## FORM A: BID (See B8)

1.	Contract Title	SUPPLY AND INSTALL	ATION OF 9' X 8' DUMP BOD	IES	
2.	Bidder				
		Name of Bidder			
		Usual Business Name of Bidde	Usual Business Name of Bidder as it appears on Invoice (if different from above)		
		Street			
		City	Province	Postal Code	
	(Mailing address if different)	Email Address of Bidder			
		Facsimile Number			
		Street or P.O. Box			
		City	Province	Postal Code	
	(Choose one)	GST Registration Number (if a	oplicable)		
		The Bidder is:			
		a sole proprietor			
		a partnership			
		a corporation			
		carrying on business und	ler the above name.		
3.	Contact Person	The Bidder hereby authors the Bidder for purposes of the Bidder for purpose	prizes the following contact po of the Bid.	erson to represent	
		Contact Person	Title	<u></u>	
		Telephone Number	Facsimile Number		
		Email Address			
4.	Definitions		sed in the Contract shall ha General Conditions and D3.	ave the meanings	

- 5. Offer The Bidder hereby offers to perform the Work in accordance with the Contract for the price(s), in Canadian funds, set out on Form B: Prices, appended hereto.
- 6. Commencement of the Work The Bidder agrees that no Work shall commence until he/she is in receipt of a notice of award from the Award Authority authorizing the commencement of the Work.
- 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.
- 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.SignaturesThe Bidder or the Bidder's authorized official or officials have signed this

\_\_\_\_\_ day of \_\_\_\_\_ , 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 B9)

# SUPPLY AND INSTALLATION OF 9' X 8' DUMP BODIES

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	9' x 8' Dump Body	13072	Each	7	

Name of Bidder

## FORM N: DETAILED SPECIFICATIONS 13072

#### SUPPLY AND INSTALLATION OF 9' x 8' DUMP BODIES

#### 1.0 DESCRIPTION OF EQUIPMENT

- 1.1 These specifications describe the supply and installation of <u>9' x 8' Dump Bodies</u> and other equipment and features as specified herein.
- 1.2 The <u>9' x 8' Dump Bodies</u> shall be a new, 2013 model year or newer.
- 1.3 The **9' x 8' Dump Bodies** and all other items/components shall be the manufacturer's latest model. The equipment shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the equipment and associated attachments in successful operation shall be furnished as though specifically mentioned in these specifications. The equipment and associated attachments, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry.

#### 2.0 OTHER SPECIFICATIONS AND 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 <u>9' x 8' Dump Bodies</u> shall comply with the applicable regulations:

Highway Traffic Act = <u>http://web2.gov.mb.ca/laws/statutes/ccsm/h060e.pHP</u>

Manitoba Motor Vehicle Act = <u>http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/menu.htm</u>

Canadian Motor Vehicle Safety Standards, CMVSS = <u>http://www.gnb.ca/0062/regs/83-163.htm</u>

Transport Canada = <u>http://laws.justice.gc.ca/en/notice/index.html?redirect=%2Fen%2FM-</u>10.01%2F250448.html

National Safety Mark, NSM = <u>http://www.tc.gc.ca/actsregulations/</u> GENERAL/M/mvsa/regulations/mvsrg/001/mvsr3-5.html

City of Winnipeg Lighting Standard http://winnipeg.ca/matmgt/pdfs/PublicWorksEquipLightingVisibility.pdf

Manitoba/Winnipeg Safety and Health Act, Parts 12, 22 = <a href="http://web2.gov.mb.ca/laws/statutes/ccsm/w210e.pHP">http://web2.gov.mb.ca/laws/statutes/ccsm/w210e.pHP</a> and <a href="http://www.gov.mb.ca/labour/safety/">http://web2.gov.mb.ca/labour/safety/</a>

Canadian Standards Association, CSA = http://www.csa.ca/about/Default.asp?language=english

Under Writers of Canada, U/L = <u>http://www.ulc.ca/</u>

Society of Automotive Engineers, SAE = <a href="http://en.wikipedia.org/wiki/Society">http://en.wikipedia.org/wiki/Society</a> of Automotive Engineers

2.3 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.

