



TENDER NO.:NRPC/COMM/225/2017/1

**“उत्तर क्षेत्रीय विद्युत समिति में वेब पोर्टल के विकास”  
हेतु ई-निविदा**

**E-TENDER  
FOR  
“DEVELOPMENT OF WEB PORTAL IN NRPC”**

**उत्तर क्षेत्रीय विद्युत समिति /Northern Regional Power Committee  
कटवारिया सराय/Katwaria Sarai,  
नई दिल्ली-110016/New Delhi-110016  
वेबसाइट/ Web Site: [www.nrpc.gov.in](http://www.nrpc.gov.in)**

**अप्रैल 2017/April 2017**

## **NOTICE INVITING e-TENDER (NIT)**

Online Bids are invited from eligible Bidders for Development of web-portal in Northern Regional Power Committee (NRPC), New Delhi.

### **IMPORTANT INFORMATION**

Tender Publishing, Document download start Date & Time	<b>21.04.2017 from 1800 hrs.</b>
Tender Documents to be downloaded from	<b><a href="http://eprocure.gov.in/eprocure/app">http://eprocure.gov.in/eprocure/app</a></b>
Bid Submission Start Date & Time	<b>21.04.2017 from 1830 hrs.</b>
Pre-Bid Conference Date & Time	<b>08.05.2017 at 1100 hrs.</b>
Bid Submission Closing Date & Time	<b>15.05.2017 at 1400 hrs.</b>
Technical Bid Opening Date and Time	<b>16.05.2017 at 1600 hrs.</b>
Contact Details	<b>Executive Engineer (Commercial),</b> Northern Regional Power Committee, 18A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016. Phone: 011-26868681/26967842 Ext No.111 & 110 Email: <a href="mailto:sec-nrpc@nic.in">sec-nrpc@nic.in</a> Website: <a href="http://www.nrpc.gov.in">www.nrpc.gov.in</a>

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# **1. PART-I: BID SCOPE & REQUIREMENTS**

## **1.1. Brief Scope of Work**

- 1.1.1. Development of bilingual, GIGW compliant dynamic CMS based web-portal for NRPC, security audit of portal and hosting at NIC cloud in Linux environment.
- 1.1.2. Facility for accessing classified information by identified users through login.
- 1.1.3. Porting of existing data from local server to the new portal on regular basis, as and when required.
- 1.1.4. Transfer all files/data available on present website to new portal.
- 1.1.5. Migration of existing Transmission System Outage Planning Software to the new portal. This software is being used for collection of data online.
- 1.1.6. Development of Mobile App (Android and iOS) for access of data and information of web portal.
- 1.1.7. Documentation of the web-portal.
- 1.1.8. E-mail and SMS integration with web-portal.
- 1.1.9. Integration of in house software for Certification of Transmission System availability and Open cycle Certification etc. with new portal.
- 1.1.10. Web-portal shall be capable of online data collection and generation of various reports including but not limited to:
  - a. Regional Generation Outage Planning
  - b. Daily, Hourly Basis Power Supply Position
  - c. Monthly Regional Power Supply Position (Provisional and Final),
  - d. NCR Power Supply Position,
  - e. Power cuts on industries/Agriculture,
  - f. Variable charges of generating stations,
  - g. Details of transmission line wise insulator cleaning/replacement

Detailed requirement of the reports is given at Annexure -XII.

- 1.1.11. Six months of defect liability period from the date of handover of the web-portal and AMC of one year after expiry of defect liability period.
- 1.1.12. Providing training to NRPC officers on new portal.

## **1.2. Technical Details**

### **1.2.1 Structure for the Proposed web Portal**

The portal should be highly available (24x7), dynamic and fully addressing the organization and positioning requirement of the client. The structure shall be as per best industry practices as per direction by officer incharge. A broad layout structure is given as under:-

1.	Home	Home Page will act as a gateway to other sections, Announcements, Upcoming Events, Ticker on Latest updates,
2.	About us	Constitution, Functions, Member of NRPC, Profile of Chairman and Member Secretary, Key personnel of Sectt.
3.	NR Grid	To cover the information about Northern Grid
4.	Commercial Activities	Deviation settlement Account
		Reactive Energy Account
		RRAS Account
		Congestion Charge Account
		Regional Energy Account
		Regional Transmission account
		Deviation / UI POOL Status
		Interest on UI/Dev. / React. Charges
		Transmission System Availability Certification
		Details of RRAS Provider
5.	Operational Activities	Power Supply Position
		Monthly Approved Shutdown of Gen Units
		Monthly Approved Shutdown of Transmission Elements
		Allocation Orders
		Annual Maintenance Schedule
		Progress of Capacitor Installation
		Power Cuts
		Open Cycle Certification
		Data Formats
		Pollution Mapping
6.	Protection Activities	Protection Philosophy
		UFR and DF/DT Relays
		UVLS Scheme
		SPS
7.	Reports	Annual Report
		Monthly Progress Report
		LGBR
		Capacitor Study Report
		Enquiry Committee Report
		Other Reports
8.	Meetings (Agenda, Supplementary agenda, Related information, Minutes are to be managed)	NRPC/TCC
		OCC
		Commercial Sub Committee
		Protection Sub Committee
		System Study Committee
		Crisis Management Group
TeST Sub-Committee		

		Special Meetings
		Others
9.	Official Language Policy	
10.	Right to Information	
11.	Important Links	CERC Orders
		CERC Regulations
		CEA Regulations
		Important Websites
12.	Archives	
13.	Tenders	
14.	Photo Gallery	
15.	Contact Us	
16.	Outage Planning (Transmission/Generation)	
17.	Online submission/uploading of data with login facility	
18.	Login for accessing classified information as detailed in Annex-XI .	

### 1.2.2 Structure for the Proposed Mobile App (Android and iOS)

All commercial accounts, Operational data, Notice/agenda/minutes of meetings, reports should be accessible through the App. The app should be able to provide intimation and reminders to the users about new update , meetings, major events etc.

### 1.2.3 Technical specifications for portal and Mobile App:

The development shall be based on latest open source platform/database.

### 1.2.4 Other Key Technical Requirements

- i. Ensure the compliance of all statutory rules, guidelines, standards etc. including prevailing :
  - a. Government of India Website Guideline (<http://web.guidelines.gov.in/> for reference)
  - b. WCAG 2.0 AA Guideline
- ii. **Search Engine Optimization (SEO):** System should have the option to Add and Manage Title, Meta keyword, and Description for home page and other pages as per the requirement for better optimization of the website in various search engines. The selected bidder is supposed to do the SEO for website.
- iii. **Bilingual Websites:** Website should initially be in Hindi and English language. In case of bilingual Website, website in each language will have separate Resource files for respective language and shall have provision for easily supporting other Indian Languages in future. It shall ensure that the content is universally accessible by using Unicode compliant font.
- iv. **Disable Friendly:** Web accessible simply means that web pages are usable by all and on all different devices.
- v. **Monitor and report Portal usage statistics:** Integrates common

- analytics and customer satisfaction tools.
- vi. **Auto Backup:** There should be feature of auto periodic backup of webpage's and database
  - vii. **Auto Archival feature:** This feature will help in transferring the expired content in the Archive section as per the approved archival policy. Archival Section will be available in each module and can be retrieve using search option with appropriate filters
  - viii. **Browser/OS/Resolution/Device Independent:** The website so designed and developed should be compatible with all popularly used browsers/OS/Resolution and Devices.
  - ix. Uploading of Content in PDF, Word, Excel and Searchable format.
  - x. **Social Media Integration:** Social Media Integration involve following activities
    - a. Social Media Like/Follow button without leaving the page. Sharing of Website Contents via Social Media at min click
    - b. Social Media button to link over to Social media pages (always in new tab)
    - c. Displaying latest Social media posts/comments on the Website
  - xi. Controlled depth of information (maximum 4 levels): All contents should be accessible in less than 5 clicks.
  - xii. Video Streaming Facility: video contents should have feature of streaming.
  - xiii. The solution should support bulk upload or export/import of data.
  - xiv. Identify the training requirements and train the concerned Department staff/officers for successful implementation, updation and maintenance of the developed website. The Training shall include CMS, database and other related features.
  - xv. Preparation of User, Design & Technical manuals and other documents for the developed website in an easy to understandable and User-friendly language with proper Diagrams, Screen-shots and charts wherever required.

