



*Government of West Bengal
Irrigation & Waterways Department
Jalasampad Bhavan, 3rd Floor, Western Block
Bidhannagar, Salt Lake City, Kolkata 700091*

No. 03 - W/2019-20

Dated, 19th December, 2019

ORDER

Jalasampad Bhavan, Head Quarters of Irrigation & Waterways Department, GoWB is located at DF Block of Bidhannagar (Salt Lake) under Bidhannagar Municipal Corporation, P.S Bidhannagar (North), District of North 24-Parganas. The building comprise three main blocks, the Southern block being five storied building and the Western & Northern blocks being eleven storied buildings, with a total built up area of around 36,040 sq. m.

It accommodates the offices of the Hon'ble Minister-in-Charge, Additional Chief Secretary, Secretariat of Irrigation & Waterways Department, Directorate office of Chief Engineers, Central Design Office and a large number of Circles, Divisions and Sub-Divisions having working jurisdiction in an around Kolkata of Irrigation & Waterways Department, offices of Sale Tax, Professional Tax, Finance (Audit) Department, Tribunals, West Bengal Women's Commission etc. It also houses few offices of Government of India, and other Government authorities as well. The average daily activity involves around three to four thousand people including visitors on a normal office day.

The foundation & superstructure of the buildings are of RCC framed structure, having exterior brick walls with cement plaster finish. However, almost all the interior partitions of various offices mainly are made of mainly wooden and particle boards. As such, most of the materials in the building including office furniture and documents are highly inflammable and susceptible to fire.

The offices functioning in Jalasampad Bhavan presently have piece meal arrangements to combat any emergency which may arise from outbreak of accidental fire, and in the event of any such

occurrence, it may lead to massive loss of human lives and valuable Government properties and documents.

Considering a few recent instances of outbreak of fire in State Government buildings and in view of the various guidelines issued by the Department of Fire & Emergency Services. It has been decided by the Government in this Irrigation & Waterways Department to implement a comprehensive fire fighting, protection system with emergency rescue/exit arrangement facilities for Jalasampad Bhavan in entirety.

The detailed guidelines for implementation of a comprehensive fire fighting arrangement for public multi-storeyed buildings has been mentioned in the National Building Code, relevant BIS Codes and also in the manuals and recommendations of Department of Fire & Emergency Services, GoWB.

The work is of complex in nature containing implementation of wet hydrant system, automatic sprinkler system, fire alarm and detection system, electrical and mechanical works, construction of underground and over head reservoirs, emergency exit and rescue arrangements, operation, maintenance.

Such a work also includes the general difficulty in implementation of the installations and fixtures and undertaking construction activities where the normal office works cannot be kept suspended and also temporary shifting of such a large no of offices not being viable. Rate for items or sub-components of the multi faceted work are also not available in the approved Schedule of Rates of PWD, I&WD or other Departments.

Implementation of the complete fire detection & fighting system broadly comprises two parts:

1. Detection of outbreak of fire including alarm by an automatic electronic system.
2. Fire fighting and emergency evacuation system.

It was proposed by the then Chief Engineer (South), Irrigation & Waterways Directorate during 2017-18 and accepted by the Government in the Irrigation & Waterways Department to implement the work by invitation of online electronic Expression of Interest (EoI) and Request for Proposal (e-RFP) and execute the work through Engineering Procurement & Construction (EPC) Model of contract approved by Finance Department vide their U.O No. Group-T/2016-2017/0570 dated 15.11.2016 and corresponding Departmental order issued vide Memorandum No. 32-(W)/2016-17 dated 16.11.2016 communicated through Memo No. 270-IB dated 16.11.2016.

The DPR for commissioning of fire fighting system prepared on the basis of above has been administratively approved at a cost of Rs. 282.54 lakh by this Department vide No. 750-IB dated 06.03.2019 under State Development Schemes voted budget provision during 2018-19 for implementation in 365 days.

