

## Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 12:00:00
Bid Opening Date/Time	25-07-2020 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Karnataka
Department Name	Urban Development Department Karnataka
Organisation Name	Directorate Of Municipal Administration
Office Name	Dudc Mandya
Total Quantity	6
Item Category	Electronic Weigh Bridge (Without Civil Work)
Bidder Turnover (Last 3 Years)	19 Lakh (s)
OEM Average Turnover (Last 3 Years)	19 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,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

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	77760

**ePBG Detail**

Advisory Bank	State Bank of India
ePBG Percentage(%)	5.00
Duration of ePBG required (Months).	2

(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:**

PD, DUDC, Mandya

DUDC Mandya, Urban Development Department Karnataka, Directorate of Municipal Administration, (Project Director, Dudc, Mandya)

**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.

3. 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.

**Electronic Weigh Bridge (Without Civil Work) ( 6 pieces )****Technical Specifications**

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Performance Parameters	The weigh bridge shall be rugged design with robust load cels and high quality precision Manufacturing	Yes	*
	Scope of Supply for the weigh bridge	Weigh Controller, Load Cells, Platform, Large Size LED Display, PC, Printer, UPS, , Model approval , Verification Stamping from legal metrology Dept , Ramp( in case of portable only)	*
	<b>Providing Required test load</b>	Yes	Yes
	<b>The test load requirements Provided</b>	500 kg	500 kg
	Scope of Supply do not Involve Civil work such as Foundation work, Cabin Construction and site preparation associated with installation of Weigh Bridge	Yes	*
	The required civil work regarding foundation ,cabin etc as applicable shall be got completed by buyer or consignee through their resources and seller shall furnish required drawing and other relevant information for approval immediately within 2 weeks of receipt of order	Yes	*
	<b>Type of Weigh Bridge</b>	Pit Mounted	Surface Mounted, Pit Mounted
	<b>Maximum Capacity of weigh Bridge in Tonnes</b>	50	50, 60
	<b>Graduation of weigh</b>	5	1, 2, 5, 10, 20, 50

CONSTRUCTION FEATURES	<b>bridge in KG</b>		
	Before supply of components of bridge the drawig of the entire set up should be got approved from the buyer/consinee	Yes	*
	<b>Warranty Period in Years</b>	1	1, 2, 3, 4, 5
	The design of weigh bridge shall be such that access to all load cells possible with minimum strain	Yes	*
	<b>The type of Construction of Weigh Bridge Plat form</b>	Fully welded structure	Modular enabling easy Assembly ,Transportation and adjustment of Size, Fully welded structure
	The details of platform construction with outline to be indicated in the drawings	Yes	*
	The Material Used for Platform Structure	Mild Steel meeting requirements under IS 2062	*
	<b>Length of the Platform required for weighing in meters</b>	9m	7.5 m, 9m
	<b>Width of the Plat form in meters</b>	3m	3m, 4 m, 4.5m
	Anti skid feature for Platform	Yes	*
	<b>Ramp length in mm</b>	1:10 for portable for 1 feet height 10 feet length	1:10 for portable for 1 feet height 10 feet length, NA ( For surface Mounted and Pit mounted)
	Weight of Platform structure in Kg	2.6	*
	Protection from rust and corrosion by way of suitable treatment and painting for the platform structure	Yes	*
	The platform structure should be able to bear twice the maximum capacity of weigh	Yes	*

	bridge		
load Cell	<b>Capacity of Load Cell in Tonnes</b>	10 ton	10 ton, 20 Ton, 30Ton, 40 Ton
	<b>No of Load Cell in the weigh bridge system</b>	6	4, 6, 8, 10, 12
	<b>Type of Load Cell</b>	Compression Type	Compression Type, Double ended Shear Beam Load Cell
	Accuracy Class of weigh bridge	Class III	*
	<b>Load cell technology</b>	Digital	Digital
	<b>Material of Body of Load Cell</b>	Stainless Steel	Stainless Steel
	Load cell to be hermentically sealed	Yes	*
	<b>Protection class for load cell</b>	IP67	IP 65, IP67, IP 68
	<b>Certification required for for load cell</b>	RRSL	RRSL, OIML
	Load cell to be protected from lightning	Yes	*
	<b>Auto rotation lock</b>	yes for compression type load cell	yes for compression type load cell, NA( For double endede shear beam load cell )
	shall be provided with water [roof connections	Yes	*
	Cabling for load cell	shielded 4 conductor cable	*
	<b>LENGTH of cable Provided for load cell in meters</b>	6	6, 9
	Should provide required cable from load cell to controller as per approved drawings	Yes	*
	Excitation Voltage in volts	0 to 15 V	*
	Maximum Rated Out Put of the Load Cell in mv/Volt	-1	*
	Load cell shall be provided with overload protection	Yes	*

Operating temperature range	Minus 20 to 50	*
load cell shall withstand hostile conditions due to extreme temperature ,lightning wind shock and vibration	Yes	*
<b>shall be provided with automatic diagnostics</b>	Yes	Yes, No
<b>shall be unaffected by off center loads</b>	Yes	Yes, No
canister design to be strong enough to withstand wear and tear and accidental damage due to harsh usage	Yes	*
<b>Rated ouput Repeatability in terms of FS</b>	0.05%	0.05%, 0.01%
<b>Overload rating SAFE</b>	125%	125%, 150%
Weigh Bridge Controller	Weigh Bridge Controller shall be microprocessor based	*
	Microprocessor Speed in MHZ	32
	Memory capacity in GB	1
	Electric Power Supply Requiremnts for the weigh bridge Controller	Single Phase
	The power supply shall be with EMI/RFI Filter and Spike Suppressor	Yes
	Type of Analog to Digital Converter	24 Bit
	Conversion speed of analog to digital converter in MHZ	32
	Key Board Port for connecting	Suitable PC Compatible key board
	Key Board Details of controller	-
	High voltage protection	Yes
	<b>Housing Protection for Digital Controller</b>	IP 40

