



BIHAR ELECTRICITY REGULATORY COMMISSION

Vidyut Bhawan-II, J.L. Nehru Marg, Patna-800021

Notice No.- BERC-Tariff-01/20-10

Dated- 12.08.2020

TENDER NOTICE (Request For proposal (RFP))

Proposals are invited from competent/eligible and experienced consultancy firms for providing consultancy services to Bihar Electricity Regulatory Commission for

1. Truing up of Aggregate Revenue Requirement (ARR) for FY 2019-20, Annual Performance Review (APR) for FY 2020-21 and determination of ARR for FY 2021-22 of Bihar State Power Transmission Company Ltd. (BSPTCL) & State Load Despatch Centre (SLDC).
2. Truing up of Aggregate Revenue Requirement (ARR) for FY 2019-20, Annual Performance Review (APR) for FY 2020-21 and determination of ARR for FY 2021-22 of Bihar Grid Company Ltd. (BGCL).
3. Truing up of Aggregate Revenue Requirement (ARR) for FY 2019-20, Annual Performance Review (APR) for FY 2020-21 and determination of ARR for 2021-22 and retail tariff for sale of electricity for FY 2021-22 of North Bihar Power Distribution Company Ltd. (NBPDC) and South Bihar Power Distribution Company Ltd. (SBPDCL).

The RFP documents, eligibility criteria and other details are available on Commission's website www.berc.co.in and may also be obtained from the office of the Commission.

The last date for submission of offer is **21.09.2020 by 15.00 hrs.**

R. Das
12/8/2020
(R.P. Das)
Secretary,
BERC

BIHAR ELECTRICITY REGULATORY COMMISSION

PATNA

REQUEST FOR PROPOSAL

(RFP)

Engagement of Institutional Consultant for providing consultancy services to the BERC for the following works :-

- 1. Truing up of Aggregate Revenue Requirement (ARR) for FY 2019-20, Annual Performance Review (APR) for FY 2020-21 and determination of ARR for FY 2021-22 of Bihar State Power Transmission Company Ltd. (BSPTCL)& State Load Despatch Centre (SLDC).**
- 2. Truing up of Aggregate Revenue Requirement (ARR) for FY 2019-20, APR for FY 2020-21 & ARR for the 2021-22 of Bihar Grid Company Ltd. (BGCL).**
- 3. Truing up of Aggregate Revenue Requirement (ARR) for FY 2019-20, Annual Performance Review (APR) for FY 2020-21 and determination of ARR for 2021-22 and retail tariff for sale of electricity for FY 2021-22 of North Bihar Power Distribution Co. Ltd. (NBPDC) and South Bihar Power Distribution Co. Ltd. (SBPDCL).**

BIHAR ELECTRICITY REGULATORY COMMISSION

Section –1**TERMS AND CONDITIONS****1.0 INTRODUCTION**

1.1 The Bihar Electricity Regulatory Commission (BERC or Commission), a body corporate has been established under section 17 of the Electricity Regulatory Commissions Act,1998 (now under section 82 of the Electricity Act,2003). One of the functions of the Commission as per the Act is to determine tariff for generation, supply, transmission and wheeling of electricity, wholesale, bulk, or retail and transmission charges for the use of the transmission facilities within the State.

1.2.1 The Bihar State Electricity Board (hereinafter referred as 'BSEB' or 'Board') has been constituted under section 5 of Electricity (Supply) Act, 1948 on 1st April, 1958. The BSEB was a deemed licensee in terms of section 14 of Electricity Act, 2003 (hereinafter referred as 'Act'). The BSEB had been reorganized under Bihar State Electricity Reforms Transfer Scheme 2012 vide notification no. Proc/Board/31/2008/17 Patna dated 30.10.2012 into five companies viz. [i]Bihar State Power Holding Company Ltd. (BSPHCL), [ii] Bihar State Power Generating Company Ltd. (BSPGCL),[iii]Bihar State Power Transmission Co. Ltd.(BSPTCL),[iv] North Bihar Power Distribution Company Ltd. (NBPDC)and [v] South Bihar Power Distribution Company Ltd. (SBPDCL).

ower from Renewable Sources is also being purchased from some Sugar Mills Co-generation Plants/Solar Plants and Bihar State Hydrel Power Co. Ltd.

NBPDC and SBPDCL are distributing power in North Bihar and South Bihar respectively. The State is meeting its power requirements mainly through its allocation from central sector generating stations of NTPC and NHPC, from Chukha and Tala hydro power stations in Bhutan, State Generating Station/ IPP, J. V. Project, RE Project, Open Access etc. and purchase of power based on tariff based competitive bidding.

BSPTCL is responsible for Transmission of electricity in the State of Bihar and are feeding the power to the both NBPDC and SBPDCL. The other Transmission company is Bihar Grid Company Ltd. a joint venture company of BSP(H)CL and Power Grid Corporation of India which is executing the new Transmission schemes under stage-I/II and transmit energy to BSPTCL from different point of connection of power grid. The SLDC is functioning at present under BSPTCL. The ARR and SLDC charges for open access consumer have also to be determined separately.

1.3 The Commission has notified the BERC (Terms and Conditions for determination of Tariff) Regulations, 2007, BERC (Multi Year Distribution Tariff) Regulations, 2018 and

BERC (Multi Year Transmission Tariff and SLDC charges) Regulations, 2018 in exercise of powers conferred under section 181 read with section 32, 45(2), 61, 62 and 86 of the Electricity Act, 2003.

1.4 According to sections 62 and 86 of the Electricity Act, 2003, the Commission has a mandate to determine tariff for transmission, supply and wheeling of electricity, wholesale, bulk, or retail and transmission charges for the use of the transmission facilities within the State including SLDC charges under Section 32 (3) of the Act.

