



राष्ट्रीय राजधानी क्षेत्र दिल्ली सरकार
GOVT. OF NATIONAL CAPITAL TERRITORY OF DELHI
लोक निर्माण विभाग
PUBLIC WORKS DEPARTMENT

कार्यालय अधीक्षण अभियन्ता
शिक्षा अनुरक्षण इकाई -1
रिंग रोड बाईपास फ्लाईओवर के नीचे,
आईजीआई स्टेडियम गेट संख्या 9 के सामने
आई पी एस्टेट, नई दिल्ली 110 002

OFFICE OF THE SUPERINTENDING ENGINEER
EDUCATION MAINTENANCE UNIT-1
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संख्या: 23(9)/अधी.अभि.(शिक्षा)/अनु.ई.-1/लोनवि/2023-24/442-लव

दिनांक: 12 अक्टूबर 2023

INSPECTION NOTE

Following work under East & North East Division (Education) was inspected on 12.10.2023 (Thursday) along with Shri Santosh Kumar Meena EE (E & NE), Shri Deshraj AE(C), there is no JE(C) and Shri Ankit Saini representative of the contractor and Shri Resham Singh their engineers. /

- 1. Name of the work:** Construction of Pucca School Building (G+3) with ancillary facilities including internal Water Supply, sanitary installation, electrical installation and development of site etc. at vacant land of F1 & F2 Block, Sunder Nagri, Delhi.

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|--------------------------------|---|
| A/A & E/S Details: | ₹ 49,15,40,000/- vide no. 16/Estate/DoE/Const/Sunder Nagri/ 2022/1760-69 dated 20.05.2022 |
| Agreement No.: | 04/EE Edu M (E& NE)/PWD/2022-23. |
| Agency: | M/s Jai Bhagwan |
| Date of Start: | 17.10.2022 |
| Stipulated Date of Completion: | 16.10.2023 |
| Estimated Cost: | ₹ 42,47,67,991/- |
| Agreement Amount: | ₹ 30,00,17,880/- |
| Expenditure: | ₹ 12,60,97,418/- (7 th RA Bill) civil works against agreement; |

Observations are as under:

- i. Progress of the work is still very slow; presently RCC (Slab at Level 3 / top floor), Brick Masonry works at level 2 & 3 are in progress. In physical / financial terms only 40-45% progress is made, whereas stipulated date for completion 16.10.2023 is nearly over. Contractor should note that there is no hindrance from the department in completion of the project.
- ii. One Sample room, one toilet, corridor with Doors and windows, flooring, finishing, fittings & fixtures including electrical works etc (complete in all respect) as per the agreement items, provisions, architectural drawings etc for approval was required to be made ready by about 15.07.2023 as directed during my inspection on 28.06.2023 (refer Inspection Note issued vide even no. 179 dated 04.07.2023), but yet not been completed. Sample rooms, toilets etc are urgently required for finalization of items, colours, fittings etc for approval by PWD and Education Department to avoid variation later on.

- III. EE to ensure that overall expenditure do not exceed the sanctioned/tendered amount (including expenditures on electrical, furniture works).
- IV. Work Registers are now have been docketed by EE.
- V. Steel Reinforcements: Ductile detailing in the Longitudinal Reinforcement (not more than 50 % of area of steel bars shall be spliced at any one section) & Transverse Reinforcement (shall have 135 degree hook end with an extension of 6 times diameter, but not less than 65 mm) as per IS 456, 13920 (latest) etc are still lacking at site in the columns under construction.
- VI. Air Pollution Control measures, disposal of stagnated water etc are lacking at site, EE to ensure compliance as per agreement provisions, directions, guidelines issued by the CPCB, Ministry of E&F, NCT Delhi, CAQM, MCD etc on the matter to prevent pollution and water borne vector disease.
- VII. Following suggestions are to be considered:
 - a) It is reiterated that maximum area in the ground to be left Kutcha (without flooring, concrete in the ground, courtyard etc) for plantations, greening, fountains etc in the premises. Necessary works i.e. construction of planters, fixing of Kerb stones, laying of pipeline for watering etc to be initiated.
 - b) Instead of all PVC water tanks, separate RCC water tanks (for drinking water) on the same platforms may be constructed to have better water quality.
 - c) Necessary water supply, gas supply (including space for storage of gas cylinders outside labs on GF), drainage system and electrical lines, trenches etc are to be provided in the proposed chemistry & other labs as per the layout with the approval of HoS.
 - d) One attached toilet is to be considered with the Principal's and staff room each. Necessary fittings (plumbing for Geyser, ducts for pipes, cables, Power Point Plugs, Brackets for AC Unit etc may also be provided as per future requirements in staff rooms, library etc.
 - e) Minor corrections suggested in the layout of the toilets to have better space arrangement, ventilation and to cut the view from corridors are to be made at site.
 - f) Heaps of Malba, building materials etc lying, scattered on all the floors, corridors etc are to be removed / stacked properly at Ground Floor.
- VIII. Contractor to submit detailed program as per agreement conditions to expedite progress including arrangements of man & materials and completion of the whole project by next 3-4 months.

(एस के अग्रवाल)

अधीक्षण अभियन्ता (शिक्षा अनुरक्षण इकाई -1)

प्रतिलिपि / Copy to following:

1. मुख्य अभियन्ता (परियोजनाए), लोक निर्माण विभाग, नई दिल्ली को सूचनार्थ प्रेषित ।
2. कार्यपालक अभियन्ता , शिक्षा अनुरक्षण मण्डल, पूर्व एवं उत्तर पूर्व, लोक निर्माण विभाग, नई दिल्ली को सूचना एवं आवश्यक कार्रवाई के लिए प्रेषित ।
3. कार्यपालक अभियन्ता (विद्युत) , शिक्षा अनुरक्षण विद्युत मण्डल, लोक निर्माण विभाग, नई दिल्ली को सूचना एवं आवश्यक कार्रवाई के लिए प्रेषित ।

अधीक्षण अभियन्ता (शिक्षा अनुरक्षण इकाई-1)