



GOVERNMENT OF INDIA
GEOLOGICAL SURVEY OF INDIA
27, J.L. NEHRU ROAD
KOLKATA – 700016

No...../(17B)D-11011/DG BLDG./Estate/2019-20

Date :06.09.2019

From:
Additional Director General (AdSS)
Geological Survey of India,
Central Head Quarters,
27, JLN Road, Kolkata-700016
e-mail: estategsichq@gmail.com

To:
The Chief Engineer
CPWD, EZ-I,
Nizam Palace,
234/4, A.J.C. Bose Road,
Kolkata-700020.

SUB :Minutes of meeting held between GSI and CPWD for the proposed 'State of the Art DG Building' at GSI, GN-40, Sec-V, Salt Lake, Kolkata -reg.

Ref.: This office letter of even No. dated 29.08.2019 & 26.06.2019.

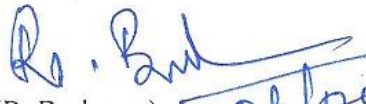
Sir,

In reference to above, it is intimated that the minutes of joint meeting (between GSI and CPWD), held on 04.09.2019, on issue of the conceptualisation of the building plan and services for 'State of the Art DG, GSI Building' at GN-40, Sec-V, Salt Lake, Kolkata is submitted herewith for your information and necessary action please.

Thanking you,

Yours sincerely,

Encl.: Minutes of the meeting.



(R. Baskaran) 06/09/2019
Additional Director General (AdSS), CHQ

No...../(17B)D-11011/DG BLDG./Estate/2019-20

Date: 06.09.2019

Copy for kind information to:

1. The Director General, Geological Survey of India, 27, JLN Road, Kolkata-700016.
2. The ADG & Head, NM-IA, GSI, CHQ, Bhu-Bijnan Bhawan, DK-6, Sec-II, Salt Lake, Kolkata-91.
3. The ADG (PSS), GSI, CHQ, 27, JLN Road, Kolkata-700016
4. The ADG & Head, NM-IV, GSI, CHQ, 15A&B Kyd Street Bldg., Kolkata-700016.
5. The ADG & Head, NM-III, GSI, CHQ, 29 JLN Road Bldg., Kolkata-700016.
6. The SE(Planning), CPWD, EZ-I, Nizam Palace, 234/4, A.J.C. Bose Road, Kolkata-700020.
7. The SE (Electrical), KCEC-II, Nizam Palace, 234/4, A.J.C. Bose Road, Kolkata-700020.
8. Sr. Architect, CPWD, EZ-I, Nizam Palace, 234/4, A.J.C. Bose Road, Kolkata-700020.
9. The DDG (IT) & M-III A, GSI, CHQ, 27, JLN Road, Kolkata-700016- **with request to upload the same on GSI OCBIS portal please.**


(R. Baskaran) 06/09/2019
Additional Director General (AdSS), CHQ

MINUTES OF THE HIGH LEVEL MEETING OF GSI & CPWD ON 04.09.2019
TOWARDS PLANNING FOR CONSTRUCTION OF STATE OF THE ART DG BUILDING.

Joint meeting of the High Level Committee (HLC), comprising officers from GSI & CPWD, held on 04.09.2019 at GSI, CHQ, Oldham Hall for discussion on detailed planning and issue of the building specification/services for construction of the State of the Art DG Building at GN-40, Sec-V, Salt Lake, Kolkata. The meeting was called by the ADG (AdSS), CHQ and the participants of the meeting were as under:

1. GSI Side:

Sl. No.	Participant present in the Meeting	Designation
1.	Mr. S.N. Meshram	Addl. Director General & Head NMH-IA
2.	Mr. R.S. Garkhal	Addl. Director General (PSS), CHQ
3.	DR. S. Raju	Addl. Director General & Head NMH-IV
4.	Mr. R. Baskaran	Addl. Director General (AdSS) & Head NMH-III
5.	Mr. Gajendra Kumar Kesari	Dy. Director General (NM-IA), CHQ
6.	Mr. P.C. Patra	Dy. Director General (PSS), CHQ
7.	Smt. Sanjukta Sahoo	Dy. Director General (HRD), CHQ
8.	Mr. Azizul Hussain	Dy. Director General (STSS), CHQ
9.	Mr. Rajinder Kumar	Dy. Director General (NM-IA), CHQ
10.	Mr. Debkumar Bhattacharyya	Director (IT) & Mission-III A, CHQ
11.	Dr. A S Senthil Vadivel	Director (Adm), CHQ
12.	Mr. Shivaji Gupta	Director & HoO, CHQ
13.	Mr. N.R. Bhattacharjee	Director (Estate & Finance), CHQ
14.	Mr. Bhrigu Shankar	Supdtg. Geologist, Mission-IV, CHQ
15.	Mr. A. K. Singh	Sr. Chemist & Officer (Estate), CHQ