1.5 The Bihar State Power Holding Co. Ltd. (BSPHCL) filed MYT petitions for determination of ARR and tariff for first control period of three years from FY 2013-14 to FY 2015-16 (hereinafter to be referred as first 'Control Period') on behalf of BSPGCL, BSPTCL, NBPDCCL and SBPDCL on 15th November, 2012. The Commission determined the Multi Year ARR and tariff of the Bihar State Power Generation Co. Ltd., Bihar State Power Transmission Co. Ltd. for FY 2013-14 to FY 2015-16 and also determined the Multi Year ARR of NBPDCCL and SBPDCL for a control period of three years from FY 2013-14 to 2015-16 and tariff for retail sale of electricity in the State for FY 2013-14 vide order dated 15.03.2013.

The Truing-up petition of erstwhile BSEB and its successor companies for FY 2012-13 were filed by BSPHCL and the Commission issued the Truing up order for FY 2012-13 on 28.02.2014.

1.6 There after the successor companies namely BSPGCL, BSPTCL, SBPDCL and NBPDCCL have been filing their separate petitions for determination of Aggregate Revenue Requirement (ARR).

1.7 Bihar Grid Company Ltd. (BGCL) who has been granted transmission licence filed petition for determination of ARR for FY 2017-18 for the first time. The Commission determining the ARR of BGCL passed the order on 09.03.2017.

1.8 The Commission has now to approve Truing up exercise for FY 2019-20 and Annual Performance Review (APR) for FY 2020-21, determination of ARR for the FY 2021-22 of BSPTCL & SLDC, BGCL, NBPDCCL and SBPDCL and determination of Tariff for retail sale of electricity by the NBPDCCL and SBPDCL for FY 2021-22 as per provision of the BERC (Terms and Conditions for determination of Tariff) Regulations, 2007, BERC (Multi Year Distribution Tariff) Regulations, 2018, BERC (Multi Year Transmission Tariff and SLDC charges) Regulations, 2018 and the directives given by the Commission in its tariff order for FY 2020-21.

2.0 **ELIGIBILITY CRITERIA:**

2.1 The bidder should have proven experience in providing consultancy services in the area of preparation or analysis and evaluation of petitions for determination of Multi Year ARR and tariff for transmission/SLDC and distribution of electricity in accordance with the provisions of the Electricity Act, 2003.

The bidder should have experience of analysis and evaluation of tariff petitions for transmission and retail sale of electricity on behalf of any Central/Joint/State Electricity Regulatory Commission/ preparation of petition for determination of ARR and tariff for transmission and distribution on behalf of utility for filing before State Electricity Regulatory Commission. Those having experience of analysis of financial and technical data and evaluation of tariff petition on MYT principle for determination of the tariff for transmission and retail sale of electricity on behalf of the State Electricity Regulatory Commission will be given preference.

- 2.2 The bidder should have minimum average annual turnover of Rupees two crores of previous three years as per audited Annual Accounts i.e. financial year 2016-17 to 2018-19.
- 2.3 The bidder should have a clear understanding of Electricity Act, 2003; regulations made under the Act and the applicable policies, legal and regulatory frame work and reforms at Central and State levels.
- 2.4 The bidder should have adequate technical and financial capabilities to carry out the works as per terms of reference.
- 2.5 The bidder should have adequate manpower with required skills to carry out the assignment.

3.0 INFORMATION TO BE FURNISHED BY THE BIDDER:

3.1 Manpower details:

- (i) Manpower details of the Team / Group indicating the name of the **team leader** who will remain associated with work and would devote considerable time (**not less than four weeks**) during the consultancy period to execute the consultancy job should be submitted as per Annexure-T-1. (ii) Details of experience of key personnel who will undertake each item of work given under Scope of Work along with curriculum vitae and summary of experience in prescribed format should be given as per Annexure T-1
- 3.2 Details of experience of consultancy provided during the financial year 2014-15 to 2019-20 relating to works as mentioned under 'Scope of Work' particularly with Electricity Regulatory Commission or transmission/distribution utility with documentary proof in the prescribed format (Annexure-T-2) as well as in summary of experience in prescribed format (Annexure-T-3).The experience should clearly indicate, with supporting documents whether voltage wise cost of supply have been computed in the past orders.
- 3.3 Details of Resources available and Tie-up with experts/professional organizations to handle the consultancy work (Annexure-T4).
- 3.4 Documentary evidences in support of requirements under clause 2.1 and 2.2 above.
- 3.5 All other information mentioned in various clauses of RFP document.
- 3.6 **Approach to Tariff setting:** - The Bidder should explain in detail about the methodology/approach for:

A. **DISCOM:-**

- i) Evaluation of Aggregate Revenue Requirement for FY 2021-22 of Distribution Company (NBPDC&SBPDCL) (Annexure-T-5A).
- ii) Annual Performance Review (APR) for FY 2020-21 of Distribution Company (NBPDC&SBPDCL) (Annexure-T-5B).
- iii) Truing up of ARR of Distribution Company (NBPDC&SBPDCL) including methodology for checking of verification of power purchase bills including quantum and cost)(Annexure-T-5C).
- iv) Retail tariff, rationalization, principle and design for Tariff setting for different categories of consumer indicating extent of cross subsidy (Annexure-T-5D).
- v) Determination of wheeling charges for different voltage level (Annexure T-5E).
- vi) Determination of Open Access charges. It should be rational so that cost of delivered power (from source other than within the State) is comparable to retail tariff (Annexure-T-5F).
- vii) Verification of voltage wise cost of supply, computation including unmetered sales and revenue of sale of energy (Annexure-T-5G).
- viii) The bidder should explain the methodology for verification of energy accounting/energy audit results of the NBPDC and SBPDCL and scrutiny and analysis of data submitted in the Tariff petition(s) (Annexure-T-5H).

