

Engagement of Consultant for Study on GCV Loss from Mine End up to Firing at Generator End

Terms of Reference

1. Background:

- 1.1. The Central Electricity Regulatory Commission was constituted under erstwhile Electricity Regulatory Commissions Act, 1998 and subsequently recognized as the Central Electricity Regulatory Commission (hereinafter referred as “the Commission”) under the Electricity Act, 2003 (hereinafter referred as “the Act”). The Commission has been vested with the powers under clause(s) of Sub-section (2) of Section 178 of the Act to make regulations on the Terms and Conditions for Determination of Tariff. Further, the Section 79 of the Act has mandated the Commission to regulate the generating companies owned or controlled by the Central government and the generating companies having a composite scheme for generation and sale of electricity in more than one State. While discharging its function of tariff determination the Commission has always endeavoured to achieve a balance between the interests of consumers’ and utilities as specified under Section 61 of the Act.
- 1.2. The Commission is regulating tariff for about 76 GW of generation capacity majority of which are coal based generating stations. Moreover, the generation tariff for a coal based generating station is significantly dependent on the 'coal cost' which constitutes around 60 to 70 percent of the total generation cost. In this setting, it is of paramount importance that the coal related costs are optimized as much as possible, as any inefficiency in management of fuel would unjustly increase the energy charges for the stations and the cost of power to the end users.
- 1.3. The most important quality parameter for coal is its heat value referred to as ‘Gross Calorific Value’ or ‘GCV’. GCV can be measured at three stages of the coal supply chain -- at the mine end known as 'GCV as billed', at the unloading station in generating station known as 'GCV as received', and at the firing end of the generation station known as 'GCV as fired'. In this fuel supply chain from mine end to generating station end, there can be GCV loss on account of grade slippage at mine end, during transportation (transit with railway/road), and during storage & handling at generating stations. As GCV is used for computation of Energy Charges (ECR) payable by the Distribution Companies/Public Utilities to the generating companies, the GCV loss needs to be minimized in the coal supply chain for arriving at an efficient tariff to the ultimate consumers. Further, the issue needs to be also looked at in terms of

risk allocation between the coal company, railways and the generating stations so that the different agencies involved are appropriately incentivised/disincentivised for accurate measurement of GCV and minimization of losses in the value chain. In this backdrop, the Commission propose to engage a consultant for undertaking a comprehensive study on GCV loss from mine end up to firing at generator end. The details of the assignment are provided in the succeeding paragraphs.

2. Objective:

2.1. The broad objectives of this assignment are as follows:

- To assess the GCV loss occurring between different stages of coal supply chain i.e. from the point of 'GCV as billed' to the point of 'GCV as received' and from the point of 'GCV as received' to the point of 'GCV as fired';
- To assess the GCV loss on account of grid slippage at mine end, during transportation and storage & handling operations etc. and identify the underlying factors;
- To understand the national/international benchmark & best practices followed for minimization of GCV loss;
- To develop suitable regulatory mechanism including normative parameters for appropriate risk allocation and minimization of GCV loss;

3. Scope of Work:

3.1. The scope of work for this assignment shall include, but not limited, to the following:

- Estimate the GCV loss occurring at different stages of the supply chain i.e. from the point of 'GCV as billed' to the point of 'GCV as received' and from the point of 'GCV as received' to the point of 'GCV as fired';
- Analyze GCV loss across under different sub-groups viz. region-wise, colliery-wise, plant-wise etc.;
- Sampling and data collection from generating stations, collieries, or railways for estimating the GCV loss;
- Segregate the GCV loss into loss due to grade slippage at mine, loss during transportation and storage & handling etc.
- Identify the underlying factors/issues on account of which GCV loss is taking place viz. measurement related issues, storage/handling related issues, moisture content, duration of storage etc.
- Identify the national and international benchmarks on GCV loss between mine and generating station and the best practices followed;
- Develop normative parameters for GCV loss taking into consideration varying conditions viz. types of mines, location, coal characteristics, mode of transit, seasonality etc.

- Suggest broad measures to reduce the GCV loss with risk responsibility matrix etc. and estimate the potential savings in beneficiaries tariff;
- Suggest suitable regulatory options for appropriate risk allocation and minimization of GCV loss;
- Any other activities required for conducting the study.