2. CPWD Side:

Sl. No.	Participant present in the Meeting	Designation
1.	Mr. Rajesh Kumar	SE (Planning), EZ-I, CPWD, Kolkata
2.	Mr. Durga Prasad	SE (Electrical), KCEC-II, CPWD, Kolkata
3.	Mr. Shibashis Chaudhuri	Sr. Architect, CPWD, Kolkata.

Shri N.R. Bhattacharjee, Director (Estate) welcomed the invitees and guests from GSI & CPWD for the scheduled meeting and requested to the Shri R. Baskaran, ADG (AdSS), CHQ to convene the proceedings of the meeting with his inaugural address. Shri R. Baskaran also welcomed the dignitaries and highlighted the objectives of the meeting and briefed about the agenda points of the said meeting. Afterwards, Shri A.K. Singh submitted the detailed presentation on the proposed 'State of the Art DG Building' plan and highlighted the technical specification prepared by the CPWD and also requested to the committee for needful discussion on the core issues.

After the brief introduction through the Audio-Video presentation/clip, the meeting started with the following agenda points:

1. Creation of Office, Communication, Safety, Security & Basic Office Amenities in the proposed bldg.
2. Deposition of land use charges to the Govt. of West Bengal.
3. Issue of re-fabricating the entire boundary wall at the Plot GN-40, Sec-V, Salt Lake with the construction of DG Building & provisioning of suitable and new Entry and Exit Gates to the Plot No. GN 40.
4. Scope of utility services, Central AC system and other Civil & Electrical support from the adjacent area of new DG Building at GN 40 & existing Stores Building.
5. Enhancement of the Electric Load Capacity/Provisions under consultation with Mission-III/Mission-IV /WBSEDCL authorities for new DG Building and existing Stores Building.
6. Assessment and creation for extra parking space, single/double storied block (other than basement) along the boundary wall of the new building premises.
7. Complete and comprehensive provisions with latest technologies to control/restrict the entry & exit to the premises with suitable security provisions for the reception counters.
8. Scope for minor modification under the tender document as per the functional requirement, if any.
9. Any related issues on account of GSI Missions, Divisional Heads & CPWD.

Point Wise Discussion and Proposed Suggestions:

1. During the presentation, it is suggested by GSI authorities to CPWD for considering slight change in the Entry Gate/Orientation of the proposed building i.e. 90-degree rotation from back side-wall of the plot to the existing gate side opening for the entry gate (i.e. East corner of the plot to North-east corner of the plot) due to off-view side of the proposed building with respect to plot orientation/direction.

SE (Planning) & Sr. Architect, CPWD stated that the submitted plan has to be reviewed with respect to request of the GSI but the feasibility of the same may only be ascertained after the technical and administrative scrutiny.

(Action by the CPWD)

2. Dr. S. Raju, ADG & Head, NM-IV has pointed out that Steel jacketing is preferable for the protection of the pillars at the basement since the basement has been planned for parking facilities and scope of the damage may be eradicated during the parking in future.

CPWD authorities agreed with the proposal and stated that needful provisions will be made in plan.

(Action by the CPWD)

3. Dr. S. Raju has pointed out about long term warrantee clauses (5-10 years) to address the need for all the civil, mechanical and electrical installations including the Central AC Systems, Centralised water Purifiers UPS, Projectors etc., for the assured and continual operational need. Other GSI authorities has also agreed with the proposal and requested to the CPWD authorities for such type of provisions during planning for construction works.

CPWD authorities agreed with the proposal and stated that needful provisions will be made in plan.

(Action by the CPWD)

4. Regarding the power requirement, Director (Estate), CHQ Shri N.R. Bhattacharjee has pointed out that the power requirement for existing Stores Bldg. with new building should be planned in accumulated way and needful upgradation for entire load should be projected in this new building project. SE (Electrical) informed the house that almost 3000 KVA power load is computed for new DG building and almost 1200 -1300 KVA additional load is recommended for Stores building considering the present load of 500-600 KVA. However, any futuristic load increase may further be intimated to the CPWD for due consideration. Director Estate, CHQ has requested to the Mission-III and Mission-IV authorities for further communication to the Estate (CHQ) & CPWD in this regards.

