

**Government of West Bengal  
Irrigation & Waterways Directorate  
Office of the Superintending Engineer  
Mechanical & Electrical Circle  
Jalasampad Bhawan(6<sup>th</sup> floor)  
Salt Lake City, Kolkata-700091  
Telephone No-03323218430  
Email Id: semeciwd2017@gmail.com**

**CORRIGENDUM**

**Memo No: 93/1T-6**


**Date: 24.01.2017**

**Sub:** Expression of Interest for "Supply Installation Testing and Commissioning of Biometric Based Attendance Monitoring System at Jalasampad Bhawan, Salt Lake, Kolkata-700091 during the year 2016-17"

Ref: This office memo no 67/1T-6 dated:19.01.2017

Based on prebid meeting held on 24.01.2017 in the office chamber of the undersigned the Annexure-I(page 8 of 10) and Annexure-II(page 9 of 10) of the EOI circulated vide memo under reference have been amended as **Annexure-I(modified)** and **Annexure-II(modified)** (copies enclosed). Offer should be made on the basis of Annexure-I(modified) and Annexure-II(modified).

Other terms and conditions of the said EOI remains unchanged.

  
(SANDIP KUMAR DEY)  
Superintending Engineer  
Mechanical & Electrical Circle  
I&W Dte., Govt. Of West Bengal

**Memo No: 93 (12)/1T-6**

**Date: 24.01.2017**

Copy submitted for favour of kind information & necessary action to:

- 1) The Secretary to the Govt. Of West Bengal, I&W Department.
- 2) The Chief Engineer, South, I&W Directorate, Govt of West Bengal
- 3) The Joint Secretary (Works) to the Govt of West Bengal, I&W Department.
- 4) The Deputy Secretary (Works) to the Govt of West Bengal, I&W Department.
- 5) The Superintending Engineer, Metropolitan Drainage Circle, I&W Dte.
- 6) The Superintending Engineer, Western Circle-I, I&W Dte.
- 7) The Superintending Engineer, Eastern Circle, I&W Dte.
- 8) The Superintending Engineer, Greater Calcutta Drainage Circle, I&W Dte.
- 9) The Superintending Engineer, Investigation & Planning Circle-I, I&W Dte.
- 10) The Superintending Engineer, Investigation & Planning Circle-II, I&W Dte.

**P.T.O**

11) The Director, Dam Safety Organisation, I&W Dte,

12) The Director, Advance Planning Project Monitoring & Evaluation Cell, I&W Dte,

sdf

(SANDIP KUMAR DEY)  
Superintending Engineer  
Mechanical & Electrical Circle  
I&W Dte., Govt. Of West Bengal

**Memo No: 93/1(4)/1T-6**

**Date: 24.01.2017**

Copy forwarded for favours of kind information & necessary action to:

- 1) The Executive Engineer, Metropolitan Drainage Mechanical Division, I&W Dte.
- 2) The Executive Engineer, Metropolitan Electrical Division, I&W Dte.
- 3) The Estimating Section of this office.
- 4) Notice Board of this office.

sdf

(SANDIP KUMAR DEY)  
Superintending Engineer  
Mechanical & Electrical Circle  
I&W Dte., Govt. Of West Bengal

**ANNEXURE-I(modified)**

(Rate should be in details as per BOQ)