4. Deliverables and Duration of the Assignment:

4.1. The study shall be completed within a period of 4 months from the date of award of the consultancy.

4.2. The consultant shall be required to submit all its findings along with background data and workings/analysis in the form of report and presentation to the Commission.

4.3. The consultant shall be required to submit the following during the course of the assignment:

- a) **Inception Report** followed by presentation at the end of 15 days from the date of award of assignment detailing the overall approach to the study, tentative schedule of data collection & analysis etc.;
- b) **Draft Report** followed by presentation at the end of 3 months from the from the date of commencement of the assignment with the compiled data and analysis;
- c) **Final Report** and Presentation at the end of 4 months from the date of commencement of the assignment containing final findings/recommendations from the study; Presentation to be given a week before the submission of final report so that additional comments, if any, suggested by CERC can be incorporated in the final report;
- d) **Periodic presentations** on status of assignment and key findings at the end of each month;
- e) Any other directions by CERC within the scope of the assignment.

4.4. The consultant will arrange the information/data required for successfully conducting the study. CERC will share all the data available internally and provide all possible support in collecting data from the stakeholders.

5. Eligibility criteria

5.1. The consultant should be a firm, a recognized Institute aided/funded by Government of India or a limited liability partnership or a company registered in India. However, a consortium of companies shall not be considered.

5.2. The consultant should have rich experience in the coal sector with good understanding of the power sector related issues. Further, the consultant

should have carried out at least **five** completed consulting assignments in last ten years in the field of techno-commercial analysis of coal related issues in India viz. coal pricing, supply chain analysis, GCV & optimization related studies etc.

- 5.3. Details of such assignments, name of client, value of work, duration of work, No. of staff employee and brief description of work should be provided along with client citations/contracts for all completed ongoing works which are used to meet the proof of eligibility criteria in the Technical Proposal specified in Clause 7.
- 5.4. The consultant should have personnel with professional qualification having background of finance, engineering, economics and law along with relevant experience of data collection, analysis and documentation. Additional weightage will be given to qualifications from premier institutes such as IITs, IIMs, NITs, Central Institute of Mining and Fuel Research (CIMFR), Central Power Research Institute (CPRI), Central Mine Planning & Design Institute Limited (CMPDI), Indian School of Mines etc.
- 5.5. The professionals deployed should have knowledge of relevant Acts, Policies, Regulations as well as operational and commercial aspects related to supply of coal and the functioning of coal based generating stations in India;
- 5.6. The consultant should not have been debarred/blacklisted by any of Central/State Governments/Govt. Departments/PSUs etc. An undertaking regarding the same needs to be submitted along with the application.

6. Payment Schedule

6.1. The consultant shall be paid as per the following schedule:

S.No	Milestone	% of the Agreed Amount
1	Advance of the total fees of the study at the time of signing agreement/acceptance of the Offer, subject to production of an irrevocable Bank Guarantee for equal amount to be valid till successful completion of work#	10%
2	On acceptance of the Inception Report with reference to Para 4.3 (a)	20%
3	On acceptance of the Draft Report with reference to Para 4.3 (b)	20%

4	On submission of Final Report with reference to Para 4.3 (c)	30%
5	On successful completion and acceptance of all reports by the CERC	20%
	Total	100%

Bank guarantee shall be released after successful completion of work.

6.2. The Consultant will be reimbursed costs as per actual for tours outside Delhi, if such tours are undertaken as per directions of competent authority in CERC and with prior approval of the Secretary, CERC. The entitlements for such tours would be same as that of an official of the rank of Joint Chief of CERC.

6.3. Timelines for deliverables are to be strictly adhered to by the consultant. For any delay, except where extension is allowed by CERC, damages would be charged at the rate of 2% per week of delay for value of work executed after due date of completion subject to ceiling of 10% of contracted amount. In case of unreasonable delay, the assignment is liable to be cancelled and the CERC may engage alternate consultant to execute remaining work at the risk and the cost of the bidder.

7. Application and Evaluation criteria:

7.1. The format of application is at Annexure - I (Technical Bid) and Annexure-II (Financial Bid). The consultant is required to submit four (4) copies of Technical Bid (each of which shall be treated as original) and one copy of financial bid.