(Action by the GSI Mission-III & Mission-IV authorities, Estate and CPWD)

5. Regarding deposition of Land use charges to Govt. of West Bengal, A.K. Singh, Sr. Chemist & Estate Officer has raised the issue for needful provisions by CPWD since the proposed sanction are inclusive of the charges for land use (Rs. 16.3390 crore as enabling estimate). He also pointed out about the availability of funds for the proposed GSI DG Building under the budgetary provision of Mine-4059 Plan since no funds was allocated under BE for FY: 2019-20, as per the CPWD pink book details.

GSI authorities opined that land use charges should be well covered under the NIT/ tender condition with needful provisions to ascertain the deposition of statutory charges to the State authorities through the CPWD only as the proposed estimated of project in inclusive of land use charges suitably covered under the Enabling Estimate by CPWD.

(Action by the Estate and CPWD)

6. Regarding access control and restricted entry provision, Shri Debkumar Bhattacharya, Director, M-III A raised the issues and the same was also supported by Shri S. N. Meshram, ADG & Head NMH-IA stating that the building has been planned as 'State of the Art' designed building therefore these type of smart options should be provisioned for the DG building. He also emphasised on the quality of safety and security fitting under the proposed state of the Art DG building. He further added for adaptation of the best suited materials/items/options and the same should be provisioned for the new DG building.

Shri N.R. Bhattacharjee, Director (Estate), CHQ also requested that feasibility of the app based entry/exit access system may be explored by the CPWD for the access control.

CPWD authorities clarified that the needful provision on the access control would be provisioned as per the requisition submitted by GSI in detailed as well as applicability/availability of latest technology in the market. it was also stated by CPWD that quality fittings have been planned for the project and nothing will be compromised on point of security and safety provisions/fittings.

(Action by the Estate and CPWD)

7. Estate Cell, CHQ has raised the issue of considering re-fabrication of boundary wall with new entry/exit gates (having proper metallic & illuminated types of signboards) and landscape development for entire GN-40 premises since during the construction, boundary wall may be dilapidated and for the symmetrical look, the said premises should be considered as single unit for refabricating the entire boundary and related landscape development for GN-40 plot under the proposed new DG building plan. Other GSI authorities also agreed over it and strongly recommended to CPWD for consideration of the same under new project work.

(Action by the CPWD)

8. Dr. S. Raju, ADG, NMH-IV has raised the issue of provisioning the CCTV camera in senior officer's room also along with common area entry gate, basement, staircases, corridors etc. for the security provisions. The proposal was strongly recommended by the other GSI authorities for the needful implementation.

SE (Electrical), KCEC-II has emphasised that the provision for CCTV camera has been kept for common area and few selected places but the facility may further be extended to the few other locations as per the requisition of GSI. Finally, it is recommended by GSI to cover DG & all the HAG officer's rooms additionally for the security and need based reason.

(Action by the CPWD)

9. Smt. Sanjukta Sahoo, DDG (HRD) inquired about the provisions kept for SAG, HAG & DG as per the entitlement for provisioning TV, refrigerator, Tea/coffee machine, hot cases etc. It was indicated by DDG (HRD) that the furniture requirement for visitors is miscalculated and minimum 08 visitors chair is required for HAG officers & 06 for SAG officer along with 3+1+1 seater sofa and central table in the respective rooms. She also highlighted about the need of 02 units of 3 seater sofa in all the waiting areas for DG, HAG and SAG officers in place of visitors chairs. The same was accepted and recommended by the remaining officers of GSI and requested to the CPWD for needful provisions.

CPWD replied that the detailed provisions will be formulated based on requisition of the GSI.

(Action by the Estate & CPWD)

10. Regarding provisions for auditorium in the proposed building, requirement of suitable stage formulation with all the lights, sounds, project/display facility and mode of latest communication should be planned. Requirement suitable service rooms and green rooms with proper connectivity was also been highlighted by the Shri Shivaji Gupta, Director & HoO, CHQ.

SE (Electrical), KCEC-II, CPWD pointed out that the project is under EPC mode and needful provisions for Auditorium/Conference Rooms/Hall for the projectors, display units, sound and light facilities may only be planned afterwards in detailed because till the completion of the construction work, so many up-gradation/innovation is anticipated. On the issue of Stage formulation in auditorium & creating suitable service rooms/green rooms for auditorium and conference halls, SE (Planning) and Sr. Architect assured that the needful options will certainly be explored by the CPWD.

