

कार्यालय मुख्य अभियंता

लोक निर्माण विभाग, अनुरक्षण अंचल- एम 4

राष्ट्रीय राजधानी क्षेत्र (दिल्ली सरकार)

9वां तल, एम.एस.ओ. भवन,

नई दिल्ली- 110002

दूरभाष : 23319795/ फ़ैक्स: 23317728

न०. 23(25) /CEM-4/PWD/GNCTD/942



O/o THE CHIEF ENGINEER

PWD MAINTENANCE ZONE -M4

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दिनांक: - 27 /02/ 2015

INSPECTION NOTE

The following work of Delhi High Court was inspected/reviewed by the Principal Chief Engineer, M-1 on 25-02-2015 (Wednesday) along with Chief Engineer M-4, SE M-43, SE(E) M-45, concerned Executive Engineers, Assistant Engineers, Shri Rashid Ali (Contractor M/s Roshan Real Estates Pvt. Ltd and his team), Shri G.S. Chauhan (Consultant, M/s TCS Architect Pvt Ltd), Sh. Rajesh Deoliya Scientist CBRI (Quality Control), Shri Ajay Sahni (Structural Consultant) etc.

1. Name of work: Redevelopment of 'C' Block at Delhi High Court, Sher Shah Suri Marg, New Delhi (SH: C/o RCC framed structure Building including water supply, sanitary & electrical installation).
Agreement No.: 25/EE/CBMD/M-431/2013-14
Agency: M/s Roshan Real Estates Pvt. Ltd., New Delhi.

The following are the observations:

Architectural Parameters:

Shri G.S. Chauhan, Consultant Architect apprised about the details of the Project. Principal Chief Engineer enquired about provisions kept for natural lighting, ventilation in the basements. The Consultant informed that sufficient cut outs in slab, ventilators in walls have been proposed in the building besides ventilation available through Ramp. Consultant was requested to use light colors/shades for finishing and flooring in the basements to have maximum lighting effect.

Structural Parameters:

The Structural Consultant Shri Ajay Sahni informed that in the structural design/drawings provisions of relevant BIS codes (456:2000, 1893:1984, 13920:1993 etc), Important Factor (I), Reduction Factor (R) have been considered 1.5 and 5 respectively. Principal Chief Engineer stressed upon the adherence to the ductile detailing during execution of the work at site.

Sh. Rajesh Deoliya, Scientist (CBRI) have shown at site and fabricating yard the rebar, stirrups, links etc which are found to be having proper hook, bent and length etc. which fulfills seismic requirement prescribed in the BIS codes.

Progress of Work:

- It is observed that only about 40% work (in Financial Terms) have been completed by the Contractor, whereas at the end of this period approximately 70-80% work should have been completed.
- As per revised program chart submitted by the contractor; the work up to RCC Slab for both the basement is sch. to be completed by 15.03.2015, but may be delayed if the action for construction of RCC retaining Wall, Columns, P&F Centering & Shuttering for beams, slabs etc. in major portion is not expedited by the Contractor with increased work force.

- At site it is observed that resources especially labours have not been deployed in sufficient number, resulting the work is progressing at very slow pace. Shri Rashid Ali, Contractor reiterated that they will arrange extra labours and work for extra hours to accelerate the progress, adhere to the revised schedule and work will be completed by revised target date 15-07-2015.

Water Proofing:

Principal Chief Engineer was apprised of the water proofing work on the horizontal & vertical surfaces of the foundation and basement is being done with integral cement based treatment using rough Kota Stone as per agreement provision.

Electrical & Mechanical Works:

SE (E) M-45 intimated that the tenders/agreements for all E&M Services i.e. Lifts, Escalators, HVAC, DG Set etc. have been finalized and work will simultaneously be carried out once the RCC structure/construction up to level 3-4 is completed.

Observation of the Principal CE.

On review it was observed that timely completion of the Project now depends upon the speedy construction of RCC structure and related civil work. The Contractor was asked to deploy extra resources for expediting the progress and completion of the Project. The progress should be monitored closely by the Field Staff.

2. Construction of 'S' Block at Delhi High Court:

The Principal Chief Engineer was apprised that Preliminary Estimate amounting to Rs. 172.35 Crore have been submitted to the Secretary (Law, Justice & Legislative Affairs, Government of NCT Delhi) on 27-08-2014, A/A & E/S for which is awaited. He was also apprised that the Additional Secretary (Law, Justice & LA) is pursuing the matter with Central Government for making funds available for this Project.

(जयेश कुमार)
मुख्य अभियंता
अनुरक्षण अंचल- एम 4

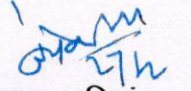
प्रतिलिपि:-

1. सचिव, लो०नि०वि०, 5वां तल, बी विंग, दिल्ली सचिवालय, नई दिल्ली 110002 को सूचनार्थ प्रेषित।
2. प्रमुख अभियन्ता लो०नि०वि०, 12वां तल, एम० एस० ओ० भवन, इन्द्रप्रस्थ संपदा, नई दिल्ली 110002 को सूचनार्थ प्रेषित।
3. प्रधान मुख्य अभियन्ता, एम-1, लो०नि०वि०, 7वां तल, एम० एस० ओ० भवन, इन्द्रप्रस्थ संपदा, नई दिल्ली 110002

प्रतिलिपि सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-

1. श्री एस. के. अग्रवाल, अधीक्षण अभियन्ता, लो.नि.वि.सिविल बिल्डिंग अनुरक्षण परिमंडल एम-43, 11-वां तल, एम. एस.ओ.भवन, इन्द्रप्रस्थ संपदा, नई दिल्ली-110002.
2. श्री बिजेन्द्र कुमार, अधीक्षण अभियन्ता, लो.नि.वि. विद्युत अनुरक्षण परिमंडल एम-45, 13-वां तल, एम. एस.ओ. भवन, इन्द्रप्रस्थ संपदा, नई दिल्ली-110002.

- 3 श्री जे. के. गोयल, कार्यपालक अभियन्ता, सिविल बिल्डिंग अनुरक्षण मंडल एम 431, लो0 नि0 वि0, गेट न0 6, जवाहर लाल नेहरू स्टेडियम, नई दिल्ली-110067।
- 4 श्री संजय वर्मा, कार्यपालक अभियन्ता, लो.नि.वि. विद्युत अनुरक्षण मंडल एम-451, ग्राउन्ड फ्लोर, बहुमंजिला भवन इन्द्रप्रस्थ संपदा नई दिल्ली-110002।
- ✓ 5 गार्ड फाईल।



मुख्य अभियंता
अनुरक्षण अंचल- एम 4