



# सी०एस०आइ०आर०-भारतीय पेट्रोलियम संस्थान

(वैज्ञानिक एवं औद्योगिक अनुसंधान परिषद )

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## निविदा आमंत्रित सूचना/NOTICE INVITING TENDER

निरीक्षण सं० / Enquiry No: PUR/2/18-19/550/LR/AFLAD/PO:

Dt. 02.11.2018

सेवा में/ To,

M/s -----  
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प्रिय महोदय/Dear Sirs,

### विषय/sub: Online tenders for Digital Vehicle Weight Measurement System

We are interested in purchase of following articles under terms and conditions mentioned below. Please send your Online bids/quotation through Central Public Procurement (CPP) Portal (<https://www.etenders.gov.in>) with complete specifications and literature within the stipulated time period as has been mentioned in the e-tender notice. Only online quotations will be entertained from the registered bidders of CPP Portal. While submitting quotation, please note the terms & conditions mentioned below:

SI No	Description	Qty
1	<b>Digital Vehicle Weight Measurement System consisting of the following hardware &amp; parts with specifications</b> -Portable wheel load scale/pad -Hand-held terminal/indicator -Necessary cables & accessories (Technical specifications as per the enclosed Annexure-A)	01

#### **TERMS & CONDITIONS**

- In case the prices quoted in foreign currency then the prices should be F.O.B. GATEWAY AIRPORT and the components of air freight and insurance should be specified in the offer separately.
- In case of Indian suppliers (prices quoted in Indian currency), then the prices should be F.O.R., I.I.P., Dehradun including packing, forwarding and insurance etc.
- The taxes applicable should be specified separately, if need be.
- In case of import, our standard mode of payment is through irrevocable Letter of Credit which shall be opened through Yes Bank, Dehradun which has branches in all important cities of the world
- In case of Indian supply, payment will be released on bill basis. (100% after supply & installation & Commissioning and our acceptance.). No advance payment will be made. No claim for payment shall be entertained for the damaged items delivered.
- Indian agents if any, the nature of service they will render and percentage of agency commission to be paid should be indicated.
- Training/Installation charges: Suppliers or their Indian Agent shall be responsible for installation/demonstration/training wherever applicable and should have technical expertise and trained personnel to render "After Sales Service" during the warranty period in India. If the offer involves any training and /or installation charges, the same should be clearly indicated including the period and scope of training. The installation and demonstration, commissioning of the sold equipment should be completed by the supplier/their authorized representative immediately after the arrival of the equipment/item at CSIR-IIP, Dehradun but not later than 02 weeks. In case of late installation, demonstration, commissioning of the supplied equipment by the supplier and or their authorized representative, **CSIR-IIP reserve the right to levy penalty of 0.5% of Purchase Order value subject to a maximum of 10% per week of the delayed period.**
- In case of Indian suppliers, **CSIR-IIP, Dehradun will issue concessional GST certificate to supplier under Government of India Notification No. 47/2017-Integrated tax (rate) dated 14.11.2017 vide Registration no. TU/V/RG-CDE(112)/2016 dated 21.03.2018. Hence, it is requested to indicate the percentage of GST.**
- Please furnish full specifications and other information regarding manufacturers name, modal, grade, packing, warranty etc., for items quoted alongwith illustrated Leaflets and drawing.
- Quotation/tenders must be neatly typed or computer printed, Hand written offer will be rejected. Quotations must carry the GST/PAN/TIN invariably on the top. Incomplete/conditional/tender received after due date and time will be summarily rejected.
- Net/Gross weight of material should be specified.
- Validity of offer should be for a period of 120 days.
- Delivery period should be clearly indicated in the quotation and strictly adhered to.  
**Note: where there is no mention of Packing & Forwarding, Freight, Insurance, taxes etc such offers shall be rejected as incomplete.**
- Currency conversion rate for evaluation will be considered from [www.rbi.org](http://www.rbi.org) /[www.xe.com](http://www.xe.com) of the opening date of the price bid.
- Recent past purchase orders of similar equipments, client list with contact details & performance certificate
- The interested bidders should register with Central Public Procurement Portal (CPPP) [https:// etenders.gov.in/eprocure/app](https://etenders.gov.in/eprocure/app) and should send us the login ID/user ID along with their product profile to the Purchase Department of CSIR-IIP, Dehradun**
- The acceptance of quotations rests with Director, IIP who does not bind himself to accept the lowest offer and reserves the right to himself to reject or partially accept any or all the quotations without assigning any reason.

Yours faithfully,

Stores & Purchase Officer

## SPECIFICATION FOR A DIGITAL VEHICLE WEIGHT MEASUREMENT SYSTEM

### 1. Scope of supply and Description

- A digital vehicle weight measurement system should be supplied with four flat type wheel load scales having a high-precision, powerful weighing system for weighing 2, 3 and 4 wheeled vehicles upto 2 ton.
- It must be portable type, maintenance-free, light in weight and convenient for easy transportation.
- It must be compliant with high protection class IP65 / equivalent, suitable for outdoor measurements.
- It must be supplied with anti-slip rubber feet for weight pad with built in ramp (1 set).
- The system must be quoted with necessary cables & accessories.
- Measured values must be read on a hand-held terminal.
- The hand-held terminal must be able to connect four wheel load scales.
- The left-hand wheel load, right-hand wheel load, axle load or the overall load must be displayed on the hand-held terminal, depending on the configuration.
- The system must have and meet following specifications and requirements.

### 2. Requirement and Specification

#### 2.0 Portable Load Scales / Pads

- Total Capacity : 1600 to 2000 kg
- Number of load pad : Four
- Nominal load : 400-500 kg / wheel / pad
- Sensitivity :  $\leq 0.3$  kg
- Accuracy :  $\leq \pm 0.5$  kg
- Material : High strength aluminum alloy
- Safe Overload Capacity: 120% full load
- Repeatability :  $\leq 0.2\%$
- Approx. weighing area:  $\leq (W) 430$  mm x  $440$  mm (L) and Height:  $\leq 40$ mm.
- Self Weight :  $\leq 7$  kg
- Overload :  $\leq 600$  kg
- Protection : IP-65 or equivalent

#### 2.1 Hand-Held Terminal

- It must be for 2 / 4 wheel load scales with single wire input connection from the scales with standard RS-485 / equivalent protocol
- 2-line LED / LCD display for wheel and axle loads, total load.
- Mains adapter 220Vac / 12Vdc and with on-board power plug 12Vdc
- Front panel configuration / programming.



**3. Warranty:** The warranty of the whole system must be of minimum 1 year from the date of commissioning.

**4. Calibration:** The facility for the periodic calibration of the system must be arranged or made available in India.

**5. Experience & Service Support:** The supplier quoting for the system should have supplied at least 5 similar systems in India during last 3 years. The supplier must provide a good after sales support/service of the whole system. The manufacturer/supplier must provide a list of users (contact person & no. address etc.) for the similar systems in India.

**6. Installation and Commissioning at IIP Dehradun**

The installation and commissioning of the equipment must be done at IIP, Dehradun and it must be the responsibility of the manufacturer/supplier. The engineers of the manufacturer/supplier deputed for installation and commissioning should also provide operation and application training to IIP personnel. Full system check should be conducted before dispatch and by the engineers of the manufacturer/supplier at IIP Dehradun. Any faults or technical issues with the system shall be rectified/replaced, free of charge, by the manufacturer/supplier. IIP will provide necessary test setups and test benches, if any, required for the system check.