### **1.3. PRE-QUALIFICATION REQUIREMENTS**

- 1.3.1. Bidder shall qualify the following criterion
  - 1.3.1.1. Bidder shall be a registered company under the Indian Companies Act, 1956/ proprietary / partnership firm.
  - 1.3.1.2. The Bidder shall have a minimum annual turnover of at least Rs. 50 Lakhs in India, in each of last three financial years i.e. 2015-16, 2014-15 and 2013-14.
  - 1.3.1.3. Bidder shall have net profit after tax in each of the last three financial years i.e. 2015-16, 2014-15 and 2013-14.
  - 1.3.1.4. The Bidder shall have successfully executed similar works (as mentioned in clause 1.3.1.9), as per criterion given below, during the

last three (3) years reckoned from the last date of submission of bid:

- a. *One similar Work costing not less than Rs. 15 Lakhs.*
- or*
- b. *Two similar Works costing not less than Rs 10 Lakhs each.*
- or*
- c. *Three similar Works costing not less than Rs 7 Lakhs each.*

- 1.3.1.5. The Bidder shall presently have one similar work (*as mentioned in clause 1.3.1.9*) of annual value of at least 7 Lakh, under execution.
- 1.3.1.6. The Bidder shall have their software development centre in Delhi / NCR.
- 1.3.1.7. Bidder shall have a valid PAN and Service Tax Number.
- 1.3.1.8. The bidder shall have attained CMMI Level 3 or higher certifications as on date of submission of the bid.
- 1.3.1.9. Similar work(s) means Development of dynamic Web-Portal.
- 1.3.1.10. The Bidder has not been blacklisted by any of the Government Organization(s)/Public Sector Undertaking (s) (PSUs).
- 1.3.2. Bidder must comply with all the criteria as mentioned at clause 1.3.1. Non-compliance of any of the criteria shall result in rejection of the bid. Any hiding/ mis-representation of facts shall result in rejection of the bid and forfeiture of Bid Security.

#### **1.4. Training**

- 1. The Vendor shall provide training on all functional requirement of the portal for usage, portal administration, maintenance and content management.
- 2. The training will be of two types for
  - a. Administrator
  - b. Departmental User Training
- 3. The vendor will also provide the training to the new users as and when asked to do so for the entire period of the contract. Administrator and User Level Training will be required to be given by the Vendor from time to time.

## **2. PART-II: BID PREPARATION & SUBMISSION**

### **2.1 BIDDING PROCESS**

- 2.1.1. The Bidder shall submit the bid electronically, through the e-procurement portal (<http://eprocure.gov.in/eprocure/app>). **Any document submitted through any other means will not be considered as part of the Bid except for the Originals as asked for in this tender.**
- 2.1.2. This tender shall follow a two-stage Bidding process. The Bid shall be submitted in two parts namely Technical Bid and Financial Bid.
- 2.1.3. In the first stage, only Technical Bid will be opened online and evaluated.
- 2.1.4. The Bid shall be considered responsive provided it meets all the requirements under this tender document.

- 2.1.5. Under the second stage, the Financial Bid of only those Bidders, whose Technical Bids are found responsive, will be opened. Date of opening of Financial Bid would be notified separately.

## **2.2 INSTRUCTIONS FOR ONLINE BIDDING PROCESS**

- 2.2.1. The bidder is required to submit soft copies of its bid electronically on the CPP (*Central Public Procurement*) Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidder in registering on the CPP Portal, prepare its bid in accordance with the requirements and submitting its bid online on the CPP Portal.
- 2.2.2. More information useful for submitting online bid on the CPP Portal may be obtained at <http://eprocure.gov.in/eprocure/app>.

### **2.2.3. REGISTRATION**

- 2.2.3.1. Bidder is required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <http://eprocure.gov.in/eprocure/app>) by clicking on the link “Online bidder enrollment” on the CPP Portal which is free of charge.
- 2.2.3.2. As part of the enrollment process, the bidder will be required to choose a unique username and assign a password for their accounts.
- 2.2.3.3. Bidder is advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 2.2.3.4. Upon enrollment, the bidder will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- 2.2.3.5. Only one valid DSC (Digital Signature Certificate) should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.
- 2.2.3.6. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

### **2.2.4. SEARCHING FOR TENDER DOCUMENTS**

- 2.2.4.1. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- 2.2.4.2. Once the bidder has selected the tenders they are interested in, they may download the required documents / tender schedules. These

tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum/ addendum, if any, issued to the tender document.

- 2.2.4.3. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

#### **2.2.5. PREPARATION OF BIDS**

- 2.2.5.1. Bidder should take into account any corrigendum/ addendum published on the CPP Portal related to the tender document before submitting its bid.
- 2.2.5.2. Bidder is advised to go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these can lead to rejection of the bid.
- 2.2.5.3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 2.2.5.4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

#### **2.2.6. SUBMISSION OF BIDS**

- 2.2.6.1. Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2.2.6.2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 2.2.6.3. Bidder has to select the payment option as "offline" to pay the tender document fee / BID SECURITY as applicable and enter details of the instrument.
- 2.2.6.4. Bidder should prepare the Bid Security as per the instructions specified in the tender document. The original should be submitted as per date & time specified in the tender document, otherwise the uploaded bid will

be rejected.

- 2.2.6.5. Bidder is requested to note that they should necessarily submit its Financial Bid in the format provided and no other format is acceptable. If the Financial Bid has been given as a standard BoQ(*Bill of Quantity*) format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidder is required to download the BoQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 2.2.6.6. The server time (which is displayed on the bidder's dash board) will be considered as the standard time for referencing the date & time for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 2.2.6.7. All the documents being submitted by the bidder would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded bid documents become readable only after the tender opening by the authorized bid openers.
- 2.2.6.8. Upon the successful and timely submission of bid (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 2.2.6.9. The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

### **2.2.7. ASSISTANCE TO BIDDERS**

- 2.2.7.1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Nodal Officer of the Client for the tender or the relevant contact person indicated in the tender.
- 2.2.7.2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk 1800 3070 2232.

## **2.3 TENDER DOCUMENT**

- 2.3.1. The Bidder is expected to examine all instructions, forms, terms & conditions, prequalification and technical requirements in the tender

documents. Failure to furnish any information required in the bid shall be treated as non-responsive and may result in the rejection of the bid.

