

Additonal Prebid Query Reply				
S No.	EOI Document Reference(s) (Section & Page Number(s))	Content of EOI Requiring Clarification(s)	Points of clarification	Reply
<b>RPF (P) Ltd.</b>				
1	Item No- 23 and 24	Department has inviting tender for a particular brand and model depicting specific specifacation of a particular product/ brand and neither following the BIS Standard nor international Standard (WHO) for which is very much against CVC Guidelines of Tender procurement procedures.	Tender favoring Specific Brand and Model for Procurement	Empanelment of SWME only BIS Standard and International Standard is Acceptable for Proposal.
2	Item No- 23 and 24	Power output of the machine is dependent on the calorific value of the fuel consumed. Calorific value of 1 ltr. Petrol is 9.3 KW. Hence if a machine consume 3.3 ltr/Hr so the power output will be only 309.10 KW only. Whereax you are demanding 45 KW with fuel consumed of 3.3 ltr.	It is technically impossible. Similar is the case with Portable fogging Machine 1.5 ltr the power output cannot exceed 14 KW whereas you are demanding 18.6 KW which is impossible on technical ground.	Bid Condition Prevails
<b>VECTRA</b>				
1	Item No - 26 Skid Steer Loadsr	A tender for skid steer loaders with two different capacities (range 46 to 50 HP & 56 to 61 HP) doesn't seem correct here in case of BUIDCO, this is primarily important to be taken into the consideration only if the machines are required to taken to the higher altitude sites which by any mean aren't available or applicable anywhere in Bihar. A turbo charged engine with minimum 58 HP is the most suitable model as it gives you flexibility and versatility of working with variety of attachments which is the most appropriate and cost effective USP of an equipment like Skid Steer Loader	Keeping two different capacities would certainly lead to limitation, in majority of the case less than 50 HP SSLs have non turbo charged engine hence which gives better combustion ratio hence, enhanced efficiency	Bid Condition Prevails
<b>Nilkamal Limited</b>				
1	Volume-1of 3 of the tender documents - Pg. no. 29 -pt. no.6 of heading empanelment of Bidders	"If the price difference between L1 and L2 is more than 20%, The Purchaser reserves the right to disqualify the L1 bidder"	For eg.- As per the above clause, If L-2 price is 22% more than L-1, then L-1 bidder will be rejected and subsequently L-2 becomes L-1. Similarly if L-3 participant's price is 24% higher than the L-2 participant prices, then will L-2 be disqualified? Kindly clarify.	Bid Condition Prevails
	General	This is reference to the aforesaid tender for empanelment for supply of solid waste management equipment(goods)for urban local bodies in bihar. We wish to inform you that for such a big project the bidder should have strong financial and technical qualification criteria.	<p>We hereby enclose qualification criteria along with technical specifications as Annexure-1 &amp; Annexure -2 accordingly. We are requesting you to kindly refer in incorporate in subjected tender to get bids from technically and financially capable bidders:-</p> <p>QUALIFICATION CRIETERIA -ANNEXURE -1</p> <ol style="list-style-type: none"> <li>1. The bidder must have ISO Certificate of 14001:2014 &amp; 9001:2015.</li> <li>2. The bidder should submit appropriate documents to support their claim of manufacturer i.e. valid factory license , List of Plant &amp; Machineries</li> <li>3. The tenderer who has experience / supplied having purchase order of minimum 5 cr in any one single order for in any one year in past 3 years; Purchase Order Copies &amp; Completion certificate of any government project related to Solid Waste Management to be attached.</li> <li>4. G.S.T Certificate must be submitted along with latest paid GST challan.</li> <li>5. The bidder must be manufacturer of the solid waste management products for the Last 7 years. (Proof of Manufacturing unit of the similar product must be annexed)</li> <li>6. The bidder should have a minimum turnover of Rs. 50 crores in the last three financial years and the turnover of the last year should be at least Rs. 5 crores. The copies of the Audited Annual Accounts for the last three years shall be attached along with the bid.</li> <li>7. Attested copies showing the legal status, place of registration and principal place of business of the bidder.</li> </ol>	