7.2. Two separate sealed bids clearly marked as "**Technical Bid**" and "**Financial Bid**" are required to be submitted which shall be placed in an outer envelope clearly mentioning in bold letters on top of the envelope "**Engagement of consultants for undertaking study on GCV loss from the mine end up to the firing at the generator end**".

7.3. Technical component will carry 70% weightage and financial component 30% weightage.

7.4. The bids of eligible bidders as per Clause 5 will be scrutinized by Consultancy Evaluation Committee (CEC) and shortlisted bidders will be called for interaction. The bidders shall be required to make a presentation on the proposed Approach and Methodology before CEC and their technical performance shall be evaluated based on the following criteria:

Technical Parameters	Wiehtage
Consultants relevant experience for the assignment	30%
Quality of approach/methodology proposed	20%
Qualifications and experience of the key staff proposed	40%
Quality of presentation before the CEC	10%
Total	100%

7.5. Minimum qualifying marks shall be 70% for the Technical component. Only those bidders, who qualify technically as per clause 7.4 would be considered for Financial Evaluation.

7.6. In the financial bid evaluation, proposal with the lowest cost will be given score of 100 for financial component while other proposals will be given scores that are inversely proportional to prices quoted by them.

7.7. The total score will be obtained by weighting the Technical and Financial scores and adding them. Only successful bidder would be communicated the award of consultancy assignment.

8. Termination of Contract:

8.1. The consultant shall abide by the performance and obligations agreed under contract as per Annexure-III and Annexure-IV. The assignment may be terminated as per Clause 7 of the Contract Agreement enclosed at Annexure-III and Confidentiality Agreement at Annexure-IV.

9. CERC reserves the right to modify the bid terms & conditions or cancel the bid without assignment of any reason, whatsoever.

10. The address for submission of the proposal and seeking any clarification (within the due date of submission of the bids i.e upto 17.00 hrs on 30 May, 2019) is given below:

Advisor (Power Market),

**C/o Central Electricity Regulatory Commission,
Ground Floor, Chanderlok Building,
36, Janpath, New Delhi – 110001
Ph: 91-11-23353503 Fax: 91-11-23753923**

**DETAILED PROPOSAL FOR STUDY
(TECHNICAL)**

Note: Four (4) copies of the proposal shall be submitted.

I. GENERAL INFORMATION:

1. Title of the Proposed Assignment:
2. Name and address of the Organization/ Institution:
3. Name & Designation of the Key Person:
4. Contact address of the Key Person:
 - a) Address :
 - b) e-mail :
 - c) Telephone :
 - d) Fax :
 - e) Mobile No. :
5. Net-worth/ turnover of the organization/ institution (supported by Annual Statement of Accounts of Last Financial Year)

II. TECHNICAL SPECIFICATIONS:

6. i. Department(s) of the organization/ Institution(s) where the study will be carried out.
ii. Other department(s), if any, which will collaborate in this study
7. Brief review of the experience in the relevant field (National and International).
8. Detailed Approach & Methodology for undertaking the assignment.
9. Facilities available for the proposed work in the applicant's organization/ institution
10. Previous experience of the applicant in this or related field
11. Name and Designation of the Proposed Team (also indicate the man-hour committed for each member of the team)
12. Biographical sketch of the Study Team (for every team member)
 - (i) Name
 - (ii) Designation
 - (iii) Date of Birth
 - (iv) Academic qualifications and experience
 - (a) Academic Qualifications

Degree Year	University	Field(s)/ Specialisation	Year

(b) Experience:

- Total Relevant Experience for the proposed assignment: Years
- Details of experience:

Institution	Topic of work done	Period

- Field of major interest
- Additional information (if any)

13. Capacity to impart training/ transfer of knowledge

Signature of Authorised Representative

**DETAILED PROPOSAL FOR ASSIGNMENT
(FINANCIAL)**

I. GENERAL INFORMATION:

1. Title of the Proposed Assignment:
2. Name and address of the Organization/ Institution:
3. Name & Designation of the Key Person:
4. Contact address of the Key Person (e-mail/ fax/ telephone):
5. Certificate of authorization in case of Institutes/ other organizations:

II. Fee Proposed:

6. Amount of Fee proposed for:

Components	Consolidated Amount (in Rs.)
(I) Consultation Charges -	
(II) Misc./ Others (if any) -	
Total	

(Amount in Words Rupees)

_____)
_____)

Note: The fees should not include other financial liabilities of the Consultant and applicable taxes. The taxes shall be reimbursed separately.