## **2.4 TENDER DOCUMENT FEE**

2.4.1. The tender document can be downloaded from the CPP Portal without any charges.

## **2.5 BID VALIDITY PERIOD**

2.5.1. The Bid shall remain valid for a period of at least **80 days** from the last date of submission of bid.

## **2.6 TECHNICAL BID**

2.6.1. The Technical Bid shall be complete in all respects and contain all information asked for in this document.

### **2.6.2. The Technical Bid shall comprise of the following:**

2.6.2.1. Scanned copy of the Bankers Cheque for Bid Security in compliance to clause 2.7.1 or the scanned copy of the documentary proof for waiver of the Bid Security in compliance to clause 2.7.2.

2.6.2.2. Signed & scanned copy of duly filled Bid Acceptance Letter as per *Annexure-I*.

2.6.2.3. Signed & scanned copy of duly filled Bidder Information as per *Annexure-II*.

2.6.2.4. Signed & scanned copy of duly filled Annexure-III.

2.6.2.5. Signed & scanned copy of Annexure-IV.

2.6.2.6. Signed & scanned copy of Documentary Evidence in compliance to Clause 1.3.1.1 of this tender document.

2.6.2.7. Signed & scanned copy of Audited balance sheets for the last three years as a proof of turnover and profit details in compliance to Clause 1.3.1.2 and 1.3.1.3 of this tender document. In case of Audited Balance sheet is not available, the auditor certificate shall be submitted.

2.6.2.8. Signed & scanned copy of Annexure-V.

2.6.2.9. Signed & scanned copy of Letter of Award/Work Order and completion certificate in compliance to Clause 1.3.1.4 of this tender document.

2.6.2.10. Signed & scanned copy of Annexure-VI.

2.6.2.11. Signed & scanned copy of Letter of Award/Work Order in compliance to Clause 1.3.1.5 of this tender document.

2.6.2.12. Signed & scanned copy of duly filled *Annexure-VII*.

2.6.2.13. Signed & scanned copy of PAN and Service Tax Registration.

2.6.2.14. Signed & scanned copy of the declaration regarding Black listing in compliance to Clause 1.3.1.10 of this tender document.

2.6.2.15. Signed & scanned copy of the Power of Attorney on Stamp Paper from the Bidder in respect of Authorized Signatory for the Bid.

2.6.3. Client reserves the right to verify the uploaded documents with original one.

2.6.4. The Bid Security/ Documentary Proof for waiver of the same shall be submitted, *in original*, by the Bidder by the date & time of Bid Opening, failing which the bid shall summarily be rejected.

## **2.7 BID SECURITY**

2.7.1. The Bidder shall deposit Bid Security of Rs. **75,000 (Rupees Seventy Five Thousand)** in the form of Bankers Cheque in favor of “NRPC Fund” payable at New Delhi from any Nationalised/Scheduled bank.

2.7.2. In case the Bidder claims for waiver of Bid Security, he shall provide relevant documents along with the copy of Govt. notifications/ Rules/ Guidelines/ Orders etc. to justify the claim.

2.7.3. The scanned copy of the Bid Security / Documentary Proof for waiver of the Bid Security, shall be uploaded at the time of Bid submission.

2.7.4. The original Bid Security/ Documentary Proof for waiver of the Bid Security shall be submitted to the Client by the date & time of Bid Opening, failing which the bid shall summarily be rejected.

2.7.5. The Bid Security not in conformity in all respect with the requirements as per clause 2.7.1 or 2.7.2, as applicable, the bid shall summarily be rejected.

2.7.6. No interest shall be payable on the Bid Security amount.

### **2.7.7. The Bid Security shall be forfeited if the bidder:**

2.7.7.1. Withdraws its bid during bid validity period.

2.7.7.2. hides/ mis-represents facts.

2.7.7.3. refuses to accept Letter of Award.

2.7.7.4. fails to sign the Contract within the stipulated time.

2.7.7.5. tampers/ modifies Price Bid Template in any manner.

2.7.7.6. found involved in any Corrupt, Collusive, Coercive or Fraudulent Practices.

2.7.8. The Bid Security of Bidders shall be returned as promptly as possible upon signing the Contract with the successful Bidder.

## **2.8 FINANCIAL BID**

2.8.1. The Financial Bid shall be complete in all respects and contain all information asked for in this document.

2.8.2. The Financial bid format is provided as BoQ\_XXXX.xls (as per *Annexure-VIII*) along with this tender document at <http://eprocure.gov.in/eprocure/app>. Bidder is advised to download this BoQ\_XXXX.xls as it is and quote their offer/rates in the permitted column and upload the same in the Financial Bid. Bidder shall not tamper/modify downloaded Financial Bid template in any manner. In case if the same is found to be tampered/modified in any manner, the corresponding bid will be completely rejected and Bid Security would be forfeited and the bidder is liable to be banned from doing business with the Client.

- 2.8.3. The amount quoted shall only be in Indian Rupees.
- 2.8.4. The quoted rate shall be exclusive of Taxes.
- 2.8.5. Rates shall be quoted for all the items mentioned at Annexure-VIII, failing which bid shall be rejected.

## **2.9 NO PRICE VARIATION**

- 2.9.1. The Price quoted by the Bidder shall be firm. Any subsequent revision in the quoted price shall not be entertained.

## **2.10 AMENDMENT OF TENDER DOCUMENT BY CLIENT**

- 2.10.1. At any time prior to the last date & time of submission of the bids, the Client may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the tender document by way of Amendments/Addendum/Corrigendum, if any, which shall be notified through CPP Portal.
- 2.10.2. Prospective Bidders are advised to visit CPP Portal <http://eprocure.gov.in/eprocure/app> and NRPC website <http://www.nrpc.gov.in> for any corrigendum / addendum / amendment.
- 2.10.3. In order to provide prospective Bidders reasonable time to take the amendment into account for preparing their bids, the Client may, at its discretion, extend the last date & time of the submission of bids.

## **2.11 MODIFICATION OF BIDS BY BIDDERS**

- 2.11.1. A Bidder may modify its bid on the CPP Portal (<http://eprocure.gov.in/eprocure/app>) till the deadline of the submission of Bid.
- 2.11.2. Modification of the Bid sent through any other means shall not be considered by the Client.

## **2.12 LATE BIDS**

- 2.12.1. The e-Procurement system will not allow submission of bid after deadline as per server system.

## **3. PART-III: BID OPENING & EVALUATION**

### **3.1 OPENING OF BIDS**

- 3.1.1. The Client shall open the bids as per electronic bid opening procedures specified in Central Public Procurement Portal (CPPP) at the date and time specified. Bidders can also view the bid opening by logging on to the e-procurement system. Specific bid opening procedures are laid down at <http://eprocure.gov.in/eprocure/app> under the head "Bidders Manual Kit". The bidder will be at liberty to be present either in person or through an authorized representative at the time of opening of the Bid or they can

view the bid opening event online at their remote end. Price Bids of only those Bidders shall be opened whose Technical Bid are found to be responsive.

- 3.1.2. The Client will open the bids in the presence of Bidders' representative who choose to attend at the time, date and venue as mentioned in NIT.
- 3.1.3. No representative will be allowed to attend the Bid Opening without the valid Bid acknowledgement slip received after submission of Bids.
- 3.1.4. In the event of the specified date of bid opening being declared a holiday for Client, the bids shall be opened at the specified time and place on the next working day.

