



पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
Power Grid Corporation of India Limited

सूचना का अधिकार अभिनियम 2005 के अंतर्गत केन्द्रीय लोक सूचना अधिकारी
Central Public Information Officer under the RTI Act, 2005
केन्द्रीय कार्यालय, 'सौदामिनी', प्लॉट नं.2, सैक्टर-29, गुडगांव, हरियाणा-122007
Corporate Centre, 'Saudamini', Plot No. 2, Sector-29, Gurgaon, Haryana-122007



CP/RTI/2016/28&152

Date: 22nd August, 2016

Shri Harshit Vashisht,
B-12, Manu Appartments,
Mayur Vihar, Phase-I,
New Delhi 110 091

Sub: Information under Right to Information Act, 2005 (Application No. 28 & 152 dated 14.04.2016 & 30.06.2016.)

Dear Mr. Vashisht,

This has reference to your online RTI request dated 14th April, 2016 & 30th June, 2016, under RTI Act, 2005.

Information sought is attached at **Annex-I**.

Since, the compilation of the information took some time, the information sought couldn't be provided within 30 days of period. The delay was unintentional and inconvenience caused is regretted, please.

First Appeal, if any, against the reply of CPIO may be made to the first appellate Authority within 30 days of the receipt of the reply of CPIO. Details of Appellate Authority at Corporate Centre, Gurgaon, under RTI Act, 2005 is as below:

Executive Director (CP) & Appellate Authority
Corporate Centre, Power Grid Corporation of India Limited
"Saudamini", Plot No. 2, Sector-29, Gurgaon – 122007, Haryana.
Phone No. 0124-2571960

Thanking you,

भवदीय,

सतीश
22/8/16

(सतीश कुमार जे.)

उप महाप्रबंधक (के.आ.) एवं के.लो.सू.अधिकारी

Phone No. 0124-2822746

Email ID: cpio.cc@powergrid.co.in

S No.	Information sought by Sh. Harshit Vashisht under RTI Act 2005.
a.	<p>Q. What was the total estimated cost of the project works +/- 800kV NE_Agra HVDC project at Agra, Uttar Pradesh?</p> <p>Ans. The project at Agra is part of the scheme "North East – Northern / Western –I Project" which has a total revised approved cost of Rs. 13762.8 Cr. Separate cost for +/- 800kV NE-Agra HVDC Project at Agra, Uttar Pradesh is not available.</p>
b.	<p>Q. How many packages of tenders were floated for the completion of +/-800kV HVDC project works at Agra, U.P.?</p> <p>Ans. Turnkey HVDC terminal package was floated for +/- 800kV HVDC project works at Agra under NER-Agra HVDC project.</p>
c & d	<p>Q.c. The tenders as floated for completion of works relating to +/- 800kV HVDC project ; was through open tendering or limited tenders. Please provide details separately for limited tenders and open tenders floated with the name of the agencies invited and name of agencies whom had participated in open tendering procedure.</p> <p>Q.d. The reasons of floating limited tendering in case any.</p> <p>Ans. Open tender was used. The particulars of orders placed by POWERGRID from time to time including those awarded for works relating to +/- 800kV HVDC NE-Agra project are available on POWERGRID's website www.powergridindia.com. Further, procurement is made through contracts placed as per the provisions contained in the Bidding Documents for various packages as we as in "Works Procurement Policy and Procedure (WPPP)", Vol-I of POWERGRID. The Bidding Documents for a package for which procurement is in progress as well as WPPP are available on POWERGRID's website www.powergridindia.com.</p>
e.	<p>Q. Were the tenders as awarded to the respective agencies done on lowest bidder basis or some price preferences been granted to the companies whom had participated?</p> <p>Ans. The particulars of orders placed by POWERGRID from time to time including those awarded for works relating to +/- 800kV HVDC NE-Agra project are available on POWERGRID's website www.powergridindia.com. Further, procurement is made through contracts placed as per the provisions contained in the Bidding Documents for various packages as we as in "Works Procurement Policy and Procedure (WPPP)", Vol-I of POWERGRID. The Bidding Documents for a package for which procurement is in progress as well as WPPP, are available on POWERGRID's website www.powergridindia.com</p>
f.	<p>Q. Which agencies were allotted and awarded the works after open and limited tendering processes for completion of the +/- 800kV HVDC Project with the date of award, timelines allowed for completion of works and the award value for each of these agencies.</p> <p>Ans. The HVDC terminal package for +/- NER –Agra HVDC project was awarded to Joint Venture of M/s ABB and M/s BHEL vide NOA dtd. 21.03.2011. The particulars of orders placed by POWERGRID from time to time including those awarded for works relating to +/- 800kV HVDC NE-Agra project are available on POWERGRID's website www.powergridindia.com.</p>
g.	<p>Q. In case works was awarded to a foreign company for specific works, please confirm the reason for allotting works and was the same technology unavailable with the Indian manufacturers/companies.</p> <p>Ans. The HVDC terminal package for +/- NER –Agra HVDC project was awarded to Joint Venture of M/s ABB and M/s BHEL vide NOA dtd. 21.03.2011. The particulars of orders placed by POWERGRID from time to time including those awarded for works relating to +/- 800kV HVDC NE-Agra project are available on POWERGRID's website www.powergridindia.com</p>