# 3.0 PERFORMANCE

3.1 The dump body shall be capable of consistent top performance for hauling up to 6,000 lbs. of varying payloads during the summer and winter environments which are normal to the City of Winnipeg.

#### 4.0 SERVICE FACILITY

4.1 For the purpose of warranty repairs, the Bidder 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 type equipment being offered. Bidders shall provide a description of the service facility including, but not limited to, number of qualified service staff, years of service experience, and general service capabilities within three (3) Business Days upon request of the Contract Administrator.

## 5.0 <u>REFERENCES</u>

5.1 Provide five (5) Canadian references where this equipment in used in a working environment where climatic conditions are similar to the City of Winnipeg

# 6.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

- 6.1 Each bid will be evaluated based on adherence to all terms, conditions and requirements outlined in the Bid Opportunity package.
- 6.2 All items in these specifications must be answered indicating compliance or non-compliance. BIDDERS SHALL STATE "YES" FOR COMPLIANCE OR STATE DEVIATION, or give reply where requested to do so. Deviations shall be clearly stated and fully detailed. Alternatives will be considered subject to evaluation.
- 6.3 EACH BIDDER IS REQUIRED TO FILL IN EVERY BLANK. FAILURE TO DO SO MAY BE USED AS A BASIS FOR REJECTION OF BID.

#### 7.0 PERFORMANCE RELIABILITY

- 7.1 The responsibility for the design of the dump bodies and associated, its performance and reliability shall rest upon the Contractor.
- 7.2 The term "repeated failures" as used herein is defined to mean that the same component, subassembly, or assembly develops repeated defects, breakdowns and/or malfunctions rendering the vehicle inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, subassembly, of assembly. Minor items or ordinary service adjustments are not included, or considered under the scope of "repeated failures", as well as other factors, such as operational damage due to accidents, misuse or lack of proper maintenance, service and lubrication attention by not following the manufacturer's preventative maintenance schedule.
- 7.3 Where the dump bodies and associated develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.

7.4 The equipment shall be capable of consistent top performance in City of Winnipeg Environment. Note: The City of Winnipeg has four seasons with ambient temperatures ranging from approximately 90°F (32°C) to -40°F (-40°C).

# 8.0 <u>FUEL</u>

8.1 Where applicable, all equipment must be fully fuelled upon delivery (no exceptions).

## 9.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR

- 9.1 The manufacturer of the dump bodies and associated shall have demonstrated experience manufacturing dump bodies and associated.
- 9.2 The manufacturer shall have in effect a documented quality control program ensuring that the quality of materials and workmanship, including welding, conforms to the best standards and engineering practice of the industry.

## 10.0 NATIONAL SAFETY MARK- (IF APPLICABLE)

10.1 In Canada, modification to new vehicles can only be done at facilities that are recognized by Transport Canada. All of these facilities must have a National Safety Mark from Transport Canada. Transport Canada National Safety Mark is a label that indicates that the modifications are compliant with all current Canadian Motor Vehicle Safety Standards (CMVSS)

## STATE (NSM) #.

# 11.0 MANITOBA SAFETY INSPECTION- (IF APPLICABLE)

11.1 The vehicle shall be complete with a current Manitoba Safety Sticker affixed to the driver's side vent window.

#### 12.0 DUMP BODY – DIMENSIONS

12.1	Length, outside – nominal 9 ft	
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- 12.2 Width, outside to match chassis track width, nominal 8 ft.
- 12.3 Height of sides 12 in. approx. measured from the floor, **state**.
- 12.4 Height of tailgate 18 in. approx. measured from the floor, **state**.
- 12.5 Height of front to match chassis cab height, 44 in. approx.

#### 13.0 MATERIAL

13.1 All material used in construction to be 10 ga. steel, 36,000 psi yield except where otherwise noted.

## 14.0 <u>FRONT</u>

- 14.1 Construction 10 ga. steel, formed construction with vertical or horizontal reinforcement rib(s) formed into front of body as required.
- 14.2 Plasma cut window required for viewing through rear cab window.
- 14.3 Cab shield formed from a single sheet of steel, bolt-on design, 12 in. deep, sloped @ 15° approx.

- 14.4 Sides of cab shield to be  $^{3}/_{16}$  in. plate with heavy duty reinforcement.
- 14.5 Cab shield sides tapered @ 30° to provide adequate clearance for entry and exit of vehicle cab.

