



Bid Number/बोली क्रमांक (बिड संख्या):  
GEM/2024/B/4926894  
Dated/दिनांक : 10-05-2024

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	08-06-2024 15:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	08-06-2024 15:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	120 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Finance
Department Name/विभाग का नाम	Department Of Economic Affairs
Organisation Name/संगठन का नाम	Security Printing And Minting Corporation Of India Limited (spmci)
Office Name/कार्यालय का नाम	Janpath
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Electronic Weigh Bridge (Without Civil Work) (Q3)
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC) *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/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No

**Bid Details/बिड विवरण****Evaluation Method/मूल्यांकन पद्धति**

Total value wise evaluation

**EMD Detail/ईएमडी विवरण**

Advisory Bank/एडवाइजरी बैंक

Indusind bank

EMD Amount/ईएमडी राशि

40000

**ePBG Detail/ईपीबीजी विवरण**

Advisory Bank/एडवाइजरी बैंक

Indusind bank

ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)

5.00

Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).

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(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./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

**Beneficiary/लाभार्थी :**

Narmadapuram

Security Paper Mill, Narmadapuram

(Security Paper Mill)

**Splitting/विभाजन**

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

**MII Purchase Preference/एमआईआई खरीद वरीयता**

MII Purchase Preference/एमआईआई खरीद वरीयता

Yes

**MSE Purchase Preference/एमएसई खरीद वरीयता**

MSE Purchase Preference/एमएसई खरीद वरीयता

Yes

1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

3. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

4. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, 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. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

5. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

## **Electronic Weigh Bridge (Without Civil Work) ( 1 pieces )**

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)**

### **Technical Specifications/तकनीकी विशिष्टियाँ**

[\\* As per GeM Category Specification/जेम केटेगरी विशिष्टि के अनुसार](#)

<b>Specification</b>	<b>Specification Name/विशिष्टि का नाम</b>	<b>Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य</b>
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Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Performance Parameters	<b>Providing Required test load</b>	Yes, No(Seller not providing and buyer to arrange same)
	<b>The test load requirements Provided</b>	500 kg, 1 ton, 2 ton, 3, 5, 10, NA(in case seller not providing)
	<b>Type of Weigh Bridge</b>	Surface Mounted, Pit Mounted, Portable (Movable)
	<b>Maximum Capacity of weigh Bridge in Tonnes</b>	80
	<b>Graduation of weigh bridge in KG</b>	1, 2, 5, 10, 20, 50
	<b>Warranty Period in Years</b>	1
CONSTRUCTION FEATURES	<b>The type of Construction of Weigh Bridge Plat form</b>	Modular enabling easy Assembly ,Transportation and adjustment of Size, Fully welded structure
	<b>Length of the Platform required for weighing in meters</b>	7.5 m, 9m, 12m, 16m, 20 m, 18m, 24 m, 4.5
	<b>Width of the Plat form in meters</b>	3m, 4 m, 4.5m
	<b>Ramp length in mm</b>	1:10 for portable for 1 feet height 10 feet length, NA ( For surface Mounted and Pit mounted)
load Cell	<b>Capacity of Load Cell in Tonnes</b>	10 ton, 20 Ton, 30Ton, 40 Ton
	<b>No of Load Cell in the weigh bridge system</b>	4, 6, 8, 10, 12
	<b>Type of Load Cell</b>	Compression Type, Double ended Shear Beam Load Cell
	<b>Load cell technology</b>	Analog, Digital
	<b>Material of Body of Load Cell</b>	Stainless Steel, Nickel plated Alloy steel
	<b>Protection class for load cell</b>	IP 65, IP67, IP 68
	<b>Certification required for for load cell</b>	RRSL, OIML
	<b>Auto rotation lock</b>	yes for compression type load cell, NA( For double endede shear beam load cell )
	<b>LENGTH of cable Provided for load cell in meters</b>	6, 9, 12
	<b>shall be provided with automatic diagnostics</b>	Yes, No
	<b>shall be unaffected by off center loads</b>	Yes, No
<b>Rated ouput Repeatability in terms of FS</b>	0.05%, 0.01%	

