


## FAX/LETTER

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| <b>Office Of Chief Engineer/ Metering<br/>C-3, Shakti Vihar, PSPCL,<br/>PATIALA.</b>               |  | <b>TEL. NO. 0175-2218871<br/>FAX NO. 0175-2200284</b> |
| <b>M/s. Larson &amp; Toubro Ltd.,<br/>SCO no. 32, Sector-26D, Madhya<br/>Marg, Chandigarh</b>      |   | <b>Memo No. 8486 /SCADA-1042/EOI</b>                  |
| <b>0172-4646802</b>  |   | <b>Dated : 08.12.10</b>                               |
|  |   | <b>TOTAL SHEETS. 2</b>                                |
| <b>IMPORTANT:-If this fax message is not received legible, please inform immediately on phone.</b> |   |   |

**Subject: Empanelment against Expression of Interest no. SLDC/112/2010 for private sale of Static Electronic ABT (Availability Based Tariff) compliant Trivector Type, Four Quadrant, Bi-Directional Energy Meters of 0.2S class accuracy**

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**Ref: Your offer submitted against subject cited EOI & subsequent letter MPS/AP/157 dated 10.11.2010.**

It has been decided to empanel your firm for private sale of Static Electronic ABT (Availability Based Tariff) compliant Trivector Type, Four Quadrant, Bi-Directional Energy Meters of 0.2S class accuracy (for both -/5A & -/1A) to prospective consumers of PSPCL at all inclusive MRP of Rs.57,478.06. These Meters shall be supplied as per PSPCL specification no. SLDC /111/2010 of EOI.

The above Empanelment is subject to following conditions/provisions for which you have already furnished undertaking for compliance during supply:-

- i) The "+/-" signs in the meters for import/export register shall be as per clause 3(a) of PSPCL specification.
- ii) Persistence time for logging of tampers shall be 2 minutes.
- iii) You shall supply 10 no. suitable DCD/CMRI/HHU to PSPCL in case the DCD/CMRI/HHU already available with PSPCL is not compatible with your meter.
- iv) In case your meters are not compliant to draft ICS-BIS-6211-April-2010 at the time of supply, then you shall supply complete hardware, software and technical support etc. free of cost to PSPCL whenever required by PSPCL to make your meters compatible with the above mentioned Indian Companion standard and integrate them with PSPCL's Centralized Control center as already stipulated in the technical specifications.
- v) "PROPERTY OF PSEB" be read as "PROPERTY OF PSPCL" for the name plate details.

Besides the above mentioned provisions, you are required to enclose test reports of the following tests conducted during supply along with each meter:-

- 1) HV Test (IS-14697, clause 12.7.6.3)
- 2) Insulation Resistance Test (IS-14697, Clause 12.7.6.4)
- 3) Influence of external magnet (A.C) test (CBIP-88 report)
- 4) Degree of protection IP-51 for dust and moisture.

5) Regarding composition and properties of plastic (Polycarbonate) material used for making body of meters.

During manufacturing process, the following instructions may also be kept in view:-

- 1) You will write on the name plate the words "Private Sale Meter under PSPCL jurisdiction".
- 2) Name of your firm with indelible ink shall be clearly written on the box of the meter.
- 3) MRP (Max. Retail Price) should be indicated on each meter.
- 4) 100% testing of all the meters sold to prospective consumers of PSPCL shall be carried out in ME Labs of PSPCL before installation at consumer premises.

Any refusal to sell the meters to the customers of PSPCL at the approved price will make you liable for penal action as may seem appropriate to PSPCL.

Kindly acknowledge the receipt.

**Sd/-**  
**Dy. Chief Engineer/HCM**  
**PSPCL, Patiala**

**Endst. No. 8487/88 /SCADA-1042/EOI**


**Dated: 08.12.10**

Copy of above is forwarded to the following for information and further necessary action: -

1. Chief Engineer/Commercial, PSPCL, Patiala. It is requested that necessary commercial circular may be issued in this regard. The empanelment is subject to above conditions contained in this letter.
2. SE/Metering Circle, PSPCL, Jalandhar. It is requested that henceforth ABT meters of only Empanelled firms be tested in the ME Labs as per PSPCL specification no. SLDC/111/2010 which may be downloaded from PSPCL's website [www.pspcl.in](http://www.pspcl.in).