B. **TRANSCOS:-**

- i) Evaluation of Aggregate Revenue Requirement for FY 2021-22 of TRANSCOS (BSPTCL & BGCL) (Annexure-T-5 I).
- ii) Annual Performance Review (APR) for FY 2020-21 of TRANSCOS (BSPTCL & BGCL) and its impact on transmission charges for FY 2021-22-(Annexure-T-5 J).
- iii) Truing up of ARR of TRANSCOS (BSPTCL & BGCL) and its impact on transmission charges for FY 2021-22 (Annexure-T-5 K).
- iv) Methodology for sharing of transmission charges (Annexure-T-5 L).

C. **SLDC:-**

- i) Evaluation of Aggregate Revenue Requirement for FY 2021-22 of SLDC (Annexure-T-5 M).
 - ii) Annual Performance Review (APR) for FY 2020-21 of SLDC (Annexure-T-5 N).
 - iii) Truing up of ARR for FY 2019-20 of SLDC (Annexure-T-5 O)
- 3.7 Schedule of Activities (Annexure T6) with time lines.

4.0 INFORMATION AND INSTRUCTIONS TO BIDDERS

- 4.1 Bidders are required to furnish all required information and document in English as specified in the RFP document.
- 4.2 Bid document shall be printed/typed in three copies. Every page of the bid document should be signed by the authorized signatory with seal. Additions, alterations and over-

- writings, if any, in the bid document or accompanying documents must be initialed by the person(s) who signs the bid.
- 4.3 The bidder shall properly check the documents before submission to ensure that all information / documents required are included. In this context a check list is given at Annexure-T7. The bidder shall give a list of enclosures / documents enclosed with the Bid.
- 4.4 Details of all assignments / contracts, if any, in the Power Sector in the State of Bihar, if any, shall be submitted by the bidder. The bidder shall ensure that there is no clash of interest of its contract with other parties in the power sector in Bihar.
- 4.5 Bids shall be liable for rejection on the following grounds:
- i) Incomplete Bid.
 - ii) Bid not meeting the technical / commercial conditions laid down in the RFP document.
 - iii) Terms and conditions / technical response / quoted price is vague and ambiguous.
 - iv) Bid not accompanying bid security deposit and the required documents.
 - v) Bid not valid for the specified period.
 - vi) Bidder should furnish only the relevant information/documents as received in this RFP document only in this regard and not unnecessary/irrelevant information/documents.
- 4.6 BERC reserves the right to reject Bid process without assigning any reason at any time.
- 4.7 Bidder may be required to give a presentation before the Commission for the purpose of clarification on their bid proposal at their own, if so desired by the BERC.
- 5.0 CLARIFICATION AND AMENDMENT OF RFP DOCUMENT:**
- 5.1 Bidders who require clarification on any aspect of the RFP documents should send their queries in writing or through email on or before 07.09.2020 BERC will respond by fax or e-mail to such queries and will send copies of the clarifications to all prospective bidders. Such clarifications will be treated as part of Bid document.
- 5.2 At any time prior to deadline for submission of bids or extended date, if deemed necessary, BERC reserves the right to add/delete/modify any portion of the bid document by issuing an amendment. Such amendment(s) shall be put on the website of the Commission and notice to this effect shall be published in the newspapers in which the notice inviting the bids is published. However, in such a case clear time of 15 days will be given for submission/modification of the bid document. The modification shall be binding on all bidders.
- 5.3 Although details included in RFP document have been compiled with all reasonable care, it is bidders' responsibility to satisfy themselves that the information/ documents submitted with the bid document are adequate and that there is no conflict between the

bid documents and stipulations given in the RFP. In case of any such conflict in any document after signing of agreement with BERC, interpretation of BERC shall be final.

6.0 EXCEPTION / DEVIATION FROM RFP DOCUMENT:

6.1 Exceptions/deviations, if any, to any clause of the RFP document must be properly spelt out in the Schedule of exception and deviations as per Annexure-T8 to be submitted along with the Bid. BERC reserves the right to accept or reject any deviation. In the absence of such schedule, it will be assumed that there is no exception or deviation and the Bid is entirely in line with the RFP document.

7.0 PROCEDURE FOR SUBMISSION OF BID:

7.1 The bidder shall submit the bid in two parts,

Part I – Technical Bid

Part II – Financial Bid.

in separate sealed envelopes one for Part-I (Technical Bid) and the other for Part-II (Financial Bid) with the covering letter in the format annexed at Annexure–T9 (Proposal submission form) and in Annexure–F1 (Financial Proposal submission form) :

7.2 The Technical Bid shall be placed in a sealed envelope superscribed as “**Part I – TECHNICAL BID**” on the top of the envelope.

7.3 The Financial Bid shall be placed in a separate second sealed envelope superscribed as “**PART II – FINANCIAL BID**” for the work as stated scope of works in Section 2 on the top of the envelope.

7.4 The bidder shall submit two crossed Demand Drafts, along with the bid. One demand draft of Rs.10,000/- (Rupees Ten thousand only) (non-refundable) towards cost of RFP Document and the second demand draft towards Earnest money as ‘*Bid Security*’ amounting to Rs. 50,000/- (Rupees fifty thousand only) Both DDs shall be in favour of “**Bihar Electricity Regulatory Commission**” payable at Patna and placed in a third separate sealed envelope clearly marked ‘BID SECURITY’ on the top of it.

