

कार्यालय अधीक्षण अभियंता  
सिविल भवन अनुरक्षण परिमंडल,  
एम-43, लोक निर्माण विभाग,  
11वां तल, एम.एस.ओ. भवन,  
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### **INSPECTION NOTE**

Following work of Delhi High Court was inspected and reviewed by the undersigned on 26-08-2015 (Wednesday) along with Shri J.K.Goel, Executive Engineer (C) and Assistant Engineer (Civil & Electrical), Consultant Architect, Sh. R Deolia CBRI(TPQA), Engineer of the Contractor's (Contractor himself was not present).

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 Number : 25/EE/CBMD/M-431/2013-14  
Agency : M/s Roshan Real Estates Pvt. Ltd., New Delhi.

Following are the observations:

#### **PROGRESS OF WORK:**

Presently centering, shuttering and beam reinforcement at 4<sup>th</sup> Floor Level, brick work and plaster works in other floors are in progress. It is observed that progress of the work is very-very slow; it clearly shows that the Contractor is not making sincere efforts by way of increasing men power, automation (providing Tower Crane, Building Hoist etc.) and extended working hours. As requested since starting of the project, during weekly site meeting, verbally as well as through Inspection Note etc.

Following items/works are required to be expedited for completion of the work.

#### **1. Water Proofing and Earth back filling –**

It is observed that water proofing of the retaining wall of the basement and earth filling around has been abandoned since last few weeks, whereas these are very critical activities to make level ground available for movement of machinery, E&M equipment and works to be carried out by other agencies (i.e. E&M Services) etc.

#### **2. Basements –**

- (i) **Second Basement** – The works of CC Flooring, earth filling have not been carried out and only 8-10 workers were engaged for plaster work. It is seen that complete basement area is available for civil works, but due to non-engagement of sufficient Labors the work is nearly at stand still since last 2-3 weeks.
- (ii) **First Basement**- The CC Flooring, plaster etc. in major part has been completed but other activities i.e. fixing of shutters, flooring, skirting, painting, electrical conduiting is not being attended to, whereas the complete basement area is available for the works.

**3. R.C.C. Slab** - The centering and shuttering for 4<sup>th</sup> floor, binding of reinforcement for beams is in progress. It is observed that hardly 10-15 workers were engaged for reinforcement work, this required to be increased to expedite the progress of the work.

**4. Sample Room/Toilet:** No action for sample room/toilet etc has been initiated by the contractor in spite of repeated verbal and written directions.

#### **5. Quality of work**

- (i) Columns, slabs, RCC parapets etc of the 3<sup>rd</sup> floor were casted during August 2015, but continuous curing is not being done. Curing for the required period as per specifications of all the RCC members, brick work, plaster etc are to be ensured by the site staff.

- (ii) Defect in RCC slab, beams & columns, as pointed out earlier have not been attended completely.
- (iii) Couplers have not been arranged by the Contractor in spite of repeated instructions.

#### 6. E&M Services

DG Sets- It is observed that AE/JE (Elect & civil) are not aware about the size, details of footings etc in spite of drawings available and direction during inspections/visit/meeting at site. They were not aware about the layout of the Cable and requirement of the ducts etc. hence no provisions for the same are left in the brick, RCC wall etc for this purpose.

Similarly in the electrical panel room also no ducts/ openings are left for the electrical services.

It is also observed that so far ducts for HVAC, piping for firefighting arrangement etc. are not been started at site whereas Chief Engineer, M-4 during his inspection on 29-07-2015 has clearly directed to start the work of E&M Services simultaneously.

#### 7. Safety arrangement

It is observed that numbers of workers at site were not wearing helmets, boots etc. which are compulsory safety measure at site. It is also observed that around number of shaft openings, lift well etc. at all floors, barricade/ safety tape, temporary closing of opening with board etc is not provided. This may cause fall of material on the workers/persons working below, accidental fall and may cause injury/mishap. All such openings are required to be cordoned/covered as preventive safety measure.

It is also observed that since earth has not been filled around the retaining walls after water proofing treatment; resulting water is accumulated and may cause breeding of mosquitoes. The contractor is advised to keep the site neat and clean and water should not be allowed to stagnate anywhere.

#### 8. Miscellaneous

Site Order Book, Hindrance Register etc were reviewed and it is observed that contractor is not complying with the instructions given in the site order book to complete satisfaction of the department. It is also observed that there is no hindrance occurred after and the hindrance accountant for shifting of second milestone.

(एस.के.अग्रवाल)  
अधीक्षण अभियन्ता

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दिनांक : 27 अगस्त 2015

#### प्रतिलिपि:

1. मुख्य अभियन्ता, अनुरक्षण अंचल, एम.-4, लो0नि0वि0, 9वां तल, एम.एस.ओ. भवन, आई.पी.इस्टेट, नई दिल्ली को सूचनार्थ।
2. अधीक्षण अभियन्ता (वै0), एम-45, लो.नि.वि., 13वां तल, एम.एस.ओ. भवन, आई.पी.इस्टेट, नई दिल्ली को सूचनार्थ।
3. कार्यपालक अभियन्ता, सि.भ.अनु.मं. एम-431, लो.नि.वि., नई दिल्ली को सूचनार्थ एवं उपरोक्त बिन्दुओं पर कार्रवाई कर शीघ्र अनुपालन रिपोर्ट प्रस्तुत करने हेतु।
4. कार्यपालक अभियन्ता (वै0), एम-451, लो.नि.वि., भू-तल, एम.एस.ओ. भवन, आई.पी.इस्टेट, नई दिल्ली को सूचना व आवश्यक कार्रवाई हेतु।
5. गार्ड फाईल।

अधीक्षण अभियन्ता