Signature of Authorised Representative

(On Stamp Paper of Rs. 100/-)

This **AGREEMENT** entered into on this _____ day of ----- 2019 [the date of the agreement] BETWEEN [give the Name and full address of the Consultant] hereinafter referred to as "the Consultant" or the party of the First part AND Central Electricity Regulatory Commission represented by its Assistant Secretary (P&A) Shri Sachin Kumar having its office at 3rd and 4th Floor, Chandrarlok Building, 36 Janpath, New Delhi -110001 (hereinafter called "CERC") or the party of the Other part.

WHEREAS

- (A) the CERC, on being satisfied that there is a need to engage consultants to undertake study on GCV loss from the mine end up to the firing at the generator end, invited quotations vide notice ----- dated -----.
- (B) the Consultant responded to the above notice and submitted its quotation.
- (C) the CERC, on scrutiny of various quotations received in response to its above-mentioned notice ----- dated ----- including the one received from the Consultant has decided to engage the Consultant for the above said assignment under the provisions of the Central Electricity Regulatory Commission (Appointment of Consultants) Regulations, 2008 as amended from time to time.
- (D) the Consultant has agreed, to take up the above-said assignment through unconditional acceptance vide Letter No. ----- dated -----.

NOW THIS AGREEMENT WITNESSETH AS UNDER:

That the Parties to this Agreement have agreed to terms and conditions mentioned below:

1. Definitions:

- (i) "Commission" means the Chairperson and the members of the CERC including the Ex-officio member.
- (ii) "Confidential information" means any and all information but not limited to the information communicated to the consultant by the CERC.
- (iii) "Member" means a member of the CERC including the Chairperson and the ex-officio member.

(iv) "Person" shall include any company or body corporate or association or body of individuals, whether incorporated or not, or artificial juridical person;

(v) "Secretary" means the Secretary of the Commission.

2. Nature of work: The Consultant shall be engaged in the area of assignment as mentioned under (A) above in accordance with the Terms of Reference (vide CERC notice ----- dated -----) attached hereto which shall be deemed to be a part of this agreement for all intents and purposes.

3. Commencement and duration of assignment: The above assignment shall commence with effect from ----- and shall be valid for a period of four months. The assignment may be extended for a further period, if required, with mutual consent and on terms and conditions agreed therein.

4. Obligations of the Consultant:

(i) The Consultant shall adhere to the timelines specified in the Terms of Reference and submit the deliverables to the CERC.

(ii) The Consultant shall make presentations before the Commission or any other person or organisation as required.

(iii) The Consultant shall ensure that the interim and final findings of the study and the contents of his interim and final reports to the CERC are confidential information and shall not disclose it to any person.

(iv) The Consultant shall provide all reports and calculations in report format as well as digital format as per requirements of the CERC.

5. Entitlements of the Consultant:

(i) The Consultant shall be entitled to payment of such sum of money as provided in offer letter of CERC;

(ii) The Consultant shall be paid as per Clause 6 of Terms of Reference;

(iii) In appropriate cases, part or full amount payable will be released only after approval of the deliverables by the competent authority authorized by the Commission;

(iv) The Consultant shall not be entitled to any other remuneration or reimbursement or perquisites or facilities.

(v) The Consultant will function from the office premises of CERC.

6. Restrictive terms:

- (i) The Consultant affirms that the current assignment is not in conflict with any of its present obligations to any party with whom he/ she/ it has association.
- (ii) The Consultant shall further undertake that there is no conflict of interest with any of the assignment and provides the undertaking in this context which will be abided by during the assignment.
- (iii) The Consultant further affirms that he/ she/ it shall hold all business information including confidential information in confidence and with the same degree of care he/ she/ it uses to keep his/ her/ its own similar information confidential, but in no event shall it use less than a reasonable degree of care; and shall not, without the prior written consent of CERC, disclose such information to any person for any reason at any time.
- (iv) The CERC shall be entitled to, without prejudice to any other right for civil or criminal proceedings, receive from the Consultant a compensation for the damages for violation by him/ her/ it of any of the terms of the agreement which shall be limited to the total fee of the assignment.
- (v) The Consultant, while functioning from CERC office premises, shall indemnify CERC for any damages at all times. The Consultant shall undertake the entire responsibility of their professionals, while executing their assignment from office premises. No compensation towards the expenses for their professionals is admissible.
- (vi) The Consultant shall ensure that their professionals maintain office discipline, follow ethical professional practice while functioning from office premises of CERC.