#### 15.0 <u>SIDES</u>

- 15.1 Construction 12 ga. steel, fold-down design, clean side style formed sides without vertical reinforcements, formed top rail with a formed, self-cleaning bottom rail, welded into a 1-piece design.
- 15.2 Rear corner pillars 4" x 8" approx., formed or structural, one per side.
- 15.3 Sides shall be able to fold-down for ease of access to payload from the side of the body.
- 15.4 Rubber blocks two (2), one per side, 6"L x 3"H x 3"D approx., required to prevent metal-to-metal contact when sides are in the "down" position.
- 15.5 Lever single positive lever per side actuating front and rear locking pins. Lever shall be located forward of the rear wheels.
- 15.6 Side latch system shall be a positive, over centre cam design rotating over a heavy duty steel pin.
- 15.7 Grease zerks fold-down sides shall incorporate greasable hinges.
- 15.8 Plank gussets designed for 2" x 6" planks, with ½ in. diameter bolt holes.
- 15.8.1 Planks 2" x 6" polyboard, black, installed and bolted in gussets.

#### 16.0 TAILGATE

- 16.1 Shall be a two-way tailgate able to open from the top and bottom.
- 16.1.1 Tailgate shall not protrude above floor in horizontal or full down position.
- 16.1.2 There shall be no gap between tailgate and the floor and sides when tailgate is in the closed or horizontal position.
- 16.2 Construction formed construction, double walled design with inner panel 10 ga. steel, outer panel 12 ga. steel, formed top rail with a formed self-cleaning bottom rail.
- 16.3 Tailgate shall be reinforced as required with heavy duty (approx. <sup>3</sup>/<sub>8</sub> in.) end plates.
- 16.4 Release mechanism, upper lever operated to release upper pins to allow the tailgate to fold-down, grease zerk lubricated.
- 16.5 Release mechanism, lower release handle located at the front, driver's side of the body, mechanism grease zerk lubricated.
- 16.6 Top tailgate anchor pins  $-1\frac{1}{4}$  in. diameter, self-locking/storing to

	top of side post, greasable.	
16.7	Support and spreader chains – 9.5 mm ( $\frac{3}{8}$ in.) transport grade 70, adequately fastened c/w chain storage and two (2) removable links per chain.	
16.7.1	Support and spreader chains shall be equipped with a protective cover.	
17.0	<u>FLOOR</u>	
17.1	Material $-\frac{3}{16}$ in. or 7 ga. steel, <b>state</b> material.	
17.2	Two-piece floor maximum (one-piece preferred). Two-piece floors shall be continuously welded.	
17.3	Long sills – 7 in. height approx., formed long sills, tapered hat section or C- channel design, continuously welded to the floor.	
17.3.1	Tapered hat section long sills shall be coated internally with a corrosion preventative compound to deter rust and corrosion.	
18.0	HOIST, SUBFRAME AND CONTROLS	
18.1	Hoist type – double acting, hydraulic scissor lift hoist, electric pump activated, installed in sub-frame.	
18.2	Capacity – 8 ton (16,000 lbs.) capacity, <b>state</b> .	
18.3	Dumping angle – 45° approx., <b>state</b> .	
18.4	Power pack – readily accessible for servicing.	
18.5	Sub-frame – required, mounted to dump box.	
18.6	Controls – in-cab with up/down controls, hand held with remote pendant c/w storage bracket installed on dash.	
19.0	ELECTRICAL & LIGHTING	
19.1	All lighting to conform to C.M.V.S.S. and Manitoba Highway Traffic Act.	
19.2	Supplier installed lighting and lighting equipment shall be Truck-Lite (except where otherwise noted) and shall include the following components:	
19.2.1	Combination turn/stop and taillights – P/N 44302R, one (1) per side with 40700 mounting grommets, flash rate 70-90 fpm.	
19.2.2	Back-up lights – P/N 44206C, one (1) per side with 40700 mounting grommets.	
19.2.3	Light cluster – three (3) only P/N 10250R with P/N 10700 mounting grommets, located to be protected from damage.	
19.2.4	Rear light mounting location – taillights, back-up lights, strobe lights and 3-light cluster shall be mounted in the rear sill of the dump body or in fully enclosed steel or plastic lighting modules. The lights shall be situated so that no debris contacts the lights while dumping.	

