

SN 52

**GOVERNMENT OF INDIA (BHARAT SARKAR)
MINISTRY OF RAILWAYS (RAIL MANTRALAYA)
(RAILWAY BOARD)**

No.2010/Tele/9(1)/1

New Delhi,
Dated:26.4.12

**The Director General,
R.D.S.O.,
Lucknow**

**The General Manager,
All Indian Railways.**

**The General Manager,
Metro Railway,
Kolkata**

Sub: Inspection of ISS equipment.

**Ref: RDSO's letters No. STT/CCTV/Spec./463/Vol.II
Dated 30.3.12. & 4.4.12.**

RDSO's proposal for inspection of ISS equipment for which testing facilities are not available in the country was under consideration of this office for sometime past. After due deliberation, Board(ML) has approved the following policy for inspection and tendering of ISS equipment for which requisite testing facility is not available in India:-

1. For ISS equipment for which tender is yet to be floated:-

- (i) Necessary type tests as well as acceptance tests on the equipments offered shall be conducted to ascertain conformance of the equipment to the requisite RDSO specification. These tests shall be got conducted by the OEM/Vendor at 3rd party test houses of international repute such as UL, TUV etc. In case the requisite test facilities are available with OEM, the 3rd party test house may conduct these tests in the OEM premises if specifically requested by OEM to RDSO. The details of 3rd party test house (proposed-to be entrusted with the testing) shall be submitted by the OEM/ Vendor to RDSO for prior clearance. These details shall include testing capability of the test house & shall confirm that the test house has undertaken testing of such equipment earlier. Only after the clearance of RDSO, testing shall be entrusted to proposed 3rd party test house. RDSO shall advise the test format and details regarding quantity of equipment on which type test and acceptance test is required to be conducted.
- (ii) Third Party test house after conducting requisite type test & acceptance test shall submit the test report directly to RDSO. In case the equipment conforms to the RDSO specification, necessary clearance for supply of the equipment shall be given by RDSO to the OEM/Vendor.
- (iii) On arrival of such cleared equipment in India, sample tests covering only visual and functional parameters shall be undertaken by RDSO.

- (iv) On successful visual and functional tests as above, the equipment may be considered to be in conformance with RDSO specification. However, the vendor shall submit special bank guarantee equivalent to 10% of the value of the equipments inspected by third party abroad & valid for a period of one year (in addition to Performance Guarantee) and undertaking to the purchaser that the equipment supplied shall meet all the requisite parameters of the specification and shall work satisfactorily failing which bank guarantee may be encashed. Firm shall also submit suitable undertaking regarding satisfactory repair / service support to the purchaser.
- (v) Once type test has been successfully completed on a equipment, only acceptance test shall be conducted subsequently, in case the same equipment (make, model & version) is offered again within a period of 2 years.

2. For ISS equipment which has been tendered and bids have been opened:


Inspection policy outlined in Item-1 above shall be followed. However, failing inspection as per this policy, decision of inspection will be taken at that stage.

3. Revision of tender conditions:-

Incorporate following conditions in the ISS tender document which are due to be floated/opened:-

- (i) An MoU signed between OEM and the tenderer shall be submitted covering availability of long term technical and supply support as well as maintenance and service support from the OEM to the tenderer in India should be incorporated.
- (ii) Requirement of warranty, requisite AMC etc. of adequate period should be incorporated.
- (iii) The tenderer will submit details to demonstrate that the equipment offered is widely used in India/ Abroad in places such as airports, Railway Stations, Govt./Semi-Govt. Installations and other public places should be incorporated.

Zonal Railways are directed to implement the aforesaid guidelines immediately for inspection and tendering of ISS equipment. Policy guidelines above shall be followed in all future tenders of ISS unless otherwise modified/ superseded.


26/4/11

(R.C. Adwal)

Exec. Director (Telecom)

E-mail: edtd@rb.railnet.gov.in

FAX: 030-44198 / 011-23304198

Copy to:

CSTEs/All Indian Railways for information and necessary action.

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Telephone : 91-0522-2465755
Fax : 91-0522-2462635
E-mail : dtele2rdsu@gmail.com



भारत सरकार, रेल मंत्रालय
अनुसंधान अभिकल्प और मानक संगठन
संखनऊ - 226 001
Government of India - Ministry of Railways
Research Designs & Standards Organisation
LUCKNOW - 226011

An ISO 9001
CERTIFIED
ORGANISATION

सं.: एस.टी.टी./सी.सी.टी.वी./स्पेक्स/463/वालयूम- II

दिनांक : 29.03.2012
30.03

To,

Executive Director / Telecom,
Railway Board,
Rail Bhawan,
New Delhi

**Sub : Inspection of Integrated Security System (ISS)
Equipments.**

**Ref : (i) Railway Board's Letter No.2010/ Tele/ 9(1)/ 1,
dated 04.07. 2011.**

(ii) This office letter of even number, dated 27.01.2012.

Vide the reference (i) above, following arrangement for inspection of Integrated Security System (ISS) Equipments was approved by Railway Board:

- (i) Surveillance Access Control and Baggage Screening equipment ordered as per RDSO specification shall be inspected by RDSO till such time vendor registration is done by RDSO.
- (ii) Bomb detection and disposal system shall be inspected jointly by RDSO and RPF officials. Condition in item (i) shall also apply to bomb detection and disposal system.