7. Termination of contract:

At the option of the CERC:

- (i) **Without any notice:** The assignment may be terminated by the CERC, at any time, with immediate effect, if it has come to notice that the Consultant has been convicted for an offence involving moral turpitude or/ unethical professional practices.
- (ii) **With one month notice:** The assignment may be terminated by the CERC, under any of the following circumstance, by giving one month's notice and after providing an opportunity to the consultant to offer explanation:
 - (a) It has come to the notice of the CERC that the Consultant or its professionals have resorted to fraud or suppression of material information or submission of false information or unethical means to secure the assignment;
 - (b) It has come to the notice of the Commission that there is a material change in the circumstances of the Consultant based on which the assignment was awarded such as fall in the net worth criteria if any fixed

for the selection of the Consultant, cancellation of the practitioner's license by the professional body forming the basis of the Consultant's eligibility.

- (c) The Consultant has failed, without any valid justification, to adhere to the timeframe specified by the CERC in the assignment.
- (d) The Consultant has violated any of the provisions of the agreement.
- (e) The Consultant failed to provide deliverables within the timeline specified in the Terms of Reference on three consecutive occasions..

(iii) **At the option of either parties:** Both the parties namely, the CERC and the Consultant have the option to terminate the assignment by giving a notice of three months or the equivalent remuneration in lieu thereof.

8. Effect of termination: On pre-mature termination of the assignment, the CERC shall pay the Consultant, part or full remuneration, as CERC deems fit, for the work performed by him/ her/ it till the date of termination of the Contract.

Provided that in case of any dispute as to what is the entitled remuneration for the work the matter shall be referred to arbitration under the provisions of this agreement.

9. Notice Any notice between the parties shall be in writing and posted to the other party to the last known address.

10. Arbitration:

(i) Any difference, dispute, claims which may arise between the parties hereto as to the construction or true intent and meaning of any of the terms and conditions herein contained or as to any payment to be made in pursuance hereof or as to any other matter arising out or as to any other matter arising out of or connected with or incidental to these presents or as to the rights, duties and obligations of any of the parties, such difference, dispute or claim shall be mutually settled amicably by arbitration through a sole arbitrator appointed by the CERC.

(ii) The arbitration shall be conducted in accordance with the Arbitration and Conciliation Act, 1996 or any statutory amendments thereof. The venue of such arbitration will be Delhi/ New Delhi.

(iii) The Arbitration shall be in English language.

11. Jurisdiction: In respect of any legal proceedings arising as a result of or relating to or incidental to this agreement, the courts in Delhi/New Delhi alone shall have exclusive jurisdiction

IN WITNESS WHEREOF, the Parties above named have executed this Agreement of the day, month and year mentioned hereinabove.

Signed by, [Consultant or his/ her/ it Authorised Signatory] in the presence of

Witness

- 1.
- 2.

Signed by, on behalf of the CERC in the presence of

Witness

- 1.
- 2.

(On Stamp Paper of Rs. 100/-)
CONFIDENTIALITY AND NON-DISCLOSURE AGREEMENT

This Confidentiality and Non-Disclosure Agreement entered into on this _____ day of -----, 2019 [here give the date of the agreement] BETWEEN [give the Name and full address of the Consultant] hereinafter referred to as "the Consultant" or the party of the First part AND Central Electricity Regulatory Commission represented by Shri Sachin Kumar, Assistant Secretary (P&A) having its office at 3rd and 4 the Floor Chandralok Building, 36 Janpath, New Delhi -110001 (hereinafter called "CERC") or the party of the Other part:

- A) Whereas CERC has undertaken a bidding process for selection of a Consultant for the assignment of conducting study on GCV loss from the mine end up to the firing at the generator end (hereinafter called "**the assignment**") in accordance with the provisions of the Central Electricity Regulatory Commission (Appointment of Consultants) Regulations, 2008 and its amendments thereof;
- B) Whereas, CERC, after evaluation of bids, decided to engage [name of Consultant] as the Consultant for the said assignment and the said Consultant has agreed to take up the above said assignment and has entered into an contract agreement on [Insert date] for undertaking the said assignment;
- C) Whereas, CERC, desires to share business information which *inter-alia* include CERC information or business information of confidential or non confidential nature to the Consultant for the purpose of the assignment for which the consultant agreed to enter into a confidential and non-disclosure agreement;
- D) Whereas, the said Consultant has agreed to enter into a confidential and non-disclosure agreement in accordance with Clause 9 of the Terms of Reference and Clause 6 of the Contract Agreement dated (Insert Date of Contract Agreement);
- E) Whereas, CERC intends to lay down in writing the obligations of the Consultant with respect to the handling and disclosure of the Business Information shared with or made known to the said Consultant by in connection with the said assignment.

NOW THIS AGREEMENT WITNESSETH AS UNDER:

In consideration of the mutual covenants and conditions set forth herein, the consultant, is legally bound and agrees as follows:

1. Definitions

- 1.1. "CERC Information or Business Information" includes, but is not limited to, information relating to tariff petitions, intellectual property, reply affidavits/rejoinders/ objections, written submissions, technical and financial information, sources of information, strategic decisions and discussions, plans, data, methods and approach, personnel and business relationships in respect of the functioning of CERC etc.

1.2. "Commission" means the Chairperson and the members of the CERC including the Ex-officio member.

1.3. "Confidential information" includes, but is not limited to business information and includes all and any information communicated to the said Consultant in writing or orally by CERC:

Explanation: The Confidential Information shall not include any information which (i) was already known to the Consultant prior to the time of disclosure by CERC as evidenced by written records, (ii) or is available or becomes available to the public, through any other source, other than through a breach of this Agreement by the Consultant.

1.4. "Person" shall include any company or body corporate or association or body of individuals, whether incorporated or not, or an artificial juridical person;

1.5. "Secretary" means the Secretary of the Commission.

1.6. "Effective Date" means the date from which this agreement is signed by the consultant;

2. The Consultant agrees that:

2.1. It shall use the business information including confidential information or non confidential Information for the assignment and for no other purpose whatsoever;

2.2. It shall take all necessary and appropriate steps to keep the business information including confidential and shall protect the confidential Information including: (i) restricting access to all confidential Information received, to those employees who have a "need to know" and advising such employees of their obligations to handle the Confidential Information with the highest degree of care and prudence to prevent any violation of this Agreement; and (ii) not using, disclosing, or allowing access to such Confidential Information by any third party, except as authorized by CERC in writing.

2.3. It shall be liable for any breach of this agreement by any of its employees, employees of its affiliates or subsidiaries and by any Consultant, agent, or other third party to whom it has communicated the said business information including confidential Information.

3. Disclosure of information

3.1. If the Consultant becomes legally required to disclose business information including confidential Information, or any part thereof, the Consultant will give CERC prompt notice of such requirement. Upon such notice or request, CERC shall either waive compliance to any of the terms of this agreement or if CERC is unable to obtain any order prohibiting disclosure of such business information and made known to the consultant, only then the Consultant shall

disclose that portion of the Confidential Information, which are necessary to ensure compliance of such legal requirement.

- 3.2. Any business information including confidential Information that is disclosed pursuant to a legal obligation as above shall maintain its confidential or restrictive access character if the disclosure does not result in the information becoming generally known or available to third parties, without restrictions on further disclosure. The Consultant shall have the responsibility to show that the information remains confidential based on the foregoing exceptions and must inform CERC within forty eight hours from the date/ time of disclosure upon such exceptions.

4. Rights on Information

- 4.1. The Consultant agrees that business information including confidential Information is and will remain the property of CERC and all such Information in tangible form and copies thereof will be returned promptly to CERC upon request of officer in charge or at the end of the assignment. In case, the Consultant is required to hold on to the confidential information in furtherance of the assignment, such copy shall be maintained in a safe and secure location by the Consultant. No use of such business information including confidential information is permitted except as provided in this agreement, and the Consultant agrees not to rely upon, in any manner, the said confidential information, except as authorized by this agreement. No grant of any of the CERC's intellectual property rights, including any license implied or otherwise, is given or intended to be given.
- 4.2. Any additional information provided by CERC to the Consultant for its evaluation, together with the tariff petitions and the information obtained by the Consultant as a result of the scrutiny and examination thereof shall also be deemed to be confidential information and is subject to this agreement. The interim report or analysis or deliverables made there from shall be returned or disposed of as directed by CERC.