### **3.2 PRELIMINARY EXAMINATION OF TECHNICAL BID**

- 3.2.1. The Client will examine the bids to determine their completeness in all respect as per the requirements of this tender document.
- 3.2.2. The Client may waive any minor informality or non-conformity or irregularity in a bid, which does not constitute a material deviation, provided such waiver does not prejudice to affect the relative ranking of any bidder.

### **3.3 EVALUATION OF TECHNICAL BID**

- 3.3.1. The Client shall evaluate the Technical Bid based on the documents submitted by the Bidder.
- 3.3.2. Client reserves the right to reject the bid under any of the following circumstances:
  - 3.3.2.1. Bid is incomplete and/or not accompanied by all required documents.
  - 3.3.2.2. Bid is not in conformity with the terms and conditions of tender document.

### **3.4 EVALUATION OF FINANCIAL BID**

- 3.4.1. Financial Bid of only those bidders, whose Technical Bids are found responsive, shall be opened and evaluated.
- 3.4.2. Evaluation shall be done based on the total amount quoted by the Bidder as per *Annexure-VIII*.
- 3.4.3. The Evaluated Amount shall be Total Amount quoted by the bidder, worked out after considering discrepancies, if any, as per *Annexure-VIII*.
- 3.4.4. Ranking of the Bidders shall be based on the Evaluated Amount.
- 3.4.5. In case of tie in the Evaluated Amount, the Client reserves the right to decide the ranking of the Financial Bid based on the result of draw.

## **4 PART-IV: AWARD OF CONTRACT**

### **4.1 LOWEST SUCCESSFUL BIDDER**

- 4.1.1. On completion of evaluation process of Financial Bid, the Bidder whose Evaluated Amount is found to be the lowest would be declared as the Lowest (L-1) bidder.

### **4.2 LETTER OF AWARD (LoA)**

- 4.2.1. The L-1 bidder will be considered for issuing of Letter of Award (LoA).

4.2.2. The acceptance of the LoA shall be submitted within 7 (Seven) working days from issue of LoA, failing which the Client reserves the right to cancel the LoA.

### **4.3 PERFORMANCE SECURITY**

4.3.1. A Performance Security in form of bank guarantee from any Nationalized / Scheduled Bank (as per *Annexure-IX*) of a value equal to 10% of the total Awarded Value as indicated in the Letter of Award shall be deposited by the bidder within **15 (Fifteen) working days** from issue of Letter of Award.

4.3.2. The Performance Security shall be valid for a period of 3 months beyond the expiry of the contract.

4.3.3. Validity of Performance Security shall be extended to cover the extended term of contract, if any, as per Clause 5.1.2 of the tender document.

### **4.4 SIGNING OF CONTRACT**

4.4.1. The successful bidder shall be required to enter into a contract as per *Annexure-X* with Client within **15 (Fifteen) working days** from issue of the Letter of Award, on submission of the Performance Security as mentioned in clause 4.3.

### **4.5 SUB-CONTRACTING**

4.5.1. The Contractor shall not assign, in whole or in part, its obligations to perform under the contract, to other firm except with the Client's prior written consent.

## **5 PART-V: EXECUTION OF WORK& PAYMENT**

### **5.1 PERIOD OF CONTRACT**

5.1.1. All the works under the scope as mentioned at clause 1.1 of the tender document shall be completed within six month from the date of signing of the contract. The defect liability period of six month shall start after handing over the web-portal and AMC of one year shall start thereafter.

5.1.2. Period of the AMC may be extended further based on the mutual consent and the performance of the Contractor without any change in rates and Terms & Conditions of the contract.

### **5.2 LOCATIONS TO BE COVERED**

5.2.1. The contractor has to provide service in Client Locations.

### **5.3 PAYMENT TERMS**

5.3.1. No advance payment shall be made against Letter of Award.

5.3.2. 40% of the amount quoted for item 1 of Annexure-VIII plus applicable taxes shall be paid after completion of the works as per clause 1.1.1 to 1.1.5. Next 40% of the amount quoted for item 1 of Annexure-VIII plus applicable taxes shall be paid after completion of all the works as per clause 1.1 and handing over the web-portal. Balance 20 % along with the applicable taxes shall be paid after satisfactory completion of defect liability period.

- 5.3.3. Payment for AMC charges quoted under item 2 of Annexure-VIII shall be made pro-rata on quarterly basis at the end of each quarter after submission of bills.
- 5.3.4. The Contractor shall submit pre-receipted bills in triplicate after completion of milestones as mentioned above. The payment for the same shall be subject to recoveries, if any, in accordance with provisions in Part-VII of this tender document.

## **6 PART-VI: GENERAL CONDITIONS OF CONTRACT**

### **6.1 DEFINITIONS**

- 6.1.1. "Client" means Member Secretary, Northern Regional Power Committee, New Delhi.
- 6.1.2. "Client Locations" means offices of the Client at NRPC Complex, 18A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 16.
- 6.1.3. The "Contract" means the agreement entered into between the Client and the Contractor as recorded in the Contract Form signed by the Client and the Contractor, including all attachments and annexure thereto and all documents incorporated by reference therein.
- 6.1.4. The "Contractor" or "Vendor" means the Bidder selected through tendering process and shall be deemed to include the Contractor's successors, representatives (approved by the Client), heirs, executors, administrators and permitted assigns, as the case may be, unless excluded by the terms of the contract.
- 6.1.5. "Awarded Value" means the amount mentioned in Letter of Award.
- 6.1.6. "Service" means services to be provided by the Contractor as per the requirements specified in this tender document and any other incidental services and other such obligations of the Contractor covered under the Contract.
- 6.1.7. "Officer in-charge" means an Officer designated by the Client, assigned the work of monitoring the execution of the contract.
- 6.1.8. "Nodal Officer" means the Officer designated by the Client, coordinating the activities related to e-procurement for this tender.
- 6.1.9. "Quarter" means three months period.
- 6.1.10. "Deadline" means the last date & time.
- 6.1.11. "Corrupt Practice" means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the bidding process or in contract execution.
- 6.1.12. "Fraudulent Practice" means a misrepresentation or omission of facts in order to influence a bidding process or the execution of a contract to the detriment of the Client, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Client of the benefits of free and open competition.
- 6.1.13. "Collusive Practice" means a scheme or arrangement between two or more

Bidders, with or without the knowledge of the Client, designed to establish bid price at artificial, non-competitive levels.

6.1.14. "Coercive Practice" means harming or threatening to harm, directly or indirectly, person or their property to influence their participation in the tendering process or affect the execution of a contract.

6.1.15. "Undesirable Practice" means establishing contact with any person connected with or employed by the Authority with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the bidding process.

6.1.16. "Restrictive Practice" means forming a cartel or arriving at any understanding or arrangement among Bidders with the objective of restricting or manipulating a full and fair competition in the bidding process.

## **6.2 APPLICATION**

6.2.1. These General Conditions shall compliment to the provisions in other parts of this tender document.

## **6.3 COST OF BIDDING**

6.3.1. The Bidder shall bear all the costs associated with the preparation and submission of its bid. The Client, will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the tender process.

## **6.4 GOVERNING LANGUAGE**

6.4.1. The Bid, as well as all correspondences and documents relating to the bid exchanged by the Bidder and the Client, shall be in English language only. Supporting documents and printed literature, if not in English language, that are part of the tender document shall be accompanied with a self-certified copy of English translation of the same.