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	<b>Overload rating SAFE</b>	125%, 150%
Weigh Bridge Controller	<b>Housing Protection for Digital Controller</b>	IP 40, IP 60, IP 65
	<b>Details of Printer type</b>	dot matrix 80 col, laser printer
	<b>Printer Make</b>	epson, tvse
	<b>USB port provided</b>	Yes, No
	<b>No of digits of led display for weight</b>	6, 8
	<b>Minimum character size of LCD Display</b>	16x2, 32x2, 40x2
	<b>Provision for remote Display port</b>	Yes, No
	<b>Protection class for junction box for connection</b>	IP 65, IP 66, IP 67, IP 68
	<b>Surge protection for junction box</b>	Yes, No
	<b>Material of construction for junction box</b>	ABS, MILD STEEL, STAINLESS STEEL
	<b>Back up time in hours</b>	2, 4, 6, NA if UPS not provided
Additional parameters	<b>Number of additional load cell to be supplied</b>	1, 2, 3, Not supplied
	<b>UPS to be provided with the system</b>	Yes, No

**Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा**

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Balbir Singh Prajapati	461005, Security Paper Mill ,Narmadapuram , Madhya Pradesh	1	120

## Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

### 1. Generic

**Manufacturer Authorization:** Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

### 2. Certificates

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.

### 3. Warranty

Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

### 4. Past Project Experience

**Proof for Past Experience and Project Experience clause:** For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.**Proof for Past Experience and Project Experience clause:** For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:a. Contract copy along with Invoice(s) with self-certification by the bidder that service/supplies against the invoices have been executed.b. Execution certificate by client with contract value.c. Any other document in support of contract execution like Third Party Inspection release note, etc.

### 5. Forms of EMD and PBG

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

Security Paper Mill  
payable at  
Narmadapuram

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

### 6. Forms of EMD and PBG

Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of A/C (Name of the Buyer). 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 EMD, the FDR will be released in the favour of the bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Bidder has to upload scanned copy/ proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date/ Bid Opening date

### 7. Forms of EMD and PBG

Bidders can also submit the EMD with Banker's Cheque in favour of

Security Paper Mill  
payable at  
Narmadapuram

Bidder has to upload scanned copy / proof of the BC along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

#### 8. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

Security Paper Mill  
payable at  
Narmadapuram

. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

#### 9. **Forms of EMD and PBG**

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

Security Paper Mill, Narmadapuram  
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.

#### 10. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

#### **ADDITIONAL TERMS & CONDITIONS (ATC)**

**1. Required Terms of Delivery:** F.O.R. Security Paper Mill Narmadapuram (Duly Unloaded).

**2. Destination:** Security Paper Mill, Narmadapuram (M.P.)-461005

**3.** The terms and conditions, guidelines of SPMCIL Procurement Manual Version 3.0 will be applicable to this bid at any stage to avoid any conflict at later stage. Kindly refer General Instructions to Tenderer (GIT) and General Conditions of Contract (GCC) of SPMCIL Procurement Manual Version 3.0 for additional terms and conditions.

**4. GST Return:** Supplier should file the GST returns for outward supplies in time. SPM reserves the right to withhold the payment of further supplies till production of evidence of filling of Returns.

**5.** Bidder shall submit duly seal & signed copy of Scope of work and undertaking.

**Liquidated Damages (LD) Clause:** If the contractor fails to deliver the goods and/or services or any instalment thereof within the Delivery Period, SPM Narmadapuram shall, without prejudice to other rights and remedies available to SPM, Narmadapuram under the contract, deduct from the contract price, as Liquidated damages, a sum equivalent to the rate of 0.5 percentage of the delivered price of the delayed goods and/or services for each week of delay or part thereof

until actual delivery or performance, subject to a maximum deduction of the 10 % of the delayed goods or services.

**Payment Terms:** 100% payment for Supply, installation and commissioning and FAT as per scope of work shall be made after production of all documents as per bid terms and condition by the firm. Payment shall be made through RTGS/NEFT.

**Evaluation may be carried out only basis of SPM Technical specification mention below:**

## **TECHNICAL SPECIFICATIONS OF 80MT WEIGH BRIDGE**

### **Scope of work:**

1. The scope of supply shall include design, supply, manufacturing, installation, testing, commissioning and proving of static type pit-less electronic road weigh bridge to be installed on turnkey basis (including all electric works, earthing works and civil works) for weightment of road vehicles as specified in different clauses. It includes all the concomitant accessories/ equipment's as detailed in the specification and other concomitant accessories/ equipment, which the manufacturer considers essential to make the machine fully operational, when installed and commissioned.