	<p>The foreign company, ABB Sweden was one partner of the JV of ABB and BHEL to whom the subject HVDC terminal package was awarded.</p> <p>+/- 800kv technology of HVDC transmission was first brought in India through this project, and no Indian company/manufacturer had this +/-800kv HVDC technology to execute the package on their own.</p>
h.	<p>Q. How many buildings were constructed under this project and what technology was used to build these buildings?</p> <p>Ans. There were twelve types of buildings constructed under this project, namely – Valve Hall, Indoor DC hall, Main Service Building, Additional service building, Valve hall Ventilation room, Valve cooling rooms, Auxiliary relay buildings, MV switchgear rooms, Fire-Fighting pump house, DG/CNG room, LV switchgear room. The buildings are RCC framed structure and Pre engineered buildings.</p>
i.	<p>Q. Were any technical consultants appointed for monitoring the quality and progress of works for +/- 800kv HVDC project? In case yes please elaborate the scope of works awarded upon them.</p> <p>Ans. Yes, technical consultants were appointed to review only the Engineering design of the subject HVDC terminal package. Their work included reviewing the design documents, participating in Design review meetings, type-tests witnessing etc.</p>
j.	<p>Has PGCIL constructed covered DC halls, in case yes then please elaborate as to why were these covered halls required as in majority of cases these are not covered.</p> <p>Ans. Yes, the covered DC Halls are constructed at Agra. This was necessitated to safeguard against pollution related flashovers in DC yard. Indoor DC Hall has been envisaged to reduce the impact of pollution on 800kV DC yard and to improve flashover performance. This is also in line with past experience of DC flashovers in polluted area.</p>
k.	<p>Q. Which agencies have been awarded / sublet the works for construction of the DC Halls?</p> <p>Ans. JV of ABB and BHEL has been awarded the works for construction of the terminals on turnkey basis which included the scope of DC Halls also.</p>
l.	<p>Q. What is the cost incurred for construction of the DC halls separately?</p> <p>Ans. JV has quoted the price for structural steel, concrete, etc. as separate lump sum price. Hence, separate item/price as DC halls is not available in the contract.</p>
m.	<p>Q. Have the covered DC halls been constructed in time as per project milestone requirement, if there was a delay on completion of DC hall did that affect the total project timelines. Please elaborate the reason for the delay in case there was any and also confirm what additional time was allowed to the agencies for completion of the halls?</p> <p>Ans. The works at +/- 800kV NE-Agra HVDC project are not complete. Part of the system is commissioned and remaining part of the project is under various stages of completion/progress.</p>
n.	<p>Q. When the electrical current was made available to energize the Halls?</p> <p>Ans. Pole-1: energised on 31st Aug, 2015 Pole-2: Energised on 28th May, 2016</p>
o.	<p>Q. Who had been allotted/sublet the electrical works as associated with the project and have the work been progressing by the agency in time as per the milestones required for the overall works completion?</p>