Printer Port with controller	Yes	*
<b>Details of Printer type</b>	dot matrix 80 col	dot matrix 80 col, laser printer
<b>Printer Make</b>	epson	epson, tvse
Serial Port Provided	Yes	*
<b>USB port provided</b>	Yes	Yes, No
<b>No of digits of led display for weight</b>	6	6, 8
<b>Minimum character size of LCD Display</b>	16x2	16x2, 32x2, 40x2
Type of information displayed	Weight,Date and Time,vehicle no and type	*
<b>Provision for remote Display port</b>	Yes	Yes, No
Auto flicker display of weight	Yes	*
Configurable zero tracking	Yes	*
over and under range indication	Yes	*
Tare indication	Yes	*
Remote display to be connected to red LED seven segment display to indicate weight on platform	Yes	*
Display shall be configurable with decimal points	Yes	*
Type of reports which can be generated from the system	Date wise, Monthwise,Customer wise,Serial No wise,vehicle wise	*
Input Power Supply Requirements	Single Phase 230 V 50 HZ	*
Power consumption of controller unit in watts	1	*
Dimensions of unit	-	*
Operating temperature	minus 20 to 50	*
Weight of controller unit in KG	1	*
<b>Protection class for junction box for connection</b>	IP 65	IP 65, IP 66, IP 67, IP 68

<b>Surge protection for junction box</b>	Yes	Yes, No
Connection type for junction box	Terminals on PCB Mounted inside JB	*
<b>Material of construction for junction box</b>	STAINLESS STEEL	STAINLESS STEEL
<b>Back up time in hours</b>	2	2, 4, 6, NA if UPS not provided
System should be capable of giving connection to external it network system through suitable and reliable communicate cables and ports	Yes	*
Weigh Bridge management Software	User friendly Software for processing data date wise, truck wise, challan wise, shift wise, customer wise etc. for generation of daily / Weekly & monthly report. Preparing Transport Permit, Invoice etc.	*
Print out Provided by System	Monogram,address with phone,no,date at time of weighing,vehicle registration,gross weight,net weight,tare weight in kg,item particularly desription in minimum 32 space alphanumeric mode	*
Electrical work	All electrical connection from weigh bridge to our automation control room or as adviced by buyer and laying of the cables for complete integration of the Weighbridge. Providing all required socket, switch, cable, junction box of good quality to be used for weigh bridge.	*
All electrical equipment shall be tropicalized and shall have IP 54 Protection	Yes	*



	Provision of Earthing	Earthing to be provided as per IS-3043.	*
	Operating manual in original copy 3 SETS and Drawings and circuit diagrams to be provided	Yes	*
Additional parameters	FLOURSCENT LAMP WITH DRIP PROOF PROTECTIVE COVER TO BE PROVIDED FOR MAINTANANCE UNDER PLATFORM	Yes	*
	Spot light with suitable long cable to be provided	Yes	*
	<b>Number of additional load cell to be supplied</b>	1	1, 2, 3, Not supplied
	The supplies will be deemed to ebe completed only after installation and obtaining stamping of legal metrology Dept	Yes	*
	<b>UPS to be provided with the system</b>	Yes	Yes, No
	<b>Capacity of UPS</b>	1000KVA	1000KVA, NA(if not provided)
Reports	operating manual of machine 3 sets in english and laungage specified to be supplied	Yes	*
	Programming Manulas	Yes	*
	Training to be given to officials of the Buying Organisation	Yes	*
	Complete software for auto calibration and smart calibration minor weight correction by software shall be provided	Yes	*
	Stamping of Weigh Bridge final calibration	liaisoning with the inspector of Legal metrology department (Weight and Measure Deptt), for verification and Stamping of Weigh Bridge and also paying the required fee to	*

		Legal Metrology department and obtaining the stamping	
	Details of Certification of RRS�	-	*
	Details of OIML Certifications	-	*
	Copies of certifications and reports shall be submitted to buyer on demand at time of supplies	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	K R	571401,District Urban Development Cell, Office of the Deputy Commissioner, Mandya	6	60

### Bid Specific Additional Terms and Conditions

- Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:
  - The Seller fails to comply with any material term of the Contract.
  - The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
  - The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
  - The Seller becomes bankrupt or goes into liquidation.
  - The Seller makes a general assignment for the benefit of creditors.
  - A receiver is appointed for any substantial property owned by the Seller.
  - The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.
- Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
- 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.

4. 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.
5. 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.
6. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
7. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
8. SLBR52
9. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
10. Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.
11. To be eligible for award of contract, Bidder / OEM must possess following Certificates / Test Reports on the date of bid opening (to be uploaded with bid): Certificates and test reports by a reputed organization as per GEM norms.
12. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
13. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
14. For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
  - a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
  - b. Execution certificate by client with order value.
  - c. Any other document in support of order execution like Third Party Inspection release note, etc.
15. The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:
  - (i) Single order of at least 35% of estimated bid value; or
  - (ii) Two orders of at least 20% each of estimated bid value; or
  - (iii) Three orders of at least 15% each of estimated bid value.Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion
16. Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of Project Director, DUDC Mandya A/C (Name of the Seller). The bank should

certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

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

**---Thank You---**