<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of Work</th>
<th>Estimated Cost (Rs. in lakhs)</th>
<th>Bid Security payable in the name of</th>
<th>Tender Fees including 18% GST payable in the name of</th>
<th>H.S.I. processing Fees payable in the name of</th>
<th>Time allowed for complete of work (days)</th>
<th>Minimum class of eligibility of contractors</th>
<th>Last date &amp; time for sale of document</th>
<th>Last date &amp; time for deposing BID security, Tender Fees &amp; ENS processing Fees in physical form at RSCW, Head Office, Jaipur</th>
<th>Date &amp; Time of opening technical bids at RSCW, Head Office, Jaipur</th>
<th>Date &amp; Time of opening financial bids at RSCW, Head Office, Jaipur</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Repair work, Conversion of Roof sheets &amp; Water Harv</td>
<td>102.65</td>
<td>345330.00</td>
<td>2360.00</td>
<td>1000.00</td>
<td>150</td>
<td>&quot;A&quot; Class</td>
<td>21.10.2019 11:00 A.M. to 11.11.2019 6:00 P.M.</td>
<td>Upto 13.11.2019 11:00 A.M. to 13.11.2019 6:00 P.M.</td>
<td>13.11.2019 12:00 Noon</td>
<td>After evaluation of technical bids</td>
</tr>
<tr>
<td>2</td>
<td>Repair work, Conversion of Roof sheets &amp; Water Harv</td>
<td>176.70</td>
<td>353400.00</td>
<td>2360.00</td>
<td>1000.00</td>
<td>150</td>
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<td>Upto 13.11.2019 11:00 A.M. to 13.11.2019 6:00 P.M.</td>
<td>13.11.2019 12:00 Noon</td>
<td>After evaluation of technical bids</td>
</tr>
<tr>
<td>3</td>
<td>Construction of C.C Road, Conversion of Roof sheets, Water Harv</td>
<td>161.50</td>
<td>329500.00</td>
<td>2360.00</td>
<td>1000.00</td>
<td>150</td>
<td>&quot;A&quot; Class</td>
<td>21.10.2019 11:00 A.M. to 11.11.2019 6:00 P.M.</td>
<td>Upto 13.11.2019 11:00 A.M. to 13.11.2019 6:00 P.M.</td>
<td>13.11.2019 12:00 Noon</td>
<td>After evaluation of technical bids</td>
</tr>
<tr>
<td>4</td>
<td>Repair work, Conversion of Roof sheets &amp; Water Harv</td>
<td>155.21</td>
<td>310420.00</td>
<td>2360.00</td>
<td>1000.00</td>
<td>150</td>
<td>&quot;A&quot; Class</td>
<td>21.10.2019 11:00 A.M. to 11.11.2019 6:00 P.M.</td>
<td>Upto 13.11.2019 11:00 A.M. to 13.11.2019 6:00 P.M.</td>
<td>13.11.2019 12:00 Noon</td>
<td>After evaluation of technical bids</td>
</tr>
<tr>
<td>5</td>
<td>Supply, Installation and commissioning of (7 Nos. of 8 MT</td>
<td>150.90</td>
<td>300100.00</td>
<td>2360.00</td>
<td>1000.00</td>
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<td>21.10.2019 11:00 A.M. to 11.11.2019 6:00 A.M.</td>
<td>Upto 13.11.2019 11:00 A.M. to 13.11.2019 6:00 A.M.</td>
<td>13.11.2019 12:00 Noon</td>
<td>After evaluation of technical bids</td>
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<td>6</td>
<td>Water Harv Structure, Conversion of Roof sheets at RSCW,</td>
<td>150.20</td>
<td>300400.00</td>
<td>2360.00</td>
<td>1000.00</td>
<td>150</td>
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<td>21.10.2019 11:00 A.M. to 11.11.2019 6:00 P.M.</td>
<td>Upto 13.11.2019 11:00 A.M. to 13.11.2019 6:00 P.M.</td>
<td>13.11.2019 12:00 Noon</td>
<td>After evaluation of technical bids</td>
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<tr>
<td>7</td>
<td>Repair work, Conversion of Roof sheets &amp; Water Harv</td>
<td>122.80</td>
<td>245600.00</td>
<td>1180.00</td>
<td>1000.00</td>
<td>150</td>
<td>&quot;B&quot; Class</td>
<td>21.10.2019 11:00 A.M. to 11.11.2019 6:00 P.M.</td>
<td>Upto 13.11.2019 11:00 A.M. to 13.11.2019 6:00 P.M.</td>
<td>13.11.2019 12:00 Noon</td>
<td>After evaluation of technical bids</td>
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<tr>
<td>8</td>
<td>Conversion of Roof sheets &amp; Water Harv</td>
<td>121.60</td>
<td>243320.00</td>
<td>1180.00</td>
<td>1000.00</td>
<td>150</td>
<td>&quot;B&quot; Class</td>
<td>21.10.2019 11:00 A.M. to 11.11.2019 6:00 P.M.</td>
<td>Upto 13.11.2019 11:00 A.M. to 13.11.2019 6:00 P.M.</td>
<td>13.11.2019 12:00 Noon</td>
<td>After evaluation of technical bids</td>
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<tr>
<td>S. No.</td>
<td>Name of Work</td>
<td>Location Cost (Rs. in lakhs)</td>
<td>Bid Security payable in the name of</td>
<td>Tender Fees including 18% GST payable in the name of</td>
<td>Time allowed for completion of work (days)</td>
<td>Minimum class of eligibility of contractors</td>
<td>Last date &amp; time for submission of bid security, Tender documents and receipt of bid documents on the website <a href="http://www.eproc.rajasthan.gov.in">www.eproc.rajasthan.gov.in</a></td>
<td>Last date &amp; time for opening of technical bids at</td>
<td>Date &amp; Time of opening financial bids at</td>
<td>Date &amp; Time of opening technical bids at</td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>------------------------------------------------------------------------------</td>
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<td>9</td>
<td>Repair work, Conversion of Roof sheets &amp; Water Harvesting Structure at RSWC, Ajmer, Kishangadh &amp; Beawar</td>
<td>114.70</td>
<td>&quot;B&quot; Class</td>
<td>21.10.2019 11.00 A.M. to 11.11.2019 6.00 P.M.</td>
<td>120</td>
<td>118.00</td>
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<td>13.11.2019 12.00 A.M.</td>
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<td>13.11.2019 12.00 A.M.</td>
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<tr>
<td>10</td>
<td>Repair work, Conversion of Roof sheets, Water Harvesting Structure &amp; Renovation of Toilet work at RSWC, Parnagarh</td>
<td>94.00</td>
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<td>13.11.2019 12.00 A.M.</td>
<td>13.11.2019 12.00 A.M.</td>
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<td>11</td>
<td>Repair work, Conversion of Roof sheets &amp; Water Harvesting Structure at RSWC, Chittorgarh &amp; Fatehgarh</td>
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<td>&quot;B&quot; Class</td>
<td>21.10.2019 11.00 A.M. to 11.11.2019 6.00 P.M.</td>
<td>120</td>
<td>118.00</td>
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<td>13.11.2019 12.00 A.M.</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Repair work, Conversion of Roof sheets &amp; Water Harvesting Structure at RSWC, Chhalm, Abu &amp; Sowadi</td>
<td>82.70</td>
<td>&quot;B&quot; Class</td>
<td>21.10.2019 11.00 A.M. to 11.11.2019 6.00 P.M.</td>
<td>120</td>
<td>118.00</td>
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<td>13.11.2019 12.00 A.M.</td>
<td>13.11.2019 12.00 A.M.</td>
<td>13.11.2019 12.00 A.M.</td>
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<tr>
<td>13</td>
<td>Repair work, Conversion of Roof sheets &amp; Water Harvesting Structure at RSWC, Abu Road, Bhiml &amp; Sanchoor</td>
<td>70.10</td>
<td>&quot;B&quot; Class</td>
<td>21.10.2019 11.00 A.M. to 11.11.2019 6.00 P.M.</td>
<td>120</td>
<td>118.00</td>
<td></td>
<td>13.11.2019 12.00 A.M.</td>
<td>13.11.2019 12.00 A.M.</td>
<td>13.11.2019 12.00 A.M.</td>
<td></td>
</tr>
</tbody>
</table>
5. समवेत विलियम बिंड निविदाधिकारी की दिनांक से 90 दिनों तक निविदा स्वीकृत हेतु भरने का अधिकार है। विद्याकारों
उस अवधि में अपनी निविदा अर्जित करने में विकसित करता है अर्जित अपनी निविदा वापस ले लेता है,
जो राजस्थान लोक उपाधि में पारीशिक अभियंता 2012 एवं नियम 2013 के प्रवर्तन कार्यवाही की
जाती है।
6. कम संख्या 1 से 13 तक के कार्य का दोष निवारण एवं उनके द्वारा (कंकेंट लाइसेंस पीविटिक्स) का उत्तरार्थवादित कार्य दूर की जाने के पुर्व तीन वर्ष रहेगा।
7. ई-निविदा के संबंध में किसी भी प्रकार के संरचनात्मक/परिसंपत्ति इरादेवंद में उपरोक्त वरिष्ठ वेबसाइट पर ही जारी
किये जाएगे।
8. ई—टेडर्स के लिए निविदाधिकारी हेतु निर्देश —
अ. इत्यादि एवं योग्य निविदाधिकारी निविदा प्रवत्र को वेबसाइट w.w.w.eproc.rajasthan.gov.in से अपलोड कर सकते
हैं।
ब. निविदाधिकारी या भरने का दृष्टि निविदाधिकारी को इंटरनेट साइट w.w.w.eproc.rajasthan.gov.in पर रजिस्टरड
करना होगा। ऑनलाइन निविदा में भरने के लिए इंटरनेट सेवाएं एकट-2000 के तहत विद्युत
सर्विसिकेंट प्राप्त करना होगा जो इस्तेमाल किया की साइट में करने हेतु आवश्यक है। निविदाधि
विषयक विद्युत सर्विसिकेंट तीन ही से द्वारा स्वीकृत एजेंशी से प्राप्त कर सकते हैं। जिन निविदाधिकारी देश के पास वायू में
वेब विद्युत सर्विसिकेंट है, उसकी विद्युत सर्विसिकेंट लेने की आवश्यकता नहीं है।
च. निविदाधिकारी को निविदा प्रवत्र इस्तेमाल के फॉर्म में उपरोक्त वेबसाइट पर हिज्युट साइट के साथ प्रस्तुत
(अपलोड) कराना होगा। जिनका प्रस्ताव हिज्युट साइट के साथ प्रस्ताव नहीं होगा, उनके प्रस्ताव सीमित
होगा। कोई भी प्रस्ताव वैधता नहीं होगा।
ड. ऑनलाइन निविदाधिकारी निविदा प्रवत्र एवं साइट पर चेक करें जारी।
ढ. इस्तेमाल के निविदा प्रवत्र को जमा/अपलोड करने से पूरा निविदाधिकार यह शुरु चुकत है कर लेवे कि निविदा प्रवत्रों
से संबंधित समी आवश्यक दस्तावेजों की स्थान किये सभी निविदा प्रवत्रों के साथ संलग्न कर दी जाए।
ण. कोई भी ट्रेडर इस्तेमाल की जमा करने में किसी कारण से विलम्ब हो जाता है तो उसके लिए निम्न जिम्मेदार
होगा।
त. ट्रेडर के प्रवत्रों में आवश्यक सभी सुविधाओं को संपूर्ण रूप से भरकर ऑनलाइन ट्रेड करने एवं निविदा दस्तावेज में
संलग्न धोषण पत्र आवश्यक रूप से मकर अपलोड करें।
8. निविदा समाज के अधिकार प्रवत्र निर्देश, राजस्थान संघ वित्तीय विभाग निगम, लक्ष्मी के पास सूक्ष्मता
रखें।
RAJASTHAN STATE WAREHOUSING CORPORATION
(A Government Undertaking)
Head Office : Bhawani Singh Marg : Jaipur 302015

