

CORRIGENDUM AND GENERAL CLARIFICATIONS

1. Specification number mentioned in RFQ Pg No. 2 of 141 for both Ennore and North Chennai project mentioned as “**RARITPS/415/CCTSRev00**” should be read as “**CE/416/PSS/TANGEDO**”. Specification number “**CE/416/PSS/TANGEDO**” is applicable for Main Supply and Mandatory spares for both projects.
2. **Section –A: Addition of cl no “2.e”:** The bidder and offered makes of system components will be submitted to customer for approval. Technical offer of bidder approved by customer (M/s TANGEDCO) only will be evaluated. In case offered makes of components (except makes which are mentioned in specification) are not approved by customer, then bidder will be given opportunity to change the make of such components.
3. **Pg 6 of 141- Refer Section-B Cl a & b:** “Power plant / station of 500MW or above rating” mentioned should be read as “Power Plant / Station of 500MW or above rating of Steam turbine/Boiler”. Cumulative rating of power plant (ie addition of smaller rating turbine/boiler based power plant) shall not be considered as 500MW eg. 2x250MW shall not qualify as one 500MW power plant.
4. **Pg 6 of 141- Refer Section-B Cl b:** This is being revised as below:
The offered IP CCTV camera must have a proven performance in at least two IP CCTV systems installed in power plants of 500MW or above rating and have been running successfully for at least two years as on techno-commercial bid submission date of this tender. No prototype components shall be used.

Bidder (System Integrator or OEMs participating directly) must have a proven experience of designing, supplying and commissioning of IP CCTV system in a power plant or other industry of similar environment conditions like Steel plants, Oil refineries, Coal Mines etc which are fully commissioned and are running successfully for at least one years as on techno-commercial bid submission date of this tender.

Following documents must be submitted for meeting PQR criteria mentioned above at sl no a & b:

- i) Unpriced Purchase Order Copies along with Bill of material specifying make of camera and performance certificate issued by user of 2nos of 500MW or above rating power plant for meeting PQR criteria of IP CCTV camera mentioned above.
 - ii) Unpriced Purchase order copy mentioning name of bidder and Performance certificate issued by user for meeting PQR criteria of bidder mentioned above.
 - iii) List of past supplies in tabular form mentioning name of project, year of supply, year of commissioning, make of system etc.
5. **Page 17 and 19 of 141-BOM of PIDS & CCTV system Item no 11:** As multi-mode OFC is required for perimeter intruder detection system (Cl 17.03.01 pg 23 of 141), the OFC cable supply quantity is revised as below:
Ennore
 - a. Single Mode OFC Cable: 25,000mtrs
 - b. Multi Mode OFC cable: 7,000mtrs**North Chennai**
 - a. Single Mode OFC Cable: 20,000mtrs
 - b. Multi Mode OFC cable: 5,000mtrs

The OFC accessories for multi-mode cable (as called at item no 15 shall be offered as separate line item – one for Single mode OFC and second for Multi-Mode OFC
 6. **Page 16 and 19 of 141-BOM of PIDS & CCTV system Item no 3:** 29” monitor to be offered with client work stations
 7. **Page 23 of 141- Cl 17.02.01:** The UPS mentioned in this clause is not in bidder scope of supply and shall be supplied separately by BHEL. Bidder will be given feeder from this UPS and further distribution to 42U panel and further distribution from panel to various components of the system including camera shall be in bidder’s scope.
 8. **Page 81 of 141- Cl 2.3.13.12 (1):** Digital video Management software make need NOT be same as DCS/DDCMIS software

9. For integration of offered system with external alarms, suitable number of alarm ports should be considered in each zone for both projects.
10. All components offered which are to be installed in outdoor location shall be suitable for operating temperature up to 50Deg C.
11. Recording of camera Videos should be considered at 4CIF 25FPS.
12. Each software being offered with Server and workstation should be mentioned as separate line item in BOM submitted by bidder and unit rate of each such software should be provided.
13. Hardware of the Server to be offered shall meet specification mentioned at cl 17.04.03.06 pg 27 of 141 for Ennore project and cl 2.3.13.6 at pg 65 of 141 for North Chennai project.
14. Please refer cl 17.05.00 (sl iv) page 42 of 141 for LVS connection requirements (2sets) for Ennore and 1 set for North Chennai as per cl 2.3.13.12 pg 81 of 141.
15. 50% of electromagnetic lock to be offered under Access Control System should be of single door type and balance 50% should be of double door type. Unit rate of both type of locks must be provided in price bid breakup.