## **6.5 CLARIFICATIONS OF BIDS**

6.5.1. To assist in the examination, evaluation and comparison of bids the Client may, at its discretion, ask the bidder for clarification and response shall be in writing through e-mail or fax. Response/clarification shall be submitted by authorized signatory only. In case the bidder fails to submit the desired information/clarification sought by the Client within stipulated time, further evaluation of the bid will be carried out based on the already documents submitted by the Bidder.

## **6.6 CONTACTING THE CLIENT**

6.6.1. Any clarification / query related to the tender document may be addressed to Executive Engineer (Commercial), NRPC in writing through e-mail or fax as per the details given under Special Conditions of Contract (Part-VII of this tender document) by 08<sup>th</sup> May, 2017 at 1100 Hrs. The clarification may also be sought in the pre-bid conference to be held on 08<sup>th</sup> April, 2017 at 1600 Hrs. at client location.

6.6.2. Bidders can visit the site and acquaint themselves with the client locations, site condition, software modules and other factors, which would have any effect on the performance of the contract and/or the cost on any working day on or before 08<sup>th</sup> May, 2017 in the office between 11 AM to 4

PM after prior intimation and confirmation from the office of Executive Engineer (Commercial), Telephone No. 011-26868681/26967842. Any claim by the Bidder regarding software module, site condition, location, etc. shall not be entertained after submission of the Bid.

- 6.6.3. Any effort by bidder to influence the Client in the Client's bid evaluation, bid comparison or contract award decision may result in the rejection of the Bidders' bid.

## **6.7 CLIENT'S RIGHT TO ACCEPT OR REJECT ANY BID OR ALL BIDS**

- 6.7.1. The Client reserves the right to accept or reject any bid and/or annul the bidding process and/or reject all bids, without assigning any reason thereof, at any time prior to award of contract and without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the ground for the Client's action.

## **6.8 CHANGE IN SCOPE OF WORK**

- 6.8.1. The Client reserves the right to change the scope of work subject to consent of the Contractor.
- 6.8.2. For any such changes, amendment to the contract shall be issued by the client. The contractor shall send the acceptance letter within 15 days of issue of amendment.

## **6.9 AMENDMENT OF CONTRACT**

- 6.9.1. No variation or modification of the terms of the Contract shall be made except by written amendment signed by both the parties i.e. the Contractor and the Client.

## **6.10 TAXES**

- 6.10.1. The Contractor shall be entirely responsible for all taxes and duties as per Government norms.
- 6.10.2. Client may deduct any taxes, duties and any other statutory levies imposed by the Government on such charges as may arise from the implementation of the contract agreement.

## **6.11 USE OF CONTRACT DOCUMENTS AND INFORMATION**

- 6.11.1. The Contractor shall not, without the Client's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Client in connection therewith, to any person other than a person employed by the Contractor in the Performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far, as may be necessary for purposes of such performance.
- 6.11.2. The Contractor shall not, without the Client's prior written consent, make use of any document or information provided by Client in tender document or otherwise except for purposes of performing contract, if any.
- 6.11.3. Any document, other than the Contract itself, shall remain the property of the Client and shall be returned (in all copies) to the Client on

completion of the Contractor's performance under the Contract, if so required by the Client.

#### **6.12 TERMINATION OF CONTRACT**

- 6.12.1. The Client, without prejudice to any other remedy for breach of Contract, by giving 15 days written notice to the Contractor, may terminate this Contract in whole or in part, if the Contractor fails to perform any obligation(s) under the Contract.
- 6.12.2. The Client may at any time terminate the Contract by giving 15 days written notice to the Contractor, if the Contractor becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Contractor, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to the Client.
- 6.12.3. No payment by the Client shall be made for the remaining period of Contract from the date of the termination of the contract.
- 6.12.4. In the event of the termination of this Contract for any reason, or in the event the Contractor is discharged of its obligations as per provisions of this Contract, all the amounts outstanding towards balance period under this Contract shall be payable by either party as due.
- 6.12.5. In case of the Termination of the Contract, the Performance Security submitted by the Contractor may be encashed by the Client.
- 6.12.6. The client reserves the right to terminate the contract due to any failure on the part of the vendor in discharging his obligations under the contract. The decision of the client about the failure on the part of the Contractor shall be final and binding on the Contractor. In the event of any failure on the part of the Contractor, client shall have the right without any prejudice to get the work done through any other alternate agency at the risk and cost of vendor. The additional cost including loss, if any, incurred by client will be recovered from the vendor.

#### **6.13 FORCE MAJEURE**

- 6.13.1. Notwithstanding the above provisions, the Contractor shall not be liable for penalty or termination for contract if and to the extent that the delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For purposes of this clause, "Force Majeure" means an event beyond the control of the Contractor and not involving the Contractor's fault or negligence and not foreseeable. Such events may include, but are not restricted to the following:
  - a. war (whether declared or not), hostilities, invasion, acts of foreign enemies, rebellion, revolution, insurrection of military or usurped power, or civil war;
  - b. act of any political or religious incidence;
  - c. acts of terrorism; or
  - d. riots, civil commotion or disorder, industry wide strike.
- 6.13.2. If a Force Majeure situation arises, the Contractor shall promptly notify the Client in writing of such condition and the cause thereof. Unless

otherwise directed by the Client in writing, the Contractor shall continue to perform its obligations under the Contract.

#### **6.14 GOVERNING LAW AND DISPUTES**

6.14.1. The Client and the Contractor shall make every effort to resolve amicably by direct informal negotiations, any disagreement or disputes, arising between them under or in connection with the Contract.

6.14.2. In case of any dispute relating to this contract which may arise during or after the execution of the contract, the case shall be referred to the arbitrator appointed by the Chairperson, NRPC whose decisions shall be final and binding on both the parties. The proceedings of the arbitration shall be carried out in New Delhi only.

#### **6.15 STANDARDS OF PERFORMANCE**

6.15.1. The Contractor shall perform the Services and carry out its obligations under the Contract with due diligence, efficiency and economy, in accordance with generally accepted techniques and practices used in the industry and with professional engineering and consulting standards recognized by international professional bodies and shall observe sound management, engineering practices. It shall employ prudent technical and engineering practices. It shall employ advanced technology and safe and effective equipment, machinery, material and methods. The Contractor shall always act, in respect of any matter relating to this Contract, as faithful advisors to the Client and shall, at all times, support and safeguard the Client's legitimate interests in any dealings with Third Parties.

#### **6.16 CORRUPT AND FRAUDULENT PRACTICES**

6.16.1. The Client requires that Bidders/Contractor observe(s) the highest standard of ethics during the bidding process and during the execution of the Contract. In terms hereof, the Client:

6.16.1.1. shall reject the Bid of a Bidder including the Selected Bidder if he determines that the Bidder has engaged in corrupt or fraudulent or collusive or coercive, or undesirable or restrictive practices in competing for the award of Work in question.

6.16.1.2. shall declare a Bidder ineligible, either indefinitely or for a stated period of time, from participation in any tender or bidding process or for award of a contract/contracts or continuing with it after award if it, at any time, determines that the Bidder has engaged in "corrupt or "fraudulent" or "collusive" or "coercive" or undesirable or restrictive practices in competing for, or in participating the bidding process or in executing, the Contract.