5. Effective date and termination of the Agreement:

- 5.1. This Agreement will be effective as on the Effective date of (Insert Date) and will cover all the business information including Confidential Information disclosed to the Consultant by CERC subsequent to such date. This agreement shall remain valid for 2 years from date of final publication of Tariff Regulations..
- 5.2. The expiry of the agreement dated (Insert Date) does not give liberty to Consultant to disclose any information shared/ disclosed by CERC and available with the Consultant and/ or their employees and the Consultant shall indemnify CERC to the extent of the breach of confidentiality and affecting the interests of CERC.
6. The Consultant acknowledges and agrees that the unauthorized disclosure or any other violation, or any perceived violation of this agreement by the Consultant

will cause irreparable damage to CERC. The Consultant agrees that CERC has the authority to prohibit the Consultant from any such disclosure, attempted disclosure, violation or perceived violation without the necessity of proving damage of its interests. The Consultant hereby agrees and indemnifies and holds the CERC harmless from and against all or any damage, losses and costs (including reasonable attorneys' fees) resulting from any such actual, attempted or threatened disclosure or perceived violation.

7. Neither this agreement nor anything disclosed or provided pursuant to this agreement shall create or should be construed to create, in any manner, any obligation to enter into any contract or business arrangement nor does it obligate either Party to purchase any service or item from the other or offer for sale any products using or incorporating Confidential Information.
8. The Consultant agrees and acknowledges that neither CERC nor its officers, employees, assigns or advisors make any representation or warranty (express or implied) as to the accuracy and completeness of Confidential Information except as may be expressly represented or warranted in any subsequent agreement concluded between the Parties.
9. This Agreement may not be amended or modified, nor may any right or remedy of any Party be waived, except in writing and signed by such Party. The waiver by any Party of the breach of any term or provision hereof by any other Party will not be construed as a waiver of any other subsequent breach.
10. The rights and obligations of the parties pursuant to this Agreement shall be in addition to and shall not derogate from either party's obligations under any other agreement between them. In the event of any conflict between any provision(s) of this Agreement and those of any other agreement between them, the more restrictive provision(s) shall apply and the interpretation of CERC in this regard shall be final.
11. The Consultant affirms that the individual(s) executing this agreement on behalf of the said consultant has the authority to bind the Consultant to the terms hereof.
12. The Consultant acknowledges and agrees that each and every term of this agreement is of the essence. If any one or more of the provisions contained in this agreement should be declared invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions contained in this Agreement shall not in any way be affected or impaired thereby so long as the commercial, economic and legal substance of the transaction contemplated hereby are not affected in any manner materially adverse to any Party. Upon such a declaration, the Parties shall modify this Agreement so as to carry out the original intent of the Parties as closely as possible in an acceptable manner so that the purposes contemplated hereby are consummated as originally contemplated to the fullest extent possible. However, the decision of CERC shall be final.

13. Arbitration:

13.1. Any difference, dispute, claims which may arise between the parties hereto as to the construction or true intent and meaning of any of the terms and conditions herein contained or as to any payment to be made in pursuance hereof or as to any other matter arising out or as to any other matter arising out of or connected with or incidental to these presents or as to the rights, duties and obligations of any of the parties, such difference, dispute or claim shall be mutually settled amicably by arbitration through a sole arbitrator to be appointed by CERC.

13.2. The Arbitration shall be conducted in accordance with the Arbitration and Conciliation Act, 1996 or any statutory amendments thereof. The venue of such arbitration will be Delhi/ New Delhi. Arbitration shall be in English language.

14. Jurisdiction: In respect of any legal proceedings arising as a result of or relating to or incidental to this agreement, the courts in Delhi/ New Delhi alone shall have exclusive jurisdiction.

IN WITNESS WHEREOF, the Parties above named have executed this Agreement on the day and month of the year mentioned hereinabove.

Signed by, [Consultant or his/ her/ it Authorised Signatory] in the presence of

Witness

- 1.
- 2.

Signed by, on behalf of the CERC in the presence of

Witness

- 1.
- 2.