	<p>Ans: JV of ABB and BHEL has been awarded the works on turnkey basis. POWERGRID has awarded the above contract to Joint Venture of M/s ABB, ABB Sweden & M/s BHEL, India. As per the contract the JV shall be overall responsible and liable for execution of the contract.</p>
p.	<p>Q. Who had been allotted/sublet the civil works as associated with the project and have the work been progressing by the agency in time as per the milestones required for the overall works completion?</p> <p>Ans: JV of ABB and BHEL has been awarded the works on turnkey basis. POWERGRID has awarded the above contract to Joint Venture of M/s ABB, ABB Sweden & M/s BHEL, India. As per the contract the JV shall be overall responsible and liable for execution of the contract.</p>
q.	<p>Q. What was the timelines for commissioning of various stages of the +/-800kV HVDC project?</p> <p>Ans: The project at Agra, along-with remote-end HVDC terminal at Biswanath Chaeriyali and associated transmission line from Biswanath Chaeriyali to Agra, was to be completed progressively by Mar'16 as per revised schedule approved by the Board.</p>
r.	<p>Q. Has the project progress been in line with the timelines as scheduled for commissioning of various stages of works? In case not, please elaborate the activities delayed and the reasons of delay with the loss incurred by PGCIL on this account till date alongwith the action taken by PGCIL to overcome the revenue and loss of times.</p> <p>Ans. The scheme was originally scheduled for completion in Aug'13. However, its implementation got delayed due to various reasons such as delay in award of terminal station pkg. (being new technology), law & order problem /local disturbances in NER, Right of problems in line, etc.</p> <p>The tariff/revenue on the commissioned assets are decided by CERC based on cost incurred and taking into consideration various reasons for delay. With regards to loss of revenue, if any, it is submitted that POWERGRID have filed the petition for approval of Transmission charges for the assets which has commissioned till date and final order from CERC is awaited. Any observation on revenue can be made only after completion of entire project and issuance of final tariff order by CERC.</p>
s.	<p>Q. Has any stage/part of the project been commissioned as on date, please elaborate in detail of the activity been commissioned. In case a part of the project has been commissioned, please confirm the date of commissioning for the same alongwith the revenue generated till date on this account.</p> <p>Ans: Pole-1 of the subject HVDC project has been commissioned and declared under commercial operation on 01.11.2015. POWERGRID have filed the petition for approval of Transmission charges for the assets which has commissioned till date and final order from CERC is awaited. Any observation on revenue can be made only after completion of entire project and issuance of final tariff order by CERC.</p>
t.	<p>Q. Has any stage/part of the project been energized, in case yes, please confirm when was the system energized.</p> <p>Ans: Pole-1: Energised on 31st Aug, 2015 Pole-2: Energised on 28th May, 2016</p>
u.	<p>Q. Has Powergrid Corporation of India Limited during the course of works execution for +/-</p>

	<p>800kV HVDC project at Agra, Uttar Pradesh; till date incurred any loss whatsoever on any account. In case PGCIL has incurred loss of revenue or any other losses, please provide the reasons for losses incurred with the value of losses incurred and steps/measures taken to overcome the same in detail.</p> <p>Ans. With regards to loss of revenue, if any, it is submitted that POWERGRID have filed the petition for approval of Transmission charges for the assets which has commissioned till date and final order from CERC is awaited. Any observation on revenue can be made only after completion of entire project and issuance of final tariff order by CERC.</p>
v.	<p>Q. For delay of works from any of the agencies as associated with the HVDC project, has there been any penal action/penalty imposed upon. In case yes, please provide the details of the agency and the amount of penalty imposed upon.</p> <p>Ans. The works at +/- 800kV HVDC project are not complete. Part of the system is commissioned and remaining part of the project is under various stages of completion/progress. Once the Project is completed the decision to impose penalty, if any, on the JV would be taken.</p>