered, and general service capabilities. A description of the service facility shall be provided within 3-calendar days upon request of the Contract Administrator.
- 3.3 If a suitable warranty facility is not available within 10 km of the boundaries of the City of Winnipeg, the Bidder may propose that warranty work be performed by the City of Winnipeg Repair Facility. Any Work performed by the City of Winnipeg Repair Facility shall be charged to the Contractor at the Facility's shop rate in effect at the time the work is performed (for example, shop rate for 2007: \$80.00/hour regular time, \$105.00/hr overtime and callout.

4.0 <u>INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS</u>

- 4.1 All items in these specifications must be answered indicating compliance or non-compliance. Bidders shall state "yes" for compliance or state deviation, or give a reply where requested to do so. Deviations shall be clearly stated and fully detailed. Alternatives will be considered subject to evaluation.
- 4.2.1 Each bidder is required to fill in every blank. Failure to do so may be used as a basis for rejection of bid.

| 5.0 | CHASSIS SPECIFIC | ATIONS- | |
|------|--------------------------|---|--|
| 5.1 | Total GVWR | 60,000 lbs. GVWR | |
| 5.2 | Front GVWR | 20,000 lbs. GVWR minimum | |
| 5.3 | Rear GVWR | 40,000 lbs. GVWR minimum | |
| 6.0 | DIMENSIONS- | | |
| 6.1 | Cab to Axle | As required for a London 65 Series Cement Mixer body. State CA- | |
| 6.2 | Wheelbase | As required for a London 65 Series Cement Mixer body. State WB- | |
| 6.3 | Turning radius | State turning radius- | |
| 7.0 | ENGINE- | | |
| 7.1 | Туре | Diesel, inline 6-cylinder. State make & model- | |
| 7.2 | Horsepower | 330 HP gross minimum | |
| 7.3 | Torque | 1000 lb-ft minimum | |
| 7.4 | Engine shut down | Low oil pressure / high water temperature | |
| 7.5 | Anti-idling programmi | ing Required to shut engine off after 15-minutes | |
| 7.6 | Air intake warmer | Required | |
| 7.7 | Fuel Shut-off | Electric solenoid type | |
| 7.8 | Air intake | Suitable for Cement Mixer Application | |
| 7.9 | Air cleaner | Dry type, suitable for Cement Mixer Application | |
| 7.10 | Air intake restriction i | nd. Dash mounted restriction indicator | |
| 7.11 | Oil drain plug | Magnetic type | |
| 7.12 | Oil filter | Full flow, spin-on type | |
| 7.13 | Fuel filter | Spin-on type | |

| 7.14 | Fuel/water separator | Heated, drainable, mounted under hood, located to be protected from road spray. State location- | |
|------------|---|---|--|
| 7.15 | Block heater | Immersion type, 110V/1000 Watt minimum with covered recessed male plug, located under driver's side door | |
| 7.16 | Oil Pan heater | 120V/300 watt minimum | |
| 7.17 | Coolant | Heavy-Duty ntifreeze to -35°F (-37°C) | |
| 7.18 | Coolant hoses | Premium or Gates Blue Stripe | |
| 7.19 | Fan Drive | Thermostatically controlled, automatic type | |
| 7.20 | Air compressor | Water cooled, pressure lubricated, minimum 18.7 cfm | |
| 7.21 | PTO Provision | Front engine PTO with adapter plate | |
| 7.22 | Exhaust Brake | Exhaust brake required. State make & model- | |
| | | | |
| 8.0 | ELECTRICAL SYSTE | <u>M-</u> | |
| 8.1 | Electrical connectors | Plug-in, sealed type | |
| 8.2 | Alternator | Brushless type, 140 Amp minimums. State make & model | |
| 8.3 | Starter | State make & model- | |
| 8.4 | Circuit breakers | Auto-reset, readily accessible | |
| 8.5 | Batteries | Three (3), minimum total 2100 CCA combined | |
| 8.6 | Battery Box | Aluminium, mounted under cab or steps c/w enclosure. State location- | |
| 8.7 | | | |
| | Battery disconnect | In-cab or frame mounted. State location- | |
| 8.8 | Battery disconnect Battery boost terminal | In-cab or frame mounted. State location- Remote battery boost terminal(s), protected from road spray, covered. State location- | |
| 8.8 8.9 | • | Remote battery boost terminal(s), protected from | |
| | Battery boost terminal | Remote battery boost terminal(s), protected from road spray, covered. State location- | |
| 8.9 | Battery boost terminal Cab marker lights | Remote battery boost terminal(s), protected from road spray, covered. State location- LED required. Routed to end of frame plus 3 extra feet of wiring, c/w 6-pole plastic socket. Wiring shall be circuit breaker protected, wired separately from main | |

