

कोल इण्डिया लिमिटेड

(भारत सरकार का उपक्रम)

Coal India Limited

(A Govt. of India Enterprise)

CIN.L23109WB1973GOI028844

Website: www.coalindia.in



A Maharatna Company

सतर्कता विभाग

VIGILANCE DIVISION

"COAL BHAWAN"

Premises No. 04 MAR, Plot No. AF-III

Action Area - 1A, New Town, Rajarhat

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संदर्भ संख्या / Ref. No. CIL/VIG/ MoC/2021/ 4515

तिथि / Date: 11.06.2021

To,

The Chairman
CIL, Kolkata

Sub: Intensive examination of contract agreement no. 6344161/413A1110/CCTV surveillance system for Supply, Installation, commissioning of CCTV surveillance system in different projects/units at NCL.

Ref: MoC letter no. F No. 13019/15/2020-Vig dated 08.06.21.

CVC's OM vide no. 019/col/043/-482074-WE dated 11.05.2021 of CVC Sir,

Sir,

After examining the report of CTE type Intensive Examination of the contract for Supply, Installation, commissioning of CCTV surveillance system along with 04 years CAMC in different projects/units at NCL submitted by NCL vigilance, CVC advised for issuing of necessary systemic improvement suggestions on the matter.

In this regard CVC had constituted a committee of CVOs of MoC, CIL and NCL to upgrade the systemic changes in the matter. The recommendation of the committee (enclosed) was submitted to MoC which was furnished to the CVC vide MoC letter no. 13019/15/2020-Vig dated 25.11.2020..

CVC vide OM no. 019/col/043-482074-WE dated 11.05.2021 advised CVO, CIL and CVO , NCL to intimate the recommendation of the committee to the management for appropriate implementation and to ensure that committee recommendation are uploaded on respective websites.

MoC vide letter dt. 8.06.2021 further requested to take necessary action as per advise of CVC and furnish an action taken report in the matter to the Ministry at the earliest.

In view of above, the committee recommendations are hereby being submitted to CIL management for considering implementation and to upload in CIL websites.

Encl: as above.

T.L. Sadangi
DT.
31.05.2021
B.P.

Yours faithfully

(S/K Sadangi)

Chief Vigilance Officer, CIL

CH/E-767986

SCANNED

DT...11-06-2021

F. No. 13019/15/2020-Vig
Government of India
Ministry of Coal

Shastri Bhawan, New Delhi
Dated the 8th June, 2021

To,

1. Shri S.K. Sadangi,
Chief Vigilance Officer,
Coal India Limited, Coal Bhawan,
New Town Rajarhat,
Kolkata-700156 (WB).

2. Shri A.K. Srivastava,
Chief Vigilance Officer,
Northern Coalfields Limited,
Singrauli, Siddi,
Madhya Pradesh-486889

Subject: Intensive Examination of contract agreement no. 63444161/413A1110/CCTV SURVEILLANCE SYSTEM for "Supply, Installation, Commissioning of CCTV surveillance system in different projects/units at NCL along with 04-year CAMC after completion of warranty period"- regarding.

Sir,

I am directed to forward herewith a copy of CVC's OM No. 019/col/043-482073 dated 11.05.2021 on the subject mentioned above, which is self-explanatory. In this regard, it is to mention that the CVC had constituted a committee of CVOs of MoC, CIL and NCL to upgrade the systemic changes in the matter and the report of the committee has been enclosed herewith for issuance of appropriate guidelines / instruction in the matter and for uploading on the websites of CIL and NCL.

2. It is requested to take necessary action as per instruction in CVC's OM and furnish an action taken report in the matter to the Ministry at the earliest.

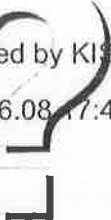
Encl: as above

Yours faithfully

(Kishore Kumar)
Under Secretary to the Govt. of India

Signature Not Verified

Digitally signed by KISHORE
KUMAR
Date: 2021.06.08 17:42:09 IST



274189/2021/R & I

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केन्द्रीय सतर्कता आयोग
CENTRAL VIGILANCE COMMISSION



सतर्कता भवन, जी.पी.ओ. कॉम्प्लेक्स,
ब्लॉक-ए, आई.एन.ए., नई दिल्ली-110023
Satarkta Bhawan, G.P.O. Complex,
Block A, INA, New Delhi-110023

सं./No. 482073

दिनांक / Dated. 11.05.2021

OFFICE MEMORANDUM

Subject: Intensive Examination of contract agreement no. 65444161/ 515A110/CCTV SURVEILLANCE SYSTEM for "Supply, Installation, Commissioning of CCTV surveillance system in different projects/units at NCL along with 04-year CAMC after completion of warranty period"-regarding.

Please refer to Ministry of Coal's letter No. 13019/15/2020-Vig. dated 25.11.2020 (Copy enclosed) on the above cited subject.

2. CVO, CH, and CVO, NCL, are advised to intimate the recommendations of this Committee to the Management for appropriate implementation.
3. CVO, CH, and CVO, NCL are also requested to ensure that recommendations are uploaded on respective Websites.

Navekhare
11/5/2021
(Vivek Khare)
Director

Ministry of Coal,
(Sh. S.B. Negi, JS & CVO),
Snaatri Bhawan,
New Delhi.