7.5 All the three sealed envelopes ‘**Part I – Technical Bid**’, ‘**Part II – Financial Bid**’ and ‘Bid Security’ should be placed in a single sealed packet clearly superscribed on top of the packet “**BID FOR DRAFT ORDER FOR APPROVAL OF TRUING UP OF ARR FOR FY 2019-20, APR FOR FY 2020-21, DETERMINATION OF ARR FOR FY 2021-22 OF BSPTCL & SLDC, BGCL, NBPDC AND SBPDCL AND RETAIL SALE OF ELECTRICITY OF NBPDC AND SBPDCL FOR FY 2021-22**”.

8.0 EARNEST MONEY:

8.1 The bidder shall furnish along with the bid, earnest money of Rs.50,000/- (Rupees fifty thousand) as Bid Security in the form of Demand Draft payable to Bihar Electricity Regulatory Commission payable at Patna as referred in Clause 7.4.

8.2 Earnest money of unsuccessful Bidders shall be returned within 30 days of finalization of Bid.

- 8.3 Earnest money will be forfeited, if:
- A Bidder withdraws his Bid during its validity period specified in the proposal.
 - A successful Bidder fails to sign contract agreement within the date specified by the BERC.
 - A successful Bidder fails to furnish performance security as mentioned under clause 18 hereinafter.

9.0 TECHNICAL BID:

9.1 The Technical Bid (Part-I) shall comprise the following:

- i) Detailed Proposal.
- ii) Manpower details along with qualifications, experience and curriculum vitae of key personnel/personnel for the proposed assignment along with the summary of experience in prescribed format (Annexure-T-1)
- iii) Details of relevant experience in prescribed format (Annexure-T-2 and T-3)
- iv) Copies of Company's Registration / Partnership Deed and Copies of Memorandum of Association and Articles of Association in case of Company for the purpose of this Bid.
- v) Details of resources and tie-up in prescribed format (Annexure-T-4).
- vi) Proposed Methodology/Approach for determination of Truing up, APR, ARR, Tariff Determination, wheeling charges, open access and sharing of transmission charges (Annexure-T-5A, T-5B, T-5C, T-5D, T-5E, T-5F, T-5G, T-4H, T-5I, T-5J, T-5K, T-5L, T-5M, T-5N & T-5O)
- vii) Copy of PAN.
- viii) Copy of Service Tax registration certificate.
- ix) Activity Schedule (Annexure-T-6)
- x) Details of exceptions and deviations from Terms and Conditions of RFP in prescribed format as per Annexure-T-8
- xi) Letter of authorization for authorized signatory from a person not less than the rank of Director of the Company.
- xii) Comments and suggestions of bidders on Scope of Work and Data, Services and Facilities to be provided as per Annexure-T-10

9.2 Indication of price in Technical Proposal shall lead to outright rejection of Bid.

10.0 FINANCIAL BID:

10.1 The Financial Bid shall include consultancy fees for the work as mentioned under Section 2. "Scope of work".

10.2 The Bidder should quote the cost of work separately in respect of BSPTCL&SLDC, BGCL, North Bihar Power Distribution Co. Ltd. (NBPDC) and South Bihar Power Distribution Co. Ltd. (SBPDCL) including all Taxes. The break-up of manpower and

other costs as well as summary costs for the work under Scope of Work in Indian Rupees as per Annexe-F2, F3 & F4 shall be submitted separately for each company.

10.3 Tax deduction at source shall be made from the amount payable to the consultant as per Income Tax Act and GST Act.

11.0 VALIDITY OF BID:

11.1 The Bid Proposal shall be valid for a period of 120 days from the last date of Bid submission.

12.0 PREPARATION COST:

12.1 The Bidder shall be responsible for all the costs associated with the preparation of the bid and participation in discussions and negotiations.

13.0 DUE DATE:

13.1 The Bidder shall submit the Bid proposals latest **by 15.00 Hrs. of 21.09.2020** at the following address:

Secretary, Bihar Electricity Regulatory Commission,
Ground Floor, Vidyut Bhawan-II,
J. L. Nehru Marg (Bailey Road), Patna 800 021.

BERC may at its discretion, extend the deadline for submission of BID.

13.2 The Bidder has the option of sending Bid by registered post /courier or submits it in person. Bid submitted by telex / telegram / fax shall not be considered under any circumstances. BERC takes no responsibility for any delay, loss or non-receipt of bids sent by post/courier / or other means.

13.3 Bids received after the due date and time shall not be considered.

14.0 OPENING OF TECHNICAL BID:

14.1 The Part-I i.e. Technical Bids shall be opened at 16.00 Hrs. on the last date of submission of bid in the Secretariat of Commission by a Committee constituted by the Commission for this purpose in presence of the Bidders or their authorized representatives, whosoever may be present.

15.0 EVALUATION CRITERIA:

15.1 Proposals will be evaluated on the basis of the technical and financial bids. Technical bids shall be evaluated first. The financial bids of bidders who have secured minimum qualifying score in the evaluation of technical bids shall only be opened which will be considered as responsive bids.

15.2 Responsive Bids shall only be taken up for evaluation of financial bids.

15.3 EVALUATION OF TECHNICAL BIDS:

15.3.1 The Commission shall constitute the Consultancy Evaluation Committee (CEC) comprising the Secretary, an Officer from finance, an Officer having knowledge in the

area of work for which the consultancy services are to be obtained and, if considered necessary, an external expert, as may be nominated by the Chairman.