The second part has already been tendered and contract awarded on the basis of L1 bid recommended by the Departmental Quotation-cum-Bid Evaluation Committee headed by Chief Engineer (South) in pursuance of the Order No. 06-W/2017-18 dated 14.06.2017. The work is ongoing and more or less 50% progress achieved.

Now, the DPR for implementation of the first part of the work i.e Detection of outbreak of fire including alarm system by an automatic electronic Mode prepared by the Executive Engineer, Metropolitan Drainage Mechanical Division on the basis of EoI & RFP is to be finalised for administrative approval and implementation of the work. Considering the involvement of Electrical & Mechanical wings in this work, and it has been re-decided to reconstitute the “Departmental Quotation and Bid Evaluation Committee” in the following manner:

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| i. The Chief Engineer (Mechanical & Electrical)
Irrigation & Waterways Directorate | Chairman |
| ii. The Assistant Financial Advisor
Irrigation & Waterways Department | Member cum Financial Advisor |
| iii. The Superintending Engineer
Mechanical & Electrical Circle
Irrigation & Waterways Directorate | Member-cum-Convener |
| iv. The Superintending Engineer
Metropolitan Drainage Circle
Irrigation & Waterways Directorate | Member |

Terms of Reference of the QBEC would comprise the following for which power is being delegated by this Department specifically for this work:

1. Finalization of technical eligibility criteria in the on-line RFP prior to uploading in on-line e-procurement system of the State.
2. Evaluation of Technical & Financial bids obtained from RFP and vet the DPR based on the L1 bid so received in financial proposal to the Government appointed Departmental Tender Committee of Irrigation & Waterways Department for onward recommendations for administrative approval after obtaining which the award of contract (AOC) shall be issued.

3: Recommend/justify sub component items based on rates assessed in the Feasibility Report and that obtained from L1 bid of RFP for acceptance by the Chief Engineer upto the limit of delegated power / recommend re-bid /recommend to the Government for acceptance.

Quorum of a meeting of QBEC is deemed to have been formed if at least 3 out of 4 members are present. But final proposal to be submitted to the DTC signed and vetted by all the members.

Such firmed up proposal is to be placed by the QBEC before the Government Appointed Department Tender Committee (DTC) for acceptance or onward recommendation for obtaining concurrence of Finance Department.

This issues in supersession to this Department Order No. 06-W/2017-18 dated 14.06.2017 communicated vide Memo No. 136-IB dated 14.06.2017.

All concerned are being informed.

Sd/-
(A. Ghosh)
Deputy Secretary to the
Government of West Bengal

Memo No. 385/1(3) - IB
IW/P/IB/CSP-46/2016-17

Dated, 19th December, 2019

Copy forwarded for information to:


1. OSD to Hon'ble Minister-in-Charge
Irrigation & Waterways Department
2. Sr. PA to the Additional Chief Secretary
Irrigation & Waterways Department
3. The Financial Advisor
Irrigation & Waterways Department
& Ex-officio Special Secretary
Finance Department

Sd/-
(A. Ghosh)
Deputy Secretary to the
Government of West Bengal

Copy forwarded for information and necessary action to:

1. The Chief Engineer (South)
Irrigation & Waterways Directorate
2. The Chief Engineer (Mechanical & Electrical)
Irrigation & Waterways Directorate
3. The Assistant Financial Advisor
Irrigation & Waterways Department
4. The Superintending Engineer
Metropolitan Drainage Circle
Irrigation & Waterways Directorate
5. The Superintending Engineer
Mechanical & Electrical Circle
Irrigation & Waterways Directorate
- ✓ 6. Shri Sujay Saha
OSD & Ex-officio Deputy Secretary-III
Irrigation & Waterways Department

This order may be uploaded in the Departmental website www.wbiwd.gov.in.



(A. Ghosh) 19.12.19
Deputy Secretary to the
Government of West Bengal

