

## **ITEM NO. 11 (B-08)**

**1. Name of work:- Establishing 33KV Electric Sub-Station at Netaji Nagar.**

**2. Name of the Department:-** ELECTRICITY DEPARTMENT

**3. Brief history of the proposals:-**

NBCC is redeveloping the area of Netaji Nagar(Part) and Moti Bagh(East). The projected load demand of the redeveloped area is 11.3MW. An additional load of 5MW is also expected in near future i.e. 2MW for proposed 11KV substation at 2<sup>nd</sup> Cross Road, Sarojini Nagar and 3MW for Leela Hotel near NBCC Project. A part of the load of Netaji Nagar and Sarojini Nagar presently being fed from Nehru Park and AIIMS shall also be diverted to this substation.

The anticipated present load demand of the area is to the tune of 25MVA which will increase with time. A 33KV substation is required to be established in the area to meet this quantum of load. A piece of land measuring 3280 Sq.mt. has been allotted by L&DO in the proposed redevelopment project for establishing 33KV substation.

The CEA has been requested to include the scheme in XI<sup>th</sup> five-year plan.

**4. Detailed proposal on the Project:-**

The following equipments have been proposed in the estimate.

- |       |   |          |
|-------|---|----------|
| (i)   | 16/20MVA, 33/11KV Pr. Transformers  | - 3 Nos. |
| (ii)  | 33KV, 1250 A, 1500 MVA, DBB Indoor Type<br>GIS 12 Panel Board   | - 1 No.  |
| (iii) | 11KV, 1250 A, 350 MVA, SBB Indoor Type<br>SF-6/VCB 13 Panel Board   | - 3 Nos. |
| (iv)  | 1000KVA, 10.5/0.415 KV, Oil type<br>Distribution Transformer  | -2 Nos.  |
| (v)   | Two Tier LT Panel Board with ACB  | -1 No.   |
| (vi)  | The S/S is proposed to be fed through 33KV, 3x400 Sq.mm<br>XLPE Cables from 220KV Substation Trauma Centre, AIIMS<br>and 66KV Substation State Guest House with three Nos. feed<br>and one No. feed respectively. |          |

The cost of the above equipments comes out to Rs. 1929.54 Lacs. The cost of the building has been taken as Rs. 150 Lacs.

The anticipated cost of the project is Rs. 2079.45 Lacs including 3% contingencies.

5. **Financial Implications:-** The estimated cost for establishing 33KV S/S at Netaji Nagar is Rs. 2079.45 lacs chargeable to the head of a/c E.4.1.

6. **Implementation schedule with timeliness for each stage including internal processing: -**

i) Approval of scheme by Council	June,2009
ii) Issue of estimate to Construction Division for execution	July,2009
iii) Preparation of detailed estimate	September,2009
iv) Approval of Draft NIT	October,2009
v) Call of tenders	November,2009
vi) Award of work including opening of tenders, negotiations with the tenderer etc.	June,2010
vii) Completion of work	December,2011

7. **Comments of the Finance Department on the subject:-**

The Finance Deptt. vide diary No. 964/Fin. Dated 27.05.09 has concurred in the Preliminary Estimate amounting to Rs. 2079.45 lacs subject to following:-

1. Approval of the competent authority.
2. Availability of funds.
3. The work would be got executed after adhering codal provisions.
4. Detailed estimates would be framed (including for civil work) on the basis of proper analysis of rates at the time of seeking approval of the Competent Authority for draft N.I.T.
5. The department is advised to take action for proper guidelines/policy on lump sum charges in order to streamline the procedure for framing the estimate in consultation with M/s DTL & CEA as advised by Advisor (Power).
6. The Project Report placed at page 66/N may be signed by SEE-V and CEE-II. Estimate may also be signed in token of their acceptance.
7. Considered opinion of the Advisor (Power) and Advisor (Elect.) rendered at page 8/N may be kept in view while preparing detailed estimates.
8. The work may be started only after getting the clearance from CEA.

8. **Comments of the Department on comments of Finance Deptt:-**

1. Approval of the competent authority i.e. Council is being taken.
2. Rs. 50 lacs has been kept in the BE 2009-10. The budget shall be suitably revised in RE-2009-10 and subsequent years as per future requirement.

3. The codal provisions would be adhered to.
  4. The detailed estimate shall be prepared by the executing division on the basis of proper analysis of rates.
  5. the advise of Finance Deptt. is noted while framing the future estimates.
  6. The Project Report placed at page 66/N has been signed by SEE-V and CEE-II. Estimate has also been signed.
  7. The considered opinion of the Advisor (Power) and Advisor (Elect.) shall be kept in view while preparing detailed estimates.
  8. The work shall be started after getting clearance from CEA.
- 9. Legal implications of the Project:-** No legal implication is involved.
- 10. Details of Previous Council Resolution:-** Nil
- 11. Comments of the Law Deptt. on the Project:-** No law point is involved
- 12. Comments of the Deptt. on the comments of Law Deptt. :-** Nil
- 13. Recommendation:-** The preliminary estimate amounting to Rs. 2079.45 Lacs for establishing 33KV ESS at Netaji Nagar, may be placed before the Council to accord administrative approval and expenditure sanction. Since the work is of urgent nature, approval is solicited to take further action in anticipation to confirmation of the Minutes of Council Meeting.
- 14. Draft Resolution:-** Resolved by the Council that Administrative approval & expenditure sanction is granted to the preliminary estimate amounting to Rs. 2079.45 lacs for establishing 33KV Electric Sub-Station at Netaji Nagar. Further approval is accorded to take action and anticipation to confirmation of the Minutes of Council Meeting.

### **COUNCIL'S DECISION**

Resolved by the Council to accord administrative approval & expenditure sanction to the preliminary estimate amounting to Rs.2079.45 lacs for establishing 33KV Electric Sub-Station at Netaji Nagar.

It was further resolved that the residents of the surrounding areas like Nauroji Nagar, Moti Bagh etc. shall be given assured power supply from this Sub station.

Keeping in view the urgency to complete the work at the earliest, it was decided that the work of establishing 33KV Sub-station at Netaji Nagar may be got executed through M/s PGCIL on turnkey basis

in lieu of the work of establishing 33KV Sub-station at Aliganj (Jorbagh), on the rates, terms and conditions of the contract already awarded to them after approval of the Council.

It was also resolved that further action in the matter be taken in anticipation of confirmation of the minutes by the Council.