| 9.0 | EXHAUST SYSTEM- | | |
|------|------------------------|---|-----------|
| 9.1 | Configuration | Stationary extreme outboard single right hand, chrome vertical discharge on passenger side, under frame routing, vertical portion cab mounted. Discharge tip shall be curved. | |
| 9.2 | Overall exhaust height | As recommended for Cement Mixer Body. Exact height to be determined upon pre-production meet | |
| 9.3 | Heat shield | Required over exhaust next to cab door | |
| 10.0 | TRANSMISSION- | | |
| 10.1 | Model | Allison automatic with 6-speed programming and synthetic transmission fluid. State make & model_of transmission- | |
| 10.2 | Shift selector | Digital push-button type, dash mounted | |
| 10.3 | Cooling capacity | Water to oil transmission cooler, as per manufacturer's recommendation for severeduty cycle | |
| 10.4 | Oil level dipstick | Bayonet type with high and low level markings | |
| 10.5 | Trans. drain plug | Magnetic type | |
| 10.6 | Ground speed signal | Ground speed signal provision required | |
| 11.0 | FRONT AXLE- | | |
| 11.1 | Туре | 20,000 lbs. capacity minimum | |
| 12.0 | REAR AXLE- | | |
| 12.1 | Туре | 40,000 lbs. capacity minimum | |
| 12.2 | Ratio | 6.17 Rear Axle (recommended for City use) | |
| 12.3 | Inter-axle lock | Required w/dash mounted switch | |
| 12.4 | Differential lock | Required for both drive axles w/dash mtd. switch | <u></u> _ |
| 12.5 | Axle Spacing | 54" rear axle spacing | |
| 13.0 | HUBS & SEALS- | | |
| 13.1 | Type | Oil lubricated front and rear | |
| 13.2 | Axle Fluids | Synthetic Fluids | |
| 13.3 | Hubs | Aluminium Hubs Front & Rear | |

