



सत्यमेव जयते

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अधीक्षण अभियंता  
स्वास्थ्य सिविल परिमंडल-II  
लो०नि०वि०, दिल्ली सरकार,  
डा० बी०एस०ए० अस्पताल परिसर,  
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No.:23(Inspection)/अधी०अभि०स्वा०-2 / लो०नि०वि० / 2022-23 / 2117-11 Dated: 7/10/22

### INSPECTION NOTE

**Name of Work:** Setting up of semi-permanent/temporary ICU Hospitals at Shalimar Bagh (G+3) (1430 Beds), Kirari (G+4) (458 Beds) and Sulatanpuri (G+3) (525 Beds) - Package-I.

**Agmt. No.:** 09/EE/HMD(N)/PWD/2021-22

An inspection was done by the undersigned for the work of "ICU Hospital at Shalimar Bagh, Delhi" on **06/10/2022** in the presence of the following officials:

**From PWD:**

- |                     |               |
|---------------------|---------------|
| 1. Sh. Pawan Kumar  | EE, HMD-North |
| 2. Sh. Rahul Pratap | AE, HMD-North |

**From Agency:**

- |                   |           |
|-------------------|-----------|
| 3. Sh. Ramanpreet | M/s SIBPL |
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**Shalimar Bagh Hospital:**

The work of PEB structure, fire & PU paint, Dry wall partitions, external façade puff panel, toilets brick work, staircase erection etc. were in progress.

During the inspection, the following points were observed:

1. It was seen that the work of PEB Steel Members up to and above terrace level are being executed at very slow pace. In fact, the work of MS Steel Structural work is still continue since December 2021, defeating the whole purpose of erecting the prefabricated steel structural members at faster pace. The majority of the staircase work also pending.

During previous inspections, the representative from the agency assured that all the remaining work of PEB Steel as well as staircases will be completed by 15/09/2022, but most of the remaining work is still pending.

2. During previous inspections, it was noticed that structural PEB members in staircase in Wing-1 were not as per approved shop drawings. The members were inclined / not in proper alignment and not supporting the structure placed above these members. In some of the members, the connecting plates were not in the alignment of the members.

The PEB work of complete site to be checked and necessary rectification to be done in members which are not as per the shop drawings. No tolerance is accepted in execution of the structural work. The compliance report is still to receive.

This is again reiterated that the erection of PEB steel structural members is very important activity and to be executed as per approved shop drawings without any deviation.

3. It was again noticed that even after observations raised during previous inspections, at many places the undersized HSFG bolts have not been changed yet by the agency. The some of the structural members are not completely bolted with HSFG bolts.

This is very serious concern and already raised during previous inspections, but no significant action has been taken up. The further work to be executed only after completing the necessary corrections in the steel structure work.

4. It was seen that the brick work in the toilet was being executed at very slow pace. Even after instructing various times, the labour is not increased.

During previous inspections, M/s SIBPL assured that the labour for the toilets will be increased and the toilet brick work will be completed by 15/09/2022 but only 30-40% work is completed till date. No concrete program submitted by the agency for completion of brick work and tile work in the toilets.

5. It was seen that the work of fire paint was not being executed at all. Further, at many places, the fire paint layer is damaged totally due to not covering it with the PU paint. At all such locations, the fire paint to be removed completely and repainted with the fire paint of the approved DFT and to be immediately covered with PU paint.
6. It was also seen that the brick work in toilets were done up to bottom of the beams without applying the fire and PU paint. All such brick work to be removed and to be done only after providing the fire and PU paint. In other locations also, fire and PU paint to be applied before brick work.
7. It was also noticed that the proper epoxy paint has not been applied over the sub-frame members of the puff panel. The epoxy paint to be applied properly on all the external puff panel frames before fixing puff panels.
8. The AHUs were placed before proper polishing and finishing of the kota stone flooring. Some of the kota stone pieces were weathered and broken. All such defective kota stone pieces to be replaced with proper material. The AHUs to be removed and to be placed only after proper rubbing / polishing / finishing of the kota stone.
9. It was noticed that screws / fasteners were not being provided at places as per the agreement item of the dry wall partition and will leads to improper fixing of dry wall partition. The same needs to be checked and got corrected at all floors.
10. It was noticed that at some places, the trap were place far away from the wall. The necessary rectification for the same to be done by agency before further executing the work. The slope in toilet flooring and other areas to be ensured for proper drainage of surface water. One sample toilet with all plumbing / sanitary lines to be made and got approved before going ahead further.

It was seen that the work of puff panels, structural glazing has not been started due to non-procurement of material and non-submission of shop drawings of structural glazing by the agency.

It was seen that the various activities of works could have been executed on greater pace but the progress of the work is very slow. The activities like fire / PU paint, dry wall partition, brick work in toilets, plumbing & sanitary works, pergola, balance staircase, parapet above terrace, waterproofing, puff panel, structural glazing works etc. can be executed on fast pace by procuring the material and enhancing the labours. But the work is in the almost stand still condition due to non-procurement of the material by the agency and non-deployment of the sufficient labour.

The progress of the above work is very slow and not meeting even with the modified program submitted by the contractor. By this pace, the work cannot be completed by targeted date of 30/11/2022. The work 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 and the work can be completed within the timeline submitted by the agency in the modified program submitted. To make up for the lost time and to complete the work at the earliest, the labour is to be engaged in 3 shifts, round the clock, on the all the activities.

Executive Engineer to monitor the progress on regular basis and ensure that the work is being executed as per the approved drawings and specifications.

( मनोज कुमार )

अधीक्षण अभियन्ता, स्वास्थ्य परिमंडल-2

प्रतिलिपि:

- 1- मुख्य अभि०(अन्य परियोजनाए)-कोविड, लो०नि०वि०, 13वां तल, बहुमंजिला भवन, दिल्ली को सूचनार्थ हेतू प्रेषित।
- 2- कार्य०अभियंता (सि०), स्वा०अनु०मं०-उ०, लो०नि०वि०, रोहिणी, दिल्ली को सूचनार्थ एवं आवश्यक कार्यवाही हेतू।
- 3- वर्क फाइल 23(56)



अधीक्षण अभियन्ता, स्वास्थ्य परिमंडल-2