2			<p>8. The bidder should have not been black listed by any govt. Dept./organization. The declaration to be provided</p> <p>9. Certificate regarding non –black listed by state Govt., or it's any other Agency or any other Department.</p> <p>10. If any information given by the bidder is found to be false/fictitious, the bidder will be debarred for 3 (three) years from participating in any other tenders of Govt. of Gujarat.</p> <p>11. Memorandum &amp; Articles of Association of Co-operative Society.</p> <p>12. Furnish CA signed balance sheet of last three years.</p> <p>13. Test report from any NABL Accredited Lab or CIPET to be attached.</p> <p>14. I T Return for last 3 years to submitted i.e.2017-18 , 2016 – 17 &amp; 2015 – 16</p> <p>15. Latest Solvency certificate for 1 crore specifically issued in the name of Bihar Urban Infrastructure Development Corporation Ltd. must be enclosed.</p> <p>16. The sample as per the specification mentioned in the tender should be submitted along with the tender.</p> <p>17. The commercial bid of those bidders will be opened who have submitted the sample along the technical bid.</p>	Bid Condition Prevails
	<p><b>PONT NO. 32 CONTAINERIZE D TRICYCLE RICKSHAW WITH 8 BINS PAGE NO. 85 OF VOLUME-2 OF 3 SCHEDULE OF SUPPLY</b></p>	<p>Containerized Tricycle fabricated out of MS angle, Tee and Flats, suitable to accommodate 8 Bins of 25 litre capacity &amp; ideal for solid waste collection and transfer to central collection collectors. The Tricycle shall be strong &amp; sturdy and suitable to satisfy the critical needs of waste collection and transportation. The Tri-Cycle frame shall be suitable for placing 8 nos. of 25 litres capacity HDPE bins in 8 slots made with iron frame of MS Angle of size 30x30x5mm and flat of 30x5mm. The Tri-Cycle shall also have standard bell, cycle locks, reflector, hooks, toolkit, locker, seat with cover, hangers for broom, wiper etc. as per following specifications</p> <p><b>General:</b> Supply of Heavy Duty Tri-Cycle shall have pneumatic wheels with 32 nos. heavy duty spokes at rear and front with 8nos. of HDPE waste bins of 25 litres capacity required for door to door garbage collection as per approved design conforming to the Technical Specifications:</p> <p>The tricycle shall have three pneumatic wheels with 32 Nos heavy duty spokes at rear and front. The Tri-Cycle shall have locking arrangement. The Tri-Cycle frame shall be suitable for placing 8 nos. of 25 litres capacity bins in 8 slots made with iron frame of MS Angle of size 30x30x5mm and flat of 30x5mm. The Tri-Cycle shall also have standard bell, cycle locks, reflector, hooks, toolkit, locker, seat with cover, hangers for broom, wiper etc. All the steel work shall be properly painted with approved paint and color after application of primer as per approved drawing. The supplier shall submit detailed drawing of the Tricycle and get approved before manufacture</p>	<p>Containerized Tricycle fabricated out of MS angle, Tee and Flats, suitable to accommodate 8 Bins of 30 litre capacity &amp; ideal for solid waste collection and transfer to central collection collectors. The Tricycle shall be strong &amp; sturdy and suitable to satisfy the critical needs of waste collection and transportation. The Tri-Cycle frame shall be suitable for placing 8 nos. of 30 litres capacity HDPE bins in 8 slots made with iron frame of MS Angle of size 30x30x5mm and flat of 30x5mm. The Tri-Cycle shall also have standard bell, cycle locks, reflector, hooks, toolkit, locker, seat with cover, hangers for broom, wiper etc. as per following specifications</p> <p><b>General:</b> Supply of Heavy Duty Tri-Cycle with 8nos. of HDPE waste bins of 30 litres capacity required for door to door garbage collection as per approved design conforming to the Technical Specifications and the following dimensions and particulars:</p> <p>The tricycle shall have three wheels out of which two rear wheels shall be of Puncher-less rubberized of 16 guage MS. Pipe welded on the rim &amp; one front wheel of standard type with puncher-less rubberized and sealed bearing to support rickshaw. The Tri-Cycle shall have locking arrangement. The Tri-Cycle frame shall be suitable for placing 8 nos. of 30 litres capacity bins in 8 slots made with iron frame of MS Angle of size 30x30x5mm and flat of 30x5mm. The Tri-Cycle shall also have standard bell, cycle locks, reflectors, hooks, toolkit, locker, seat with cover, hangers for broom, wiper etc. All the steel work shall be properly painted with approved paint and color after application of primer as per approved drawing. The supplier should obtain the prior approval by submitting a shop drawing before fabrication.</p>	<p>Containerized Tricycle fabricated out of MS angle, Tee and Flats, suitable to accommodate 8 Bins of 25 to 30 litre capacity &amp; ideal for solid waste collection and transfer to central collection collectors. The Tricycle shall be strong &amp; sturdy and suitable to satisfy the critical needs of waste collection and transportation. The Tri-Cycle frame shall be suitable for placing 8 nos. of 25 to 30 litres capacity HDPE bins in 8 slots made with iron frame of MS Angle of size 30x30x5mm and flat of 30x5mm. The Tri-Cycle shall also have standard bell, cycle locks, reflector, hooks, toolkit, locker, seat with cover, hangers for broom, wiper etc. as per following specifications</p> <p><b>General:</b> Supply of Heavy Duty Tri-Cycle shall have pneumatic wheels with 32 nos. heavy duty spokes at rear and front with 8nos. of HDPE waste bins of 25 to 30 litres capacity required for door to door garbage collection as per approved design conforming to the Technical Specifications:</p> <p>The tricycle shall have three pneumatic wheels with 32 Nos heavy duty spokes at rear and front. The Tri-Cycle shall have locking arrangement. The Tri-Cycle frame shall be suitable for placing 8 nos. of 25 to 30 litres capacity bins in 8 slots made with iron frame of MS Angle of size 30x30x5mm and flat of 30x5mm. The Tri-Cycle shall also have standard bell, cycle locks, reflector, hooks, toolkit, locker, seat with cover, hangers for broom, wiper etc. All the steel work shall be properly painted with approved paint and color after application of primer as per approved drawing. The supplier shall submit detailed drawing of the Tricycle and get approved before manufacture</p>