TENDER DOCUMENT
FOR

Name of Work : Supply, installation and commissioning of (7 Nos) 60 MT Electronic lorry weighbridge Size (16.00 x 3.00 mt) (pit type) including civil work of cabin (2.40 x 2.40 m.) and approach ramps including five years A.M.C. at State Warehouse, Rajsamand, Bhinmal, Jodhpur-I (Mandore), Kapren, Jaisalmer, Sanchoore & Balotra Centre in Rajasthan

Potential Assessment Bid (Technical Bid)
Name of Contractor : ----------------------------------------

----------------------------------------
पोटेंशियल बिड करने के लिए आवश्यक निर्देश

1. पोटेंशियल बिड में संलग्न विभिन्न शेड्यूल 1 से 6 में चाही गयी सूचना सुस्पष्ट भरें। इनके समर्थन में दस्तावेजों की प्रमाणित प्रतियां मय पृष्टांकन संलग्न करें जिससे बिड आकलन कार्य सुगमता हो सकें।

2. पोटेंशियल बिड में चाहे गये प्रमाण पत्र संलग्न करें। अनावश्यक प्रमाण पत्र संलग्न न करें।

3. पोटेंशियल बिड के साथ संलग्न सभी दस्तावेजों की मूल प्रति निगम द्वारा मांगने पर प्रस्तुत करनी होगी। मूल प्रति प्रस्तुत नहीं करने/मूल प्रति से पुष्टि न होने की दशा में संलग्न दस्तावेज मान्य नहीं होगा एवं पोटेंशियल बिड नौं रेस्प्योसिव मानी जावेगी।

4. निविदा खोलने के पश्चात् संलग्न दस्तावेजों के अतिरिक्त बाद में अन्य कोई दस्तावेज स्त्रीकार्य नहीं होगा।
**RAJASTHAN STATE WAREHOUSING CORPORATION**

**POTENTIAL ASSESSMENT BID (Technical Bid)**

**NIT No. : RSWC/Eng./Tender/02/2019-2020**

| Name of work | Supply, installation and commissioning of (7 Nos) 60 MT Electronic lorry weighbridge Size (16.00 x 3.00 mt) (pit type) including civil work of cabin (2.40 x 2.40 m.) and approach ramps including five years A.M.C. at State Warehouse, Rajsamand, Bhinmal, Jodhpur-I (Mandore), Kapren, Jaisalmer, Sancho & Balotra Centre in Rajasthan |
| Estimated cost | Rs. 150.50 lacs |
| Earnest Money | 2% of NIT amount (Rs. 301000.00) |
| Cost of Tender | Rs. 2360.00 |
| Completion Period | 240 days |
RAJASTHAN STATE WAREHOUSING CORPORATION

Potential Assessment Bid (Technical Bid)

ABSTRACT DETAILS

1. Name of the work : Supply, installation and commissioning of (7 Nos) 60 MT Electronic lorry weighbridge Size (16.00 x 3.00 mt) (pit type) including civil work of cabin (2.40 x 2.40 m.) and approach ramps including five years A.M.C. at State Warehouse, Rajsamand, Bhinmal, Jodhpur-I (Mandore), Kapren, Jaisalmer, Sanchore & Balotra Centre in Rajasthan

2. Name of the Contractor & Mobile No. : ________________________________

3. Enlistment Category (with Department) : ________________________________

4. GST No. : ________________________________

5. Income TAX Permanent Account No. : ________________________________

6. P.F. Registration No. : ________________________________

7. License for manufacturing of electronic lorry weighbridge issued by the State authorities, Model Approval Certificate from Director of Metrology, Govt. of India. : ________________________________

8. Certificate in respect of successful completion of minimum 15 Nos. of similar jobs in the last 3 years duly supported by their performance certificate from end user : ________________________________

9. Licence from Weight & Measurement Department of respective States as per Act/Rules for repairing and servicing of LWBs in their own name and agency not having repairing license in their own name will not be considered. : ________________________________

Signature of Bidder
SECTION-1

Technical Specification
RAJASTHAN STATE WAREHOUSING CORPORATION

**Technical Specifications**

1. **General**
   The structure and platform should be of robust design and adequate strength to sustain the repetitive static and dynamic loads and should not weigh less than 13 MT for 60 MT capacity ELWB. Platform size will be as under:

<table>
<thead>
<tr>
<th>Cap. Of ELWB</th>
<th>Size of Platform</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 MT</td>
<td>16m x 3m or more</td>
</tr>
</tbody>
</table>

2. **Codes and standards to comply with**
   IS-9281 (Part-I, II, III & IV, as amended on date) for Electronic weighing system including load cells.

3. **Scope of supply:**
   (i) Electronic load cell type, pit lorry-weighbridge of capacity 60MT and platform of 16mx3m size with other accessories.
   (ii) Platform complete with main girders, support sections, horizontal constraining arrangements and grouting parts as required; generally conforming to IS: 2062 as amended on date.
   (iii) Load cells with integral cables and mountings for load cells.
   (iv) Electrical and electronic parts comprising of:
       - Junction boxes
       - Cable between junction box and weigh cabin.
       - Digital Weight Indicator
       - Personal Computer with alphanumeric Key board, 18.5” LCD Colour Monitor and Mouse.
       - Dot Matrix 136 col. Ticket Printer compatible with PC.
       - Constant voltage stabilizer.
       - U.P.S.
       - Jumbo display unit
   (v) **Power supply:**
       The equipment should be suitable for operation on 220V, single phase 50 cycle A.C. supply. The equipment shall be suitable for successful operation under different climatic conditions such as temperature ranging from -10 degree centigrade to 60 degree centigrade and humidity unto 95%.