| 14.0 | FRONT SUSPENSION | <u> </u> | |
|---|--|--|-----------|
| 14.1 | Туре | Multi-leaf spring suspension, 20,000 lbs. capacity minimum | |
| 15.0 | REAR SUSPENSION- | | |
| 15.1 | Туре | 40,000 Rubber block type suspension suitable for cement mixer application. State make and model- | |
| 16.0 | RIMS, WHEELS- | | |
| 16.1 | Front | 22.5 x 12.25 aluminium, hub piloted | |
| 16.2 | Rear | 22.5 x 8.25 aluminium, hub piloted | |
| 16.3 | Wheel nut indicators | Required on all wheel nuts | |
| | | | |
| 17.0 | TIRES, FRONT | | |
| 17.1 | Make & Model | State make & model of tires- | |
| 17.2 | Size | 445/65R 22.5, 20-ply (rated for request GVWR) | |
| | | | |
| 18.0 | TIRES, REAR- | | |
| 18.1 | Make & Model | State make & model of tires- | <u></u> _ |
| 18.2 | Size | 11R 22.5, 16-ply minimum (rated for request GVWR) | 1 |
| | | | |
| 19 N | FRAMF- | | |
| 19.0 19.1 | FRAME- Type | RBM suitable for requested GVWR outside frame clear | |
| | · | RBM suitable for requested GVWR outside | |
| 19.1 | Туре | RBM suitable for requested GVWR outside frame clear Suitable for cement mixer application body | |
| 19.1 19.2 | Type Application | RBM suitable for requested GVWR outside frame clear Suitable for cement mixer application body installation | |
| 19.1 19.2 19.3 | Type Application Chassis fasteners | RBM suitable for requested GVWR outside frame clear Suitable for cement mixer application body installation Huck bolted frame fasteners | |
| 19.1 19.2 19.3 19.4 | Type Application Chassis fasteners Front frame extension | RBM suitable for requested GVWR outside frame clear Suitable for cement mixer application body installation Huck bolted frame fasteners Integral type, 18 in. minimum. State length-As required for requested cement mixer body | |
| 19.1 19.2 19.3 19.4 19.5 | Type Application Chassis fasteners Front frame extension After-frame | RBM suitable for requested GVWR outside frame clear Suitable for cement mixer application body installation Huck bolted frame fasteners Integral type, 18 in. minimum. State length-As required for requested cement mixer body installation | |
| 19.1 19.2 19.3 19.4 19.5 | Type Application Chassis fasteners Front frame extension After-frame | RBM suitable for requested GVWR outside frame clear Suitable for cement mixer application body installation Huck bolted frame fasteners Integral type, 18 in. minimum. State length-As required for requested cement mixer body installation | |
| 19.1 19.2 19.3 19.4 19.5 | Type Application Chassis fasteners Front frame extension After-frame Rear Tow Hooks | RBM suitable for requested GVWR outside frame clear Suitable for cement mixer application body installation Huck bolted frame fasteners Integral type, 18 in. minimum. State length-As required for requested cement mixer body installation | |
| 19.1 19.2 19.3 19.4 19.5 19.6 | Type Application Chassis fasteners Front frame extension After-frame Rear Tow Hooks STEERING- | RBM suitable for requested GVWR outside frame clear Suitable for cement mixer application body installation Huck bolted frame fasteners Integral type, 18 in. minimum. State length-As required for requested cement mixer body installation Required Heavy-Duty Power suitable for request front | |
| 19.1 19.2 19.3 19.4 19.5 19.6 20.0 20.1 | Type Application Chassis fasteners Front frame extension After-frame Rear Tow Hooks STEERING- Type | RBM suitable for requested GVWR outside frame clear Suitable for cement mixer application body installation Huck bolted frame fasteners Integral type, 18 in. minimum. State length-As required for requested cement mixer body installation Required Heavy-Duty Power suitable for request front | |

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|--------|---|---|--------------------------------|
| 21.2 | Slack adjusters | (clearance sensing), automatic type | |
| 21.2.1 | Indicators | Visual Brake Stroke Indicators' 'Tattle-Tale" style required on all brakes. State make & Model- | |
| 21.3 | Parking brake | Spring set, four (4) chamber system | |
| 21.4 | Brake pots | Vented type | |
| 21.5 | Dust shields | Required, front and rear | |
| 21.6 | Drain valves | Manual, chain or cable operated, required on each air tank. | |
| 21.7 | Air Tanks | All tanks to be polished aluminium | |
| 21.8 | Air dryer | Bendix AD-IS air dryer. State location- | |
| 22.0 | FUEL TANK- | | |
| 22.1 | Type | Aluminium 70-gallon minimum capacity, mounted as per cement mixer body requirements. | |
| 22.2 | Tank straps | Aluminium or stainless steel straps with minimum 1/16 in. rubber or neoprene isolators to prevent galvanic corrosion. | |
| 23.0 | CAB- | | |
| 23.1 | Туре | Conventional w/corrosion inhibitor | |
| 23.2 | Construction | Aluminium or Galvanized steel construction meant for severe-duty cement mixer application. | |
| 23.3 | Front axle to BOC | State- | |
| 23.4 | Hood | Must have Rubber fender lips minimum 2" width | |
| 23.5 | Cab mounts | Air suspension | |
| 23.6 | Front grille | Stationary type. State material- | |
| 23.7 | Cab interior / trim | Extreme climate insulation including cloth or vinyl headliner on roof, door panels and rear interior of cab | |
| 23.8 | Cab silencer package | Required for minimal decibel levels | |
| 23.9 | Hood/Firewall/Engine | Insulated hood liner, engine cover and firewall | |
| 23.10 | Floor covering | Rubber mat with under-padding | |
| 23.11 | Floor mats | Two (2), rubber | |
| 23.12 | Driver's seat | High back, air suspension w/foldable armrests, heavy-duty cloth upholstery. State material- | |
| 23.13 | Passenger seat | High back, air suspension w/foldable armrests, heavy-duty cloth upholstery. State material- | |
| 23.14 | Sun visors | Dual flip-up type | |
| | | | |