<p>Material: Material of Bin M.S. Angle, Flat &amp; Pipe. The body of the bins shall be made of High Density Polyethylene (HDPE) grade conforming to IS 10146-1982 suitable for injection/ roto moulding applications where good mechanical properties, gloss, dimensional stability &amp; good ESCR are required. The physical characteristics &amp; typical properties of raw material shall be as per BIS/ ASTM standard.</p> <p>Handle: Handle bar shall be of Heavy duty chrome plated nickel &amp; shall conform to IS: 25/1993 and the size shall not be less than 410mm between the two handle grips. The front forks shall be as per IS:2061/1995 and it shall be of reputed make like Hero, Atlas, KW, Avon. Special standard C P rounded with rubber grip should be provided in the handle.</p> <p>M.S. Name Plate: For identification of containerized Tri-Cycle rickshaw, M.S. plate of 150x120 mm of 22 gauge shall be welded at the front side of the Hand Cart.</p> <p>Frame, Fork with fitting: Mild steel heavy duty tubular frame with 5 tubes, made from tube of size 28.6mm x 1.63mm confirming to IS: 2039/1991 of reputed make like Hero, KW, Atlas, Avon.</p> <p>Pedal: Heavy duty paddle of reputed make like Hero, Atlas, KW, Avon.</p> <p>Chain Wheel &amp; Crank: Heavy duty Chrome plated chain wheel &amp; cranks confirming to IS: 1281/1996 of reputed make like Hero, Atlas, KW, Avon.</p> <p>Chain: 212-links-heavy duty-extra strong chain confirming to designation 083-1 of IS: 2403/1991 of reputed make like Hero, Atlas, KW, Avon.</p> <p>Chain Cover: Quarter Chain Cover black, of thick gauge of size 18 Gauge x 3.5" width of reputed make like Hero, Atlas, KW, Avon.</p>	<p>Material of bin The body of the bins shall be made of High Density Polyethylene (HDPE) grade conforming to IS 10146-1982 suitable for injection moulding applications where good mechanical properties, gloss, dimensional stability &amp; good ESCR are required. The physical characteristics &amp; typical properties of raw material shall be as per BIS/ ASTM standard.</p> <p>Handle: Handle bar shall be of Heavy duty chrome plated nickel &amp; shall conform to IS: 625/1993 and the size shall not be less than 410mm between the two handle grips. The front forks shall be as per IS:2061/1995 and it shall be of reputed make like Hero, Neelam, Atlas, KW, Avon. Special standard C P rounded rubber grip should be provided in the handle.</p> <p>M.S. Name Plate: For identification of containerized Tri-Cycle rickshaw M.S. plate of 150x120 mm of 22 gauge shall be welded at the front side of the Tricycle. On the rear side of the tricycle frame one MS plate of 22 gauge (Length of plate = width of frame and Width of plate = height of of frame) shall be welded.</p> <p>Frame, Fork with Fitting: Mild steel heavy duty tubular frame with 5 tubes, made from tube of size 28.6mm x 1.63mm confirming to IS: 2039/1991 of reputed make like Hero, Neelam, KW, Atlas, Avon.</p> <p>Pedal: Heavy duty peddle of reputed make like Hero, Neelam, Atlas,KW, Avon</p> <p>Chain Wheel &amp; Crank: Heavy duty Chrome plated chain wheel &amp; cranks confirming to IS: 1281/1996 of reputed make like Hero, Neelam, Atlas ,KW, Avon.</p> <p>Chain: 212-links-heavy duty-extra strong chain confirming to designation 083-1 of IS: 2403/1991 of reputed make like Hero, Neelam, Atlas, KW, Avon.</p> <p>Chain Cover: Quarter Chain Cover black, of thick gauge of size 18 Gauge x 3.5" width of reputed make like Hero, Neelam, Atlas, KW, Avon.</p>	<p>Material: Material of Bin M.S. Angle, Flat &amp; Pipe. The body of the bins shall be made of High Density Polyethylene (HDPE) grade conforming to IS 10146-1982 suitable for injection/ roto moulding applications where good mechanical properties, gloss, dimensional stability &amp; good ESCR are required. The physical characteristics &amp; typical properties of raw material shall be as per BIS/ ASTM standard.</p> <p>Handle: Handle bar shall be of Heavy duty chrome plated nickel &amp; shall conform to IS: 25/1993 and the size shall not be less than 410mm between the two handle grips. The front forks shall be as per IS:2061/1995 and it shall be of reputed make like Hero, Atlas, KW, Avon. Special standard C P rounded with rubber grip should be provided in the handle.</p> <p>M.S. Name Plate: For identification of containerized Tri-Cycle rickshaw, M.S. plate of 150x120 mm of 22 gauge shall be welded at the front side of the Hand Cart.</p> <p>Frame, Fork with fitting: Mild steel heavy duty tubular frame with 5 tubes, made from tube of size 28.6mm x 1.63mm confirming to IS: 2039/1991 of reputed make like Hero, KW, Atlas, Avon.</p> <p>Pedal: Heavy duty paddle of reputed make like Hero, Atlas, KW, Avon.</p> <p>Chain Wheel &amp; Crank: Heavy duty Chrome plated chain wheel &amp; cranks confirming to IS: 1281/1996 of reputed make like Hero, Atlas, KW, Avon.</p> <p>Chain: 212-links-heavy duty-extra strong chain confirming to designation 083-1 of IS: 2403/1991 of reputed make like Hero, Atlas, KW, Avon.</p> <p>Chain Cover: Quarter Chain Cover black, of thick gauge of size 18 Gauge x 3.5" width of reputed make like Hero, Atlas, KW, Avon.</p>
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Mud Guard: Front mud guard of 18 gauge with steel stays of reputed make like Atlas, KW, Avon.  
Hub: 64 X 10 Gauge Front – BCP  
Fork Guard: Heavy duty, black painted with clip  
Cotter Pin: Standard Zinc plated 9.5 mm.  
Seat: Good Quality, Scooter type  
Brake: With heavy duty shoe and clip.  
Rear Rim: 28” x 1.5” heavy -10 Gauge chrome plated Nickel - 1.6 Kg of reputed make like Atlas, KW, AVON.  
Front Rim: 3.25 x 16Gauge Bullet rim – 16 “ dia Hub bearing 2204/2205 with MS round spokes of heavy duty.  
Rear Mud  
Guard: Heavy duty ,16 gauge steel mud guard  
Bell: 1 no. 80mm round , Heavy Duty.  
Lock: 1 No. good quality with 7 levers

Finish: The frame of tricycle and mudguards, other exposed mild steel components of chassis shall be thoroughly cleaned by suitable means to remove rust, scale and oily substances. These shall be then chemically rust proofed and stove enameled, spray painted or otherwise finished to give a glossy finish. The color shall be black/ dark green or any other shade as agreed between purchaser and supplier. All the metallic parts other than those painted as mentioned above shall have a smooth finish and shall be plated chromium over nickel in accordance with grade No. 3 of IS: 1068/1993.

