

Date: 2 Feb 2016

Ref.: Proc./270/0116

Bid no.: **BID-088-GOO-ICB/15**

Bid Name: Procurement of Heavy Equipment and Trucks

Subject: **Tender Clarification Letter #2**

To whom it may concern

Please find below addendum no. 1 for the above mentioned bid:

SN.	Page - Section	Old	New
1	From page no. 95 till page no. 102 Part 2: Supply Requirements Section VI: Schedule of Requirements Technical Specifications Lot no. 7 Items 9 & 10	See Annex no. 1	See Annex no. 2

We are looking forward to receive your offers before the deadline of submission.

Best Regards,

A handwritten signature in blue ink, appearing to be 'Hani Khabbaz', with a stylized flourish.

Hani Khabbaz
Director General

Annex no. 1

Old technical specifications for Lot no. 7 (items 9 & 10)

TECHNICAL SPECIFICATION AND COMPATIBILITY TABLE			
1	2	3	4
No. 9	ITEM NAME & DESCRIPTION Tractor 2 WD with wagon	BIDDER'S OFFER	Ref. page no of Supporting Documents
	Item Number: 9		
	Tractor at least 65 Hp, 2WD.	Manufacturer: Brand: Type/Model: Catalogue reference: Country of Origin:	
	APPLICATION		
	A tractor is an engineering vehicle specifically designed to deliver a high tractive effort (or torque) at slow speeds, for the purposes of hauling a trailer or machinery used in waste collection and transport to landfill.		
A	DESCRIPTION OF BASIC COMPONENTS WITH TECHNICAL SPECIFICATIONS		
1	Engine:		
1.1	Type: 4 Cylinder, Diesel		
1.2	Vertical Exhaust.		
1.3	Engine Starting aid.		
1.4	Dry Air Cleaner		
1.5	Number of cylinders / Aspiration: 4 / turbo		
1.6	Gross engine power, hp Min: 65		
1.7	Rated speed (rpm):2200- 2500 rpm.		
1.8	Air filter: Dual element, dry type with cleanable outer element and replaceable inner safety element.		
1.9	Lubrication: Full flow, pressure lubrication with spin-on filter cartridge.		
1.10	Emissionization standard: Tier III		
1.11	Fuel type: Standard diesel fuels.		
1.12	Fuel tank capacity: At least 60 liter.		
1.13	Fuel tank: Under Bonnet.		
2	Transmission:		
2.1	Traction clutch: Dry type organic plate.		

2.2	Ground Speed: Forward (0 to 30 kph); Reverse (0-15 kph).		
2.3	12/4 Manual Gearbox-		
2.4	Long Wheelbase.		
3	Brakes:		
3.1	Service brakes: Individual mechanically actuated wet disc.		
3.2	Parking brake: Engage hand-lever, press brake pedals to lock service brakes.		
3.3	Rear Axle: Rear differential lock: Mechanical foot pedal engagement.		
3.4	Front Axle: Front differential lock: Limited slip.		
3.5	FWD clutch engagement: Mechanical lever.		
4	Hydraulic System:		
4.1	System type: Standard/Auxiliary Hydraulic Pump.		
4.2	Pump capacity, min200 Bar		
4.3	Live Single Speed PTO 540 rpm Min		
4.4	Total maximum tractor flow, gpm (lpm):18		
4.5	High capacity lift min 2500 Kg		
4.6	Position control: One lever, mechanical draft control.		
4.7	1 Spool Valve less Selector Valve.		
4.8	PTO Hp@ Nominal Motor Min 60 @2200		
4.9	Hydrostatic Steering		
5	Electrical System:		
5.1	Alternator: 12 Volt, 65 Amp		
5.2	Lighting: 2 hi/lo beam halogen headlights, flashing safety lights / turn signals		
6	Wagon: The wagon will be of the rear tipping type working either through the PTO or the spool valve. The wagon has to com complete to work with the Tractor.		
6.1	Load Capacity: 3000- 3500 kg		
6.2	Width: at least 1900 mm		
6.3	Length: at least 3000 mm		
6.4	Side Door Height: at least 600 mm		
6.5	Ground clearance: Max 1500 mm		
6.6	ADDITIONAL LENGTH: Max 250mm		
6.7	TYRE: 900X16		
6.8	Brake: Hydraulic		