Coal India Ltd.
(Sh. Saroj Kumar Sadangi, CVO),
Coal Bhawan
New Town, Rajarhat
Kolkata-700156
(WB)

Northern Coalfields Ltd.,
(Sh. Amit Kumar Srivastava, CVO (Additional charge))
Northern Coalfields Ltd.,
Singrauli, P.O. Singrauli Colliery,
Dist. Sidhi (M.P)486889.

Encl: As above.

Annexure

In compliance to the advice as contained in the D.O. Letter no. 019/col/043-463253 -wE dated 14.10.2020 issued by Addl. Secretary, CVC, a committee was formed comprising of JS&CVO MOC, CVOs of CIL and NCL to discuss para-4 of the said D.O. letter and upgrade the systemic changes in a CTE examination of supply, installation and commissioning of CCTV surveillance system in NCL. The para-4 of said D.O. letter mentioned about issuing necessary systemic improvement suggestion on the matter related nomination of engineer-in-charge in respect of every work so that responsibility can be fixed in case of any irregularity found in execution of work in addition of one issued in 02.04.2019 by NCL. The commission had also opined that lot of improvements are required in the CCTV related matter as the technology is new and required elsewhere and all over the country.

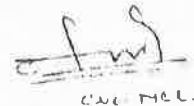
The committee met through VC and deliberated on existing SOPs in IT related provisions already issued by Coal India to be followed in subs diaries. The committee also deliberated the impact analysis of IT systems implemented including CCTVs. The analysis and recommendations are as below:-

1. Nomination of engineer-in-charge in respect of every IT related work:

The SoP for IT initiatives was issued by CVO CIL vide letter no. CVO/VIGIL/16/14/0002/2018/1710-1729 dated 29.03.2018 (copy enclosed) which stated about geo-fencing, GPS/GPRS in vehicles carrying coal, CCTV at all strategic locations and weigh bridges with RFID and boom barrier and broad guidelines about responsibility matrix. Based on the SOP issued by CVO CIL, DT(P&P) NCL issued a detailed SOP in this regard vide letter no. NCL/SGRL/Vig/F-28/453 dated 04.05.2018 based on recommendations of CVO NCL (copy enclosed). The SOPs issued contains detail responsibility matrix against O&M of each IT related work. Therefore, further defining engineer-in-charge for fixing of responsibility may not be required as the details are found elaborate in the SOP issued, pertaining to responsibility definition and nomination of officer accountable for the same.

2. Further Improvement/systemic improvement suggestion:

- 2.1. The SOP for IT initiative along with accountability as per accountability matrix in SOP need to be enforced.
- 2.2. The CCTVs and other accessories, though covered in AMC, but has been observed that remains faulty and takes longer time in replacement in cases not covered under AMC, viz. damage due to lightening, burn etc. As the CCTVs are most important part of IT initiative, the replacement must be ensured by management even in such cases immediately and subsequent reconciliation for accounting of replacement or repairing under AMC or against RNP be made.
- 2.3. It has also been observed that there is no upper limit to declare such items as RNP by vendor against lightening or burn etc. These mostly happen when earthing is not proper, which apparently in CCTV tender of NCL, was done by the same vendor as part of SITC project of CCTV and IT initiative. Therefore declaration of RNP beyond a permissible limit per year should not be allowed. It is suggested to have a maximum or upper limit in the tender/agreement which a Vendor can declare as RNP. Beyond that limit, it has to be replaced/repared free of cost by the vendor.


CVO NCL

- 2.4. Presently GPS are installed in internal vehicles carrying coal from Stock to Siding. However all the internal coal carrying vehicles should have GPS installed and should be under geo fencing monitoring. Therefore there is a need to have GPS installed in the coal carrying vehicles from face/mine to stock also.
- 2.5. The vehicles for carrying OB should also be fitted with GPS where path is common for OB and Coal transportation.
- 2.6. The RFID tags are provided to vehicles engaged for dispatch of coal for a period of time through FSA etc. These RFID tags are also referred as permanent RFID tags. These RFID tags are required to identify authentic vehicle for entry and exit from mine through automated boom barrier for facilitating the same. However there are vehicles engaged by road sale small quantity consumers for a day or couple of days only, on temporary basis. These vehicles are either given temporary RFID for going through boom barriers in some subsidiaries or given a manual challan and boom barrier is operated manually as in case of NCL. This defeats the entire purpose of automated boom barrier. RFID tags need to be provided to these vehicles also with defined number of trips as per requirement. Manual operation of boom barrier to be avoided as far as possible.
- 2.7. At present the data of weighbridges are transferred to central billing system manually and subsequently. Arrangements be made for online and instant transfer of weighbridge data to central billing system (Coalnet) automatically.
- 2.8. Once weighbridge is linked with central billing system, the RFID tags can be used more effectively, by making printing of weighment challans only through RFID reader linked printers and camera in operation. This will also reduce the human intervention at weigh bridge and auto updation of dispatch orders will take place. Use of RFID in vehicle in NHAI toll for authentication and debit of charges may be referred for analysis and upgradation in existing system.
- 2.9. CCTV footage and its functionality are checked manually at control systems at different levels. NMS (Network Management System) need to implement for all network elements for monitoring (viz. pinging of different network elements at regular interval through NMS software etc.) and alert message to be generated and escalated as per accountability matrix. The alert messages should also be escalated automatically to HQ incharge and respective Director after a particular period if not addressed during that period.



Vismita Tej
JS & CVO Ministry of Coal



S. K. Sadangi
CVO CIL



Amit Kumar Srivastava
CVO NCL