HDPE containers of 25 liter capacity

Mud Guard: Front mud guard of 18 gauge with steel stays of reputed make like Neelam , Atlas, KW, Avon.  
Hub: 64 X 10 Gauge Front - BCP.  
Fork Guard: Heavy duty, black painted with clip  
Cotter Pin: Standard Zinc plated 9.5 mm.  
Seat: Good Quality, Scooter type  
Brake: With heavy duty shoe and clip.  
Rear Rim: 28” x 1.5” heavy -10 Gauge chrome plated Nickel - 1.6 Kg of reputed make like, Neelam, Atlas, KW, AVON.  
Front Rim: 3.25 x 16Gauge Bullet rim – 16 “ dia Hub bearing 2204/2205 with MS round spokes of heavy duty.  
Rear Mud  
Guard: Heavy duty ,16 gauge steel mud guard  
Bell: 1 no. 3” round , Heavy Duty.  
Lock: 1 No. good quality with 7 levers

Finish: The frame of tricycle and mudguards, other exposed mild steel components of chassis shall be thoroughly cleaned by suitable means to remove rust, scale and oily substances. These shall be then chemically rust proofed and stove enameled, spray painted or otherwise finished to give a glossy finish. The color shall be black/ dark green or any other shade as agreed between purchaser and supplier. All the metallic parts other than those painted as mentioned above shall have a smooth finish and shall be plated chromium over nickel in accordance with grade No. 3 of IS: 1068/1993.

Reflectors: Red reflectors on each mud guard at the rear & Front

Painting: Painting with two coats of anticorrosive paint as per the specified color and as per the directions of the departmental officers. The front side MS sheet shall be painted with two coats of anticorrosive paint and writing identification No., name & logo of ULB, slogans etc., with letters of minimum 38 mm in size.

HDPE containers of 30 liter capacity

Mud Guard: Front mud guard of 18 gauge with steel stays of reputed make like Atlas, KW, Avon.  
Hub: 64 X 10 Gauge Front – BCP  
Fork Guard: Heavy duty, black painted with clip  
Cotter Pin: Standard Zinc plated 9.5 mm.  
Seat: Good Quality, Scooter type  
Brake: With heavy duty shoe and clip.  
Rear Rim: 28” x 1.5” heavy -10 Gauge chrome plated Nickel - 1.6 Kg of reputed make like Atlas, KW, AVON.  
Front Rim: 3.25 x 16Gauge Bullet rim – 16 “ dia Hub bearing 2204/2205 with MS round spokes of heavy duty.  
Rear Mud  
Guard: Heavy duty ,16 gauge steel mud guard  
Bell: 1 no. 80mm round , Heavy Duty.  
Lock: 1 No. good quality with 7 levers

Finish: The frame of tricycle and mudguards, other exposed mild steel components of chassis shall be thoroughly cleaned by suitable means to remove rust, scale and oily substances. These shall be then chemically rust proofed and stove enameled, spray painted or otherwise finished to give a glossy finish. The color shall be black/ dark green or any other shade as agreed between purchaser and supplier. All the metallic parts other than those painted as mentioned above shall have a smooth finish and shall be plated chromium over nickel in accordance with grade No. 3 of IS: 1068/1993.

HDPE containers of 25 to 30 liter capacity

		<p>b) Dimensions and other particulars:  Volume 25 Ltrs  Process of  moulding Injection/ Blow moulding in one tough piece.  Container  Dimensions:  Top 300 to 325 x 300 to 325mm (clear inside dimensions) or    300 to 325 mm internal dia.  Bottom 280 to 295 x 280 to 295mm (clear inside dimensions) or    250 to 280mm dia.  Height 300 to 400mm (clear dimensions)  Thickness  (minimum) Sides :3mm; Bottom: 4mm  Handle Suitable stainless steel or chrome plated steel handle of  8mm dia strong enough to lift the load of 20 Kg.  Cover/Lid Suitable lid welded with hinges for the bins</p>	<p>b) Dimensions and other particulars:  Volume 30 Ltrs  Process of  moulding Injection moulding in one tough piece.  Container  Dimensions:  Top Top Size O.D. : Should not be less than 328 MM x 328 MM  Bottom Bottom Size O.D. :Should not be less than 288 MM x 288 MM  Height Overall Height : Should not be less than 375 MM - EXTERNAL  Thickness  (minimum) All side should be 3 mm thick (+ / - 5 %) Bottom: 4mm  Handle 8 mm M.S. Bar with M.S. Strip of 1.6 mm thickness on both sides of handle with heavy duty suitable rivets.  Cover/Lid without</p>	<p>b) Dimensions and other particulars:  Volume 25 to 30 Ltrs  Process of  moulding Injection/ Blow moulding in one tough piece.  Container  Dimensions:  Top 300 to 325 x 300 to 325mm or 328MM x 328MM (clear inside dimensions) or  300 to 325 mm internal dia.  Bottom 280 to 295 x 280 to 295mm (clear inside dimensions) Should not less than 288 MM or    250 to 280mm dia.  Height 300 to 400mm (clear dimensions) or Should not be less than 375 MM- External  Thickness  (minimum) Sides :3mm; Bottom: 4mm  Handle Suitable stainless steel or chrome plated steel handle of  8mm dia strong enough to lift the load of 20 Kg.  Cover/Lid Suitable lid welded with hinges for the bins</p>
4	<p>PONT NO. 33. CONTAINERIZE D  HAND CARTS WITH 6 BINS PAGE  NO. 89  OF VOLUME-2  OF 3  SCHEDULE OF SUPPLY</p>	<p>Containerized hand cart fabricated out of MS angle, Tee and Flats, suitable to accommodate 6 Bins of 25 litre capacity &amp; ideal for solid waste collection and transfer to central collection collectors. The cart shall be strong &amp; sturdy and suitable to satisfy the critical needs of waste collection and transportation. The Hand Cart should be of minimum size 1010 mm x 700 mm x 250 mm with 6 Compartments for accommodating 6 Nos of HDPE bins of 25 litres capacity as per following specifications</p>	<p>Containerized hand cart fabricated out of MS angle, Tee and Flats, suitable to accommodate 6 Bins of 30 litre capacity &amp; ideal for solid waste collection and transfer to central collection collectors. The cart shall be strong &amp; sturdy and suitable to satisfy the critical needs of waste collection and transportation. The Hand Cart should be of minimum size 1010 mm x 700 mm x 250 mm with 6 Compartments for accommodating 6 Nos of HDPE bins of 30 litres capacity. Bin specification as per Point no. 1.1 Above</p>	<p>Containerized hand cart fabricated out of MS angle, Tee and Flats, suitable to accommodate 6 Bins of 25 to 30 litre capacity &amp; ideal for solid waste collection and transfer to central collection collectors. The cart shall be strong &amp; sturdy and suitable to satisfy the critical needs of waste collection and transportation. The Hand Cart should be of minimum size 1010 mm x 700 mm x 250 mm with 6 Compartments for accommodating 6 Nos of HDPE bins of 25 to 30 litres capacity as per following specifications</p>
5	<p>PONT NO 44.  Plastic Hand  Cart –  65Litre/110Litre/250 Litre  PAGE NO. 105  OF VOLUME-2  OF 3  SCHEDULE OF SUPPLY</p>	<p>In Specifications For Plastic Hand Cart – 65Litre , Detail Specifications  In Specifications For Plastic Hand Cart – 65Litre , Detail Specifications  DIMENTION  In Specifications For Plastic Hand Cart – 110 Ltr  Dimensions:  Top Should not be less than 700x600 mm. (Outside)  Bottom Should not be less than 400x400 mm. (Outside)  Height Should not be less than 350 mm.  In Specifications For Plastic Hand Cart – 255 Ltr  Dimensions:  Top Should not be less than 1100 mm  Bottom Should not be less than 700 mm.  Height Should not be less than 400 mm.</p>	<p>Capacity : Minimum 65 ltrs  Material : Molded from Special; U V Stabilized grades of virgin  DIMENTION TORALANCE +/- 15 MM  In Specifications For Plastic Hand Cart – 110 Ltr  Dimensions: (+/- 15 mm)  Top Should not be less than 745 X 745 MM  Bottom Should not be less than 445 x 425  Height Should not be less than 355  In Specifications For Plastic Hand Cart – 255 Ltr  Dimensions: (+/- 15 mm)  Top o TOP O.D. : 1135 (L) x 870 (B) mm approx  o TOP I.D. : 1055 (L) x 790 (B) x 445 (H) mm approx  Bottom o BOTTOM O.D. : 748 (L) x 483 (B) mm approx  Height 450 mm approx.</p>	<p>In Specifications For Plastic Hand Cart – 65Litre , Detail Specifications  In Specifications For Plastic Hand Cart – 65Litre , Detail Specifications  DIMENTION  In Specifications For Plastic Hand Cart – 110 Ltr  Dimensions:  Top Should not be less than 700x600 mm. (Outside)  Bottom Should not be less than 400x400 mm. (Outside)  Height Should not be less than 350 mm.  In Specifications For Plastic Hand Cart – 255 Ltr  Dimensions:  Top Should not be less than 1100 mm or 1135 mm  Bottom Should not be less than 700 mm or 748.  Height Should not be less than 400 mm or 450.</p>