4. **Technical requirements:**
   (i) The weighbridge shall have overload capacity, at least 50% of rated capacity. The requirement shall be tested for dimensional parameters. Functional testing will be done at site.
   (ii) Material specifications for major platform components shall be as per IS: 2062.
   (iii) Minimum graduation for weighbridge shall be 10 Kg.
   (iv) Load cells shall be hermetically sealed and have IP68 protection class. Test certificate in conformation of the above class by a reputed Test House to be provided along with tenders.
(v) The main girders and other cross members shall be rigidly secured to the foundation restricting any movement of weighbridge. Proper constraining arrangement shall be provided for protecting weighbridge against fast moving trucks on it when it is not in use.

(vi) The weighbridge shall be Pit type in ground, with concrete ramp having suitable slope on either side to facilitate vehicle approach on the weighbridge or shallow pit type at ground level without slope with speed breakers at suitable length on either side of weighbridge.

(vii) Weighbridge readings shall not differ by more than one resolution value, when the vehicle is placed on different locations on the weighbridge.

(viii) Digital Weight Indicator and Personal Computer with alphanumeric key board with 18.5” LCD Colour Monitor and Mouse suitable to operate under temperature -5 degree centigrade to 50 degree centigrade. Battery backed memory should also be provided. Computer software CD should be provided.

(ix) The weighbridge calibration should stay for a minimum period of one year from the date of installation without the need for any readjustments.

(x) The electronic lorry weighbridge should be integrable/compatible with depot stock accounting system/ Depot Module. LAN card must be provided in the PC for depot module connectivity.

5. **Weighbridge Specifications:**

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overload capacity</td>
<td>50% of rated capacity</td>
</tr>
<tr>
<td>Type of constraining</td>
<td>Appropriate constraining arrangements without hampering weighments accuracy</td>
</tr>
<tr>
<td>Frequency of loading</td>
<td>30 trucks per hour minimum</td>
</tr>
</tbody>
</table>

6. **Platform structures:**

<table>
<thead>
<tr>
<th>Components</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material of construction</td>
<td>Mild steel as per IS: 2062</td>
</tr>
<tr>
<td>Main beams, Cross beams and transverse beams</td>
<td>ISMB from SAIL or reputed manufacturer conforming to IS:2062</td>
</tr>
<tr>
<td>Deck Plate</td>
<td>Chequered anti-skid Mild Steel plate as per IS: 2062 (from SAIL or steel from reputed manufacturer having ISI approval) in convenient lengths of thickness not less than 14mm for 60 MT.</td>
</tr>
<tr>
<td>Total Weight of Platform structures</td>
<td>60 MT Cap. - not less than 13 MT</td>
</tr>
<tr>
<td>Material Test Certificate</td>
<td>To be provided by tenderer</td>
</tr>
</tbody>
</table>

7. **Electronic weighing system and load cells:**

Should be of reputed indigenous/ imported make. Manufacturer’s test Certificates in respect of all requirements specified in IS: 9281 (Part-III) as amended on date (Tables 1 & 2) to be furnished by the contractor for each electronic weighbridge.
**General Requirements:**

1. Hermetically sealed (IP-68 Protection class) maintenance and corner adjustment free, inert-gas-filled, point contact, compression/shear beam type load-cell suitable to operate under -10 degree centigrade to 60 degree centigrade temperature and unto 95% moisture; capable to sustain specified overload, destruction load and side thrusts without further adjustment.

2. Housing of Stainless Steel or Tool Steel.

3. Capacity of each load cell will be as under:
   - Cap.of ELWB
   - Cap. of Load Cell
   - 60 MT
   - 6 Nos. 30 MT or more

4. Insulation resistance - 1000 Mega ohms or more.

5. Proper ingress and lightning protection as per Indian standards.

6. Load cell to be housed in lockable Sheet Metal Box.

7. **Junction box:**
   - Protection class: IP 65
   - Surge protection: Surge arrestors provided within.
   - Material of Construction: Cast Aluminium/stainless steel.
   - Connection type: Terminals on PCB mounted inside Junction box.
   - Glands for entry: Double compression type.

8. **Interconnecting cable:**
   The load cells to be provided with 4-wire system and shielded type cable approximately 10 meters in length to be laid in GI Pipe.
   - i) No. of cores
   - ii) Type of connection
   - iii) Type of cable shield
     - To be specified by the manufacturer/supplier

9. **Digital weight Indicator, Personal Computer and Printer**
   **(i) Digital Weight Indicator**
   This should be state of the art high performance micro processor based system having high internal resolutions, clear and bright seven digit LED display auto zero tracking, tare/gross weight indications, Auto calibration facilities etc. It should be capable of interfacing with the computer for further processing of data as per requirement operating temperature is to be -5 degree centigrade to 50 degree centigrade, response time less than 0.5 seconds, electrical safety IEC-348.

   **(ii) Personal Computer**
   The P.C. of HP/HCL/IBM/COMPAQ or equivalent brand should be of Intel Core-i5 processor or above (2.93GHz or more speed) equipped with 104 keys “Alpha Numeric” Key Board. Operating temperature range is to be -5 degree centigrade to 50 degree centigrade with 18.5” LCD Colour Monitor, Mouse, 4GB RAM, 500 GB Hard disk with Window-7 operating system. Data protection by Lithium battery for 16,000 Hrs. during power off including ATH cabinet, DVD writer etc.
(iii) **The Printer (136 Col.) with speed compatible with the Micro Processor.**

The equipment shall be provided with electronic recording unit designed to provide printed records of (a) Sl. No. (b) date (c) code (d) gross weight (e) tare weight (f) net weight and (g) commodity. It shall be freestanding, microprocessor based, dot matrix impact type printer interfaced with indicator system. Operating temperature range should be (-) 5 degree centigrade to 50 degree centigrade of reputed make such as Wep/TVSE/HCL or equivalent.

10. **U.P.S.**

Online UPS of reputed make e.g. TVSE/Tata/Libert/APC/ Numeric/ Elnova/Data Vision of 500VA supported with 2 nos. of 130 AH each/ 3 nos. of 90 AH each of Exide/ Standard/ AMCO or equivalent approved make maintenance free batteries for 6 hr. operation in case of power failure.

11. **Voltage Stabilizer/ Transformer**

2KVA rating servo transformer with input 140V-280V and output 220±5% of reputed and approved make to protect the equipment from voltage variation.

12. **Jumbo display unit**

An additional display unit at a suitable place outside the cabin of weighbridge for clear viewing of drivers in day light or in darkness of character size of 100 mm, 5 digit bright, LED type to be provided.

13. **Notes**

(i) Weighbridge manufacturers/supplier/local representatives, having own or their principal’s manufacturing facilities relating to load cells and related electronic instruments and weighbridge components shall be given preference.

(ii) Manufacturers, their dealers/representatives/ suppliers should have appropriate licence for the installation of the weighbridge system from Directorate of Metrology, Government of India/State Government.

(iii) **Sealing and Stamping**

(a) The sealing and stamping of load cells as well as that of the total weighing system shall conform to the requirements laid down under “Indian Weights & Measures Act, 1976”.

(b) The chassis of the electronic equipment shall be designed in the manner that it is feasible to lock the whole system electronically to make it completely tamperproof at one place for subsequent verification by the concerned authorities.

(c) **Packing:** The mechanical and electronic components of the weighing system shall be suitably packed. All the conditions of storage before actual installation shall be specified by the manufacturers.

(d) **Performance:** The performance of the load cells as well as the total system shall also comply to all the technical and metrological requirements laid down under the Indian Weights & Measures Act, 1976 and IS: 9281 (Part-III) - 1981’ as amended on date.

14. **Civil Works**

The work shall be executed in accordance with the latest PWD Rajasthan Specifications and IS Codes. Civil work includes demolishing and dismantling of cement concrete work if required at site.
(i) **Foundations and Platform Bed:**
The foundations and RCC raft for surface mounted platform shall be designed on the basis of the allowable soil pressure for the respective sites. Any special treatment that may be required for the foundation to cater to the needs of the poor soil conditions shall be carried out by the contractor at his own cost. Suitable guarding arrangement need be incorporated lengthwise of the platform to prevent sliding of vehicles as per relevant IS Code.