Accordingly, inspection of ISS equipments has been undertaken by RDSO against awarded contracts of Zonal Railways. However, certain equipments are being manufactured abroad and requisite test facilities are also not available in India particularly for IP based video surveillance cameras. Non-availability of testing facilities in India is resulting in delay in inspection of these equipments.

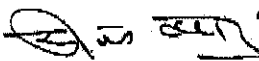
Inspection of video surveillance cameras in connection with integrated security systems being provided on Southern Railway and South Central Railway was to be undertaken by RDSO. As requisite test facilities are not available in the country, the contractor for the work (M/s Nelco) informed that the type test and acceptance test for the cameras may be conducted at manufacturer's premises in South Korea. Accordingly, a proposal was submitted to Railway Board vide reference (ii) above for communicating permission for inspection of cameras at manufacturer's premises abroad. During the discussions with Board, it is learnt that the subject proposal is not yet approved and RDSO was directed to suggest other alternatives for inspection.

In order to expedite inspection of ISS equipments where the requisite test facility is not available in India, following is suggested:

Seema Chakraborty | 1. Future - Seema Chakraborty
2. . .

- (i) Necessary type tests as well as acceptance tests on the equipments offered shall be conducted to ascertain conformance of the equipment to the requisite RDSO specification. These tests shall be got conducted by the OEM/Vendor at 3rd party test houses of international repute such as UL, TUV etc. In case the requisite test facilities are available with OEM, the 3rd party test house may conduct these tests in the OEM premises if specifically requested by OEM to RDSO. The details of 3rd party test house (proposed to be entrusted with the testing) shall be submitted by the OEM / Vendor to RDSO for prior clearance. These details shall include testing capability of the test house & shall confirm that the test house has undertaken testing of such equipment earlier. Only after the clearance of RDSO, testing shall be entrusted to proposed 3rd party test house. RDSO shall advise the test format and details regarding quantity of equipment on which type test and acceptance test is required to be conducted.
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- (iv) On successful visual and functional tests as above, the equipment may be considered to be in conformance with RDSO specification. However, the vendor shall submit suitable bank guarantee (in addition to Performance Guarantee) and undertaking to the purchaser that the equipment supplied shall meet all the requisite parameters of the specification and shall work satisfactorily failing which bank guarantee may be forfeited. Firm shall also submit suitable undertaking regarding satisfactory repair / service support to the purchaser.
- (v) Once type test has been successfully completed on a equipment, only acceptance test shall be conducted subsequently, in case the same equipment (make, model & version) is offered again within a period of 2 years from the type test.

Railway Board may kindly consider the above and may direct further.


(एस.के. व्यास) 30/03/12
कार्यकारी निदेशक/दूरसंचार
(७/८)



V. RAMACHANDRAN



DIRECTOR GENERAL
&
EX-OFFICIO GENERAL MANAGER
Research Design & Standards Organisation
Manak Nagar, Lucknow-226011
Tel. : 91-522-2451221, Fax : 91-522-2457125

No.STT/CCTV/Specs/463/Vol.2

Dated: 04.04.2012.

Member/Electrical,
Railway Board,
New Delhi.

Sub : Inspection of Integrated Security System (ISS)
Equipments.

Ref : (i) RDSO's Letter No. STT/CCTV/Specs./463/Vol. II,
dated 27.01.2012.

(ii) RDSO's Letter No. STT/CCTV/Specs./463/Vol. II,
dated 30.03.2012.

(iii) Telephonic conversation with ML on date.

Railway Board vide Letter No. 2010/ Tele/ 9(1)/ 1, dated 04.07. 2011 directed following arrangement for inspection of Integrated Security System (ISS) Equipments:

- (i) Surveillance Access Control and Baggage Screening equipment ordered as per RDSO specification shall be inspected by RDSO till such time vendor registration is done by RDSO.
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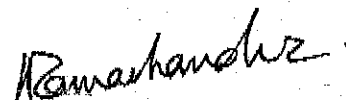
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directed to suggest other alternatives for inspection. Meanwhile North Western Railway has also communicated requirement of inspection of video surveillance cameras against the contract awarded by them to M/s Nelco wherein cameras being provided are of same make and model as covered in Southern Railway & South Central Railway contracts.

Provision of Integrated Security System (ISS) is a critical safety requirement for the Indian Railways to safeguard railway passengers and premises used by them and hence inspection of ISS equipments is an important activity keeping in view the proposed utility of such equipments. **RDSO has acute shortage of officials and deputing officials for such inspection abroad (whenever requisite test facilities are not available in India) repeatedly is not feasible.** However, in view of the fact that inspection requirement of three railways (as the contractor and cameras offered are same) can be met by one inspection visit and deputing RDSO officials shall also ensure that knowledge of test equipments and procedures used in such inspections shall go a long way in further making provisions for such test facilities to be provided for future, it is suggested that RDSO officials may be deputed for the inspection this time. During the inspection period of 15 working days for two RDSO officials (as proposed earlier) additional requirement of inspection of North Western Railway can also be included and completed.

As it may not be feasible to depute such teams repeatedly, alternative inspection procedure has also been submitted to Railway Board vide reference (ii) above. This inspection procedure may be considered for adoption for the contracts which are yet to be floated. Inspection of material against the contract for which tenders have been opened may be finalized after details of equipment being offered against these contracts are known.

Railway Board is requested to please communicate further directions.



(V. Ramachandran)
Director General