- 15.3.2 The CEC shall evaluate the bids through 'Combined-Quality-Cum-Cost-Based System' based on predetermined-weightages allocated for each of the parameters.
- 15.3.3 Provided that the CEC shall not proceed with evaluation of bids, unless at least three bids have been received.
- 15.3.4 Provided further that the condition of three bids may be relaxed with the prior approval of the Commission in case adequate numbers of bids are not received.
- 15.3.5 Evaluation of technical bids will be done by the CEC taking into account the criteria fixed by the Commission. Each criterion shall be marked on a scale of 1 to 100 and then the marks for each criterion shall be weighted to arrive at weighted average technical scores. Marks as under will be used by the CEC to calculate the weighted average technical score for each proposal.

Criterion	Marks
(i) Consultant's Relevant experience for the assignment (in terms of length of experience and no. of assignments)	25
(ii) Adequacy/quality of the proposed work plan and its methodology proposed	10
(iii) Qualification, competence and experience in the relevant field of the key personnel proposed for the assignment. General qualification- 25 Adequacy for assignment(no. of relevant assignments handled)- 25 Indian experience- 5	55
(iv) The extent of transfer of knowledge to staff of the Commission	10
Total	100

- 15.3.6 The proposal shall be evaluated on the following basis:
- 15.3.7 Consultant's (Consultancy Firm/Agency/Institution) relevant experience for the assignment: Experience in the relevant field and number of relevant completed assignment within specified period only.
- 15.3.8 General qualification of the individual proposed to be engaged: General education/ Higher education/ Special education.
- 15.3.9 Adequacy for the assignment: Experience in the relevant field and number of relevant completed assignment within specified period only.
- 15.3.10 Indian experience: Knowledge of the administrative system, organization and culture (in India).
- 15.3.11 The bidders who have secured minimum 60(sixty) Marks in technical evaluation as per criteria laid down above shall be shortlisted.
- 15.3.12 After the technical evaluation is completed, the Commission shall inform those consultants who did not obtain the minimum qualifying marks in technical evaluation or

whose technical bids were considered non-responsive to the terms of reference and their financial proposal will be returned unopened after completing the selection process.

15.4 **Financial Evaluation:**

15.4.1 Those consultants who secure the minimum qualifying marks in the technical evaluation shall be informed about the date and time of opening of financial proposals giving time of not less than 7 days for the consultant to be present at the opening, if they so desire.

15.4.2 The financial proposals of technically qualified consultants will be opened by CEC in the presence of consultants or their representatives who are present. The proposed prices shall be read aloud and recorded in the proceedings.

15.4.3 The proposal with lowest quoted total price will be given a financial score of 100 and other financial proposals shall be given financial scores that are inversely proportional to their quoted prices.

$$\text{e.g. Financial score of firm A} = 100 \times \frac{\text{LQP}}{(\text{QP})_A}$$

Where LQP = Lowest quoted price and

$(\text{QP})_A$ = Quoted price of firm A

15.5 **Evaluation of financial and technical scores :**

15.5.1 The total score shall be obtained by weighting the technical and financial scores and adding them. The weight given to the technical and financial proposals are

Technical Proposal : 0.7

Financial Proposal : 0.3

16.0 **Negotiation :**

16.1 The bidder scoring the highest combined score shall be invited for negotiation. The aim is to reach an agreement on all points and finalize the draft contract.

16.2 Negotiation will include discussion on the proposed methodology, work plan, staffing, activities chart, period to be spent in the field and in the home office, staff and material logistics, and reporting as also the inputs required to ensure satisfactory implementation of the assignment, but will not include negotiation on financial bid.

16.3 In the event of the successful bidder not responding to negotiation/clarification as required for the finalization of the bid, the Commission shall reserve the right to reject the proposal and forfeit the security.

16.4 The Commission may require specific assurances from the consultant that the key member of the team members mentioned in the proposal will be actually available for the assignment and no such member of the team can be changed without prior consent of the Commission and in case Commission is not satisfied with the working of any member of the team he shall be replaced by the consultancy firm with the approval of the Commission. At least one member of team shall remain available with Commission

at BERC office Patna after fifteen days from the date of receipt of the tariff petition and till the pronouncement of tariff orders.

17.0 Award of Contract:-

17.1 The successful consultant shall be required to execute a Contract Agreement within the time limit specified in the RFP.

17.2 The consultant shall be engaged after obtaining approval of the Commission.

17.3 Failure on the part of successful bidder to execute Contract Agreement within the time schedule as specified by the Commission may lead to cancellation of the bid and forfeiture of bid security.

18.0 Performance Security:- The successful bidder shall have to deposit performance security in shape of irrevocable Bank Guarantee for 10% of the total value of work valid for a period from the date of contract agreement till six months after completion of the contract, after which it shall be released.

19.0 TERMS OF PAYMENT:-

19.1 The terms of payment shall be as under:

Payment for the consultancy services rendered related to work detailed at para 22 of Section 2 shall be made in four (4) installments as detailed under:

- (i) First installment of 20% will be payable after completion of verification of the petition(s) filed by the petitioners namely BSPTCL&SLDC, BGCL, , SBPDCL and NBPDCCL companies for trueing up of the ARR for FY 2019-20 and Annual Performance Review (APR) of FY 2020-21 and tariff petition for the FY 2021-22. Further the information/data included in the petition has been examined and shortcomings/ deficiencies identified and additional information/ data required are submitted.
- (ii) Second installment of 20% will be payable after completion of power purchase bills of True up (previous year) and half year of current year have been checked and verified in respect of power purchase cost and quarterly claimed and the suggestion/ objections on the tariff petition (s) received from stakeholders and public have been categorized, analysed and processed before public hearings at divisional levels of the State.
- (iii) Third installment of 50% will be payable after the draft report on particulars of petitions, public hearings at various divisional levels and comments/objections, assessment of aggregate revenue requirement of the relevant years and recommendations/ suggestions on various aspects for tariff setting submitted to the Commission and the ARR for FY 2021-22 and tariff structure finalized for FY 2021-22 and

- (iv) The fourth and last installment of 10% will be payable after one hundred twenty (120) days from the date of issue of the tariff order (s) if there is no appeal is pending pertaining to such consultancy services.
- (v) TDS will be deducted as per provision of Income Tax Act as well as GST-TDS will also be deducted as per provision of GST Act.