6.9	Volume: max 4 m ³		
6.10	Total weight: Max 1400 kg		
6.11	Tipping angle: at least 40 degree Vertical		
6.12	Bottom plate: at least 3.5 mm st-37 pressed steel plate		
6.13	Side walls: at least 2.5 mm st-37 pressed steel		
6.14	Hook bar: at least 6 mm st-37 pressed steel plate		
6.15	Painting: at least double layer epoxy coating and preferable paint.		
B	ACCESSORIES & CONSUMABLES		
b.1	Toolbox less Toolkit for each vehicle		
b.2	RH Dip White Headlights, Brake Lights, Direction Indicators for each vehicle		
b.3	Wheel chokes for each vehicle		
b.4	Fast moving spare parts for one year for each vehicle		
C	STANDARD REQUIREMENTS AND INSTRUCTIONS		
c.1	Standard front weight		
D	OPTIONS		
D	NA		
E	NOTE		
e.1	Bidders may propose any product/system, which is equivalent or better than the requirements specified above.		
e.2	Upon submission of bid, vendors shall supply technical data and manufacturer's literature containing the specifications for all specialized equipment and options added or proposed for this vehicle.		
e.3	All equipment shall be free from defects such as incomplete welds, welds that cross welds, corrosion, lose or improper fasteners, leaks or contamination, and any other defects that may impair or limit the operation or service ability.		
e.4	Tractor must be new and craftsmanship shall be of the highest degree and will be subject to periodic inspections during fabrication and assembly.		
e.5	Tractor must be equipped with all standard items and features unless upgraded or deleted by this specification.		
e.6	Bidder shall furnish a clause-by-clause commentary on the requirements above in column 3 of this TSF. Bidder who comment with texts such as "Yes",		

	"Complied", "Refer to catalogue", copying texts directly from the technical specifications form, leave any parameter line blank and/ or submit any text or content of this nature may be considered as NON-RESPONSIVE.		
F	Documentation		
f.1	Bidder should provide the following documents as relevant for bid submission and refer to these in column 4 of this TSF.		
f.2	Brochures or catalogues		
f.3	Technical data sheet		
G	Training on equipment supplied		
g.1	Training must be provided in Arabic at your site, as close as possible to Syria, for 1 technical and 1 driver staff for 3 days for each vehicle. This is an activity in common for all the heavy equipment. If Your firm cannot provide in Arabic, interpretation will have to be provided.		
g.2	The training must include the following elements and information:		
g.2-1	Operation: This has to include all the operation features for the tractor with proper checklists to be prepared for the operation.		
g.2-2	Trouble shooting: This will include all the day to day defects which might be faced and has to be correctly rectified.		
g.2-3	Maintenance: This will include the yearly and monthly maintenance for the equipment and properly filling the maintenance sheets by the staff.		
g.2-4	Equipment orientation / functions;		
g.2-5	Safety aspects of the equipment;		

TECHNICAL SPECIFICATION AND COMPATIBILITY TABLE			
1	2	3	4
No. 10	ITEM NAME & DESCRIPTION Tractor 4WD with wagon	BIDDER'S OFFER	Ref. page no of Supporting Documents
	Item Number: 10		
	Tractor at least 75 Hp, 4WD.	Manufacturer: Brand: Type/Model: Catalogue reference:	