19.2.5	Clearance lamps – P/N 10250R and 10250Y with P/N 10700 mounting grommets.	
19.3	No clearance light shall protrude beyond the dump body.	
19.4	Taillights and back-up lights shall be fully visible when tailgate is lowered to horizontal position.	
19.5	Licence plate lamp – P/N 15040, complete with licence plate bracket.	
19.6	Harnesses – Truck-Lite 50 Series Harness system, properly routed and secured.	
19.6.1	All harnesses shall be internally grounded, no exceptions.	
19.7	Back-up alarm – STAR model 99901, mounted between frame rails at rear of truck, located to be protected from damage and road spray.	
19.8	Junction box – P/N 50400, complete with necessary compression fittings, required for all vehicle lighting harness connections, located inside rear of truck frame.	
19.9	All plug-in connectors shall be coated with Truck-Lite NYK compound prior to assembly.	
19.10	Strobe lights – two (2) Whelen P/N 5GA00FAR lights, located inside of back-up lights, rear facing in rear sill or in enclosed metal or plastic enclosure boxes.	
19.11	LED traffic arrow – SWS 50929, cab shield mounted, rear facing c/w controller mounted in the cab.	
19.12	Mini light bar – Whelen R2LPPA, 360° visibility, located top-centre of arrow traffic advisor.	
19.13	Mini light bar and strobe lights shall be wired through a single OEM dash mounted switch, labelled "Beacons".	
19.14	Mini light bar, strobe lights and LED traffic arrow shall be wired hot to the batteries, i.e., able to use without the key on.	
19.15	Trailer connector – factory chassis OEM trailer plug shall be mounted and installed in the rear hitch plate.	
19.16	Dump box stowage, warning light and buzzer – $\frac{1}{2}$ "-1" red warning light and buzzer system shall be installed on the dash and shall be actuated when dump body is not in the fully stowed position.	
19.17	All wiring for warning lights and back-up alarm shall be colour coded, loomed and properly secured.	
19.17.1	All electrical connectors shall be <u>crimped and soldered</u> , then sealed using heat shrink tubing.	
19.17.2	All joining of wires shall be <u>soldered</u> and sealed using heat shrink tubing or approved OEM weathertight connections (crimp on electrical connectors for joining wires are not acceptable).	

19.17.3 Any holes required to run wires through shall be drilled (not punched), grommeted and sealed as required.

#### 20.0 WELDING

- 20.1 All welds shall be continuous welds.
- 20.2 All welding performed shall conform to CSA Standard W47.1-03 and W59-03.
  - <u>Note</u>: All welds are subject to inspection by a City of Winnipeg Qualified Inspector.

#### 21.0 INSTALLATION

- 21.1 Any holes required in the chassis frame web must be drilled and reamed to fit bolts.
- 21.1.1 Drilling on chassis frame flanges is not permitted.
- 21.1.2 Welding on the chassis frame is not permitted.
- 21.2 Tire clearance 4 in. with rear springs fully loaded.
- 21.3 Clearance between dump body and back of truck cab shall be 3 in.
- 21.4 The dump body shall be installed on the following cab & chassis vehicle:

#### 2014 Dodge 4500

- 16,500 19,000 lbs. GVWR
- Crew Cab
- 60 in. CA
- 2WD and 4WD units
- 6.4 L Cummins Diesel engine
- TorgShift® 5-Spd. Automatic
- Horizontal discharge exhaust
- 21.4.1 The chassis will be available for pick-up on or before January 3, 2014. The Contractor is responsible for pick-up and delivery of the units as stated in Section 28.0 below.

#### 22.0 MISCELLANEOUS

- 22.1 Rear fenders black plastic or polyurethane, ½-round fenders c/w steel mounting hardware.
- 22.2 Grease fittings required on tailgate release mechanisms, pivot points, and drop-down side linkages as required.
- 22.3 Dump body prop double rod, hanging type design, required with two (2) receiving brackets mounted to the frame or sub-frame. The dump body prop shall be operable by a single operator by a lever mechanism, located on the outside of the driver's side frame rail.
- 22.4 Rear hitch plate  $-\frac{1}{2}$  in. thick solid steel, (laminated plates unacceptable) installed to chassis frame.