6	<p>POINT NO 45. Domestic Polyethylene Bins with flap lid of 10/20 Litres Capacity PAGE NO. 108 OF VOLUME-2 OF 3 SCHEDULE OF SUPPLY</p>	<p>LID Inverted U type oscillating Flap Lid. Material Virgin grade of Polyethylene material, absolutely non- toxic, free from any contamination, chemical resistant confirming to the requirement of IS 10146 – 1982. Dimensions For 10 Litres Top Should not be less than 290 mm. Bottom Should not be less than 240 mm Height Should not be less than (Only Container) 450 mm Height Should not be less than (With Flap Lid) 450 mm Dimensions For 20 Litres Top Should not be less than 328 mm. Bottom Should not be less than 274 mm Height Should not be less than (Only Container) 360 mm Height Should not be less than (With Flap Lid) 450 mm  Handle HDPE Handles - Moulded in one tough piece # 2 Nos.</p>	<p>lid In such small Bins, if flip type bins incorporated There will be operational problem. Therefore Municipal Corporations all Over India are using normal removable lids due to its durability hence we are requesting you to incorporate removable lifts instead of flap lids Material virgin grade of high Molecule High Density Polyethylene ( HMHDPE) material, absolutely non – toxic , free from any contamination, chemical resistant conforming to the requirement of ASTM D – 543 – 04. Material should have more than 250 kg / Cm / cm as per ASTM D 256. Dimensions For 10 Litres Top Should not be less than 240 mm. Bottom Should not be less than 210 mm  Height Should not be less than (Only Container) 295 mm  Height Should not be less than (With Fully open able Lid) 350 mm Dimensions For 20 Litres Top Should not be less than 325 mm. Bottom Should not be less than 270 mm  Height Should not be less than (Only Container) 325 mm  Height Should not be less than (With Fully open able Lid) 400 mm Handle Due to the small size capacity side handles are not require, please note side handles are required if the volume capacity of the bins is high, hence bucket type handle is advisable for these bins. We are requesting you to delete the side handle option and incorporate single plastic handle</p>	<p>Bid Condition Prevails</p>
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7	<p>POINT NO 46. House Hold Dustbin-15 Ltr with foot pedal PAGE NO. 109 OF VOLUME-2 OF 3 SCHEDULE OF SUPPLY</p>	<p>General Specifications One Piece Moulded, Heavy Duty Waste Bin of approx. 15 Litres capacity made out of FDA approved virgin grades of Polyethylene material manufactured from Blow Moulding Process absolutely smooth and sanitary, chemical resistant, blended with stabilizers, Anti Corrosive, Anti Acidic, Non toxic and from joints, welds or rims. Provided with moulded projections and provided with moulded Lid to prevent spread of smell, mosquitoes etc. meant for segregation of waste at source in Bio-degradable and Recyclable waste in Green and Blue colour ideal for Storage and Handling of Solid Waste to satisfy the critical requirements of MSW 2000.</p> <p>Material Virgin grade of High Molecular High Density Polyethylene (HMHDPE) material, absolutely non-toxic, free from any contamination, chemical resistant confirming to the requirement of ASTM D-543-04.</p> <p>Dimensions in MM For 15 Litres Top 242 (+/- 5%) Bottom 212 (+/- 5%) Height 340 (+/- 5%) Lid Fully/partial openable with the help of foot pedal Durability Reusable, Washable, absolutely smooth and sanitary to satisfy the critical needs of SWM</p>	<p>General Specifications One piece Blow Molded, Heavy Duty Waste Bin of approx. 15 Liters net capacity made of virgin grades of polyethylene material manufactured absolutely smooth and sanitary, chemical resistant , blended with stabilizers , Anti corrosive , Non toxic and from joints , welds or rims. Provided with molded projections and provided with molded Lid to prevent spread of smell, mosquitoes etc. meant for segregation of waste at source in Bio – degradable waste in Green and Blue color ideal for storage and Handling of Solid Waste to satisfy the critical requirements of MSW 2000.</p> <p>Material Virgin grade of High Molecule High Density Polyethylene (HMHDPE) material, absolutely non – toxic , free from any contamination, chemical resistant on forming to the requirement of ASTM D – 543 – 04. Material should have more than 250 kg / Cm / cm as per ASTM D 256. Average overall thickness should be 1.5 mm</p> <p>Tolerances: (+ / - 5 %)</p> <p>Dimensions in MM For 15 Litres Top Should Not Be less then 265 MM Bottom Should Not Be less then OD 218 MM Height (Without Lid): 292 X 80 mm approx. (Overall): 370 mm approx</p> <p>Lid In this type of bins pedal is not strong enough to give longer life. Also his is not practical. Hence in this case removable lids like 10L and 20L to be incorporated. Municipal corporations all over the India are using normal removable lids due to its durability. Kindly incorporate removable lids</p> <p>Durability The Basket is One Piece Molded, Non Toxic, Strong and Sturdy, Reusable, Washable, absolutely smooth and sanitary to satisfy the critical needs of SWM 2000.</p>	<p>Bid Condition Prevails</p>
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8	<p>point no. 47. Twin Pole Mounted Bin with MS Frame (100/125 Litres) PAGE NO. 109 OF VOLUME-2 OF 3 SCHEDULE OF SUPPLY</p>	<p>General Specifications: For 100 Litres “Litter Bins with Permanent Structure” are elegantly designed Litter collecting bins,moulded in one tough piece by state of the art Rotational Moulding process manufactured from Virgin Grade of Polyethylene material confirming to the requirement of IS 10146 – 1982; Non toxic, free from any contamination, chemical resistant, blended with stabilizers, Anti Corrosive and Anti Acidic, absolutely smooth and sanitary, chemical resistant, and free from joints, welds or rims, provided with fully open able Lid; open from either side for easy garbage drop even from distance and mounting accessories. Permanent Structure duly painted with proper anti corrosive paint, can be provided along with a plate welded at Bottom which is to be grouted in the ground ; ideal for Road Side collection and Storage of Raw Garbage to satisfy critical needs of Solid Waste Management.