Tilt and telescopic type

23.15 Steering wheel

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| Template Version | : G320040301 | | |
|------------------|------------------------|---|---------|
| 23.16 | 12-Volt power outlet | Required with independent circuit | |
| 23.17 | Radio | Factory installed AM/FM/CD with Weather Band | |
| 23.18 | Starter switch | Key operated c/w three (3) sets of keys | |
| 23.19 | Interior light | Dome light with driver and passenger door switches | |
| 23.20 | Heater / Defroster | High output, capable of keeping all windows clear at an outside temperature of -35°F (-37°C) | |
| 23.21 | Air conditioning | Required | |
| 23.22 | Horns | Dual Air Horns with single electric horn. | |
| 23.23 | Exterior mirrors | Dual polycarbonate unpainted aerodynamic or stainless steel mirrors with convex mirrors, heated, 2-way motor-ized adjustment (including heated convex mirrors), suitable for 102 in equipment width | ı. |
| 23.24 | Down-view mirror | Required over passenger door, 5" x 4" approx. | |
| 23.25 | Windows & windshield | Tinted | |
| 23.26 | Power windows | Required for driver and passenger side. | |
| 23.27 | Fresnel Windows | Passenger door | |
| 23.28 | Windshield wipers | Electric, intermittent | <u></u> |
| 23.29 | Wiper blades | State blade type- | |
| 23.30 | Windshield washers | Electric, required with spray nozzles on wiper blades | |
| 23.31 | Grab handle | Driver side Anti-slip exterior | |
| 23.32 | Entrance steps | Dual each side, open grate / grip type | |
| 23.33 | Licence Plate | Must have front and rear licence plate brackets | |
| 24.0 | INSTRUMENTATION- | | |
| 24.1 | Oil pressure | Gauge | |
| 24.2 | Coolant temperature | Gauge | |
| 24.3 | Transmission oil temp. | • | |
| 24.4 | LOP/HWT | Warning light and buzzer | |
| 24.5 | Voltmeter | Gauge | |
| 24.6 | Air reservoir pressure | Gauge with LAP warning light and buzzer | |
| 24.7 | Engine hour-meter | Required, non-resetable type | |
| 25.0 | TOW HOOKS | | |
| 25.0 | TOW HOOKS- | Front mounted | |
| 25.1 | Location | Front mounted | |