2. It shall also include installation and commissioning of related equipment, training of personnel in operation and maintenance of machine and supply of technical documentation.

3. The total value of the offer will be calculated based on –

a. The cost of basic weighbridge completed in all respects including weighing, electronics, etc.

b. The cost of the concomitant accessories according to tender Specification as per clause including cost of any other accessory offered as concomitant accessory

c. The Cost of civil engineering works on turnkey basis.

d. Cost of optional accessory, if ordered and charges for each of the 5 year for AMC, if ordered.

e. Applicable duties, taxes and charges for insurance, freight, installation and commissioning, training etc.

### 4. General features

a. There shall be a control room to house the weigh electronics. The control room shall be preferably located near the weighbridge platform.



b. In addition to the technical Specification given at Schedule-I, the weighbridge should also meet the technical requirements given below:

i. Final calibration of the weighbridge should be through software. The calibration program should be accessible only through a double password.

ii. A separate resident file should be created on HDD of the optional PC, if asked, to automatically log date and time.

iii. The junction box, if any and the control room etc. should have the arrangement of bolting/locking to prevent it being tampered by unauthorized persons. All the subassemblies/ assemblies, alteration of which can lead to erroneous weighing should be made tamperproof.

c. The system shall work in an ambient condition of temperature range of  $-5^{\circ}\text{C}$  to  $65^{\circ}\text{C}$  for weighbridge-A and relative humidity of 98% and comparatively dusty atmosphere. All equipment's should be designed to function effectively under these conditions.

## 5. Spares

a. The tenderer should furnish details of spares covered under warranty.

b. List of important spare parts and accessories with their part number and costing.

c. The tenderer should be furnishing the price list of spare parts required for two years normal maintenance of the equipment. Sources of supply of spares used other than that of manufacturer should be furnished by the tenderer.

d. List of recommended spares for normal maintenance after expiry of warranty period till useful life of the equipment.

e. List of recommended consumables for two years shall be quoted separately.

f. Useful life estimated/expected for each equipment and its sub assembly should be indicated by the tenderer.

## 6. Essential characteristics and technical parameters

### A. RIGIDITY-CONTROL-SAFETY

a. The weighbridges shall be rugged and designed to meet the weighing requirements specified under Schedule-I.

b. The weighbridges shall be provided with all safety devices against over load, lightning/surge and should incorporate safety devices so as to ensure complete protection for operation and weighbridges from all operational failures. Suitable interlocking arrangements against faulty sequence of operation, sudden power failure/fluctuation in supply voltage beyond permissible range and malfunctioning in system shall be provided. Protective guards wherever necessary should be provided. The bidder shall explain in detail the various safety provisions available in the weighbridges.

c. The controls of weighbridge shall be governed by keyboard provided with the weighing electronics/P.C.

#### B. Platform Structure

a. The weighbridge platform shall be a robust modular construction with heavy-duty platform rigid deck with adequate ribbed section and antiskid chequered plate, and of approximate 18 meter X 3 meter size designed for adverse load of VOLVO type trucks/trailers or similar vehicles.

b. The weighbridge platform structure shall be suitably painted with anti-corrosion paint.

c. The design details of platform shall be fully explained along with material specifications in the offer.

d. The structure should be designed considering highly concentrated load carrying capacity of VOLVO trucks/trailers or similar vehicles.

#### C. Load Cells

a. The weighing system shall comprise of double-ended shear beam strain gauge load cells/Compression type load cells. The weighbridge shall be supported by these load cells. The number of load cells provided shall be indicated in the offer.

b. The weighbridge shall be so designed as to ensure that lateral force and other undesirable forces do not act on load cells. The design details of load cells shall be explained in the offer.

c. The load cells should be weather proof and shall be suitably protected to withstand environmental conditions viz. flooding, rain water, temperature variations from  $-10^{\circ}\text{C}$  to  $70^{\circ}\text{C}$  with humidity level maximum up to 98% - The degree of protection should be IP-68.

d. The load cell shall be provided with integral cable.