**Sd/-**  
**Dy. Chief Engineer/HCM**  
**PSPCL, Patiala**

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| <b>Office Of Chief Engineer/ Metering<br/>C-3, Shakti Vihar, PSPCL,<br/>PATIALA.</b>                                |  | <b>TEL. NO. 0175-2218871<br/>FAX NO. 0175-2200284</b>       |
| <b>M/s Wallaby metering Systems Pvt<br/>Ltd, M-3, 9th street, Dr. VSI estate,<br/>Thiruvanmiyur, Chennai-600041</b> |   | <b>Memo No. 8489 / SCADA-1042<br/>/ EOI Dated: 08.12.10</b> |
| <b>Fax No: 044-24544551</b>   |   | <b>TOTAL SHEETS 2</b>                                       |
| <b>IMPORTANT:-If this fax message is not received legible, please inform immediately on phone.</b>                  |   |   |

**Subject: Empanelment against Expression of Interest no. SLDC/112/2010 for private sale of Static Electronic ABT (Availability Based Tariff) compliant Trivector Type, Four Quadrant, Bi-Directional Energy Meters of 0.2S class accuracy**

**Ref: Your offer submitted against subject cited EOI & subsequent letter no. WMS/MKTG/PSEB/G-124/1011 dated 11.11.10 and letter no. Nil dated 07.12.10.**

It has been decided to empanel your firm for private sale of Static Electronic ABT (Availability Based Tariff) compliant Trivector Type, Four Quadrant, Bi-Directional Energy Meters of 0.2S class accuracy (for both -/5A & -/1A) to prospective consumers of PSPCL at all inclusive MRP of Rs.57, 478.06. These Meters shall be supplied as per PSPCL specification no. SLDC /111/2010 of EOI.

The above Empanelment is subject to following conditions/provisions for which you have already furnished undertaking for compliance during supply:-

- i) Power consumption of the meters shall be as per relevant ISS standard.
- ii) Tamper logging Persistence and restoration time in the meters shall be as per PSPCL specification.
- iii) You will supply the utility software along with meters during supply as per Clause 18.0(b).
- iv) Height of digits in display of your meters shall be 10mm in height.
- v) Meters shall be properly ultrasonic welded as per specification.
- vi) "PROPERTY OF PSPCL" and the word "BI-DIRECTIONAL" shall be mentioned on the name plate as per requirement of specification.
- vii) You shall supply 10 no. suitable DCD/CMRI/HHU to PSPCL in case the DCD/CMRI/HHU already available with PSPCL is not compatible with your meter.
- viii) In case your meters are not compliant to draft ICS-BIS-6211-April-2010 at the time of sale, then you shall supply complete hardware, software and technical support etc. free of cost to PSPCL whenever required by PSPCL to make your meters compatible with the above mentioned Indian Companion standard and integrate them with PSPCL's Centralized Control center as already stipulated in the technical specification.

Besides the above mentioned provisions, you are required to enclose test reports of the following tests conducted during supply along with each meter:-

- 1) HV Test (IS-14697, clause 12.7.6.3)
- 2) Insulation Resistance Test (IS-14697, Clause 12.7.6.4)
- 3) Influence of external magnet (A.C) test (CBIP-88 report)
- 4) Degree of protection IP-51 for dust and moisture.
- 5) Regarding composition and properties of plastic (Polycarbonate) material used for making body of meters.

During manufacturing process, the following instructions may also be kept in view:-

- 1) You will write on the name plate the words "Private Sale Meter under PSPCL jurisdiction".
- 2) Name of your firm with indelible ink shall be clearly written on the box of the meter.
- 3) MRP (Max. Retail Price) should be indicated on each meter.
- 4) 100% testing of all the meters sold to prospective consumers of PSPCL shall be carried out in ME Labs of PSPCL before installation at consumer premises.

Any refusal to sell the meters to the customers of PSPCL at the approved price will make you liable for penal action as may seem appropriate to PSPCL

**Sd/-**  
**Dy. Chief Engineer/HCM**  
**PSPCL, Patiala**

**Endst. No. 8490/91 /SCADA-1042/EOI**

**Dated: 08.12.10**

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**Dy. Chief Engineer/HCM**  
**PSPCL, Patiala**