		Country of Origin:	
	APPLICATION		
	A tractor is an engineering vehicle specifically designed to deliver a high tractive effort (or torque) at slow speeds, for the purposes of hauling a trailer or machinery used in waste collection and transport to landfill.		
A	DESCRIPTION OF BASIC COMPONENTS WITH TECHNICAL SPECIFICATIONS		
1	Engine:		
1.1	Type: 4 Cylinder, Diesel		
1.2	Vertical Exhaust.		
1.3	Engine Starting aid.		
1.4	Dry Air Cleaner		
1.5	Number of cylinders / Aspiration: 4 / turbo		
1.6	Gross engine power, hp Min: 75		
1.7	Rated speed (rpm):2360- 2500 rpm		
1.8	Air filter: Dual element, dry type with cleanable outer element and replaceable inner safety element.		
1.9	Lubrication: Full flow, pressure lubrication with spin-on filter cartridge.		
1.10	Emissionization standard: Tier III		
1.11	Fuel type: Standard diesel fuels.		
1.12	Fuel tank capacity: At least 75 liter.		
1.13	Fuel tank: Under Bonnet.		
2	Transmission:		
2.1	Traction clutch: Dry type organic plate.		
2.2	Speed: at least 1.5 to 31 km/hr		
3	Brakes:		
3.1	Service brakes: Individual mechanically actuated wet disc.		
3.2	Parking brake: Engage hand-lever, press brake pedals to lock service brakes.		
3.3	Rear Axle: Rear differential lock: Mechanical foot pedal engagement.		
3.4	Front Axle: Front differential lock: Limited slip.		
3.5	FWD clutch engagement: Mechanical lever.		
4	Hydraulic System:		
4.1	System type: Standard/Auxiliary		

	Hydraulic Pump.		
4.2	pump capacity: at least 48 lt/min		
4.3	Live Single Speed PTO 540 rpm Min		
4.4	High capacity lift min 2600 Kg		
4.5	Position control: One lever, mechanical draft control.		
4.6	1 Spool Valve less Selector Valve.		
4.7	PTO Hp@ Nominal Motor Min 70 @2200		
4.8	Hydrostatic Steering		
5	Electrical System:		
5.1	Alternator: 12 Volt, 65 Amp		
5.2	Lighting: 2 hi/lo beam halogen headlights, flashing safety lights / turn signals		
6	Wagon: The wagon will be of the rear tipping type working either through the PTO or the spool valve. The wagon has to com complete to work with the Tractor.		
6.1	Load Capacity: 3000- 3500 kg		
6.2	Width: at least 1900 mm		
6.3	Length: at least 3000 mm		
6.4	Side Door Height: at least 600 mm		
6.5	Ground clearance: Max 1500 mm		
6.6	ADDITIONAL LENGTH: Max 250mm		
6.7	TYRE: 900X16		
6.8	Brake: Hydraulic		
6.9	Volume: max 4 m ³		
6.10	Total weight: Max 1400 kg		
6.11	Tipping angle: at least 40 degree Vertical		
6.12	Bottom plate: at least 3.5 mm st-37 pressed steel plate		
6.13	Side walls: at least 2.5 mm st-37 pressed steel		
6.14	Hook bar: at least 6 mm st-37 pressed steel plate		
6.15	Painting: at least double layer epoxy coating and preferable paint.		
B	ACCESSORIES & CONSUMABLES		
b.1	Toolbox less Toolkit for each vehicle		
b.2	RH Dip White Headlights, Brake Lights, Direction Indicators for each vehicle		
b.3	Wheel chokes for each vehicle		
b.4	Fast moving spare parts for one year for each vehicle		
C	STANDARD REQUIREMENTS AND INSTRUCTIONS		