22.4.1	"A" frame hitch reinforcement – 3" x 3" x 3%" angle iron, welded to back of hitch plate and bolted to chassis frame web, or equivalent method capable of a 20,000 lbs. tow capacity at the hitch assembly.			
22.5	Trailer hitch – combination hitch, Wallace Forge Company model #DPH2516 with $2^{-5}/_{16}$ in. ball plus and extra P/N 2325211 2 in. ball supplied loose. Combination hitch installed on hitch plate at a 24 in. ground height.			
22.6	Lunette eyes for safety chains – two (2) Buyers Products B56731 or equivalent.			
22.7	Trailer plug socket – shall be installed in rear hitch plate.			
	Note: The cab & chassis will be supplied with a Dodge OEM trailer plug socket and all necessary wiring.			
22.8	Tie down eyes – four (4) heavy duty tie-down eyes required on inside of body, two front, two rear, exact locations to be determined at time of installation.			
22.9	Access ladders – two (2) required, bolt-on design, located at front corners of dump body.			
22.9.1	Ladder rung(s) – traction type rungs, 13 gauge steel, 2¼ in. width, 2 or 4-hole design, Traction Tread Products or equal.			
22.10	Grab handles – located for ergonomic access to box interior.			
22.11	Lumber rack bracket – approx. 16"W x 12"H bracket constructed of 2" x 2" x ¼" steel angle iron and 1½" steel square tubing, welded into a "figure four" or "U"-style design and bolted to the passenger's side of cab shield. Exact design and measurements to be discussed prior to installation.			
23.0	<u>FINISH</u>			
23.1	Complete dump body, hitch plate, steel brackets, etc. shall be <u>sandblasted</u> , properly cleaned, primed and finished with the Endura paint process as follows:			
23.1.1	Primer – Endura EP521 Intermix Epoxy Primer.			
23.1.2	Paint – 3-5 mils of Endura EX-2C Topcoat, black.			
24.0	PERFORMANCE RELIABILITY			
24.1	The responsibility for the design of the complete dump body, its performance and reliability shall rest upon the Contractor.			
24.2	The term <i>"repeat failures"</i> as used herein is defined to mean that the same component, assembly, or sub-assembly develops repeated defects, breakdowns and/or malfunctions rendering the unit inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component,			

replacement during the warranty period applicable for said cor assembly, or sub-assembly. Minor items or ordinary service

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adjustments are not included, or considered under the scope of "repeated failures", as well as other factors, such as operational damage due to accidents, misuse or lack of proper maintenance, service and lubrication attention by not following the manufacturer's preventative maintenance schedules.

24.3 Where the unit develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.

### 25.0 WARRANTY

25.1 The Contractor shall warrant **all equipment** and all parts thereof, against any defects of workmanship, construction and materials, and agrees to repair or replace without cost to the City any article that has become defective and not proven to have been caused by negligence on the part of the user within **two (2) years** from the date the equipment is put into service by the City of Winnipeg.

## 26.0 LITERATURE

26.1 Bidders shall submit current, descriptive, detailed literature of the equipment with their bid.

## 27.0 TRAINING

27.1 The Contractor shall be required to provide training (at the Contractor's expense) for the City of Winnipeg maintenance and operating personnel. The training shall be divided into two separate sessions, one for maintenance personnel and one for operating personnel. The training shall be conducted in separate or combined sessions for each group of personnel.

The duration of the sessions shall be as long as required for adequate familiarization and orientation of the equipment to the satisfaction of the Contract Administrator.

The training shall be conducted within two (2) calendar weeks from the date of delivery and shall be coordinated through the Contract Administrator.

The training shall be conducted in Winnipeg at a time and location designated by the Contract Administrator.

Pricing should be based on one (1) business day for maintenance personnel and one (1) business day for operating personnel.

Note: The first payment of the contract on the equipment will not be issued until successful completion of training has been conducted to the satisfaction of the Contract Administrator.

Training Aides:

a) On the type of equipment being offered, state if CD Rom training aides or on-line training are available.

What is the recommended minimum training duration for:

Primary unit: For major attachments (if Applicable):

State what other training aids are available (videos, CDs).