#### D. Weigh Electronics.

a. The weigh electronic system should be provided with digital display unit which should be microprocessor based having the following features:

i) Analogue to digital converter enabling flicker free display,

ii) Facility for auto calibration and Auto balance,

iii) Diagnostics load cell connectors, weight display and weight indicator, provision for connection to PC.

iv) Provision of connecting weighs electronics with other weigh Bridges/Server/Computer by LAN for sharing common database.

v) Provide password protection for editing and operation.

b. The system should also have digital display of weight through a remote weight indicator. The remote weight indicator should be of electromagnetic type and

should be of 7 or more numeric characters and shall be installed outside the control room. Character size should be minimum 4" to 6".

c. The printed weight tickets shall have the following information:

- i) Date and time
- ii) Lorry/vehicle number
- iii) Product code/description
- iv) Source
- v) Destination
- vi) User message
- vii) Other (post installation).

The format for above data may be submitted along with the tender bid.

Modifications if required shall be suggested by the consignee for incorporation.

d. The system shall also have facility of diagnostics. In case of fault, descriptive message should be displayed on visual display unit. The details of diagnostics available shall be explained in offer.

e. One PC to run parallel with the weigh electronic system of the machine as an additional data storage and retrieval device particular with configuration as Core i7, 3rd generation of make IBM/HP/DELL with Alpha numeric Keyboard with 1 TB Hard Disk, 8 GB RAM & DVD R/WR, LCD colour monitor, LAZER printer of WIPRO/EPSON/HP make, mouse etc. (with UPS facility of 2 KVA with battery backup for one hour.)

#### E. Cabling – Junction Box

a. The control room will be constructed at a distance of approximate 10m from the weighbridge. The system shall have cables from the load cells, which shall terminate in a weather proof junction box suitably fixed on the weighbridge. Further, from junction box the cable will run to the control room housing the digital weight indicator. The cable shall preferably run in a MS conduit pipe for providing extra protection to the cables. Alternatively armoured cable to be provided.

#### F. Civil Works and Control Room

a. The road weighbridges shall be supplied on Turnkey basis including civil works like construction of formation for the weighbridge (Top loading pitless type), and construction and furnishing of the control room of size 4.0m x 3.0m x 3.0m (with dust-proof facilities of size 1.0m x 3.0m x 3.0m) for housing the weigh electronics on table for weigh electronics and keyboard and stacking records etc. The room should be provided with 3 Nos. of fluorescent lights and 2 Nos. of ceiling fans. The purchaser will only provide site for room and electrical connection 230V + 10%, 50Hz up to the room.

b. Control room should be dust free and air-conditioned.

c. The supplier shall quote for PC which will be parallel and in addition to the weigh electronics. The PC shall have the following characteristics:

(i) Core i-7, 3rd Generation computer of IBM/HP/DELL make with Software package suitable for operating applications of the weighbridges will be directly linked to the control console for operation, viewing and printing output. The complete configuration shall be specifically designed for weighing system.

(ii) Keyboard light enough to be placed on a small table. The keyboard shall be a detachable unit connected by a recoiling cord for allowing user positioning.

(iii) Colour LED monitor of 19" provided for monitoring the results.

(iv) The printer unit shall have the facilities through indicators such as power on/off, on line, operate control, line on/off, manual paper advance, form feed and line feed etc.

d. UPS facility with battery back-up facility of one hour.

e. Computer table and chair of suitable size.

#### G. CALIBRATION, TESTING AND CERTIFICATION

a. The firm shall arrange for calibration, testing and certification of the weighbridges. The certificate shall have to be got done from Weight and Measurement department of the State concerned in accordance with standards for Weights and Measures General Rules (Latest).

b. Firm should provide Foundation and related drawings for Road Weigh Bridge, the supplier shall furnish directly to consignee foundation drawings and related diagrams (mechanical and electrical) within 15 days of the receipt of advance P. O.

#### H. DOCUMENTATION REQUIREMENT

a. Operator's manual: Instructions for operating the system for the purpose of weighing and printing should be clearly laid down in an operator's instruction manual. It should contain complete information on using the software; auto calibration and zero balance, carrying out diagnostic tests and system set up before start of weighing.

b. Maintenance manual: It shall contain detailed description of the system and its functioning. This manual shall contain -

i) Drawings and circuit diagrams with component layout wherever required.

ii) Complete wiring diagram with all wires numbered and components/cards labeled.

iii) List of parts with part number of the assembly and also part number of the original manufacturer and manufacturer's address.

iv) Details of assembly and installation with dip switch setting and jumper settings on electronic cards if any.

v) Diagnostics and fault finding with check points and parameters to be measured and their value.