| SL NO | DESCRIPTION OF ITEM   | QNTY | RATE/UNIT | AMOUNT(RS) |
|-------|---|------|-----------|------------|
| 1     | SITC of TCP/IP based biometric time attendance device as per specification in Annexure-II(for approx 34 devices/unit)   | 1    |           |            |
| 2     | Biometric time attendance compatible software solution. as per specification in Annexure-II. Back up storage for Finger Print attendance should be of at least 5 (Five)years.   | 1    |           |            |
| 3     | Supply, Installation and Configuration of HD/IP, IR Camera and Recording System for Security Surveillance System for the Protection of Biometric Attendance System.(for approx 27 nos/units camera) Back Up Time for storage of CCTV data should be at least 3 (three) month.   | 1    |           |            |
| 4     | SITC of Server with compatible original licensed software as per specification in Annexure-II for data acquisition, data storage, back up, report generation, employee self portal and web support. as per specification in Annexure-II   | 1    |           |            |
| 5     | CAT 6 data cable (As per actual)<br>Rate may be quoted for one metre<br>(total length may be estimated as per site inspection by the participants of this E.O.I)  | 1    |           |            |
| 6     | SITC of 3 KVA Online UPS (approx 2 nos Unit) power back up for upto 5 hrs   | 1    |           |            |
| 7     | SITC of 5 KVA Online UPS (approx 1no Unit) power back up for upto 5 hrs   | 1    |           |            |
| 8     | Implementation of Local area network and configuration of entire backbone system for biometric attendance system with proper conduit/casing and all necessary accessories i.e network switch, I/O, patch cord, rack power & data cabling, software installation, creation of fingerprint enrolment, data/Id for attendance etc. upto the satisfaction of EIC. | 1    |           |            |
| 9     | Providing training for 3(three) months for a group of 5(five) officers of the department on Data Acquisition, Report Generation, Customization, Usage of Employee Self Service Portal and All the other details of Biometric Device.  | 1    |           |            |
| 10    | Services of Operators during 1(one) year warranty period for operating PC, server, Attendance machine, all software, creation of fingerprint enrollment, data/Id, report generation as per mentioned in the scope of work and data base creation etc, and maintenance and as per direction of E.I.C.  | 1    |           |            |
| 11    | SITC of Desk top computer/PC with printer.(specification as per annexure-II)  | 1    |           |            |
| 12    | Annual maintenance contract after completion of 1 years warranty period for 5(five) years by deploying suitable staffs on each working days during office hours for biometric attendance system, local area network set up as a whole.  | 1    |           |            |

### ANNEXURE-II(modified)

| ITEMS                          | SPECIFICATIONS/FEATURES   |
|--------------------------------|---|
| For Serial No 1 of Annexure-I  | Support authentication method like finger,etc. Support Multi-mode communications to include RS232/485, TCP/IP, USB and Wi-Fi/GPRS to make data management extremely easy. optical Fingerprint Sensor with Resolution: Upto 500 DPI, Enrolment Speed: < 0.5 Sec. USB Interface. 3" color TFT Touch Screen.. Fingerprint Capacity 3,000. Logs 100,000. TCP/IP, RS232/485, USB Host, Wi-Fi/GPRS. Power Supply 12V DC 400mA. Verification Speed Less than or equal to 2 sec. Support Push data technology.  |
| For Serial No 2 of Annexure-I  | Auto Push Data Service on Internet / GPRS.<br>MS Access / MS SQL Server / Oracle Data-base.<br>Parallel logs download optional.<br>150+ Industry standard reports.<br>Also as mentioned in scope of work, <b>softwares should be compatible to upgrade upto 15000 employees, All softwares should be original licensed version.</b>   |
| For Serial No 4 of Annexure-I  | Form factor Tower (5U rack able); Processors Intel® Xeon® processor E5-2600 v3 product family; Chipset: Intel C610 series chipset; Processor sockets: 2; Internal interconnect: Two QPI links at 9.6 GT/s; Cache: 2.5MB per core; core options: 6, 8, 10; Memory 12 DIMM slots: 16GB DDR4 up to 2133MT/s; I/O slots Support for up to total of 6 full-height PCIe 3.0 slots; RAID controller PERC H330; Network controller 3 x 1GbE LOMs; Hard drives 2TB 7.2K RPM SATA 6Gbps*2, 3.5in Hot-plug Hard Drive, 13G; I/O adapter options Broadcom® 5720-based rack network daughter card, Optional add-in NICs; Power supply 750W cabled dual redundant PSU; Systems management : IPMI 2.0 compliant; Remote management iDRAC8 with Lifecycle Controller, iDRAC8 Express , (default), iDRAC8 Enterprise (upgrade); 8GB vFlash media (upgrade), 16GB vFlash media; Operating systems supported Microsoft® Windows Server® 2008/2012 SP2, x86/x64 (x64 includes Hyper-V® ), Microsoft Windows Server 2008/2012/2016 R2, x64 (includes Hyper-V), Novell® SUSE® Linux Enterprise Server, Red Hat Enterprise Linux; and any other items required to run the server/system satisfactorily as per scope of work. |
| For Serial No 11 of Annexure-I | Intel Core i7 Processor, 3.4 Ghz, 8 MB Cache or better, Chipset -- Intel Q77 Express or higher, 4 GB DDR3 RAM with 32 GB expandability, Hard Disk Drive - 1 TB or higher, Monitor - 21 inch LED/TFT Digital Colour Monitor, Key Board, Optical USB Mouse, Laserjet Printer and any other items required to run the server/system satisfactorily as per scope of work.   |

(SANDIP KUMAR DEY)

Superintending Engineer

Mechanical & Electrical Circle

I&W Dte., Govt. Of West Bengal