</p> <p>CAPACITY Not less then 100 Ltr Dimensions in MM For 100 Litres Top 500 x 500 mm Approx Bottom 350 x 350 mm Approx Height Not less than 690 mm Lid Fully open able lid, open from either side for easy garbage drop even from distance General Specifications: For 125 Litres</p> <p>“Litter Bins with Permanent Structure” are elegantly designed Litter collecting bins,moulded in one tough piece by state of the art Rotational Moulding process manufactured from Virgin Grade of Polyethylene material confirming to the requirement of IS 10146 – 1982; Non toxic, free from any contamination, chemical resistant, blended with stabilizers, Anti Corrosive and Anti Acidic, absolutely smooth and sanitary, chemical resistant, and free from joints, welds or rims, provided with fully openable Lid; open from either side for easy garbage drop even from distance and mounting accessories. Permanent Structure made out of heavy pultruded plastics square section to be provided along with a plate fabricated at Bottom which is to be grouted in the ground ; ideal for Road Side collection and Storage of Raw Garbage to satisfy critical needs of Solid Waste Management.</p> <p>Dimensions in MM For 125 Litres (+/- 5 %) Top 500 x 500 mm Approx Bottom 350 x 350 mm Approx Height Not less than 1050 mm with Lid</p> <p>Heavy Duty Plastics Structure : The Plastics Pole shall be of square section of size 50 MM x 50 MM x 3 MM thickness having total height of 1200 MM which shall be fitted with horizontal member of same material section and 2 MS Plates at the at bottom. The plastics square Sections must be fabricated with the help of suitable MS Plates, Nuts, bolts, rivets etc to make the same sturdy.</p>	<p>General Specifications: For 100 Litres</p> <p>One Piece Molded, Heavy Duty Waste Bin of approx. 100 Liters capacity made out of FDA approved virgin grades of Polyethylene material Virgin Grade of Polyethylene material confirming to the requirement of IS 10146 – 1982, Non toxic, free from any contamination, chemical resistant, blended with stabilizers, Anti Corrosive and Anti Acidic manufactured from Injection Molding Process absolutely smooth and sanitary, chemical resistant, blended with stabilizers, Anti Corrosive, Anti Acidic, Non toxic and free from joints, welds or rims; provided with fully open able unique lid, open from either side for easy garbage drop even from distance, ideal for Storage and Handling of Solid Waste to satisfy the critical requirements of MSW 2000.</p> <p>CAPACITY Not less then 115 Ltr Dimensions in MM For 100 Litres Top Should not be less than 495 x 495 mm Approx Bottom Should not be less than 363 x 363 mm Approx additiona ribs at bottom for extra strenth Height Should not be less than 690 mm Lid Half round design without sharp corners, designed with two openings for easy garbage drop even from distance</p> <p>General Specifications: For 125 Litres One Piece Molded, Heavy Duty Waste Bin of approx. 100 Liters capacity made out of FDA approved virgin grades of Polyethylene material Virgin Grade of Polyethylene material confirming to the requirement of IS 10146 – 1982, Non toxic, free from any contamination, chemical resistant, blended with stabilizers, Anti Corrosive and Anti Acidic manufactured from Injection Molding Process absolutely smooth and sanitary, chemical resistant, blended with stabilizers, Anti Corrosive, Anti Acidic, Non toxic and free from joints, welds or rims; provided with fully open able unique lid, open from either side for easy garbage drop even from distance, ideal for Storage and Handling of Solid Waste to satisfy the critical requirements of MSW 2000.</p> <p>Dimensions in MM For 125 Litres (Tolerance in dimension - + / - 2% ) Top Should not be less than 553 (L) x 473 (B) mm approx Bottom Should not be less than 493(L) x 443 (B) mm approx Height Should not be less than 873 mm approx. without lid mm approx. 940 with lid mm approx.</p> <p>Heavy Duty MS Structure FOR 100 &amp; 125 Ltr bins: The bin shall be provided with single piece anti-skid pulling handle.</p> <p>The dust bin shall be mounted on Two Legged G.I Pole class R 40MM</p>	<p>Bid Condition Prevails</p>
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	<p>Point no. 48. Two Wheeled Dustbin Plastic 240L Capacity PAGE NO. 114 OF VOLUME-2 OF 3 SCHEDULE OF SUPPLY</p>	<p>General</p> <p>Specifications: Wheeled Waste Bins are elegantly designed one piece moulded plastics wheeled waste bins of 240 Litres capacity manufactured out of state of the art Blow Moulding process for higher impact strength; manufactured from High Molecular High Density Polyethylene material confirming to the requirement of IS 7328 – 1992; Non toxic, free from any contamination, chemical resistant, blended with stabilizers, Anti Corrosive and Anti Acidic, absolutely smooth and sanitary, chemical resistant, and free from joints, welds or rims, provided with fully open able top lid made out of High Molecular High Density Polyethylene material from Thermoforming process for High Impact Strength and 2 Nos. of wheels; ideal for Roadside Collection and storage of Raw Garbage to satisfy critical needs of Solid Waste Management.</p> <p>EN840</p> <p>Material Virgin grade of High Molecular High Density</p>	<p>General</p> <p>Specifications: Wheeled Waste Bins are elegantly designed one piece moulded plastics wheeled waste bins of 240 Litres capacity manufactured out of FDA approved virgin grades of Polyethylene material Virgin Grade of Polyethylene material confirming to the requirement of IS 10146 – 1982, Non toxic, free from any contamination, chemical resistant, blended with stabilizers, Anti Corrosive and Anti Acidic manufactured from Injection Molding Process absolutely smooth and sanitary, chemical resistant, blended with stabilizers, Anti Corrosive, Anti Acidic, Non toxic and free from joints, welds or rims; provided with fully open able unique lid, open from either side for easy garbage drop even from distance, ideal for Storage and Handling of Solid Waste to satisfy the critical requirements of MSW 2000.ideal for Roadside Collection and storage of Raw Garbage to satisfy critical needs of Solid Waste</p>	