#### **6.17 DATA AND CYBER SECURITY**

6.17.1. The data security must be ensured during the period of contract. In case of any loss of data, suitable action may be taken under the law against the contractor including termination of the contract and forfeiture of the Performance Bank Guarantee.

6.17.2. The data/ information stored in the Server, Desktop and Laptop Computers, shall not be taken outside Client premises in any form. If

any of the contractor's personnel deployed at the Client location is found carrying data outside Client premises then appropriate action under the law shall be taken against him for which contractor shall be responsible.

- 6.17.3. The contractor shall not use any equipment which endangers the cyber security of the Client. If any of the contractor's personnel deployed in the Client is found to be engaged in any activity which causes cyber security threat to the Client, then suitable action shall be taken against the Contractor under the law.

### **6.18 RIGHT TO WORK PRODUCT**

- 6.18.1. All error corrections, enhancements and any other work product created by the Contractor in connection with the services provided under this contract shall remain the exclusive property of the NRPC.

### **6.19 OTHER TERMS AND CONDITIONS**

- 6.19.1. The Contractor shall make arrangement of the requisite documentation / maintenance of records etc. as required for processing the quarterly payment during the period of the Contract, which may be required by him for carrying out the maintenance. He shall submit a copy of the document/maintenance records to the Client, as and when required for reference.
- 6.19.2. The Contractor shall employ all the personnel to the satisfaction of the Client. Any such person(s), not acceptable to the Client, shall immediately be replaced.
- 6.19.3. The Client shall not, in any way, be liable to make any payment, incur any expenditure or liable to any lawsuit in any court of law for any injury or death suffered by the Contractor's staff during the Contract.
- 6.19.4. The client reserves the right to cancel the contract in case of breach of security regulations required to be observed by the Contractor. Any special precautions required to be taken by the Contractor shall be made known to him by the client as and when such necessity arises.

## **7 PART-VII: SPECIAL CONDITIONS OF CONTRACT**

### **7.1 DETAILS OF WORKS UNDER THE CONTRACT:**

- 7.1.1. The bidder shall be responsible to undertake the work of development and Annual Maintenance Contract (AMC) of Web-portal, to the satisfaction of Client.
- 7.1.2. Source code is the property of NRPC. NRPC is having full rights on it. The firm has to provide the Source code in Electronic media (CD/DVD/Pen Drive etc.) on after every revision of the software.

### **7.2 EXECUTION OF THE CONTRACT**

- 7.2.1. **Posting of Resident Engineer (RE):** At least one full time Resident Engineer shall be deputed at client location during the AMC. Resident

Engineer shall possess the minimum qualification of B.Tech/MCA. The RE shall have at least three years of experience on the following:

- a. ASP.NET (C#)
- b. PHP
- c. jQuery
- d. JavaScript
- e. iTextSharp
- f. HighCharts
- g. MS SQL Server2008
- h. MySQL

- 7.2.2. Normal working hours of office are 09:30 AM to 06:00 PM, but the RE can be retained after working hours in case of contingency and in special circumstances, without extra cost to the Client. RE may be required to provide such services on holidays also, without any limit on number or days, without any extra cost to the Client.
- 7.2.3. The contractor shall take care of all mandatory provisions in the relevant rules/acts, etc., while making payment of salary to its deployed employee(s) and the Client shall not be responsible for violation of any statutory provision under any circumstances.
- 7.2.4. In case of any mishap sustained by employee(s) of Contractor of whatsoever nature, the Client shall not be responsible. The responsibility of any kind including, granting compensation, if any, on this count shall be that of the Contractor.
- 7.2.5. The client reserves the right to verify the credential of the RE as per terms & conditions of this tender document. In case, the RE does not meet the eligibility criteria, the client may direct the contractor to replace him/her. The contractor shall comply the directions immediately. In case the contractor fails to depute the suitable substitute within the stipulated time, penalty shall be imposed in accordance with clause 7.3 of this tender document.

### **7.3 PENALTY FOR DEFAULT IN SERVICE**

- 7.3.1. In case of failure to complete the work under the scope as mentioned in clause 1.1 within stipulated time penalty of Rs. 5000/- per week shall be imposed.
- 7.3.2. During the AMC, errors/bugs reported, shall be resolved within 24 hours of reporting. In case of non-resolution of error/bug within stipulated time, penalty of Rs. 1500/- per day shall be imposed.
- 7.3.3. During the AMC, if the deputed RE is absent or the deputed RE is to be changed by the contractor on its own or on the direction by the client, a suitable substitute shall immediately be provided, failing which a penalty of Rs.1000/- per day for the period of absence shall be recovered from the contractor.
- 7.3.4. Time frame for any addition/changes, if any, shall be as per direction by the Officer in-charge of the client. Non-completion of the work in stipulated time shall be considered as breach of contract which may lead to termination of the contract.

- 7.3.5. The penalty amount shall be recovered from contractor from the amount payable to the contractor or from security deposit.
- 7.3.6. The client reserves the right to waive off the penalty.
- 7.3.7. Any financial impact on account of data loss if any, would be recovered from the contractor.

**7.4 CLIENT'S ADDRESS:**

**Executive Engineer (Commercial),**  
Northern Regional Power Committee ,  
18A, SaheedJeet Singh Marg, Katwaria Sarai,  
New Delhi – 110016.  
Phone: 011-26868681/26967842  
FAX: 011-26865206  
Email: [sec-nrpc@nic.in](mailto:sec-nrpc@nic.in)

## 8 **PART-VIII: ANNEXURES**

### **ANNEXURE-I: BID ACCEPTANCE LETTER**

(To be given on Company Letter Head)

Date:

To,  
Executive Engineer (Commercial)  
Northern Regional Power Committee  
18A, Shaheed Jeet Singh Marg,  
Katwaria Sarai, New Delhi-110016

Sub: **Acceptance of Terms & Conditions of the Tender Document**  
(Tender Name & Reference No)

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender' from the web site(s) namely:  
\_\_\_\_\_ as per your advertisement, given in the above mentioned website(s).
2. I / We hereby certify that I / we have read the entire terms and conditions of the tender document(s) from Page No. \_\_\_\_\_ to \_\_\_\_\_ (including all documents like annexure(s), etc.), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) / Addendum (s) issued from time to time by your department/ organization too has also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the conditions of above mentioned tender document(s) / corrigendum(s)/Addendum (s) in its totality / entirety.
5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.
6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said Bid Security deposit absolutely.

Yours Faithfully,

(Signature & Seal of the Bidder)

**ANNEXURE-II: BIDDER INFORMATION**

1. Name of the Bidder		
2. Full Address & Contact Details of the Bidder		
3. Name of the Authorized Signatory for this Bid		
4. Bidder's proposal number and date		
5. Name & address of the person to whom all references shall be made regarding this tender:		
(a) Telephone		
(b) Fax No.		
(c) E-mail		
(d) Mobile		
<b>Bidder</b>		
Signature of the Authorized Signatory		
Name:		
Designation:		
Date:		
Company Seal:		
<b>WITNESSES</b>		
	<b>Witness 1</b>	<b>Witness 2</b>
Signature:		
Name:		
Address:		
Date:		

**ANNEXURE-III: SCHEDULE OF DEVIATIONS**

**(Please note that Client will not evaluate any deviation mentioned elsewhere in the bid except as mentioned hereunder)**

We have carefully gone through the tender document and hereby confirm that all the clauses of this tender document are agreed by us expect for the following deviations:

<b>Sr. No.</b>	<b>Clause No. / Page No.</b>	<b>Tender Requirement</b>	<b>Deviation</b>
1.			
2.			
3.			
4.			
5.			
6.			