(ii) **Ramp and approach road:**
On both sides of the weighbridge, ramps and approach road of length not exceeding 8 meters connecting it to the adjoining main roads of the godowns on both sides and with width 300mm more than the width of the weighbridge on each side shall be provided. Suitable speed breakers at distance one and half meter from platform on each end are to be constructed in case ramps are not required. These ramps/road shall consist of the following:

   a) 150 mm thick sand filling well rammed.

   b) 150 mm thick lean concrete of (1:4:8) mix.

   c) 175 mm thick plain cement concrete of Grade M-20 (1:1 ½: 3).

(iii) **Cabin:**
A weighbridge room of internal dimensions of 2.40 mtr by 2.40 mtrs consisting of brick/stone masonry walls and foundations in CSM 1:6 and RCC roof at 2.82 mtr. height shall be provided. The internal surface shall be cement plastered. Roof shall be laid with proper terracing and treated for waterproofing; flooring shall consist of 150 mm thick sand filling, 100 mm thick PCC (1:4:8) sub-base layer floor with vitrified tile flooring and 10 cm. height skirting.

Steel door and windows partly glazed with grills fixed to windows shall be provided.

The internal surfaces of walls shall be finished with distemper and external surfaces treated with snowcem of approved quality and shade.

15. **Electrical Works:**
This shall conform to PWD Rajasthan specifications and Indian Electricity Rules.

   (i) Service connection for 230V supply upto the switchboard in the cabin will be provided.

   (ii) The wiring shall be carried out with copper wiring PVC insulated of suitable size in recessed PVC conduit as per PWD Rajasthan specifications.

   (iii) Number of light/fan points will be as under:

   a) Light Points 2 Nos.  Box type tube light fittings of Phillips make Cat. No.TMC-140 with tube inside the cabin.

   1 No. 4’40 watts totally enclosed water tight, weatherproof, and dust-proof type streetlight fitting complete with accessories mounted on a

   G.I. bracket (Bajaj BJSF -140-E or equivalent)

   Outside the cabin.
b) Fan Point 1 No. Including 1200 mm sweep ceiling fan complete of approved make with electronic regulator conforming to relevant ISI specifications.

(iv)
(a) 5 Amps Socket outlet 1 No. On the switch board itself.
(b) 15 Amps socket outlet. 2 Nos. At skirting level.

(v) Main Board
Angle iron frame of suitable dimension with one 30 Amps MCB (incoming) and 2 Nos. 16 Amps MCB (outgoing)

(vi)
a) Pipe earthing complete as per PWD, Rajasthan specifications. 1 Set
b) Copper plate earthing for electronic equipment as per PWD Rajasthan Specifications. 1 Set
c) A suitable lightening arrestor must be provided with an exclusive GI Plate earthing for the cabin for protection of equipment from lightening.

The contractor shall be required to submit 4 copies of the drawing along with design calculations for approval by the Corporation. The Corporation shall be at liberty to modify the design given by the contractor and he should follow the same without any extra claim.

16. Installation

(i) Fitting of Machinery
Alignment and adjustment of machinery shall be carried out by skilled and experienced machinery fitters.
All machinery shall be assembled fitted or mounted in such a manner that all necessary clearance shall be retained.
The contractor shall be responsible for all necessary alignment and adjustment of structure, machinery and equipment to obtain efficient operation of the Equipment.
Errors, omissions and misfits shall not be corrected by burning, except with permission of Corporation.

17. Painting
Two coats of anticorrosive and one coat of finished paint on all steel structures after preparation of surface to be applied for protection against corrosion/rust.

18. Drawings and Data to be submitted by Contractor

(i) The Contractor shall at his own expense prepare and submit four copies of drawings showing foundation details, location and size of bolts and structural steel supports, general arrangement and assembly drawings showing important particulars, overall dimensions and clearances etc.

(ii) On completion of the Work and before the tests are carried out, the contractor shall at his own expense prepare and supply to the Corporation four (4) certified copies of the following:
- Installation Manuals.
- Inspection and Maintenance Manuals.
The main girder/ beams and cross beams will be preferably in single piece without any welded/ joint section.

(b) Thickness of M.S. Plate for Deck should be not less than 14mm for 60 MT capacity weighbridge.

(c) The tenderer will indicate the approximate weight of Steel Structure with detailed calculation indicating the details/ size of structure to be used for 60 MT weighbridges.

19. The tenderer is to submit following documents along with the Bid:

(a) Latest Works contract/P.F. Registration certificate, GST No. from concerned Authorities of the State as applicable.

(b) License for manufacturing of electronic lorry weighbridge issued by the State authorities, Model Approval Certificate from Director of Metrology, Govt. of India.

(c) Certificate in respect of successful completion of minimum 15 Nos. of similar jobs in the last 3 years duly supported by their performance certificate from end user.

(d) Licence from Weight & Measurement Department of respective States as per Act/Rules for repairing and servicing of LWBS in their own name and agency not having repairing license in their own name will not be considered.

(Signature of Contractor) Executive Engineer
Seal: R.S.W.C, Jaipur
Annexure A : Compliance with the Code of Integrity and No Conflict of Interest

Any person participating in a procurement process shall:
(a) not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process;
(b) not misrepresent or omit or mislead or attempt to mislead so as to obtain a financial or other benefit or avoid an obligation;
(c) not indulge in any collusion, bid rigging or anti-competitive behavior to impair the transparency, fairness and progress of the procurement process;
(d) not misuse any information shared between the procuring Entity and the Bidders with an intent to gain unfair advantage in the procurement process;
(e) not indulge in any practices including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;
(f) not obstruct any investigation or audit of a procurement process;
(g) disclose conflict of interest, if any; and
(h) disclose any previous transgressions with any Entity in India or any other country during the last three years or any debarment by any other procuring entity.

Conflict of Interest:
The Bidder participating in a bidding process must not have a Conflict of Interest. A Conflict of Interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.

1. A Bidder may be considered to be in Conflict of Interest with one or more parties in a bidding process if, including but not limited to:
   a. have controlling partners' shareholders in common; or
   b. receive or have received any direct or indirect subsidy from any of them; or
   c. have the same legal representative for purposes of the Bid; or
   d. have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or
   e. the Bidder participates in more than one Bid in a bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the Bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one Bid, or
   f. the Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the Goods, Works or Services that are the subject of the Bid; or

2. Bidder or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as engineer-in-charge consultant for the contract.
Annexure B : Declaration by the Bidder regarding Qualifications

Declaration by the Bidder

In relation to my/our Bid submitted to ......................... for procurement of
.................................................. in response to their Notice Inviting Bids No...............
Dated................... I/we hereby declare under Section 7 of Rajasthan Transparency in Public
Procurement Act, 2012, that:

1. I/we possess the necessary professional, technical, financial and managerial resources and
   competences required by the Bidding Document issued by the Procuring Entity;
2. I/we have fulfilled my/our obligation to pay such of the taxes payable to the Union and the
   State Government or any local authority as specified in the Bidding Document;
3. I/we are not insolvent, in receivership, bankrupt or being wound up, not have my/our
   affairs administered by a court or a judicial officer, not have my/our business activities
   suspended and not the subject of legal proceedings for any of the foregoing reasons;
4. I/we do not have, and our directors and officers not have, been convicted of any criminal
   offence related to my/our professional conduct or the making of false statements or
   misrepresentations as to my/our qualifications to enter into a procurement contract within
   a period of three years preceding the commencement of this procurement process, or not
   have been otherwise disqualified pursuant to debarment proceedings;
5. I/we do not have a conflict of interest as specified in the Act, Rules and the Bidding
   Document, which materially affects fair competition;

Name: 
Designation: 
Address: 

Signature of bidder
Annexure C: Grievance Redressal during Procurement Process

The designation and address of the First Appellate Authority is—

The designation and address of the Second Appellate Authority is—

Managing Director

Chairman

(1) Filing an appeal

If any Bidder or prospective bidder is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the Act or the Rules or the Guidelines issued thereunder, he may file an appeal to First Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be, clearly giving the specific ground or grounds on which he feels aggrieved.

Provided that after the declaration of a Bidder as successful the appeal may be filed only by a Bidder who has participated in procurement proceedings.

Provided further that in case a Procuring Entity evaluates the Technical Bids before the opening of the Financial Bids, an appeal related to the matter of Financial Bids may be filed only by a Bidder whose Technical Bid is found to be acceptable.

(2) The officer to whom an appeal is filed under para (1) shall deal with the appeal as expeditiously as possible and shall endeavour to dispose of it within thirty days from the date of the appeal.

