

Bid Document

| Bid Details | |
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| Bid End Date/Time | 27-07-2020 18:00:00 |
| Bid Opening Date/Time | 27-07-2020 18:30:00 |
| Bid Life Cycle (From Publish Date) | 90 (Days) |
| Bid Offer Validity (From End Date) | 30 (Days) |
| Ministry/State Name | Chhattisgarh |
| Department Name | Urban Development Department Chhattisgarh |
| Organisation Name | N/a |
| Office Name | Ambikapur Municipal Corporation |
| Total Quantity | 2 |
| Item Category | Mobile Toilet |
| Experience Criteria | 3 Year (s) |
| MSE Exemption for Years of Experience and Turnover | No |
| Startup Exemption for Years of Experience and Turnover | No |
| Document required from seller | Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer |
| Past Performance | 80 % |
| Bid to RA enabled | No |
| Inspection Required | No |

EMD Detail

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| Required | No |
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ePBG Detail

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| Required | No |
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Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some

quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Mobile Toilet (2 pieces)

Technical Specifications

* [As per GeM Category Specification](#)

| Specification | Specification Name | Values | Bid Requirement (Allowed Values) |
|---------------|-------------------------------|--|--|
| GENERIC | Mode of Supply | Assembled Ready To Use | Assembled Ready To Use, Knocked Down To Be Assembled At Consignee Site By The Seller, Knocked Down To Be Assembled At Consignee Site By Consignee Himself |
| | Number of Compartments | 10-seater mobile toilet | 4-seater mobile toilet, 6-seater mobile toilet, 8-seater mobile toilet, 10-seater mobile toilet |
| | Type of WC | Indian with ceramic base | Indian with ceramic base, Indian with steel base, Indian with FRP, Indian(FRP) with integrated facility(With floor), European with ceramic base, European with steel base |
| | Number of WC | 10 | * |
| | Number of Bathrooms | 0 | * |
| | Number of Urinals | 0 | * |
| | Water facility | By mean of overhead tank(Capacity 1200Ltrs) | By mean of overhead tank(Capacity 200Ltrs), By mean of overhead tank(Capacity 300Ltrs), By mean of overhead tank(Capacity 500Ltrs), By mean of overhead tank(Capacity 1000Ltrs), By mean of overhead tank(Capacity 1200Ltrs), Direct connection from external supply |
| | Wash basin | 2 Nos. outside the Unit with common facility | 1 No. in each WC unit(inside), 1 No. in each WC and Urinal unit, 2 Nos. outside the Unit with common facility, 4 Nos. outside the Unit with common facility |
| | Sewage facility | Sludge tank (capacity-1200ltrs) with 100mm outlet facility | Sludge tank (capacity-400ltrs) with 100mm outlet facility |

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| | | through butterfly valve and hose pipe(For 10-seater) | through butterfly valve and hose pipe(For 4-seater), Sludge tank (capacity-600ltrs) with 100mm outlet facility through butterfly valve and hose pipe(For 6-seater), Sludge tank (capacity-1400ltrs) with 100mm outlet facility through butterfly valve and hose pipe(For 8-seater), Sludge tank (capacity-1200ltrs) with 100mm outlet facility through butterfly valve and hose pipe(For 10-seater), Sludge tank (capacity-2000ltrs) with 100mm outlet facility through butterfly valve and hose pipe(For 10-seater), Provision for directly connected to septic tank/sewage |
| | ventilation | Full size cross ventilation | One No., Two No., Full size cross ventilation |
| | Top(roof) shape | Slanting/tapper | * |
| | Projection of Roof | NO projection | 50mm projection on all the four sides(slanting shape), 100mm projection from front and 50mm projection on other sides(slanting shape), 50mm projection from front and 25mm projection on other sides(slanting shape), NO projection |
| | Installation and commissioning | To be done by seller | To be done by seller, To be done by Consignee himself |
| | Plumbing and Sanitation fitting connections | To be done by seller | To be done by seller, To be done by Consignee himself |
| | Electrical connections | To be done by seller | To be done by seller, To be done by Consignee himself |
| | Waste extraction fitting | To be done by seller | To be done by seller, To be done by Consignee himself |
| | Civil foundation | No foundation required | No foundation required, Required - To be done by seller, Required - To be done by consignee himself |
| TRAILER STRUCTURAL MATERIAL | Trailer frame(Chassis) material with support material including pathway | 100mm X 50mm C-channel MS - 75mm X 37.5mm C-channel MS - 40mm X 40mm X 5mm (thick) MS angle - 40mm X 40mm X 5mm (thick) MS Tee - 35mm X 35mm X 5mm (thick) MS angle and 25mm X 25mm X 3mm (thick) MS angle for 4-seater/6-seater/8-seater and 10-seater | 100mm X 50mm C-channel MS - 75mm X 37.5mm C-channel MS - 40mm X 40mm X 5mm (thick) MS angle - 40mm X 40mm X 5mm (thick) MS Tee - 35mm X 35mm X 5mm (thick) MS angle and 25mm X 25mm X 3mm (thick) MS angle for 4-seater/6-seater/8-seater and 10-seater, 75/70 X 40/35 mm channel section - 35 X 35 X 5 mm angle iron - |

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| | | | 50 X 25 x 1.6 mm MS pipe and cross support of 20 X 20 X 1.6 mm MS pipe |
| | Railing material | 38mm X 25mm MS pipe of thickness 1.2-1.5mm (for 4-seater, 6-seater, 8-seater & 10-seater) | 38mm X 25mm MS pipe of thickness 1.2-1.5mm (for 4-seater, 6-seater, 8-seater & 10-seater), 38mm X 25mm SS pipe of thickness 0.6-0.8mm (for 4-seater, 6-seater, 8-seater & 10-seater), 20mm round pipe fixed on sliding platform |
| | Trailer understructure | Spring leaves 914mm with 13 leaves for 8-seater and 10-seater | Spring leaves 710mm with 9 leaves for 4-seater and 6-seater, Spring leaves 914mm with 13 leaves for 8-seater and 10-seater |
| | Turn table/rotor | 100mm X 50mm MS channel and 10mm thick MS plate plus spring ply 40mm X 5mm | * |
| | Pathway passage/slide platform | Aluminum chequerd sheet having width of 455mm | * |
| | Stairs frame material | 35mm x 35mm X 5mm MS angle and 25mm x 25mm x 3mm MS angle with 25mm x 3mm MS Flat | * |
| | Stairs size | 710mm X 230mm having 4-step for 1420mm Height and 735mm width stair | * |
| | Locking | Locking pins to be provided for lock the platform | * |
| | Tow bar | Made of 100 X 50 mm channel section with easy detachable and connect with turn table | Made of 100 X 50 mm channel section with easy detachable and connect with turn table, Without Tow Bar |
| FRAME MATERIAL | Side panel frame material | 35mm X 35mm X 5mm(thick) ,25mm X 25mm X 3mm(thick) MS angle (for 4-seater/6-seater/8-seater & 10-seater) | 35mm X 35mm X 5mm(thick) ,25mm X 25mm X 3mm(thick) MS angle (for 4-seater/6-seater/8-seater & 10-seater), No side frame structure |
| | Top(roof) frame material | 40mm X 40mm X 5mm(thick) ,35mm X 35mm X 5mm(thick),25mm X 25mm X 3mm(thick) MS angle | 40mm X 40mm X 5mm(thick) ,35mm X 35mm X 5mm(thick),25mm X 25mm X 3mm(thick) MS angle, NO top(roof) frame structure |
| | Top(roof) support frame structure | 40mm X 5mm(thick),35mm X 5mm(thick),25mm X 3mm(thick) MS flat | 40mm X 5mm(thick),35mm X 5mm(thick),25mm X 3mm(thick) MS flat, NO top(roof) support frame |
| | Partition frame material | 35mm X 35mm X 5mm(thick),25mm X 25 mm X 3mm(thick) MS angle | 35mm X 35mm X 5mm(thick),25mm X 25 mm X 3mm(thick) MS angle, NO partition frame material |
| | Ventilation frame material | 25mm X 25mm X 3mm(thick) flat MS | * |

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| | Door frame material | 50mm X 25mm of 14-16gauge rectangular MS hollow pipe | 50mm X 25mm of 14-16gauge rectangular MS hollow pipe, 50mm X 25mm of 14-16gauge rectangular SS hollow pipe, No door frame material |
| | Support material for Door panel fixing | Aluminium U-channel of 18gauge | Aluminium U-channel of 18gauge, SS U-channel of 18gauge, No support material |
| | Door hinges(two numbers) | 75mm size with 1.2-1.5mm thickness MS | * |
| | Tank holder frame material | 25mm X 3mm (thick) MS flat | 25mm X 3mm (thick) MS flat, 1125mm X 820mm outer ring(tubular structure)-MS |
| PANEL MATERIAL | Side panel material | 18 gauge MS sheet | 5mm thick ply core sandwich with 1mm thick FRP from both sides(5+1+1mm), 18 gauge MS sheet, Fitted with plastic light weight LLDPE roto moulded, Zero spangled cold rolled 120 GSM galvanised(galvano) powder coated 40mm thick EPS panel(EPS Density-16Kg/CuM EPS thickness-38mm and steel sheet thickness 0.6mm 275MPA), 18 gauge aluminum sheet, corrugated steel sheet, Insulated walls to be made of continue line sandwich panels with 0.35mm thick pre-coated steel sheet(PPGI SHEET) having 120 GSM with minimum 4 microns epoxy primer on both sides of sheet and polyester top coat min 15 microns on both sides of PUF with polyurethane foam(PUF) thickenss-38mm having density 40kg/CUM ± 2 kg/CUM |
| | Top(Roof) panel material | 4mm poly carbonate sheet fitted on top | 2mm thick FRP translucent sheet, 5mm thick ply core sandwich with 1mm thick FRP from both side(5+1+1 mm), Zero spangled cold rolled 120 GSM galvanised(galvano) powder coated 40-70mm thick taper roof EPS panel(EPS Density-16Kg/CuM EPS thickness-38mm and steel sheet thickness 0.6mm 275MPA), 4mm poly carbonate sheet fitted on top, Fitted with plastic light weight LLDPE roto moulded, 4mm polycarbonate sheet with U channel for water |

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| | | drain, Insulated walls to be made of continue line sandwich panels with 0.35mm thick pre-coated steel sheet(PPGI SHEET) having 120 GSM with minimum 4 microns epoxy primer on both sides of sheet and polyester top coat min 15 microns on both sides of PUF with polyurethane foam(PUF) thickenss-38mm having density 40kg/CUM ± 2 kg/CUM |
| Door panel material | Outside paneling of 18 gauge aluminum sheet(corrugated sheet) | 5mm thick ply core sandwich with 1mm thick FRP from both sides(5+1+1mm), Single layer 3mm thick FRP, Zero spangled cold rolled 120 GSM galvanised(galvano) powder coated with necessary stiffeners (steel sheet thickness 0.6mm 275MPA), Outside paneling of 18 gauge aluminum sheet(corrugated sheet), Fitted with plastic light weight LLDPE roto moulded, Insulated walls to be made of continue line sandwich panels with 0.35mm thick pre-coated steel sheet(PPGI SHEET) having 120 GSM with minimum 4 microns epoxy primer on both sides of sheet and polyester top coat min 15 microns on both sides of PUF with polyurethane foam(PUF) thickenss-38mm having density 40kg/CUM ± 2 kg/CUM |
| partition panel material | Zero spangled cold rolled 120 GSM galvanised(galvano) powder coated 40mm thick EPS panel(EPS Density-16Kg/CuM EPS thickness-38mm and steel sheet thickness 0.6mm 275MPA) | 5mm thick ply core sandwich with 1mm thick FRP from both sides(5+1+1mm), Single layer 3mm thick FRP, Zero spangled cold rolled 120 GSM galvanised(galvano) powder coated 40mm thick EPS panel(EPS Density-16Kg/CuM EPS thickness-38mm and steel sheet thickness 0.6mm 275MPA), Fitted with plastic light weight LLDPE roto moulded, Insulated walls to be made of continue line sandwich panels with 0.35mm thick pre-coated steel sheet(PPGI SHEET) having 120 GSM with minimum 4 microns epoxy primer on both sides of sheet and polyester top coat min 15 microns on both |

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| | | | sides of PUF with polyurethane foam(PUF) thickness-38mm having density 40kg/CUM \pm 2 kg/CUM |
| | Floor material | Anti skid tile finish floor inside toilet | 5mm thick FRP material, 1.5-2.0mm thick SS 304 material, Fitted with plastic light weight LLDPE roto moulded, Anti skid tile finish floor inside toilet |
| DIMENSION | Size of each cubical(LXWXH) \pm 25mm | 890mm X 840mm X 1980mm | 890mm X 840mm X 1980mm, 915mm X 915mm X 1980mm, 1220mm X 915mm X 1980mm, 915mm X 435mm X 1955mm, 1220mm X 1220mm X 1980mm, 1000mm X 915mm X 2000mm, 1143mm x 890mm x 1980mm, 1778mm x 1143mm x 1980mm, 3658mm x 2438mm x 1980mm, 4877mm x 2438mm x 1980mm |
| | Door size(WxH) \pm 20mm | 610mm X 1750mm | * |
| | Ventilation size(WXH) \pm 10mm | 838mm X 150mm(above door) plus 838mm X 75mm(opposite side) | * |
| | Partition height \pm 20mm | 1830mm | * |
| | Single pan size \pm 10mm | As per buyer's choice | * |
| | Overall Length(mm) \pm 25mm | 5590mm for 10-seater | * |
| | Overall Width including pathway(mm) \pm 25mm | 3200mm (with path way) for 10(in two rows) seater and 2100mm without pathway | 2700mm for 4/6/8 and 10-seater, 2438mm for 4 and 6 seater, 3200mm (with path way) for 10(in two rows) seater and 2100mm without pathway |
| | Total height \pm 25mm | 3200mm | * |
| SEWAGE SUCTION UNIT | Capacity of sewage suction unit | 5000Ltr | * |
| | Length of sewage suction unit \pm 25mm | 3355mm for 6000Ltr | * |
| | Width of sewage suction unit \pm 15mm | 1830mm for 4000Ltr, 5000Ltr and 6000Ltr | * |
| | Capsule Diameter | 1525mm | * |
| | Capsule Thickness | 5mm round and 6mm Front and Back | * |
| | Chassis size of sewage suction unit | 205mm x 75mm | * |
| | Suction pump | 7.5 HP | * |
| | Valve for sewage suction unit | Butterfly valve of 100mm | * |
| | Axle for sewage suction unit | 89mm x 1675mm for 4000ltr capacity | * |

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| MISC | Tyres for sewage suction unit | Two nos. of size 9.00 x 20ply for 4000ltrs. | * |
| | Spring leaves for sewage suction unit | Two nos. of size 914mm with 13 leaves in each for 4000ltrs. | * |
| | Door locking bolts | Size 100mm of MS | * |
| | Tower bolt locking | Tower bolt of MS size 75mm | * |
| | Overhead Tank material | made of double layer HDPE sheet | * |
| | Wash basin material | made of FRP(fiber reinforced plastic) | * |
| | WC material | made of FRP(fiber reinforced plastic) | * |
| | Towel rail/ring | made of plastic | * |
| | Cloth hook | made of aluminium | * |
| | P-trap material | made of HDPE(75mm) | * |
| | Footrest(WC) material | N.A | made of FRP integrated with Indian WC and floor, made of SS 304 integrated with Indian WC and floor, made of Ceramic integrated with Indian WC and floor, N.A |
| | Sewage tank material | Sludge tank made of FRP 4mm(for 4-seater/6-seater/8-seater & 10-seater) | * |
| | Mirror size | 455mm X 305mm | 455mm X 305mm, 380mm X 255mm, NO mirror |
| | Electric provision | By mean of connection from external supply | * |
| | Sewage provision | Connected to bio-digester | * |
| | Level indicator provision | To be provided in every sewer / sludge tank to know the level of sludge and plan to get it evacuated | * |
| | Water supply connection | UPVC pipe connection with all toilet interconnecting | * |
| | Seat cistern fitting | Ceramic cistern to toilet seat | By PVC flush pipe to toilet seat, Ceramic cistern to toilet seat, NO cistern |
| | Soap stand | Plastic made Size:125 X 75 mm | * |
| | Tap material | Chrome plated | * |
| | Base floor surface | To be suitably slanted towards WC for proper drainage(for Indian WC) | * |
| | Trailer Movement facility | Two axle of 57mm X 57mm X 2133mm with 4-tyres of size 7.50 X 16 with hubs and bearings for 8-seater and 10-seater | Two axle of 50mm X 50mm X 1828mm with 4-tyres of size 6.00 X 16 with hubs and bearings for 4-seater and 6-seater, Two axle of 57mm X 57mm X 2133mm with 4-tyres of size 7.50 X 16 with hubs and bearings for 8-seater and 10-seater, |

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| | | | One axle of 50mm X 50mm X 1828mm with 2-tyres of size 6.00 X 16 with hubs and bearings for 4-seater and 6-seater, One axle of 89mm X 89mm X 1676mm with 2-tyres of size 9.00 X 20 with hubs and bearings for sludge unit, One axle of 89mm X 89mm X 1778mm with 2-tyres of size 9.00 X 20 with hubs and bearings for sludge unit, two axle on 75 X 75 mm with hub of 8 bolt with bearing size 32213 with 4-tyres of size 7.5 X 16 |
| | Provision for vent pipe | From sludge/Septic tank | * |
| | Water mug(standard size) | Plastic made | * |
| | Electric point | 1 No. electric point to be provided in all toilet 2 watt LED | * |
| | Stand provision to keep mobile toilet in static position | To keep safe Tyre, Tube , rim and their maintenance | * |
| COLOUR & FINISH | Colour of cabin | As per buyer's choice | * |
| | Finish | With Primer and Paint | * |
| CERTIFICATION | Test reports to be furnished to buyer's on demand | YES | * |
| | OEM of offered product is ISO 9001:2015 certified | YES | * |
| WARRANTY | Warranty period in number of years | 1 | 1, 2, 3 |

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address | Quantity | Delivery Days |
|-------|-----------------------------|--|----------|---------------|
| 1 | Awadhesh Kumar Pandey N | 497001,Municipal Corporation Ambikapur,Administrative Building, Kedarpur Water tank, Ambikapur | 2 | 15 |

Bid Specific Additional Terms and Conditions

- 1.Experience Criteria: The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for 3 years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.
- 2.IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
- 3.Scope of supply (Bid price to include all cost components) : Only supply of Goods
- 4.ISO 9001: The bidder must have ISO 9001 certification.
- 5.Timely Servicing / rectification of defects during warranty period: After having been notified of the defects /

service requirement during warranty period, Seller has to complete the required Service / Rectification within 7 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

6. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---