| 26.0 | FRONT BUMPER- | |
|------|------------------------|---|
| 26.1 | Туре | Aluminium front bumper |
| 27.0 | COLOUR- | |
| 27.1 | Exterior | White |
| 27.2 | Interior | Blue or grey |
| 27.3 | Frame & suspension | Primed and finished with black Imron 5000 paint |
| 27.4 | Wheels | Aluminium |
| | | |
| 28.0 | ACCESSORIES- | |
| 28.1 | Flare kit | Three (3) triangular reflectors, CVSA approved |
| 28.2 | Fire Extinguisher | 10 lbs. Fire Extinguisher CVSA approved |
| 28.3 | First Aid Kit | Required in Cab |
| | | |
| 29.0 | CHASSIS WARRANT | <u>Y-</u> |
| 29.1 | Basic vehicle | Two (2) years, 240,000 km |
| 29.2 | Batteries | One (1) year, unlimited km |
| 29.3 | Drive train | Two (2) years, unlimited km |
| 29.4 | Cab structure/corrosio | n Three (3) years, unlimited km |
| 29.5 | Frame & cross member | ers Five (5) years, unlimited km |
| 29.6 | Cab paint | One (1) year or 100 000 km |
| 29.7 | Engine | Six (6) years or 400,000 km |
| 29.8 | Transmission | Five (5) year, unlimited km |
| 29.9 | Axles, front & rear | Three (3) years or 240 000 km |
| | | |
| | | |
| | | |
| 30.0 | MIXER - ELIGIBLE M | ODEL LONDON SERIES 65 OR EQUIVALENT IN ACCORDANCE WITH |
| | B.5 SUBSTITUTES S | TATED HEREIN. |
| | | |
| 30.1 | MIXER- | Mixer 6.5 m3 |
| 30.2 | | 1/4" spun drum head; 48" inside reinforcing plate; 3/16 Londox 220 wear resistant (high manganese, low carbon) Steel drum shell welded 100% inside and out; 3/16 Londox 220 blades with hard surface lips; solid wire welded seams; solid steel drum track machined inside taper and out square; 43" discharge opening; auxiliary surge fins; 16 X 22.5 "bolt |

| | | on oval inspection hatch. | |
|-------|-----------------|--|--|
| 30.3 | FRONT PEDESTAL- | Fully enclosed Cor Ten "A" front pedestal incorporating a 15 gallon easy clean hydraulic oil reservoir. Flared lower front and rear flanges to distribute load. | |
| 30.4 | REAR PEDESTAL- | Easy to clean enclosed rear pedestal with service access to the drum rolls and standard "knee brace'. Pedestals constructed of CorTen "A" corrosion resistant steel. Fully welded swivel support integrated through pedestal frame | |
| 30.5 | TRANSMISSION- | Model ZF PK7500 right angle / planetary direct drive; 138.6:1 reduction; 53,104 ft lb output torque capacity. Mounted to machined drum flange by 24 grade 8 bolts and to machined pedestal deck pads by 6 grade 8 bolts. | |
| 30.6 | HYDROSTATIC- | Eaton heavy duty 5.4 cubic inch variable displacement piston pump with built in 5500 psi relief valve; Eaton heavy duty 4.6 cubic inch displacement motor; speed and direction of the drum rotation controlled from the cab and on the rear pendant; 10 micron suction filter; heavy duty front mounted oil cooler with guard. | |
| 30.7 | WATER SYSTEM- | 125 gallon, side mounted water tank; (3) three position fill, dump and hold valve; high pressure relief valve; pressure regulating valve; off set sight gauge; 4" diameter spring loaded flapper valve; 1' rear water injection line; 25 foot wash down hose with pistol grip spray nozzle. Blow out and drain provision for winter operation. | |
| 30.8 | DRUM ROLLERS- | CM1035 alloy steel drum roller; tapered roller bearings; double sealed; centre shaft lubrication; roller surfaced hardened to Rockwell C45. Full width rear drum roll guard. | |
| 30.9 | CHARGE HOPPER- | 38" X 30" top opening; 19" minimum throat dimension. | |
| 30.10 | REAR LADDER- | Non skid ladder rungs and platform base; fold down ladder extension; ladder rungs align for safety when folded . Double guard rail on extra large top platform. | |
| 30.11 | CONTROLS- | Electro-hydraulic mix-discharge control in cab and at rear of mixer on 20' quick disconnect cable; electric. truck engine throttle at rear of mixer (switch for electric engines); chute raise and lower hydraulic control valve rear of mixer. | |
| 30.12 | CHUTES- | Paving type main chute with safety hand grabs and hinged fold over with lock; (3) three 48" extension chutes for 20 feet total length; positive seven position pin lock with 7/8" replaceable hole plate. | |