9		<p>Polyethylene (HMHDPE) material, absolutely non-toxic, free from any contamination, chemical resistant confirming to the requirement of ASTM D – 543-04.</p> <p>Dimensions in MM For 240 Litres (+/- 5 %)</p> <p>Top Should not less than 650 x 550mm</p> <p>Bottom Should not less than 300x 460 mm</p> <p>Height not less than 1060 mm (Tolerance : +/- @5%)</p> <p>Lid Fully open able provided with a moulded strengthening Ribs; made out of Virgin grade of LLDPE material; moulded in one piece from unique Rotational moulding process in Black (UV) stabilized colour</p> <p>Wheels Diameter : Not less than 225 mm (+/- 5mm)</p> <p>Width : Not less than 40 mm (+/- 5 mm) Material : Special Polymeric material</p>	<p>Management.</p> <p>EN840 Municipal corporations all over India are using EN840 standard waste bins, as these are Universal bins, Hence Kindly Incorporate " Bins Must Have EN840 Standards. Certificate to be enclosed" Just like as mentioned in 660 L Bins.</p> <p>Material Virgin Grade of Polyethylene material confirming to the requirement of IS 10146 – 1982, Non toxic, free from any contamination, chemical resistant, blended with stabilizers, Anti Corrosive and Anti Acidic.</p> <p>Dimensions in MM For 240 Litres (+/- 5 %)</p> <p>Top Should not be less than 575 (L) x 735 (B) mm approx</p> <p>Bottom Should not be less than 545 (L) x 645(B) mm approx</p> <p>Height Should not be less than 995 mm approx. without lid mm approx. 1080. with lid mm approx.</p> <p>Lid Fully open able provided with a moulded strengthening Ribs; made out of Virgin grade of HDPE material; moulded in one piece from unique injection moulding process in (UV) stabilized colour</p> <p>Wheels AS PER EN840 The bins shall have two solid rubber wheels of 200 mm dia (+ / - 10 mm ), width of 50 mm (+/- 10 mm ) shall be easy fix to the axle, which shall be corrosion resistant. At the bottom of the bins should be provided with rubberized shock absorber to sustain the impact during usage.</p>	Bid Condition Prevails
10	Point no.49. Underground Bin System for 1.1 Cum PAGE NO. 115 OF VOLUME-2 OF 3 SCHEDULE OF SUPPLY	Material NOT MENTIONED	Material Hear there is no mention about the molding process or row material used. Kindly let us know the same with specifications of Bins req.	Bid Condition Prevails
11	Point no.43. Plastic Secondary Storage Bins 1100 Litre PAGE NO. 104 OF VOLUME-2 OF 3 SCHEDULE OF SUPPLY	EN840	EN840 Here we are requesting you to kindly incorporate EN 840 Standard	Bid Condition Prevails