(3) If the officer designated under para (1) fails to dispose of the appeal filed within the period specified in para (2), or if the Bidder or prospective bidder or the Procuring Entity is aggrieved by the order passed by the First Appellate Authority, the Bidder or prospective bidder or the Procuring Entity, as the case may be, may file a second appeal to Second Appellate Authority specified in the Bidding Document in this behalf within fifteen days from the expiry of the period specified in para (2) or of the date of receipt of the order passed by the First Appellate Authority, as the case may be.

(4) Appeal not to lie in certain cases

No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely—

(a) determination of need of procurement;
(b) provisions limiting participation of Bidders in the Bid process;
(c) the decision of whether or not to enter into negotiations;
(d) cancellation of a procurement process;
(e) applicability of the provisions of confidentiality.

(5) Form of Appeal

(a) An appeal under para (1) or (3) above shall be in the annexed Form along with as many copies as there are respondents in the appeal.
(b) Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payment of fee.

Deel
(e) Every appeal may be presented to First Appellate Authority or Second Appellate Authority, as the case may be, in person or through registered post or authorised representative.

(f) Fee for filing appeal
(a) Fee for first appeal shall be rupees two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non-refundable.
(b) The fee shall be paid in the form of bank demand draft or banker’s cheque of a Scheduled Bank in India payable in the name of Appellate Authority concerned.

(7) Procedure for disposal of appeal
(a) The First Appellate Authority or Second Appellate Authority, as the case may be, upon filing of appeal, shall issue notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing. On the date fixed for hearing, the First Appellate Authority or Second Appellate Authority, as the case may be, shall,
(i) hear all the parties to appeal present before him; and
(ii) peruse or inspect documents, relevant records or copies thereof relating to the matter.
(c) After hearing the parties, personal or inspection of documents and relevant records or copies thereof relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.
(d) The order passed under sub-clause (c) above shall also be placed on the State Public Procurement Portal.

Deel
3. Dividing quantities among more than one Bidder at the time of award (In case of procurement of Goods)

As a general rule all the quantities of the subject matter of procurement shall be procured from the Bidder whose Bid is accepted. However, when it is considered that the quantity of the subject matter of procurement to be procured is very large and it may not be in the capacity of the Bidder, whose Bid is accepted, to deliver the entire quantity or when it is considered that the subject matter of procurement to be procured is of critical and vital nature, in such cases, the quantity may be divided between the Bidders, whose Bid is accepted and the second lowest Bidder or even more Bidders in that order, in a fair, transparent and equitable manner at the rates of the Bidder, whose Bid is accepted.
Annexure D: Additional Conditions of Contract

1. Correction of arithmetical errors

Provided that a Financial Bid is substantially responsive, the Procuring Entity will correct arithmetical errors during evaluation of Financial Bids on the following basis:

i. if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Procuring Entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;

ii. If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

iii. if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetical error, in which case the amount in figures shall prevail subject to (i) and (ii) above.

If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, his Bid shall be disqualified and its Bid Security shall be forfeited or its Bid Security Declaration shall be executed.

2. Procuring Entity's Right to Vary Quantities

(i) At the time of award of contract, the quantity of Goods, works or services originally specified in the Bidding Document may be increased or decreased by a specified percentage, but such increase or decrease shall not exceed twenty percent of the quantity specified in the Bidding Document. It shall be without any change in the unit prices or other terms and conditions of the Bid and the conditions of contract.

(ii) If the Procuring Entity does not procure any subject matter of procurement or procures less than the quantity specified in the Bidding Document due to change in circumstances, the Bidder shall not be entitled for any claim or compensation except otherwise provided in the Conditions of Contract.

(iii) In case of procurement of Goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the additional quantity shall not be more than 25% of the value of Goods of the original contract and shall be within one month from the date of expiry of last supply. If the Supplier fails to do so, the Procuring Entity shall be free to arrange for the balance supply by limited Bidding or otherwise and the extra cost incurred shall be recovered from the Supplier.
Memorandum of Appeal under the Rajasthan Transparency in Public Procurement Act, 2012

Appeal No. .............

Before the ................................ (First / Second Appellate Authority)

1. Particulars of appellant:
   (i) Name of the appellant:
   (ii) Official address, if any:
   (iii) Residential address:

2. Name and address of the respondent(s):
   (i)
   (ii)
   (iii)

3. Number and date of the order appealed against
   and name and designation of the officer/authority
   who passed the order (enclose copy), or a
   statement of a decision, action or omission of
   the Procuring Entity in contravention to the provisions
   of the Act by which the appellant is aggrieved:

4. If the Appellant proposes to be represented
   by a representative, the name and postal address
   of the representative:

5. Number of affidavits and documents enclosed with the appeal:

6. Grounds of appeal:
   ........................................................................................................
   ........................................................................................................
   ........................................................................................................
   (Supported by an affidavit)

7. Prayer:
   ........................................................................................................
   ........................................................................................................
   ........................................................................................................

Place ........................................

Date ........................................

Appellant’s Signature

Doc1
RAJASTHAN STATE WAREHOUSING CORPORATION  
(A Government Undertaking)  
Head Office : Bhawani Singh Marg : Jaipur 302015 

TENDER DOCUMENT

FOR

Name of Work : Supply, installation and commissioning of (7 Nos) 60 MT Electronic lorry weighbridge Size (16.00 x 3.00 mt) (pit type) including civil work of cabin (2.40 x 2.40 m.) and approach ramps including five years A.M.C. at State Warehouse, Rajsamand, Bhinmal, Jodhpur-I (Mandore), Kapren, Jaisalmer, Sanchore & Balotra Centre in Rajasthan

Financial Bid

NIT AMOUNT : Rs. 150.50 lacs
Earnest Money : 2% of NIT amount
SECTION-1

Memorandum of work
RAJASTHAN STATE WAREHOUSING CORPORATION

MEMORANDUM OF WORKS

Name of work: Supply, installation and commissioning of (7 Nos) 60 MT Electronic lorry weighbridge Size (16.00 x 3.00 mt) (pit type) including civil work of cabin (2.40 x 2.40 m.) and approach ramps including five years A.M.C. at State Warehouse, Rajsamand, Bhinmal, Jodhpur-I (Mandore), Kapren, Jaisalmer, Sanchore & Balotra Centre in Rajasthan.

NIT No.: RSWC/Eng./Tender/02/2019-2020
Estimated cost: Rs. 150.50 lacs
Earnest Money: 2% of NIT amount (Rs. 301000.00)
Cost of Tender: Rs. 2360.00
Completion Period: 240 days

SCHEDULE "A" Information useful for the contractor:
The tenderer should see the site and fully understand the conditions of the site before tendering. The works shall be carried out in accordance with site before tendering. The work shall be carried out in accordance with section 2, 3 and 4 of this document and Rajasthan PWD detailed specification and to the entire satisfaction of the Engineer in charge of the work.

SCHEDULE "B" List of the detailed drawing to be supplied by the tenderer. Given drawing will be approved by the Corporation/Engineer Incharge.

SCHEDULE "C" The contractor shall have to arrange at his own cost the full size details, templates etc., as may be required by the Engineer-in-Charge from time to time.

SCHEDULE "D" The test of material and the workmanship shall be conducted by RSWC as and when necessary. The result of which should conform to the standards laid down in the Indian standards and/or the standards laid down in the detailed specification of the PWD. Proper quality control is required to be maintained by the contractor.

SCHEDULE "E" The samples of the materials to be used by the contractor shall be deposited 15 days in advance if required by the Engineer in Charge and be got approved from him before use.

SCHEDULE "F" Time for completion as mentioned in NIT shall start after 10 days of issue of letter of acceptance or date of agreement whichever is earlier.

SCHEDULE "H" Non BSR items, if required to be executed are given in Schedule "H".
SECTION-2

Notice of Inviting Tenders
RAJASTHAN STATE WAREHOUSING CORPORATION

NOTICE INVITING TENDER FOR WORKS

1. Tenders are hereby invited on behalf of the Managing Director, R.S.W.C. for the works as per attached 'H' schedule.

2. Contract documents consisting of the detailed plan, complete specifications, schedule of quantities of various classes of work to be done and the set of conditions of contract to be complied with by the persons whose tender may be accepted which will also be found printed in the form of tenders can seen in the office of the Executive Engineer, R.S.W.C, on any day during office hours except Sunday and Public holiday.

3. The work is to be completely finished to the satisfaction of Engineer in Charge within the prescribed period as stipulated from the date of commencement as mentioned in work order.

