



सत्यमेव जयते

राष्ट्रीय राजधानी क्षेत्र दिल्ली सरकार
GOVT. OF NATIONAL CAPITAL TERRITORY OF DELHI
लोक निर्माण विभाग
PUBLIC WORKS DEPARTMENT
e-mail: pmpwddelhihealth2@gmail.com



अधीक्षण अभियंता
स्वास्थ्य सिविल परिमंडल-II
लो०नि०वि०, दिल्ली सरकार,
डा० बी०एस०ए० अस्पताल परिसर,
सैक्टर-6, रोहिणी, नई दिल्ली-110085
दूरभाष: 011-27933378, 27933240

SUPERINTENDING ENGINEER
HEALTH CIVIL CIRCLE -II,
PWD, GOVT. of NCT DELHI,
DR. B.S.A. HOSPITAL COMPLEX,
SECTOR-6, ROHINI, NEW DELHI - 110085
PHONE: 011-27933378, 27933240

संख्या.: 23(निरीक्षण)/अधी०अभि०स्वा०-II//लो०नि०वि०/2019-20/ 143-H

दिनांक: 14-01-2020

INSPECTION NOTE

The few works of GTB Hospital related to the maintenance works were inspected on 13/01/2020 by the undersigned and the following has been observed and corrective action shall be taken:

Comprehensive maintenance of GTB Hospital:

- 1) It was intimated by the Executive Engineer that the work is a consolidated work of civil and electrical that has been awarded under the jurisdiction of Executive Engineer(E). The copy of agreement was not available.
- 2) The complaints were not being recorded on the computers of the agency whereas the complaints as recorded by other agency that has been deployed by electrical wing were being forwarded and no separate record of complaint was being made by the contracting agency.
- 3) There is specific provision of maintaining the computers, telephone and other infrastructure regarding the complaint centre that was found not fully equipped. It may be ensured that the work of maintaining computers, personnel, other peripherals and recording of complaints is paid to one agency only. The duplication of the work is to be avoided.
- 4) The Junior Engineer shall invariably visit the control area and intimate the deficiencies found in maintenance in the form of complaints so that proper action can be taken by the agency for maintaining the premises as per the requirement of contract.
- 5) The complaint regarding the repair of flooring to the entrance corridor from mortuary side was pending for more than 15 days and no action has been taken to repair / rectify it. The appropriate recovery for not executing the work shall be affected till such time the same is repaired as per the terms of contract.

Renovation of Exterior of OT Block by replacement of steel window with aluminium window in GTB Hospital, Shahdara:

- 1) The work has been executed at one floor (2nd floor) and the same has not been executed as per the CPWD specifications.

- 2) The sections were not protected with self-adhesive non-staining PVC tape as per the Clause 21.1.3.6 in the assembled window section to protect till the finishings are over.
- 3) The fastener used for fixing the window frames to masonry / concrete were ordinary steel screws instead of anchor bolts/ fasteners. The same shall be replaced and the care shall be taken for all future works to be fixed at site.
- 4) The fixing of window sections so as to form the frame work was done with star headed steel screws instead of stainless-steel screws making it a deficient in specification as given in Clause 21.6.2 of CPWD Specifications.
- 5) It was found that one window frame was manufactured out of aluminium profile section of thickness approximately 2mm whereas the other window frame was of thickness approximately 3 mm. The correctness of the weight and thickness of profile section has to be ensured and only one type of profile section (thickness) shall be used in the work. Due to this intentional work of the agency, special care shall be taken by the Assistant Engineer & Executive Engineer at the time of test check.
- 6) The digital micro-meter for measuring powder coating / anodising shall be purchased for effecting the proper control over the quality of work.
- 7) The records of test conducted or sample sent were not readily available and the same shall be sent to this office for review.
- 8) The granite has been fixed on the window sill platform and columns on the window sides. The thickness of granite was not as per item specifications.
- 9) The window sill granite work was very shabby as it was having number of pieces joined together whereas it could have been fixed as a single piece.
- 10) The ends of window sill platforms were having four conduits running along the width of windows and it was informed that these are essential for operation. In such case, the necessity of providing full width granite stone may be examined as it will result in accumulation of water in between the conduits wherein the granite has not been provided. This may be a cause of seepage down below and deterioration of RCC. The best course of the work will be to remove the conduits, if possible or otherwise the width of granite over sill may be restricted to 30 cm so that the water does not stagnate between two granite areas. Further, the slope of granite was very negligible to carry the rain water away from the windows.

Since the work has started, the due care shall be taken for works to be executed along with the remedial measures to be taken for executed works.

Renovation of Seminar Room No. 21, 23 and Dissection Hall in GTB Hospital, Shahdara:

- 1) The dismantling of plastering in Seminar room no. 21 was done and the aluminium ventilators were fixed.

- 2) The position of fasteners was same as explained in other works above. The screws have already corroded and the same shall be changed as per the specifications.
- 3) The entrance flush door was replaced and was provided with lamination. The thickness of the lamination shall be checked with micro-meter to match it with item specifications. There was undulation visible in the surface of the door. The final finish shall be checked before making the payment.
- 4) It was directed that the wall vitrified tiles shall be fixed with 3mm groove and shall be filled with epoxy as per the available items in DSR 2016. The extra item can be prepared for this purpose.
- 5) The care shall be taken while fixing the granite stone in flooring by cutting the granite with water jet technology so that the edges are perfect and the flooring is laid properly. In case of any difficulty, the granite can also be fixed with grooves.

The necessary action for corrections / remedial measures shall be taken.

(आर० के० मल्हौत्रा)

अधीक्षण अभियंता (सि०), स्वास्थ्य परि०-II

प्रतिलिपि:

1. प्रधान मुख्य अभियंता (परि०), स्वास्थ्य, लो०नि०वि०, 2रा तल, बहुमंजिला भवन, नई दिल्ली को सूचनार्थ हेतू प्रेषित।
2. अधीक्षण अभियंता (वैद्युत), स्वा० वै० परि०, लो०नि०वि०, 2रा तल, एम०एस०ओ० भवन, आई०पी० इस्टेट, नई दिल्ली-110002
3. कार्यपालक अभियंता (सिविल), स्वा०अनु०मं०-पूर्व, लो०नि०वि०, जी०टी०बी० अस्पताल परिसर, शाहदरा, दिल्ली को उपरोक्त सभी बिंदुओं पर ध्यान रखने हेतू।
4. गार्ड फाइल।

अधीक्षण अभियंता (सि०), स्वास्थ्य परि०-II