12	Point No. 50. Free Stand Litter Bin PAGE NO. 117 OF VOLUME-2 OF 3 SCHEDULE OF SUPPLY	Technical Specifications of Waste Bins One Piece Moulded, Heavy Duty Waste Bin of approx. 100 Litres capacity made out of FDA approved virgin grades of Polyethylene material manufactured from Rotational Moulding Process / Blow Moulding Process absolutely smooth and sanitary, chemical resistant, blended with stabilizers, Anti Corrosive, Anti Acidic, Non toxic and free from joints, welds or rims; provided with fully openable unique lid, open from either side for easy garbage drop even from distance, ideal for Storage and Handling of Solid Waste to satisfy the critical requirements of MSW 2000. Capacity Container of not less than 100 Litres capacity Material Virgin Grade of Polyethylene material confirming to the requirement of IS 10146 – 1982, Non toxic, free from any contamination, chemical resistant, blended with stabilizers, Anti Corrosive and Anti Acidic. Dimensions Top Should not be less than 490 mm. Bottom Should not be less than 340 mm Height Should not be less than 690 mm	Technical Specifications of Waste Bins One Piece Molded, Heavy Duty Waste Bin of approx. 100 Liters capacity made out of FDA approved virgin grades of Polyethylene material Virgin Grade of Polyethylene material confirming to the requirement of IS 10146 – 1982, Non toxic, free from any contamination, chemical resistant, blended with stabilizers, Anti Corrosive and Anti Acidic manufactured from Injection Molding Process absolutely smooth and sanitary, chemical resistant, blended with stabilizers, Anti Corrosive, Anti Acidic, Non toxic and free from joints, welds or rims; provided with fully openable unique lid, open from either side for easy garbage drop even from distance, ideal for Storage and Handling of Solid Waste to satisfy the critical requirements of MSW 2000.  Capacity Not less than 115 Ltr Material FDA approved virgin grades of Polyethylene material Virgin Grade of Polyethylene material confirming to the requirement of IS 10146 – 1982, Non toxic, free from any contamination, chemical resistant, blended with stabilizers, Anti Corrosive and Anti Acidic Dimensions Top Should not be less than 495 x 495 mm Approx Bottom Should not be less than 363 x 363 mm Approx additiona ribs at bottom for extra strenth Height Should not be less than 690 mm	Technical Specifications of Waste Bins One Piece Moulded, Heavy Duty Waste Bin of approx. 100 Litres capacity made out of FDA approved virgin grades of Polyethylene material manufactured from Injection Molding Process or Rotational Moulding Process / Blow Moulding Process absolutely smooth and sanitary, chemical resistant, blended with stabilizers, Anti Corrosive, Anti Acidic, Non toxic and free from joints, welds or rims; provided with fully openable unique lid, open from either side for easy garbage drop even from distance, ideal for Storage and Handling of Solid Waste to satisfy the critical requirements of MSW 2000. Capacity Container of not less than 100 Litres or 115 Litre capacity Material Virgin Grade of Polyethylene material confirming to the requirement of IS 10146 – 1982, Non toxic, free from any contamination, chemical resistant, blended with stabilizers, Anti Corrosive and Anti Acidic. Dimensions Top Should not be less than 490 mm. Bottom Should not be less than 340 mm Height Should not be less than 690 mm
<b>Zonta Infratech</b>				
1	Volume-I: Bidding Procedures, NIT, 3. Eligibility Criteria	A manufacturer's Authorization form along with a declaration from OEM (Both of the OEM and the authorized business partner must have ISO Certification)	We bring to the kind notice of the Authority that the concept of underground bins and modern portable compactors is recently being introduced in India and the authorized business partners dealing with these systems are not long established players though competent. Thus to enable prospective competent players to bid/get empanelled, we humbly request the authority to consider either of the OEM or the authorized business partners to be ISO Certified or equivalent or higher level certified.	Bid Condition Prevails
2	Volume-I: Bidding Procedures, NIT, 3. Eligibility Criteria	The Bidder should have the dealer/distributor/business partner of specific OEM for Particular product for at least consecutive last 5 years as on 15.11.2016	As mentioned above, the concept of modern waste collection systems including underground bins, modern portable compactors is recently being introduced in India and thus we request the authority to allow the bidders who have active dealership/distribution/partnership with OEM as on 15.11.2016. The same shall be supported with the MAF to be submitted as per annexure 4.	Bid Condition Prevails
3	Volume-I: Bidding Procedures, NIT, 3. Eligibility Criteria	Should be an ISO 9001:2008 or equivalent or higher level certified company and BIS certified manufacture company in respect manufacturing, assembly, processing of Goods	For the above stated reasons, we humbly request the authority to allow ISO Certified OEM confirming the Product and Manufacturing Process Quality to be considered as valid to enable competent players to participate and get empanelled.	Bid Condition Prevails

4	Volume-I: Bidding Procedures, Eligibility Criteria	3. Portable compactor 10/16 Cum Capacity: Minimum value/No. of Cumulative order in 5 years (175 Lakhs or 5 numbers)	We are proposing modern portable compactor/press containers with hydraulic tilter which can accept waste directly from auto rickshaw or cycle rickshaw tippers. These system are proven system across the globe and newly being introduced in India, thus, we request you to kindly allow introducing of these kind of modern equipment in the better interest of the city.	Bid Condition Prevails
5	Volume-I: Bidding Procedures, Earnest Money Deposit	3. EMD for each equipment/goods (ref clause EMD Index) EMD amount in form of Bank Guarantee/DD	We request you to please confirm if the EMD in the form of DD is accepted because in the ITB clause 1.8 only BG is mentioned to be accepted. We also bring to your kind notice that as per bank regulations a DD is issued only for 90 days and the same can be renewed for another 90 on expiry. Kindly please confirm.	Bid Condition Prevails