4. The security Deposit @ 10% of the gross amount of the running bill shall be deducted from each running bill and shall be refunded as per rules on completion of the contract as per terms and conditions. The earnest money deposited shall however be adjusted while deducting security deposit from first running bill of the contractor. There will be no maximum limit of security deposit.

5. The acceptance of a tender shall vest with the competent authority as per schedule of powers in force at the time of sanction who does not bind himself to accept the lowest tender and reserves to himself the authority to reject any or all of the tenders received without assigning any reason.

6. No. refund of tender fee is claimable for tenders not accepted or forms returned or for tenders not submitted.

7. The tenders for work shall remain open for acceptance for a period of 90 days from the date of opening of tenders. If any tenderer withdraw his tender before the expiry of the said period or makes modifications in the terms and conditions of the tender within the said period which are not acceptable to the RSWC or fails to commence the work in the specified period the R.S.W.C. shall without prejudice to any other right or remedy be at liberty to forfeit the entire amount of earnest money absolutely.

8. All tenders in which any of the prescribed conditions are not fulfilled or which have been vitiated by arrears in calculations totaling or other discrepancies or which contain overwriting in figures of words or corrections not initialed and dated will be for rejection.

9. Validity of earnest money shall be 90 days from the date of opening of tender.

10. Tenders determined to be substantially responsive will checked by the Employer/Tender opening authority for any arithmetic errors in computation and summation. Errors will be corrected as follows :-

   a) Where there is a discrepancy between rates in figures and in words, the lower of two rates shall be taken as valid and correct rate.

   b) Where there is a discrepancy between the unit rate and the total amount derived from the multiplication of the unit rate and the quantity, the unit rate as quoted will governs and

   c) When no rate is given and the total amount for the item is given, the unit rate shall be derived by division of amount by the quantity.
NOTE: The amount stated in the form of tender will be adjusted by the Employer/Tender opening authority in accordance with the above procedure for the correction of errors and this shall be considered as binding upto the tenders. If the tender does not accept the corrected amount of tender, his tender shall be rejected and the security amount shall be forfeited.

11. The tenderer shall fill in rates and prices for all items of works described in the bill of quantities (in case item rates demanded). Items against which no rate or price is entered by the tenderer shall not be paid by the RSWC, Head Office, Jaipur when executed and shall be deemed to be covered by the other rates and prices in the bill of quantities.

12. The tenderer is to submit following documents along with the Bid:
   (a) Latest Works contract/P.F. Registration certificate from concerned Authorities of the State as applicable.
   (b) License for manufacturing of electronic lorry weighbridge issued by the State authorities, Model Approval Certificate from Director of Metrology, Govt. of India.
   (c) Certificate in respect of successful completion of minimum 15 Nos. of similar jobs in the last 3 years duly supported by their performance certificate from end user.
   (d) Licence from Weight & Measurement Department of respective States as per Act/Rules for repairing and servicing of LWBs in their own name and agency not having repairing license in their own name will not be considered.

13. All the provisions of RTTP Act, 2012 and RTTP Rules, 2013 shall be applicable.

(Signature of Contractor)   Executive Engineer
Seal:    R.S.W.C.
         Jaipur
SECTION-3

Special Conditions of Supply, Installation & Commissioning of Weighbridges
RAJASTHAN STATE WAREHOUSING CORPORATION

SPECIAL CONDITIONS FOR SUPPLY, INSTALLATION AND COMMISSIONING OF ELECTRONIC LORRY WEIGHBRIDGES (PIT TYPE) ON TURNKEY BASIS

1. **Extent of contract:**
   The contract comprises of design, manufacture, delivery, trial runs, tests, installation, stamping, commissioning, defect liability period of the works and Annual Maintenance Contract, including construction of foundation, ramp and cabin and except in so far as the contract otherwise provides, the provisions of all labour, materials, manufacturing plant, temporary works and everything whether of temporary or permanent nature for completion of works.

2. All contracts with Government shall require registration of workers under the Building & other Construction Workers (Regulation of Employment & Condition of Service) Act, 1996 and extension of benefits to such workers under the Act.

3. The contractor shall have to bear all types of taxes such as Royalty, Octroi, GST, Welfare Cess, Excise Duty and other taxes as may be applicable from time to time. In other words cost of work to be tendered is inclusive of all taxes i.e. Royalty, Octroi, GST, Welfare Cess and other taxes as applicable from time to time. Corporation will not make any extra payment for all these taxes and any new taxes. Corporation will deduct Royalty, Income Tax(TDS), Welfare Cess etc. as applicable and contractor will be liable to pay Octroi.

4. **Drawings:**
   (i) The contractor shall supply four complete sets of all drawings relating to the equipment as well as their installation at his cost (Mechanical, Electrical and Civil Drawings).
   (ii) The contractor shall keep one complete set of all drawings and specifications at each site of work in good order.
   (iii) **Contractor’s responsibility for errors in Drawings/designs:**
        The contractor shall be responsible for and shall bear the cost of any alterations of the work due to any discrepancies, errors or omissions in the drawings, designs or other particulars supplied by him whether such drawings, designs or particulars have been approved by the Corporation or not.

5. (a) Time for completion : 240 days.
   (b) Defect Liability Period : 3 years
   (c) Annual Maintenance Contract : 5 years

**Schedule of work:**
The contractor shall submit to the Corporation a Schedule of progress of supply, installation and commissioning of equipments including civil works at the various centers within the overall period stipulated from the date of commencement of work to the date of taking over.

7. **Security & Safety Requirements:**
   (i) **Security Requirements:**
        The contractor shall comply with all regulations imposed by the Corporation security authorities in respect of the passage of plant, vehicles, materials and personnel through Corporation barriers.
   (ii) (a) **Safety Precautions:**
        The contractor shall take all possible precautions to prevent outbreaks of fire on the site and in all offices, stores, camps and other places and
things connected therewith and especially with respect to the safe storage of petroleum products, explosives and all other dangerous or hazardous goods. He shall comply with all rules, regulations and orders of any statutory authority and of the Corporation, at no extra cost to the Corporation. All necessary fire extinguishers shall be provided by the contractor. The contractor shall take special precautions keeping in mind the explosion hazard where air is laden with grain dust.

(b) The contractor shall obtain from the Corporation details of any restricted areas in or around the site and shall prominently and clearly display for the information of his staff and work people notices defining any such restricted areas. Such notices shall be provided at his own expenses.

(iii) The contractor shall give every facility to the authorized safety officers of the Corporation to inspect the work whenever required, and shall observe and abide by any instructions given by the Corporation in regard to the use of plant, equipment and temporary work in respect of safety. Compliance with such requirement shall not be used as the basis of a claim against the Corporation.

(iv) **Life Savings and First Aid Appliances:**
The contractor shall at his own expense provide and maintain upon the works to the satisfaction of the Corporation sufficient proper and efficient life saving and first aid appliances which at all times be available for use.

8. **Workmanship, Materials, Samples & Testing:**

(i) All materials and workmanship shall be of the best available quality in trade in accordance with the specifications, drawings, designs and instructions approved from time to time. All materials and equipment used on the work shall be new and unused. They shall be subject to such tests as may be directed by the Corporation at the place of manufacture or fabrication or at any convenient place agreed upon. The contractor shall provide such assistance, instruments, equipment, labour and materials as are normally required for examination, measuring and testing any work for determining the quality, weight or quantity of any materials used. The contractor shall supply samples of materials before using them in the works for testing as required by the Corporation.

(ii) **Samples:**
The contractor shall, if as and when required by the Corporation prepare and submit samples of work and materials at his own expense for the approval of the Corporation. No materials of which samples have to be submitted shall be used in the work unless they have been approved in writing by the Corporation.

(iii) **Cost of Tests:**
The cost of preparing samples and carrying out tests for quality of materials or workmanship shall be borne by the contractor except for such exclusions as are specifically mentioned under technical specifications.

(iv) **Trial Runs/Test:**
The contractor shall inform the Corporation in advance of his intention to commission the equipment(s) for a trial run/test. In such an event the contractor shall provide the necessary staff and meet all other
expenses for carrying out the trial runs/tests. He shall ensure that every portion of works such as power supply and any associated material, required for performing such test runs are also completed before undertaking the trial runs. He shall also indemnify the Corporation against any damage to the completed works or the personnel engaged in such trial operation or to any other structure that might get damaged during the progress of such trials.

(v) It shall be the responsibility of the contractor to get the weighbridges verified and stamped from the concerned weights and measures authorities at his own expenses and submit proof of such verification to the Corporation at the time of taking over.

9. Payment Terms:

(i) All payments under the contract will be made in Indian currency by cheque or demand draft on a branch of the State Bank of India or any nationalized bank transacting Govt. business. Payment to the contractor will be made on submission of bills in accordance with the following procedure and after deducting security deposit.