c.1	Standard front weight		
D	OPTIONS		
	NA		
E	NOTE		
e.1	Bidders may propose any product/system, which is equivalent or better than the requirements specified above.		
e.2	Upon submission of bid, vendors shall supply technical data and manufacturer's literature containing the specifications for all specialized equipment and options added or proposed for this vehicle.		
e.3	All equipment shall be free from defects such as incomplete welds, welds that cross welds, corrosion, lose or improper fasteners, leaks or contamination, and any other defects that may impair or limit the operation or service ability.		
e.4	Tractor must be new and craftsmanship shall be of the highest degree and will be subject to periodic inspections during fabrication and assembly.		
e.5	Tractor must be equipped with all standard items and features unless upgraded or deleted by this specification.		
e.6	Bidder shall furnish a clause-by-clause commentary on the requirements above in column 3 of this TSF. Bidder who comment with texts such as "Yes", "Complied", "Refer to catalogue", copying texts directly from the technical specifications form, leave any parameter line blank and/ or submit any text or content of this nature may be considered as NON-RESPONSIVE.		
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G	Training on equipment supplied		
g.1	Training must be provided in Arabic at your site, as close as possible to Syria, for 1 technical and 1 driver staff for 3 days for each vehicle. This is an activity in common for all the heavy equipment. If Your firm cannot provide in Arabic, interpretation will have to be provided.		
g.2	The training must include the following		

	elements and information:		
g.2-1	Operation: This has to include all the operation features for the tractor with proper checklists to be prepared for the operation.		
g.2-2	Trouble shooting: This will include all the day to day defects which might be faced and has to be correctly rectified.		
g.2-3	Maintenance: This will include the yearly and monthly maintenance for the equipment and properly filling the maintenance sheets by the staff.		
g.2-4	Equipment orientation / functions;		
g.2-5	Safety aspects of the equipment;		

Annex no. 2

New technical specifications for Lot no. 7 (items 9 & 10)

TECHNICAL SPECIFICATION AND COMPATIBILITY TABLE			
1	2	3	4
No. 9	ITEM NAME & DESCRIPTION Tractor 2 WD with wagon	BIDDER'S OFFER	Ref. page no of Supporting Documents
	Item Number: 9		
	Tractor at least 65 Hp, 2WD.	Manufacturer: Brand: Type/Model: Catalogue reference: Country of Origin:	
	APPLICATION		
	A tractor is an engineering vehicle specifically designed to deliver a high tractive effort (or torque) at slow speeds, for the purposes of hauling a trailer or machinery used in waste collection and transport to landfill.		
A	DESCRIPTION OF BASIC COMPONENTS WITH TECHNICAL SPECIFICATIONS		
1	Engine:		
1.1	Type: 4 Cylinder, Diesel		
1.2	Vertical Exhaust.		
1.3	Engine Starting aid.		
1.4	Dry Air Cleaner		
1.5	Number of cylinders / Aspiration: 4 / turbo		
1.6	Gross engine power, hp Min: 65		
1.7	Rated speed (rpm):2200- 2500 rpm.		
1.8	Air filter: Dual element, dry type with cleanable outer element and replaceable inner safety element.		
1.9	Lubrication: Full flow, pressure lubrication with spin-on filter cartridge.		
1.10	Emissionization standard: Tier 0 or above		
1.11	Fuel type: Standard diesel fuels.		
1.12	Fuel tank capacity: At least 60 liter.		
1.13	Fuel tank: Under Bonnet.		
2	Transmission:		

2.1	Traction clutch: Dry type organic plate.		
2.2	Ground Speed: Forward (0 to 30 kph); Reverse (0-15 kph).		
2.3	12/4 Manual Gearbox-		
2.4	Long Wheelbase.		
3	Brakes:		
3.1	Service brakes: Individual mechanically actuated wet disc.		
3.2	Parking brake: Engage hand-lever, press brake pedals to lock service brakes.		
3.3	Rear Axle: Rear differential lock: Mechanical foot pedal engagement.		
3.4	Front Axle: Front differential lock: Limited slip.		
3.5	FWD clutch engagement: Mechanical lever.		
4	Hydraulic System:		
4.1	System type: Standard/Auxiliary Hydraulic Pump.		
4.2	Pump capacity, min200 Bar		
4.3	Live Single Speed PTO 540 rpm Min		
4.4	Total maximum tractor flow, gpm (lpm):18		
4.5	High capacity lift min 2500 Kg		
4.6	Position control: One lever, mechanical draft control.		
4.7	1 Spool Valve less Selector Valve.		
4.8	PTO Hp@ Nominal Motor Min 60 @2200		
4.9	Hydrostatic Steering		
5	Electrical System:		
5.1	Alternator: 12 Volt, 65 Amp		
5.2	Lighting: 2 hi/lo beam halogen headlights, flashing safety lights / turn signals		
6	Wagon: The wagon will be of the rear tipping type working either through the PTO or the spool valve. The wagon has to com complete to work with the Tractor.		
6.1	Load Capacity: 3000- 3500 kg		
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6.4	Side Door Height: at least 600 mm		
6.5	Ground clearance: Max 1500 mm		
6.6	ADDITIONAL LENGTH: Max 250mm		
6.7	TYRE: 900X16		