#### I. ERECTION, COMMISSIONING AND PROVING TESTS:-

a. Installation and commissioning of weighbridges would be done by the contractor to the satisfaction of the consignee/inspecting agency.

b. The contractor shall commission the machine within 90 days from the date of intimation of clear site by the consignee in respect.

c. The machine performance shall be demonstrated by the contractor after successful commissioning at the consignee's workplace for a period of one week. Thereafter the machine performance shall be watched by the consignee for a period of one month (each working day having one shift of 8 hrs.) or weighing of 30 trucks before the final proving test certificate is issued.

#### J. Technical Parameter Offered by Tenderer

1. Platform size: 18m x 3m

2. Least count: 10 Kg.

3. No. of load cells : 08 nos.(minimum) or more

4. Load cells type : Double Ended shear beam type/ Compression type / or Equivalent

5. Load cell capacity (each): 50 MT (approximately)

6. Weighing Electronics Microprocessor based tabletop type with Alpha numerical keyboard

7. Memory of weighing electronics (Truck) :

8. MIS reports Weigh slip/truck-wise/material wise/date wise/ challan wise/ Customer wise/ daily/monthly/yearly Operation Through keyboard

9. Printer : Laser printer

10. Sensitivity 3 mV/Volt or equivalent

11. Protection of load cells : IP68 Class.

12. Type of Mounting: Top loading pitless type

13. Load Cell Construction Stainless Steel Corrosion Protection External Steel surface must be blast cleaned before application of primer and epoxy Coatings.

14. Safe load in Load Cell 125% of rated capacity

15. Max. load in Load Cell 150% of rated capacity

16. Destructive load in Load Cell 220 % of rated capacity

7. Safety arrangement:-

- a. All safety devices to be incorporated in the PCPA unit as per the industrial standards.
- b. Detailed list of safety alarms / indications provided on PCPA Units should be submitted by the supplier.

Note:-

- a. SPM will provide water and Power supply shall be provided at one point in main power panel for testing & commissioning of New 01 No. Electronic Weigh Bridge, Cap- 80 MT.
- b. Distribution of supply including cabling, earthing cable trays etc. shall be in the scope of vendor.
- c. All civil work such as making supporting structure/Foundation breaking and construction of pipe / cable trenches shall be in the scope of vendor.
- d. Cleaning of site & handing over the works.
- e. The firm shall have to submit test reports, list of recommended spares, operation and maintenance manual for Electronic Weigh Bridge Units.
- f. Any other work which are not specifically mentioned in this offer but required to execute the project shall be in the scope of vendor.
- g. Loading & unloading of material shall be firm's scope.
- h. All required tool & tackles shall be firm's scope.
- i. Hydra or crane arrangement shall have to firm's scope.
- j. Firm will have to done the site visit before starting the work and confirming the project schedule with the completion date of work.
- k. Project will be on turnkey basis.
- l. Reference layout drawing will have to provide in firm's scope.

1.04. TRAINING:

The supplier shall have to provide training to SPMN personnel regarding operati

on, maintenance & handling of New 01 No. Electronic Weigh Bridge, Cap- 80 MT after acceptance.

#### 1.05. FAT (Final Acceptance Test):

- a. Final Acceptation Test (FAT) will be done at SPM premises which will be carried out by checking all the specifications of the equipment as per specifications.
- b. Continuous operational working trial for 07 days with desired output as per specification or 30 nos. of loading truck weighment shall be successfully performed.
- c. Trouble free operation of units.

#### 1.06.0 WARRANTY:

One year warranty of New 01 No. Electronic Weigh Bridge, Cap- 80 MT units from the date of final acceptance test (FAT) at SPM, Narmadapuram and 2 year AMC after completion of warranty period.

#### 1.07.0 DELIVERY:

Mode of Delivery: FOR Security Paper Mill, Narmadapuram (M.P.) duly unloading at site.

Delivery Schedule: Electronic Weigh Bridge, Cap- 80 MT must be supplied, Installed & commissioned and tested within 04 (four) months from the date of issue of PO/NAC at SPM Narmadapuram site duly unloading.

#### 11. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

### **Disclaimer/अस्वीकरण**

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.

3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

**---Thank You/धन्यवाद---**