



सत्यमेव जयते

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अधीक्षण अभियंता  
स्वास्थ्य सिविल परिमंडल-II  
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No.:23(Inspection)/अधी०अभि०स्वा०-2 / लो०नि०वि० / 2022-23 / 2665-H Dated: 23/12/22

### INSPECTION NOTE

**Name of Work:** Construction of Trauma Centre & Utility Block at Sanjay Gandhi Memorial Hospital at Mangolpuri, Delhi including water supply, sanitary installations, Elect. Installations, HVAC, Low side Fire Alarm & Fire-fighting system etc.

An inspection was done by the undersigned for the work of "Trauma Centre & Utility Block at Sanjay Gandhi Memorial Hospital" on 23/12/2022 in the presence of the following officials:

#### PWD:

- (i) Er. D.K. Shukla, Executive Engineer(C)
- (ii) Er. Ajay Kumar, Assistant Engineer(C)
- (iii) Er. Kamlesh Kumar, Assistant Engineer(E)

#### Agency:

- (i) Sh. Ved Prakash M/s. PNSC Infrastructure Pvt. Ltd.

The work of Granite in Staircase, Corridor and Ward Block, Tiles in Corridors & Ward Block, Plumbing and Sanitary Line work, E&M Services and other finishing works were in progress.

During the inspection, following observation were made:

- 1) It was noticed that granite work executed on corridor have undulations at joint at many places which is not acceptable. The improper placed granite to be removed & re-lay the same again in the level.
- 2) At several places severe undulations were found in floor & wall tile work. All undulated tiles to be removed immediately.
- 3) It was noticed that door frames are not laid properly. Some primer coat was found on wood surface. It is to ensure that the door frames are placed in position as per drawings. It is also instructed to ascertain that second-class teak wood is being used as frame. The sample of door frame will be sent for testing immediately.
- 4) The slope in toilet flooring and other areas to be ensured for proper drainage of surface water.
- 5) The pressure test of water supply lines and the smoke test for the sanitary lines to be ensured and toilet wise record to be generated.

- 6) It was seen that the safety provisions in the staircase area, duct area, around the building envelope were not provided. It is to be ensured that the safety provisions should be provided as per the safety norms on immediate basis to avoid any mishappening.
- 7) The Executive Engineer, HPD-North pointed out that there is no sufficient space to provide the service trench and other E&M services towards the OPD side. He also submitted that in the back side and left side of the buildings, the sufficient setback of 6 mtr. as per fire norms (taken in the approved drawings) is not available.

The Executive Engineer was asked to resolve the matter of space required for service duct and other E&M services in consultation with the MS, SGMH. It was also asked to take up the matter of proposed 6 mtr. wide fire road in back and left side with the fire department, whether these roads are utmost necessary or not. Whether, the fire department can tackle the fire issues from adjoining areas / roads. If the 6 mtr. wide road is required at all, the matter to be taken up with the MS, SGMH, as due to insufficient space, some of the structures are to be dismantled.

- 8) The Assistant Engineer(E) submitted that old fire tank of 120 KLD capacity with pump house is already existing in the campus. Further, a capacity enhancement of 80 KLD is required considering the new building is being created and proposed for new tank of 200 KLD capacity and adjoining new pump house.

As the space for construction of 80 KLD capacity water tank is available on road side adjoining to the existing fire tank, it was asked to see the possibility of only replacement of existing pumps in the pump house with the new pumps of required capacity, so that the unnecessary expenditure in building a complete new 200 KLD fire tank with pump house can be avoided.

It is seen that the drawings issued by the consultant M/s CP Kukreja & Associates is not in the line with the agreement. Hence, it was directed to M/s CP Kukreja & Associates to issue the drawings only as per the items and quantities taken in the agreement.

It was seen that no representative of TPQA (DTU) was available during the inspection. It was also felt that the TPQA is not attending the site on regular basis and discharging their duties with due diligence, that's why so many defects are being seen at the site. Hence, it was directed that the observations to be submitted by the TPQA to the Assistant Engineer on daily basis in the evening and if the compliance is not made by the agency, the same to be elevated to the Executive Engineer.

**The progress of the above work is very slow and to be expedite by the contractor by deploying more resources like man, materials & machinery and start the other finishing activities on top priority, so that the already lost time can be make up. The procurement of each and every material to be done on priority, so that the work does not suffer from the non-availability of material.**

Executive Engineer to monitor the progress and the compliance of the above observations are to be sent on priority. The Executive Engineer also to ensure that the work is being executed as per the approved drawings and agreement and ensure that no Deviations / Extra Items are to be executed without approval from the competent authority.

(मनोज कुमार)

अधीक्षण अभियन्ता, स्वास्थ्य परिमंडल-2

प्रतिलिपि:

1. मुख्य अभियंता, स्वास्थ्य, लो०नि०वि०, दूसरा तल, एम.एस.ओ. भवन, नई दिल्ली को सूचनार्थ हेतू प्रेषित।
2. अधीक्षण अभियंता (वै०), स्वा०वै०परिमंडल, लो०नि०वि०, 2रा तल, एम०एस०ओ० भवन, नई दिल्ली।
3. कार्यपालक अभियन्ता, स्वा०परिमंडल(उत्तर), लो०नि०वि०, डॉ० बी०एस०ए० अस्पताल, सैक्टर-6, रोहिणी, दिल्ली को सूचनार्थ एवं आवश्यक कार्यवाही हेतु।
4. वर्क फाइल संख्या 23(13)



अधीक्षण अभियन्ता, स्वास्थ्य परिमंडल-2