6.8	Brake: Hydraulic		
6.9	Volume: max 4 m ³		
6.10	Total weight: Max 1400 kg		
6.11	Tipping angle: at least 40 degree Vertical		
6.12	Bottom plate: at least 3.5 mm st-37 pressed steel plate		
6.13	Side walls: at least 2.5 mm st-37 pressed steel		
6.14	Hook bar: at least 6 mm st-37 pressed steel plate		
6.15	Painting: at least double layer epoxy coating and preferable paint.		
B	ACCESSORIES & CONSUMABLES		
b.1	Toolbox less Toolkit for each vehicle		
b.2	RH Dip White Headlights, Brake Lights, Direction Indicators for each vehicle		
b.3	Wheel chokes for each vehicle		
b.4	Fast moving spare parts for one year for each vehicle		
C	STANDARD REQUIREMENTS AND INSTRUCTIONS		
c.1	Standard front weight		
D	OPTIONS		
D	NA		
E	NOTE		
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e.4	Tractor must be new and craftsmanship shall be of the highest degree and will be subject to periodic inspections during fabrication and assembly.		
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g.2-4	Equipment orientation / functions;		
g.2-5	Safety aspects of the equipment;		

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1	2	3	4
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	Item Number: 10		
	Tractor at least 75 Hp, 4WD.	Manufacturer: Brand: Type/Model:	

		Catalogue reference:	
		Country of Origin:	
	APPLICATION		
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1	Engine:		
1.1	Type: 4 Cylinder, Diesel		
1.2	Vertical Exhaust.		
1.3	Engine Starting aid.		
1.4	Dry Air Cleaner		
1.5	Number of cylinders / Aspiration: 4 / turbo		
1.6	Gross engine power, hp Min: 75		
1.7	Rated speed (rpm):2360- 2500 rpm		
1.8	Air filter: Dual element, dry type with cleanable outer element and replaceable inner safety element.		
1.9	Lubrication: Full flow, pressure lubrication with spin-on filter cartridge.		
1.10	Emissionization standard: Tier 0 or above		
1.11	Fuel type: Standard diesel fuels.		
1.12	Fuel tank capacity: At least 75 liter.		
1.13	Fuel tank: Under Bonnet.		
2	Transmission:		
2.1	Traction clutch: Dry type organic plate.		
2.2	Speed: at least 1.5 to 31 km/hr		
3	Brakes:		
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3.2	Parking brake: Engage hand-lever, press brake pedals to lock service brakes.		
3.3	Rear Axle: Rear differential lock: Mechanical foot pedal engagement.		
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3.5	FWD clutch engagement: Mechanical lever.		
4	Hydraulic System:		

4.1	System type: Standard/Auxiliary Hydraulic Pump.		
4.2	pump capacity: at least 48 lt/min		
4.3	Live Single Speed PTO 540 rpm Min		
4.4	High capacity lift min 2600 Kg		
4.5	Position control: One lever, mechanical draft control.		
4.6	1 Spool Valve less Selector Valve.		
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	INSTRUCTIONS		
c.1	Standard front weight		
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g.2-4	Equipment orientation / functions;		
g.2-5	Safety aspects of the equipment;		