The City of Winnipeg Bid Submission Bid Opportunity No. 132-2007 Page 13 of 14 30.13 **CHUTE HOIST-**(2) 1/2" double acting hydraulic cylinder, 3000 psi rated; A-pad gear pump mounted on the Eaton hydrostatic pump; manual control valve located at the rear of mixer with integral relief and flow regulating valve. 14 ga. Heavy duty roll formed fenders with stainless steel 30.14 FENDERShardware and rubber washers; full tandem length with powder coated CorTen "A" centre and end supports. Mud flaps front and rear. 30.15 LIGHTS-Trucklite brand clearance, marker and identification lamps with integral reflectors in accordance with FMVSS. Trucklite sealed junctions box and armour shielded wring harness. Midship light is combination clearance /signal. 30.16 SLUMP GAUGE-Slump meter shall be high visibility with adjustable pointer. 30.17 FRAME TARP-Acid resistant frame tarp located under drum 30.18 **REAR LIGHTING-**Dual rear working lights, sealed beam floodlights Air operated with infinite positioning with in cab and 30.19 CHUTE LOCKexterior controller. 30.20 PAINTING-Mixer and components shot blasted prior to prime painting. All components painted prior to assemble. Top coat one color Dupont Imron 2 part polyurethane. Tie down angles, fender mounting brackets and water tank cradles are powder coated black. Water tank straps to be black plastic dipped. 31.0 **DELIVERY-**31.1 All equipment shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid to the City of Winnipeg, Fleet Management Agency Office, 185 Tecumseh Avenue, Winnipeg, Manitoba no later than July 3rd, 2007. The Contractor shall contact the Contract Administrator prior to delivery of the equipment. Equipment shall be delivered within 8:00 am and 3:00 pm on Business Days. 31.2 The Contractor shall fax all vehicle serial numbers, hours/mileage to the Contract Administrator one (1) calendar week prior to delivery. 31.3 A pre-delivery inspection shall be performed by the Contractor on all equipment.

32.0

32.1

INSTALLATION

reamed to fit bolts.

32.1.1 Drilling on chassis frame flanges is not permitted.

Any holes required in the chassis frame web must be drilled and

| 32.1.2 | Weldin | g on the chassis frame is not permitted. | | | | |
|--------|--|---|--|--|--|--|
| | | | | | | |
| 33.0 | MANUALS | | | | | |
| 33.1 | specific Genera the co | Is supplied under this contract shall be in English and shall be cally for the <u>cab & chassis and cement mixer body</u> all purpose manuals are <u>not acceptable</u> . The manuals shall cover mplete equipment including all components thereof, CD software ne preferred where available. | | | | |
| 33.2 | The fol | lowing manuals shall be supplied with the units when delivered: | | | | |
| | i) | Operator's manual – one (1) per unit plus one (1) additional manual. | | | | |
| | ii) | Technical Parts and service manuals – two (2) complete set inclupreventative maintenance schedules. CDs are preferred. | ding ———————————————————————————————————— | | | |
| | iii) | Engine Diagnostic Software CD preferred | | | | |
| 34.0 | TRAIN | <u>ING</u> | | | | |
| 34.1 | The Co by qua be con Each s provide satisfac conduct Contra | | | | | |
| 34.2 | State if | other training aids (videos, CDs) are available. | | | | |
| 35.0 | WARR | <u>ANTY</u> | | | | |
| 35.1 | and all and mamileage association during by neg at no c | parranty for the entire unit shall cover the complete equipment, parts thereof against any defects of workmanship, construction aterials, for a period of not less than two (2) years, unlimited to enchassis, (1) unlimited hours on mixer body and ated equipment. Any article that has become defective said warranty period and has not proven to have been caused ligence on the part of the user shall be repaired or replaced ost to the City. The warranty shall be effective from the date uipment is put into service by the City of Winnipeg. | | | | |