20.0 CONFIDENTIALITY:-

20.1 The successful bidder shall maintain secrecy of all sources / information / data connected with the project. The successful BIDDER shall furnish bond of confidentiality of data / information handed over to them or processed by them for undertaking the consultancy job.

21.0 MISCELLANEOUS:-

21.1 The successful bidder shall have to submit the required papers / reports / studies in hard copy as well as soft copy in six copies.

21.2 The successful bidder shall be required to open a temporary office in Patna for the duration of the consultancy or for a period as may be mutually agreed and all the key personnel should be available during the analysis of ARR and tariff determination and also in drafting of the tariff order till the final tariff order is issued. The Commission will provide space in the Commission office for working of the Consultant but all logistics support will be borne by the consultant.

21.3 From the time of opening of Bid and till its finalization, no correspondence of any type shall be entertained, unless called for by BERC. Any type of uncalled for clarifications on prices and / or rebates shall not be accepted. Unilateral correspondence / clarification / rebate / additions etc. from bidder side may lead to cancellation of bid.

21.4 In the event of failure of consultant to execute the work under contract agreement within the specified time schedule, BERC may consider to get the work done at the risk and cost of the consultant and may also impose penalty as the Commission may deem fit in the matter.

21.5 BERC may allot the work as detailed in “scope of work” under section-2 of the RFP to different bidders, or may allot part of the work to different bidders in case the Commission considers it appropriate.

21.6 The consultant shall have to provide assistance in case of review petition and/ or appeal on the said order(s).

21.7 The consultant shall have to engage as many teams as numbers of petitions.

21.8 The team leader shall have to be present in BERC as and when called for interaction.

21.9 Penalty

21.9.1 In case of failure to complete various tasks listed in the RFP (Section-2 Scope of Work) or failure to complete the assignment in time to the satisfaction of BERC or for not

making available the services of any individual professional committed by the Consultant and /or any contravention of the covenants of the Contract, an amount proportionate to the incomplete work and /or an amount as determined by the Commission for delay in completion of the assignment, or such contravention shall either be recovered from the payable professional fee or by invoking Bank Guarantee.

21.9.2 Non compliance of para 16.4 of RFP shall also attract following penalty:

21.9.2.1 If the team member who is supposed to be available before the Commission after fifteen days from the date of receipt of the tariff petition and till the pronouncement of tariff orders is not available at BERC office Patna then a proportionate amount as computed below would be deducted:

Deductible amount= Average manpower cost per member as per RFP proposal X
Number of days of absence /Seventy five days.

21.9.2.2 If suitable replacement of team member is not made available by Consultancy Firm with prior approval of the Commission then manpower cost of that member as per RFP proposal shall be deducted from the total contract value.

21.9.3 Non compliance of para 3 of RFP shall also attract following penalty:

If the key team member (Except the member who is supposed to be available at BERC office, Patna after fifteen days from the date of receipt of the tariff petition and till the pronouncement of tariff orders) is not available in the BERC office, Patna as per committed time schedule then the manpower cost as per RFP shall be deducted from total contract value proportionate to days of absence.

21.10 Any dispute in connection with the BID shall be subject to jurisdiction of High Court at Patna.

Section-2

SCOPE OF WORK

22.0 DETERMINATION OF ARR & TARIFF

- 22.1 The Consultant shall provide assistance to the Bihar Electricity Regulatory Commission for approval of Truing up of ARR for FY 2019-20, Annual Performance Review (APR) for FY 2020-21, determination of ARR for FY 2021-22 of Bihar State Power Transmission Company Ltd. (BSPTCL) with ARR of SLDC, Bihar Grid Co. Ltd. (BGCL), North Bihar Power Distribution Co. Ltd. (NBPDC) and South Bihar Power Distribution Co. Ltd. (SBPDCL) and for the Determination of impact of truing up exercise of FY 2019-20 on the transmission tariff & SLDC charges and determination of Tariff for retail sale of electricity by the NBPDC and SBPDCL for FY 2021-22. The consultant shall also work out the Cross Subsidy Surcharge, additional surcharge, charges for wheeling of electricity and other charges at different voltage levels for long term and short term open access customers in the State for FY 2021-22.
- 22.2 The Consultant shall determine voltage-wise cost of supply taking into account the cost of power purchase and loss levels at different voltage levels of NBPDC and SBPDCL.
- 22.3 To determine the cross subsidy if any, based on cost of supply at different voltage levels of NBPDC and SBPDCL.
- 22.4 To determine the subsidy for different categories of consumers of NBPDC and SBPDCL as per the policy of the State Government.
- 22.5 The consultant shall prepare comparative chart showing tariff of different state with the state of Bihar along with different norms adopted by concerned states.
- 22.6 The Consultant shall consider the true up, APR and Tariff petition as per provision of the BERC (Terms and Conditions for determination of Tariff) Regulations, 2007, BERC (Multi Year Distribution Tariff) Regulations, 2018, BERC (Multi Year Transmission Tariff and SLDC charges) Regulations, 2018 amended from time to time and the directives given by the Commission in its tariff order for FY 2020-21. In case of any difficulties in fixation of norms the same shall be discussed with the Commission.