(If left blank it shall be construed that there is no deviation from the Terms & Conditions of the tender document)

(Signature & Seal of the Bidder)

**ANNEXURE-IV: DETAILS OF WORK EXPERIENCE, TURNOVER AND PROFIT**

Financial Details (As per Clause 1.3.1.2 and 1.3.1.3)

<b>Pre-Qualification Condition</b>	<b>Financial Year</b>	<b>Value (Rs. In Lacs)</b>
Annual turnover from operations in India	2013-14	
	2014-15	
	2015-16	
Net Profit after tax	2013-14	
	2014-15	
	2015-16	

(Signature & Seal of the Bidder)

**ANNEXURE-V: DETAILS OF SIMILAR WORKS SUCESSFULLY EXECUTED  
IN LAST THREE YEARS**

**(As per Clause 1.3.1.4)**

Sl. No.	Name of Organisation (s)	Contract Period		Value of Contract (in Lakh Rs.)	Contact details of the Client (s)
		From	To		

Note: Upload the signed & scanned copies of the Work Order / Letter of Award and completion certificate in support of the above, failing which the annexure shall be considered as incomplete.

(Signature & Seal of the Bidder)

**ANNEXURE-VI: DETAILS OF SIMILAR WORKS PRESENTLY UNDER EXECUTION**

**(As per Clause 1.3.1.5)**

Sl. No.	Name of Organisation (s)	Start Date	Period of Contract	Value of Contract (in Lakh Rs.)	Contact details of the organization (s)

Note: Upload the signed & scanned copies of the Work Order / Letter of Award in support of the above, failing which the annexure shall be considered as incomplete.

(Signature & Seal of the Bidder)

**ANNEXURE-VII: DETAILS OF DEVELOPMENT CENTRE IN DELHI/NCR**

Sl No.	Location	No. of Engr./ Tech. staff in the Centre	Telephone No. /Fax Number of development centre

Signature & Seal of the Bidder

**ANNEXURE-VIII: BILL OF QUANTITY (BoQ)**

<b>Sl. No.</b>	<b>Item Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Rate exclusive of taxes (in Rs.)</b>	<b>Amount (in figures; in Rs.)</b>	<b>Amount (in Words)</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
1.	To carry out development and other activities as per details at Clause 1.1 (excluding AMC) of this tender document	1	No.			
2.	AMC of the new web-portal for one year	1	No.			
Total Amount in Figures ( in Rs.)						
Total Amount in Words						

8.8.1. The above mentioned Price bid format is provided as BoQ\_XXXX.xls along with this tender document at <http://eprocure.gov.in/eprocure/app>. Bidders are advised to download this BoQ\_XXXX.xls as it is and quote their offer/rates in the permitted column and upload the same in the Financial Bid. **Bidder shall not tamper/modify downloaded price bid template in any manner.** In case if the same is found to be tempered/modified in any manner, tender will be completely rejected and Bid Security would be forfeited and bidder is liable to be banned from doing business with the Client.

8.8.2. The rates shall be quoted shall be in Indian Rupee only.

8.8.3. In case of any discrepancy in the **“Amount in Figures”** and **“Amount in Words”**, the **“Amount in Words”** shall be considered for evaluation.

8.8.4. The evaluation shall be based on the **“Total Amount in Words”**.

8.8.5. The quoted rates shall remain firm.

8.8.6. The Evaluated Amount for the Bid shall be the amount worked out after considering discrepancies, if any.

8.8.7. Rates shall be quoted for all the items, failing which bid shall be rejected.

**ANNEXURE-IX: FORMAT OF PERFORMANCE SECURITY**

To,  
Executive Engineer (Commercial)  
Northern Regional Power Committee  
18A, ShaheedJeet Singh Marg,  
Katwaria Sarai, New Delhi-110016

Ref: \_\_\_\_\_ Date \_\_\_\_\_

Bank Guarantee No. \_\_\_\_\_

To

1. Against contract Acceptance of the Tender No: \_\_\_\_\_ covering \_\_\_\_\_ (hereinafter called the said 'contract') entered into between the President of India acting through the Member Secretary, NRPC, New Delhi - 110016 or his authorized representative (hereinafter called the Client) and \_\_\_\_\_ (hereinafter called the Contractor) this is to certify that at the request of the Contractor we \_\_\_\_\_ Bank Ltd., are holding in trust in favour of the Client, the amount of \_\_\_\_\_ (write the sum here in words) to indemnify and keep indemnified the Client against any loss or damage that may be caused to or suffered by the Client by reason of any breach by the Contractor of any of the terms and conditions of the said contract and/or in the performance thereof. We agree that the decision of the Client, whether any breach of any of the terms and conditions of the said contract and/or in the performance thereof has been committed by the Contractor and the amount of loss or damage that has been caused or suffered by the Client, shall be final and binding on us and the amount of the said loss or damage shall be paid by us forthwith on demand and without demur to the Client.

2. We \_\_\_\_\_ Bank Ltd, further agree that the guarantee herein contained shall remain in full force and shall be effective till \_\_\_\_\_ hereinafter called the said date and that if any claim accrues or arises against us \_\_\_\_\_ Bank Ltd, by virtue of this guarantee before the said date, the same shall be enforceable against us \_\_\_\_\_ Bank Ltd. Payment under this letter of guarantee shall be made promptly upon our receipt of notice to that effect from the Client.

3. It is fully understood that this guarantee is effective from the date of the said contract and that we \_\_\_\_\_ Bank Ltd, undertake not to revoke this guarantee during its currency without the consent in writing of the Client.

4. We undertake to pay to the Client any money so demanded notwithstanding any dispute or disputes raised by the Contractor in any suit or proceeding pending before any court or Tribunal relating thereto, our

liability under this present bond being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.

5. We \_\_\_\_\_ Bank Ltd, further agree that the Client shall have the fullest liberty, without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said contract or to extend time of performance by the Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Client against the said Contractor and to forbear or enforce any of the terms and conditions relating to he said contract and we, \_\_\_\_\_ Bank Ltd., shall not be released from our liability under this guarantee by reason of any such variation or extension being granted to the said Contractor or for any forbearance by the Client to the said Contractor or for any forbearance or omission on the part of the Client or any other matter or thing whatsoever, which under the law relating to sureties, would, but for this provision, have the effect of so releasing us from our liability under this guarantee.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.

Place \_\_\_\_\_  
\_\_\_\_\_

Signature

Witness \_\_\_\_\_  
Printed name \_\_\_\_\_  
(Bank's common seal)

Date \_\_\_\_\_

## **ANNEXURE-X: CONTRACT AGREEMENT FORMAT**

*[The successful Bidder shall fill in this form in accordance with the instructions indicated]*

THIS AGREEMENT made

the [ insert: **number** ] day of [ insert: **month** ], [ insert: **year** ].