A. For Equipment:

i) 60% of the cost of equipment quoted (inclusive of all the taxes, duties, packing, forwarding, transportation, octroi, Insurance etc.) after deducting Security Deposit and other taxes i.e. Income Tax, GST, Welfare Cess, Royalty etc. on production of following documents mentioned from (a) to (h) and completion of civil works as mentioned at Sl. No. (h) below:

a) Evidence of receipt of equipment at site.
b) Signed bill/ invoice in triplicate.
c) Excise duty Gate Pass/Evidence of payment of Excise duty.
d) Packing list.
e) RSWC’s officers’ inspection certificate at site of delivery.
f) Manufacturer’s test certificate(s) including test report of the load cells manufacturer.
g) Comprehensive insurance policy covering storage and erection of equipment till its commissioning.
h) On casting of RCC raft for WB foundation.

ii) 40% of cost of equipment will be paid on installation & commissioning and stamping of the weighbridges and issue of taking over certificate.

B. For Civil and Electrical Works:

i) 50% of cost of civil and electrical works will be paid after completion of the foundation of weighbridge and cabin up to roof level (including casting of roof slab).

ii) 50% of the cost of civil and electrical works together with commissioning and stamping of weighbridge and issue of taking over Certificate.

C. For Annual Maintenance Contract after Defect Liability Period:

i) 50% of cost for Annual Maintenance Contract will be paid after deducting 10% Security Deposit and other taxes after completion of 6 months for each subsequent year.
ii) Balance amount of Annual Maintenance Contract (AMC) i.e. 50% for each subsequent year will be paid deducting 10% Security Deposit and other taxes.

iii) The Security Deposit amount of AMC (i.e. 10%) will be refund after 3 months of the completion of AMC period.

**Note:** The Payment of AMC as mentioned in para C(i) to C(iii) will be made after receiving satisfactory performance report of weigh bridge from the concerning Warehouse Manager,

10. (a) No interest will be paid for any money or balance due with the Corporation owing to a dispute or with respect to any delay on the part of the Corporation in making interim or final payment or otherwise.

(b) TDS & other taxes as applicable will be recovered from all the bills.

11. **Defect Liability Period (DLP)/Annual Maintenance Contract (AMC):**

   (i) **Quality of work:**

   The contractor shall guarantee all work done and material used by him. The contractor shall also guarantee that the design, materials and workmanship for each component of the equipment and the work are of first class quality and as per specifications and that whole equipment will operate successfully in all respect required by the specifications with no undue noise, heating, straining of parts, wear and vibration, even during voltage fluctuation.

   The DLP shall be valid even if the installation is carried out by an agency other than the supplying contractor. In case the contractor is unable or unwilling to carry out urgent repairs the contractor shall still hold the DLP of his supplies for the stipulated period.

   (ii) **Date of commencement of DLP:**

   The DLP for all plant, equipment and work done including load cells & computer with accessories, shall commence on the date of taking over certificate.

   (iii) **Period of DLP:**

   The period of DLP on all plant and equipment including load cells shall be 3 years from the date of taking over certificate. In case of break down or major defects which cause complete dislocation of weighbridge operation and the machine is not attended to and rectified within a period of 3 days (three) from the date of receipt of intimation by the firm or its branch office, a genuine pre-estimated damage @ Rs.500/- per day for the number of days for which the machine remains out of operation or the expenditure incurred by RSWC on private weighments beyond the period of 3 days whichever is higher, will be levied on the firm subject to the maximum of 10% of the value of the contract per site. The pre-estimated damage will be determined for each site separately. The compensation of such private weighment got done by RSWC will be made within 10 days by the contractor failing which the said amount will be adjusted from the amount due/withheld under terms of payment. These charges will be in addition to the levy of compensation of maximum 10%. Thus RSWC can levy maximum 20% of the value of contract for delay in completion of the work in all respects and not providing satisfactory service during DLP/AMC as detailed above..
(iv) **Rejection:**
If during the period of DLP/AMC as defined hereof any equipment or material or work done shall fail in any respect to meet the above DLP/AMC, the contractor shall replace such equipment or re do the work in a condition, which will meet the above DLP/AMC immediately.

(vi) **Failure to rectify defects:**
Failure to rectify any defects or replace such equipment or material, which shall have been notified to him in writing during the period of DLP/AMC, it shall be deemed a breach of contract and the Corporation shall take appropriate action.

(vi) **Cost of execution of work of repair etc.**
All such work shall be carried out by the contractor at his own expenses if the necessity thereof shall, in the opinion of the Corporation due to the use of material or workmanship not in accordance with the contract or due to the neglect or failure on the part of the contractor to comply with any obligation expressed or implied on the contractor’s part under the contract.

(vii) **Remedy on contractor’s failure to carry out work required.**
If the contractor shall fail to do any such work as aforesaid by the Corporation, the Corporation shall be entitled to carry out such work by its own workmen or by others and if such work is work, which the contractor should have carried out at the contractor’s own cost, Corporation shall be entitled to recover from the contractor the cost thereof or may deduct the same from any moneys due or that become due to the contractor. This is without prejudice to any other right, which the Corporation may have against the contractor under law and/or under this contract

(viii) **Replacement:**
In respect of equipment replaced under the terms of DLP, the period for which such equipment shall be individually DLP/AMC shall extend to six months from the date of renewal or to the end of the Guarantee period whichever is later.

(ix) **Contract valid during DLP/AMC period:**
This contract shall remain valid and in force until the date on which the AMC period terminates.

(x) **Service during DLP/AMC period**
During the DLP/AMC period the technician of the contractor should visit on quarterly basis to undertake servicing of ELWBs even if no complaint reported from the RSWC authorities.

12. **Taking Over:**

(i) **Inspection and Trial Runs:**
When the machinery installation and other structures of the specific part of the works are ready for operation, the contractor shall report this in writing to the Corporation and simultaneously request for arrangement to Taking Over thereof. The Corporation shall there upon fix the date for the trial run/test run and inspection. The contractor shall be present at the time of trial runs and inspection. If, however, the contractor fails to be present on the date so fixed, the work shall not be taken over and the contractor shall render himself liable to compensate without prejudice to other rights and remedies that the Corporation may have against the contractor under this contract.
(ii) **Details of Trial Run/Test Run and consequences of failure:**
The machinery installation and related structures shall be inspected in order to ascertain that they conform to the stipulations of the contract and the technical specifications and trial runs shall be made in order to establish that the equipments and controls function properly and that the capacities are in conformity with the specified capacities. The trial runs shall be carried out under each of the various conditions prescribed in the contract. In case the required results are not obtained and the machinery, equipment, the installation and related structures do not fulfill the requirements of the specifications and appropriate standard, the contractor shall remedy all deficiencies and defects in so far as such works are covered by the contract; tests shall be repeated until satisfactory results are obtained.

(iii) **Certificate of taking over:**
If no deficiencies or faults are found and the machinery installation and related structures are in a position to function without breakdown at rated capacities, the date of establishment of this record shall be considered as the date of Taking Over by the Corporation. The Corporation shall issue a certificate of Taking Over of works in the form prescribed only after the stamping and verification of the weighbridge by the Weights & Measures Department of the respective State is got done by the contractor and including completion of all other works of the contract. The weighbridge should be handed over within 30 days from the date of stamping. Further, during DLP and AMC period the contractor shall got done the stamping and calibration verification of the weighbridge by the weight’s and measurement’s department every year at his own cost.

(iv) **Procedure in case of defects:**
If any deficiencies or faults are found in the machinery, installation and related structures on such inspection, these shall be listed in the record and the date before which the remedying shall be completed, shall be indicated by the Corporation. After the deficiencies and faults have been remedied, the tests and inspections shall be repeated and the results thereof confirmed by the establishment of this record. If the deficiencies and faults are found to be completely remedied the date of establishment of this record shall be considered as the date of Taking Over by the Corporation.

(v) **Repeated Inspection:**
If at this second inspection the deficiencies and faults are found not to have been satisfactorily remedied, the procedure of inspection and drawing up of records as described above shall be repeated until all deficiencies, faults and non-conformities with the conditions of the contract have been made good to the full satisfaction of the Corporation. The number of such trial runs and inspections will be restricted to the extent considered reasonable by the Corporation. If still the machinery, installations and related structures do not come up to the requirements of the specifications and appropriate standards, the Corporation reserves the rights to reject the entire work and to take action.