23.0 RESPONSIBILITIES OF CONSULTANTS:

The consultant will assist the Commission in :-

- 23.1 Detailed analysis of the tariff petition(s) and evaluation of Aggregate Revenue Requirement (ARR) for relevant years of FY 2019-20 for truing up, FY 2020-21 for annual performance review, Determination of ARR for of FY 2021-22 of BSPTCL& SLDC, BGCL, NBPDC and SBPDCL and for determination of transmission tariff, SLDC charges and tariff for retail sale of electricity by the NBPDC and SBPDCL for FY 2021-22 in accordance with BERC (Terms and Conditions for determination of Tariff) Regulations, 2007, BERC (Multi Year Distribution Tariff) Regulations, 2018 and BERC

(Multi Year Transmission Tariff and SLDC charges) Regulations, 2018 which inter-alia include the following duties:

- (i) Examination of petition of each companies for its compliance with the RFP document, Act, Rules and Regulations and accepted accounting principles and its completeness and prepare abridged form of the petition to be published in newspapers inviting suggestions/objections from stakeholders and general public.
 - (ii) Study, verification, analysis and authentication from the documents in respect of the data and information submitted by the petitioner(s) in its tariff petition(s) and further information as may be required, including but not limited to the following: -
 - (a) Income and Expenditure Statements.
 - (b) Demand and Sales Forecasts.
 - (c) Generation and power purchase/sale plans with details of grants and consumers contribution.
 - (d) Investment and financing plans.
 - (e) Aggregate Revenue Requirement (ARR).
 - (f) Value of fixed assets, depreciation, consumers' contribution, interest charges on working capital and other related expenses.
 - (g) Computation of generation cost, cost of power purchased, (with details of capacity charges and energy charges) transmission and distribution costs and cost to serve.
 - (h) Computation of cross subsidies.
 - (i) Determination of subsidy requirement from State Government taking into consideration the directives of the State Government, if any, in this regard.
 - (j) Tariff design (with details of fixed/demand charge and energy charge) and cost allocation issues
 - (k) Verification of Energy Audit results and interface wise power purchase and circle wise energy sold to consumers.
 - (l) Transmission charges, wheeling charges and cross subsidy surcharge etc for Open Access consumers.
 - (m) Resource gap grants from the State Government and its utilization.
- 23.2 Checking and authentication of information/data submitted by the petitioner(s) in the tariff petition(s) and listing of shortcomings, additional information required, if any, for ARR and Tariff setting.
- 23.3 Examining whether the expenditure has been prudently and judiciously incurred / estimated and to indicate to the Commission the items which should be disallowed along with reasons thereof.
- 23.4 Examining whether the actuals / estimates for Revenue Requirements with reference to existing tariff are reasonable and accurate, analysis of aggregate revenue requirement on the basis of the norm specified by the Commission in Tariff Regulations for MYT, and to point out areas of deficiency, if any, in this regard.

- 23.5 Analysis of present level of tariff of the petitioner and comparison with the tariffs of other transmission companies including SLDC and Discoms of the various states in the neighboring and other similarly situated States and to be submitted to the Commission duly bound in six hard copies and soft copy separately each for transmission and distribution company.
- 23.6 Scrutiny and analysis of the information/data relating to transmission and Distribution Companies for three financial years to be submitted by the petitioner(s), verification and validation of the same and on the basis of that estimate the data for the FY 2021-22.
- 23.7 Estimation of energy losses in the network of the Transmission company and Discoms for each voltage level i.e. 220KV, 132KV, 33KV, 11KV and L.T.; Comparison with neighboring/other similarly situated States. Trajectory for reduction of losses in the control period and next years of control period as the Commission may direct.
- 23.8 Determination of voltage-wise cost of supply to all categories of consumers connected at the same voltage level and also to determine the cross subsidy based on cost of supply of different voltage levels for the control period.
- 23.9 Review of Cost allocation methodologies being followed by other States and recommend the approach appropriate in the present context.
- 23.10 Analysis of the suggestions/objections received in response to publication of tariff petition in newspaper and to attend the public hearings at all the divisional levels in the State and to analyze the suggestions/objections made during the public hearings and replies submitted by the petitioner thereon. Preparation of analysis and observation on behalf of the Commission on all the suggestions/objections.
- 23.11 Feedback on the tariff hearings and to attend public hearings and submit brief of the deliberation, including legal aspects, to the Commission on all suggestions/objections/replies thereon.
- 23.12 Verification of Energy Audit/Energy Accounting Results and validation, scrutiny and analysis of data used in the Tariff petition by the Discoms to be submitted to the Commission duly bound in six hard copies and softcopy at least fifteen days before issue of the tariff order.
- 23.13 Summarising the suggestions of the State Advisory Committee and analyze them with respect to the tariff proposal(s).
- 23.14 Working-out year-wise aggregate revenue requirement for FY 2019-20 on the basis of audited annual accounts and for FY 2020-21 on the basis of revised estimated (RE) and for FY 2021-22, taking into account information supplied by the petitioner, objections received, replies submitted by the petitioner in accordance to provision/guidelines of the Electricity Act, 2003 and BERC Regulations and as per scrutiny and analysis of data used in the tariff petition authenticated from record. The calculation sheet of ARR should