BETWEEN

- (1) [ insert complete name of Client ], a [ insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of { insert name of Country of Client }, or corporation incorporated under the laws of { insert name of Country of Client } ] and having its principal place of business at [ insert address of Client ] (hereinafter called “the Client”), of the one part, and
- (2) [ insert name of Contractor], a corporation incorporated under the laws of [ insert: country of Contractor] and having its principal place of business at [ insert: address of Contractor ] (hereinafter called “the Contractor”), of the other part :

WHEREAS the Client is desirous of entrusting to the Contractor for Development of web-portal in Northern Regional Power Committee (NRPC), New Delhi and whereas the Contractor has agreed to provide such services for the sum \_\_\_\_\_ of ₹ \_\_\_\_\_ (Rupees \_\_\_\_\_ only)(hereinafter called “the Contract Amount”) exclusive of Service Tax and Work Contract Tax for a period of two years from \_\_\_\_\_ to \_\_\_\_\_ (both days inclusive).

The Client and the Contractor agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other contract documents.
  - (a) the tender document
  - (b) the Client’s Letter of Award
  - (c) the uploaded bid by the Bidder on the CPP portal.
  - (d) the Addenda / Corrigenda Nos. \_\_\_\_\_ (if any)
  - (e) Special Conditions of Contract
  - (f) General Conditions of Contract
  - (g) the completed Annexures (including Financial Bid(BoQ))
  - (h) any other document listed in General Conditions of Contract and Special Conditions of Contract forming part of the Contract

3. In consideration of the payments to be made by the Client to the Contractor as specified in this Agreement, the Contractor hereby covenants with the Client to provide the services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Client hereby covenants to pay the Contractor in consideration of the provision of the services and the remedying of defects therein, the Contract Amount or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of *[insert the name of the Contract governing law country]* on the day, month and year indicated above.

For and on behalf of the Client

Signed: *[insert signature]*  
in the capacity of *[ insert title or other appropriate designation ]*  
in the presence of *[insert identification of official witness]*

For and on behalf of the Contractor

Signed: *[insert signature of authorized representative(s) of the Contractor]*  
in the capacity of *[ insert title or other appropriate designation ]*  
in the presence of *[ insert identification of official witness]*

## **ANNEXURE-XI: BROAD DETAILS OF CLASSIFIED INFORMATION**

### **A. Data Requirement by Generating companies:**

- Declared Capacity (15-minute block wise)
- Injection Schedule (15-minute block wise)
- Actual Injection (15-minute block wise)
- Frequency (15-minute block wise)
- Deviation Charges, Additional Deviation Charges and Capped Deviation Charges (15-minute block wise)
- Plant Availability Factor (Monthly and Cumulative)
- Entitlement of beneficiaries (Monthly and Cumulative)
- Plant Load Factor (monthly and cumulative)
- Details of Incentive Energy
- Details of URS energy
- Details of Up/Down Schedule as per ancillary services regulations

### **B. Data requirement by states:**

- Drawal Schedule Ex-bus (15-minute block wise)
- Drawal Schedule at State Periphery(15-minute block wise)
- Energy exchange through bilateral transaction/trader(15-minute block wise)
- Energy exchange through collective transactions(15-minute block wise)
- Frequency (15-minute block wise)
- Deviation Charges, Additional Deviation Charges and Capped Deviation Charges (15-minute block wise)
- Reactive energy account (Daily data)

### **C. Data Requirement by other Stake holders:**

- Inter-State Transmission availability Certification
- Open cycle generation certification
- Protection system database
- Other Data base , Reports etc.

**Note: Above details of classified information are as per existing Requirements by different stakeholders. However, this may change as per direction of Engineer in Charge.**

## **ANNEXURE-XII: DETAILS OF DATA REQUIREMENT AND REPORTS**

### **A. Generation Outage Planning**

- a) Master data to be created for all generating machines of Northern Region.
- b) Generating company will request for shutdown for its machines providing reasons. Time line will be set for indenting the request. Further, request ID have to be generated for each request.
- c) Based on the control area of the generator, the request would be routed to SLDC/RLDC.
- d) The control center/beneficiaries of the generating station may mark their comments.
- e) The requests would be discussed in Operation Coordination sub-Committee and the decision will be uploaded in the application. Approval ID to be generated.
- f) The information will also be made available on portal after approval by OCC
- g) The information of actual shutdown also to be maintained.
- h) Reports need to be generated from the data base.

### **B. Daily (hourly basis)/Monthly Regional Power Supply Position (Provisional and Final),**

- a) Daily (hourly basis) power supply data need to be uploaded by states in excel format.
- b) Separate format to be developed for taking data from states for monthly provisional (Format-28) and Final (Format-29) power supply position.
- c) If data not received from states, provision should be made for taking data from RLDC website.
- d) The module should interact with ABT software for some reports.
- e) Several reports need to be prepared.

### **C. NCR Power Supply Position**

- a) States having their designated cities under NCR area, are required to submit information in specified format.
- b) Monthly report for NCR power supply position to be generated.

### **D. Power cuts on industries/Agriculture**

- a) The information to be collected from states in specified formats through portal and monthly/yearly reports to be generated.

### **E. Variable charges of generating stations**

- a) All generating stations (Central, state, others) need to inform the details of variable charges on monthly basis. Data to be collected and generate reports.

### **F. Details of transmission line wise insulator cleaning/replacement in a specified format.**

- a) Data to be collected from transmission utilities on monthly basis.

### **G. Allocation of Power from Central Generating Stations**

- a) This module is aimed to prepare detail allocation order from central sector generating stations.
- b) Data of central generating stations to be maintained.
- c) Firm allocation, Special allocations, allocation from UA pool to be maintained separately.
- d) Develop reports and data in different formats.

### **H. Open Cycle Certification**

- a) This module is aimed to certify open cycle generation from gas turbine stations of central sector.
- b) Different rules are to be defined.
- c) Should accept data in excel format on line.
- d) After calculation, should generate reports in different formats and periods.

### **I. Load Generation Balance Report (LGBR):**

The LGBR is prepared for anticipating power supply position in next year. It will have various sub-modules like:

- a) Demand projection
- b) Maintenance Schedule
- c) Matching of generation targets set by MoP
- d) Setting auxiliary consumption and forced outage figures
- e) Allocation and agreements by states
- f) Calculating availability of power from various generating stations (state-wise, month-wise, regional)

### **J. Monthly Progress Reports:**

This reports consists of many small reports. Data source would be RLDC website, CEA Website and states etc. Some of the reports will be:

- a) Salient Features of Northern Regional Power Grid in the month
- b) Graph; Installed Capacity & Generation at Peak Availability
- c) Graph, Hydraulic data (Levels on the last day of the month) & Gross Energy Generation
- d) Power Supply Position: Energy reqt. Availability and Shortage & Peak Availability & reqt.
- e) Power Supply Position in Northern Region during the current year as compared to previous year
- f) Entitlement/Schedule/ Drawal & Energy Exchanges for the month
- g) Installed Capacity (in MW) of power utilities in the States/UTs located in NR including allocated shares in Joint & Central Sector utilities

- h) Generation of Power Stations
- i) P.L.F. of Thermal/ Nuclear/ Gas Power Stations.
- j) Contribution from Hydro, Thermal, Nuclear Stations at the time of Regional Peak Demand.
- k) Hourly load / generation data of region for Peak Day and Off-Peak Day.
- l) Frequency Analysis
- m) Status of Under Frequency Relays for load shedding Generation Schemes/Units, Sub-Stations & Transmission Lines commissioned
- n) Hydraulic Data of Reservoirs Besides these reports, following graphs are also to be prepared.

**Note: Above details are as per existing requirements. However, this may change as per direction of Engineer in Charge.**