For the primary unit:

For major attachments (if applicable):

Training Materials and applicable manuals or on-line training material information must be provided to the Operator Training Branch of Public Works at the earliest possible opportunity, no later than (4) weeks prior to delivery, when supplying vehicles, equipment and related attachments. Send these materials, preferably in both electronic format and hard copy (training videos are to be supplied on either CD or DVD) to:

Public Works Department, Human Resources Division Equipment Operator Training Branch 102-1155 Pacific Avenue Winnipeg, MB R3E 3P1

Attn: Leanne Guertin Equipment Operator Training Consultant Cell: 204-451-3793 Contact e-mail: <u>Iguertin@winnipeg.ca</u>

## 28.0 PICK-UP AND DELIVERY

- 28.1 Pick-up the Contractor shall be responsible for picking-up the cab & chassis vehicles from the City upon commencement of the Contract. The vehicles will be available for pick-up at the Winnipeg Fleet Management Agency, 195 Tecumseh St., Winnipeg, Manitoba. Pick-up times will be between 8:00 am and 3:00 pm on any Business Day. The Contractor shall be responsible for any related fuel and Insurance costs to and from their facility.
  - Note: The vehicles will be fully fuelled at the time of pick-up by the Contractor.
- 28.2 Delivery Point- Upon completion of the inspection process, the complete unit shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including invoice and N.I.V.S. (if applicable) to the WFMA 195 Tecumseh Street, Winnipeg MB.
- 28.3 Delivery Time- Within thirty-six (36) calendar weeks from the date of official notification of award of contract. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days.
- 28.4 Delivery Contact- The Contractor shall contact the Contract Administrator prior to delivery of the equipment.
- 28.5 P.D.I- A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list.

# FORM Q-SUSTAINABILITY QUESTIONNAIRE

	<u>Information</u> Sustainability: High Quality, Small Ecological Footprint	(Yes/No)
1.	Have you employed environmentally innovative best practices and/or technologies in the goods you are supplying in this Bid Opportunity as compared to similar goods? If yes, please describe them below.	
Describe:		
2.	Have you obtained 3rd party environmental certifications for any of the products that you are supplying in this Bid Opportunity?	
Describe:		
3.	Have you performed a life cycle assessment of the goods you are supplying in this Bid Opportunity? If yes, please describe below.	
Describe:		
4.	Are there any other environmentally innovative best practices and/or technologies in the goods you are supplying in this Bid Opportunity that we could have specified in this tender, but have not? If yes, please describe them below.	
Describe:		
	<u>/ Information</u> nd Climate: Reducing Energy Costs and Greenhouse Gas Emissions	
1.	Have you measured your corporate greenhouse gas emissions? If yes, please report your total annual greenhouse gas emissions reported in the most recent year measured?	
Describe:	5 · · · · · · · · · · · · · · · · ·	
2. Describe:	Have you set publicly available greenhouse gas reduction targets? If yes, what are those targets?	

# Material Efficiency: Reducing Waste and Enhancing Quality

1.	Do you measure the total amount of solid waste generated from the facilities that produce your product(s) for this Bid Opportunity? If yes, please report for the most recent year measured.		
Describe:			
2.	Have you set publicly available solid waste reduction targets? If yes, what are those targets?		
Describe:			
3.	Do you measure the total water use from facilities that produce your product(s) for this Bid Opportunity? If yes, please report for the most recent year measured.		
Describe:			
4.	Have you set publicly available water use reduction targets? If yes, what are those targets?		
Describe:			
Natural R	esources: Responsibly Sourced Raw Materials		
1.	Have you established publicly available sustainability purchasing guidelines for your direct suppliers tha address issues such as environmental compliance, employment practices and product safety?	t	
Describe:			
<u>.</u>			
0	energik litter Energing Deenergikle and Ethiopi Deelergike		
Social Re	sponsibility: Ensuring Responsible and Ethical Production		
1.	Do you have a process for managing social compliance at the manufacturing level?		
Describe:			
2.	Do you work with your supply base to resolve issues found during social compliance evaluations and als document specific corrections and improvements?	30	
Describe:			

# 3. Do you invest in community development activities in the markets you source from and/or operate within?

Describe: