

Bid Document

| Bid Details | |
|--|--|
| Bid End Date/Time | 21-07-2020 17:00:00 |
| Bid Opening Date/Time | 21-07-2020 17:30:00 |
| Bid Life Cycle (From Publish Date) | 90 (Days) |
| Bid Offer Validity (From End Date) | 75 (Days) |
| Ministry/State Name | Bihar |
| Department Name | Urban Development And Housing Department |
| Organisation Name | Urban Development And Housing Department |
| Office Name | Nagar Panchayat Silao |
| Total Quantity | 15 |
| Item Category | E Cart for Garbage with Tipping Facility |
| Bidder Turnover (Last 3 Years) | 23 Lakh (s) |
| OEM Average Turnover (Last 3 Years) | 85 Lakh (s) |
| 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,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 |
| Bid to RA enabled | Yes |
| Inspection Required | No |

EMD Detail

| | |
|-------------------|---------------------|
| Advisory Bank | State Bank of India |
| EMD Percentage(%) | 2.00 |
| EMD Amount | 98400 |

ePBG Detail

| | |
|----------|----|
| Required | No |
|----------|----|

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Executive Officer

Nagar Panchayat Silao, urban development and housing department, urban development and housing department,
(Rajesh Kumar)

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. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

E Cart For Garbage With Tipping Facility (15 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

| Specification | Specification Name | Values | Bid Requirement (Allowed Values) |
|--------------------|--------------------|---|----------------------------------|
| Generic Parameters | Type of E Cart | Fully Electric, Battery Operated Motor Driven for Carrying Bins | * |
| | | | |

| | | |
|---|-------------------------------------|-------------------------------------|
| Model Number of E- Cart | - | * |
| Colour of E Cart | - | * |
| The E Cart Must Fabricated From Good Quality Steel properly Painted to avoid Rusting for more than 5 Years, | YES | * |
| Name and Grade of Steel from which E Cart Body Framed | - | * |
| Kerb Weight of E- Cart (kg) | 220 | * |
| Garbage Carrying Capacity (kg) | 310 | 310.0 - 310.0 Or higher |
| Run Distance (for a Full Charge of Battery , to be tested with full load at maximum AIS-040)) (km) | 85 | More than 85.0 Or higher |
| Number of Bins | 2 | 2 |
| Capacity of Individual Bins in litres (Ltrs) | 150 | 150.0 |
| Type of Chassis for E cart | - | * |
| Ground Clearance as per IS : 9435 (mm) | 180 | * |
| Wheel Base (mm) | 2090 | More than 2090.0 Or higher |
| Turning Radius (mm) | 2000 | Less than 2000.0 Or lower |
| Power Transmission from Motor Shaft to Wheels | Direct Mounting | Direct Mounting |
| Please Specify the Mechanical Mechanism otherwise Put NA | - | * |
| Tipping Facility | Yes | * |
| Tipping Angle | 75 | 75.0 - 90.0 Or higher |
| Method of Tipping | Hydraulic | Hydraulic |
| If Others, mention the method of Tipping | - | * |
| Type of Battery as per AIS-048 | Lead Acid , EV Grade , Tubular Deep | Lead Acid , EV Grade , Tubular Deep |

| | | | |
|----------------|---|--|-----------------------------|
| | | Discharge | Discharge |
| | Capacity of the Battery approved by ICAT/ARAI (Ah) | 110 | 110.0 - 9999999.0 Or higher |
| | Battery Voltage ,Nominal (Volts) | 48V | 48V |
| | Maximum Overall Dimensions of the Battery (L x Wx H) (mm3) | - | * |
| | Nominal Filled Weight of the Battery (kg) | 115 | * |
| | Motor Controller (Must Suitable for starting, accelerating, decelerating, driving , and stopping of E Cart | - | * |
| | Battery Charger | 220/230 V Nominal Input Voltage , High Efficiency Type | * |
| | Charging Current (A) | 12 | * |
| | Type of Motor | Brushless DC Motor | * |
| | Motor Output Power ,48V/60V at Full Load (watt) | 1500 | 1500.0 - 2000.0 Or higher |
| | Overall Efficiency of the E Cart (to be tested at Full Load with maximum speed as per Concerned AIS standards (%) | 85 | 85.0 - 100.0 Or higher |
| | Gradeability of E-cart , (to be tested at full procedure as per AIS -003 Load (Degree) | 75 | * |
| Certification | Vehicle Certification | ICAT | ICAT |
| | If Vehicle Certification from Others Agency ,Name of the Agency otherwise put NA | - | * |
| | Vehicle Certification Number and Date | - | * |
| Constructional | Seating Facility | For Driver only | * |
| | Length of E -cart as per Gazette Notification by Ministry of Road and Transport Oct , 2014 (meters) | 2.8 | * |

| | | |
|---|---------------|---------------|
| Width of E -Cart as per Gazette Notification by Ministry of Road and Transport Oct, 2014 (meters) | 1 | * |
| Height of E -Cart as per Gazette Notification by Ministry of Road and Transport Oct , 2014 (meters) | 1.8 | * |
| Dimensions of the cabin Provided for Bins (mm x mm x mm) (mm3) | - | * |
| Size of Front Tyre (mm) | - | * |
| Size of Rear Tyre | - | * |
| Brake Type (Front) | - | * |
| Brake Type (Rear) | - | * |
| Suspension System (Front) | - | * |
| Suspension System (Rear) | - | * |
| Reverse Gear Facility | Yes | * |
| The Mounting of Batteries | Yes | * |
| Vehicle lighting System | Filament Type | Filament Type |
| Instrument Panel Containing Speedometer and Battery Charging Indicator | Yes | * |
| Glass Windshield with wiper motor as approved by ICAT/ARAI | No | * |
| Battery Make as per AIS :048:2009 | Others | Others |
| If others please specify the Name of Brand ,Otherwise put NA (as per AIS048 2009) | - | * |
| Equipped with Start and Stop Button, parking Lights , Back lights with Reverse Gear Facility | Yes | * |
| Equipped with Fire Extinguisher | Yes | * |

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|------------------------|--|-----|----------------------|
| Performance Parameters | Equipped with First Aid Box | Yes | * |
| | Yellow Color reflective tape on Front and Rear Side of the E Cart | Yes | * |
| | E Cart Integration , | Yes | * |
| | Speed of the E-Rickshaw as per CMVR -2014 with latest amndmt (to be tested with Full Load) (kmph) | 25 | * |
| | Battery Warranty | 1 | 1, 2, 3 Or higher |
| | No. Of Free Service | 2 | 2, 3, 4, 5 Or higher |
| | Compliance of Centre of Gravity of E Cart as a Compulsory Norms for Safety | Yes | * |
| | Confirming to Applicable Environmental Test | Yes | * |
| | Noise level must be Low during Operation | Yes | * |

* 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 | Prity Kumari | 803117,nagar panchayat, Silao | 15 | 60 |

Bid Specific Additional Terms and Conditions

1. OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
2. WORLD BANK TERMS AND CONDITIONS: Special Terms and Conditions as defined by world bank at [click here](#) will also be applicable. APPLICABLE ONLY IN CASE OF WORLD BANK FUNDED PROJECTS.
3. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

4. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
5. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
6. ISO 9001: The bidder must have ISO 9001 certification.
7. Procurement under this bid is reserved for purchase from Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the reservation benefit, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service.
8. 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.
9. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
10. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

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

---Thank You---