(Action by the Mission-III, Estate & CPWD)

11. Shri R.S. Garkhal, ADG (PSS) also instructed to the members for giving useful suggestion and feedback to the Estate cell, CHQ/CPWD for implementation of the same in planning stage. Requirement of electronic gazettes and other related provisions may be discussed in details at the execution stage.

12. It was highlighted by the GSI Estate authorities that the proposed location of the new DG building at Sector-V, Salt Lake, is basically low land area and suitable plinth height should be maintained to avoid flooding in vicinity. Adequate provision for pumping and drainage system for the basement of the new DG building should also be provisioned.

13. The most important aspect i.e. requirement of the office communication provisions and tools, the discussion initiated by Shri Debkumar Bhattacharyya, Director (M-IIIA) stating that CPWD entire building should be Wi-Fi enabled with provision of LAN, Telecommunication and intercom facilities. He also pointed out about the numbers of LAN nodes/points for each and every entitled officers as per the category. He stated that the requirement of GSI on office communication issues will be forwarded to the CPWD through Estate Cell, CHQ and the raised points has to be considered by the CPWD in planning stage. Requirement of adequate LAN nodes/points at the opposite walls/side in the officer's room was also raised by Shri Rajinder Kumar, DDG NM-IIIA. Mission IIIA has also submitted the Network requirements as an input for CPWD from the GSI side (Annexure-A).

SE (Electrical), KCEC-II, CPWD assured about the implementation of detailed requirement and suggestions for the office communication as per the basic office building requirement as well as requisitions submitted by the GSI. Sr. Architect, CPWD submitted that the building is designed for 3star GRIHA Green building ratings and accordingly, all the possible green building features as well as latest guidelines issued by the GOI for GPOA like, accessible India, RTS Solar PV panels, Installation of energy saving lights and appliances etc., have been provisioned for the State of the Art DG building.

(Action by the Mission-III, Estate & CPWD)

Finally, the meeting has been summarised with vote of thanks from the Director (Estate) CHQ to the officers & dignitaries of GSI & CPWD present in the meeting.

Annexure-A

REQUIREMENT OF NETWORK IMPLEMENTATION IN THE PROPOSED NEW GSI BUILDING

A. Network:

1. Converged Data-Voice-Video network has to be established covering the entire building with state-of-art technology through supply, installation, commissioning and management with all active, passive and service components. The network will have the following:
 - a. Minimum 10 GBPS fibre backbone.
 - b. Wired LAN in all desks / modular sitting places / computer tables.
 - c. Minimum 4 I/O points in the room of DG, HAG, SAG, Conference Halls, auditorium. The location of nodes should be decided depending on the internal layout furniture / sitting arrangements.
 - d. Minimum two nodes for rooms of JAG. Minimum 1 node in all other rooms.
 - e. Wireless network with latest technology covering entire building seamlessly integrated with wired LAN with controller for user access management.
2. Network Security device/NGFW.
3. Floor-wise UPS for all IT devices.
4. Provisioning of ISP link (ILL) of minimum 310 Mbps bandwidth. Provision for mounting of devices in a separate room for the termination of ISP links (ILL and MPLS, if any).
5. Routers with 4 nos. of min. 10G Ethernet ports for the termination of ISP links (ILL and MPLS, if any).
6. LAN should be integrated with prevailing MPLS VPN of GSI.
7. Network switch room with racks for housing the network and link termination equipment. The room should have provision of allowing passage of ISP cables at a later date.

B. Video-conferencing:

8. HD Video-conferencing with integrated display (min 70 inch), codec, speaker in all conference rooms/separately created studio rooms and in the room of the DG, GSI. These systems should be integrated with prevailing system of GSI.

C. Conference Room facilities:

9. Interactive Digital / Smart board (min. 70 inch) with Wi-Fi connectivity in all conference rooms.
10. Wi-Fi displays as per room layout and design.

D. Other

11. Building Management system (CCTV) with recording and data preservation for any forensic analysis.
12. Smart Access in select higher official's rooms, conference rooms etc.
13. ***There should be mandatory provision for comprehensive one-time Warrantee or extended warrantee for minimum 05 years for all the above provisions with suitable technical support on issue of operation and maintenance.***