(vi) **Remedies:**
The contractor shall remedy all deficiencies and faults within the period specified in the record. In case the contractor does not abide by his obligation, the Corporation is free, without prejudice to grant another extension of time or to have the deficiencies and faults remedied.
13. **Power, Lubricants, Test Weights etc.**
The contractor shall be responsible for arranging, test weights, power, lubricants and any other items required for initial trial runs/trial test.

14. **Spares**
The contractor shall guarantee the availability of all necessary spares for a minimum period of 10 years from the date of supply of equipment.

15. **Erection, Operation and Maintenance Instruction Manuals:**
The contractor shall supply at each site four sets of manuals written in English language comprising operating, servicing, maintenance and overhaul instructions for each category of equipment. Instructions shall be either in the form of standard printed manuals or leaflets.

16. **Training to Staff:**
The contractor shall give training to local staff of RSWC regarding operation and maintenance of Weighbridge.

18. All disputes shall be subject to the jurisdiction of the Civil Courts of Jaipur city only.

19. No conditions are to be added by the contractor and conditional tender is liable to be rejected SUO MOTO.

20. In case of two or more tenderers quote equal rate for the tender the 1st lowest shall be determined by lottery system in the Chamber of Managing Director, R.S.W.C.. The equal rate tenderers may attend such determination.

21. The contractor should quote his rate only in one language i.e. either in Hindi or English. Rates should be quoted in figures as well as in words. In case a contractor has quoted rates in both the languages, and the rates so quoted differ, then the lower of the two shall be treated as the rate quoted by the Contractor.

22. If any contractor who having submitted a tender does not execute the agreement or start the work or does not complete the work and the work has to be put to retendering, he shall stand debarred from participating in such retendering in addition to forfeiture of Earnest Money/Security Deposit and other action under agreement.

**SIGNATURE OF THE CONTRACTOR**

**EXECUTIVE ENGINEER.**

**R.S.W.C. JAIPUR.**
SPECIAL CONDITIONS OF CONTRACT REGARDING DEFECT LIABILITY PERIOD FOR ROADS, BUILDINGS, BRIDGES & C.D. WORKS COSTING MORE THAN RS. 10.00 LACS

The Defect Liability Period (DLP) for:

(a) New Road/Building/Bridge/CD works, Road Widening, Strengthening, upgradation.
(b) Renewal and Special repairs of road and
(c) Special repair to Building/Bridge/CD works.

Costing more than 10.00 lacs, shall be Three Years, Special Conditions in the Contract Agreement to this effect shall be as per the Annexure "1".

Annexure-"1"

2. BUILDING WORKS

Civil Works :-
Defect liability period for Civil works shall be 3 years reckoned from date of actual completion of the Building works, Generally, following defects are covered for 3 years D.L.P.

2.1 Surface cracks on R.C.C. works.
2.2 Cracks in masonry, walls, pillars etc.
2.3 Dampness appeared on surface of wall, ceiling, floors etc.
2.4 De-laminations and unevenness of surface.
2.5 Leakage, cracks in drainage system, dampness in sunk portions.
2.6 Defects in paint work, distempering, white-wash etc. for example, unevenness in shade, pealing out, flakes on the surface etc.
2.7 Cracks, settlement, unevenness, opening of joints in floorings.
2.8 Doors, Windows and Ventilators opening and closing are not smooth. Fittings & Fixtures are not functioning smoothly.
2.9 Steel fabrication works not grinded properly and finished.
2.10 Leakage/chocking in pipelines, taps, valves, showers, wash basin, etc. Sanitary-ware fittings not functioning smoothly.
2.11 External Services from storm water, sewerage, rain water harvesting system, not functioning properly.

In addition to the above, any defects identified by the user and/or Engineer-in-charge shall be rectified by the contracting agency within notified period assigned by the Engineer-in-charge.

Electrical Works :

The defect liability under DLP for 3 years shall be from the date of its completion of the work reckoned by the Engineer-in-charge.

2.12 The defects shall be in case non-functioning of the following items:

Internal and External wiring, panels, cables, LT installation from distribution board to end use points, MCBs. DBs. ELCBs, earthing, Switches, sockets, distribution panels, panel, switchgears, panel instruments, panel MCBs, bus bars, cable trenching, lugs, connecting wire and any other items specified under the contract.

2.13 Repair and Replacement : The items covered under defect liability period shall be replaced and/or repaired as directed by the Engineer-in-charge.

2.14 Time period for repair/replacement : The Engineer-in-charge soon after defect arises shall notify to the contracting agency and/or his authorized representative on phone and in writing for rectification of the defect within the prescribed period which may be in hours/days and depends on the gravity and severity of defect.
2.15 Consumable Articles: Consumable Articles like tube rods, CFL, Bulbs, HT fuses, Batteries, Gas filling will be replaced by the client department or user department at their own cost and arrangement.

2.16 Other Items:
   1. D.G. set including fitting and fixtures.
   2. Lifts and Escalators.
   3. Air cooling/Air conditioning/Heating System.
   4. Fire fighting system.
   5. CCTV, EBABX.
In additions to the above items the Engineer-in-Charge may add more items as per the nature of work which seems to be covered under 3 years guarantee from the date of commissioning.

3. GENERAL:

3.1 Inspection of works, during Defect Liability Period
3.1.1 The contracting agency shall undertake joint detailed inspection along with Engineer-in-charge/A.En., at least once in three months in case of all Road/Bridge/CD works. The Engineer-in-charge can reduce this frequency in case of emergency. The Contracting agency shall forward to the Engineer-in-charge in record of inspection and rectification within 15 days after the joint inspection. The Contracting agency shall pay particular attention on those road sections, which are likely to be damaged during rainy season.

3.1.2 One register has to be maintained by every A.En. for recording the inspection details of works in his jurisdiction under defect liability period.

3.2 Conditions regarding Security Deposit:

3.2.1 Security for DLP
The contracting agency shall have to furnish security deposit in the form of Bank Guarantee for DLP as per requirements of clause 37(e) of Contract Agreement, valid from the date of completion, which shall be assigned by the Engineer-in-charge.

3.2.2 Forfeiture of SD
In case contracting agency fails to rectify the defects within stipulated period notified to him by the Engineer-in-charge concerned under contact agreement, the Engineer-in-charge shall serve a final notice for 15 days time reckoned from the date of issue of notice to rectify the defects. In case the contracting agency not responding to the notice and fails in rectification of defects in Engineer-in-charge will get the defects removed at the risks and cost of the contracting agency. Action such as encashment of Bank Guarantee and action under enlistment rules etc. shall also be taken against the contracting agency by the competent authority.

3.2.3 Force Majeure:
The defect arises due to earthquake, cyclone and natures calamities shall not be the responsibility of contracting agency.

(Signature of Contractor)  Executive Engineer
Seal:  R.S.W.C, Jaipur
### Item Rate BoQ

**Tender Inviting Authority:** Managing Director, RSWC

**Name of Work:** Supply, installation and commissioning of (7 Nos) 60 MT Electronic lorry weighbridge Size (16.00 x 3.00 mt) (pit type) including civil work of cabin (2.40 x 2.40 m.) and approach ramps including five years A.M.C. at State Warehouse, Rajsamand, Bhinmal, Jodhpur-I (Mandore), Kapren, Jaisalmer, Sanchore & Balotra Centre in Rajasthan

**Contract No:** RSWC/Eng./Tender/02/2019-2020

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<th>Item Description</th>
<th>Quantity</th>
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1.01 Cost of Equipments (60 MT):
a) Comprising of Platform, Structures, load-cells(6 Nos.), Digital Weight Indicator Printer compatible with PC, PC with alphaneumeric key board, interconnecting cables, Junction box, UPS, Stabilizer, 18.5" LCD Colour Monitor, Mouse, Jumbo display unit for 60 MT, 16mx3m platform size pit type weigh-bridge, "weight of different denotation 2 tonnes for approved by stamping department" including ex-factory price, transportation charges, octroi, excise duty and all taxes will be applicable as date of billing on the above items.

1.02 Cost of civil and electrical works (including construction of weighbridge foundation, weighbridge cabin, approach road, ramp).

1.03 Annual Maintenance Charges inclusive cost of spares for a period of five year after expiry of Defect Liability Period (Excluding cost of batteries and load cells).

1.04 For 1st year 7.00 Nos 0.00 INR Zero Only
1.05 For 2nd year 7.00 Nos 0.00 INR Zero Only
1.06 For 3rd year 7.00 Nos 0.00 INR Zero Only
1.07 For 4th year 7.00 Nos 0.00 INR Zero Only
1.08 For 5th year 7.00 Nos 0.00 INR Zero Only

**Total in Figures:** 0.00 INR Zero Only

**Quoted Rate in Words:** INR Zero Only