- be invariably in excel so that with change in any figure the ARR should change automatically.
- 23.15 View of the Commission on the objections/suggestions of the stakeholders and public on the tariff petition and response of the petitioner on these objections/suggestions.
- 23.16 Determination of category-wise tariffs for consumer for FY 2021-22 and working out revenue on excel sheet on the existing tariff and proposed tariff preparation of detailed draft tariff order and tariff schedules of the petitioner(s).
- 23.17 Fixation of wheeling charges for different categories of consumers.
- 23.18 (a) Examination of expenses and revenues of transmission companies along with SLDC and Discoms for the financial year 2019-20 on the basis of audited annual accounts or adopted annual accounts, compared to the data considered in the tariff order and true up exercise of the expenses and revenue approved by the Commission for FY 2019-20.
(b) Review of the cost and expenditure and revenue for carrying out Annual Performance Review (APR) in terms of BERC Tariff Regulations, 2007, BERC (Multi Year Distribution Tariff) Regulations, 2018 and BERC (Multi Year Transmission Tariff and SLDC charges) Regulations, 2018 and compared to the figures considered in its tariff order for FY 2020-21.
- 23.19 Analysis of the compliance report on various directives given to the Discoms and Transcos in Commission's tariff order dated 20.03.2020 and assist in formulating consolidated fresh directives considering the true up and APR of previous years with tariff order suggesting ways and means to improve the functioning of the petitioner(s) and consumer services.
- 23.20 The consultant shall submit to the Commission draft structure of the tariff order (Chapterisation) within 15 days of the receipt of the tariff petition to the consultant. The consultant shall submit the complete draft tariff order in six copies for discussion with the Commission for finalization and issue of the Tariff order.
- 23.21 The Consultant will participate in discussions with the Commission or its officials / consultants in connection with the exercise with determination of ARR and tariff.
- 23.22 Finalisation of tariff order by the Commission. Submission of six copies of final tariff order duly bound hard copy and also in the soft copy.
- 23.23 Clarification on tariff order if sought by the petitioner or any other stakeholder after the issue of tariff order.
- 23.24 In case of filing of any review petition before the Commission or appeal/ writ by any person against tariff order to Appellate Tribunal or in any Court of law; the consultant shall assist and furnish the materials to the Commission for preparing reply on the points of review/appeal/writ, as the case may be.
- 23.25 Any other job incidental to the tariff determination process as per the Electricity Act, 2003; Rules thereunder and BERC Regulations.

23.26 Any other related work deemed necessary by the Commission for determination of ARR and Tariff setting.

24.0 TIME SCHEDULE;

24.1 The work of analysis of ARR & Tariff determination of each company as detailed at para 22 of section 2 shall be completed within ninety (90) days from the date the tariff petition(s) is/are made available to the consultant.

Annexure: T-1

I. TEAM COMPOSITION AND TASK SCHEDULE PROPOSED FOR ASSIGNMENT

(Team Composition should only include the names of the team leader, supportive expert member and person engaged for petitions of each company who would actually execute the work). The names of administrative person such as Director etc. who will not provide considerable working days in the Commission should not be indicated.

A. Team Leader

Name	Age	Position	Task proposed	Committed Time Schedule at BERC office (in days/week)

B. Details of supportive expert members (Technical/Finance/Legal)

Name	Age	Position	Task proposed	Committed Time Schedule at BERC office (in days/week)

C. Details of person engaged for petitions of each Companies

Name	Age	Position	Task proposed	Committed Time Schedule at BERC office (in days/week)

II. (i) DETAILS OF EXPERIENCE OF THE TEAM LEADER IN RESPECT OF ANALYSIS AND EVALUATION OF ARR AND TARIFF PETITION ON BEHALF OF CERC/SERCs/JERC OR UTILITIES .

Sl No.	Designation/ Position	Name	Key Qualification & Membership in Professional Societies	Experience in State Electricity Regulatory Commissions / power utility in India	Details of task assigned	Date of start and completion of work

Curriculum Vitae of team leader should be attached

(ii) Summary of experience of Team Leader as elaborated in point II (i) of Annexure T-1

Particulars	Assignment related to petition for determination of ARR and Tariff for retail sale of electricity either on behalf of distribution utility or on	Assignment related to Preparation of petition for Transmission tariff on behalf of utility or CERC/ SERC /JERC	Remarks

	behalf of SERC/JERC on MYT principle		
Number of job experience during financial year 2014-15 to 2019-20			
Page no. of document submitted in compliance of point no. II (i) of Annexure T-1			
Time with consulting firm (In Year)			

III.(i) DETAILS OF EXPERIENCE OF THE SUPPORTIVE EXPERT MEMBERS (TECHNICAL/FINANCE/LEGAL) IN RESPECT OF ANALYSIS AND EVALUATION OF ARR AND TARIFF PETITION ON BEHALF OF CERC/SERCs/JERC OR UTILITYs WHO WILL UNDERTAKE THE JOB.

SI No.	Designation/ Position	Name	Key Qualification & Membership in Professional Societies	Experience in State Electricity Regulatory Commissions / power utility in India	Details of task assigned	Years-with firm Date of start and completion of work

Curriculum Vitae of each supportive expert member should be attached

(ii) Summary of experience of supportive expert members (technical/finance/legal) of the team who will undertake the job as elaborated in point III (i) of annexure T-1

Particulars	Assignment related to petition for determination of ARR and Tariff for retail sale of electricity either on behalf of distribution utility or on behalf of SERC/JERC on MYT principle	Assignment related to Preparation of petition for Transmission tariff on behalf of utility or CERC/ SERC /JERC	Remarks
Number of job experience during financial year 2014-15 to 2019-20			
Page no. of document			

<i>submitted in compliance of point no. I I(i)of Annexure T-1</i>			
<i>Time with consulting firm (In Year)</i>			

IV. (i) DETAILS OF PERSON ENGAGED FOR PETITIONS OF EACH COMPANIES

SI No.	Designation/ Position	Name	Key Qualification & Membership in Professional Societies	Experience in State Electricity Regulatory Commissions / power utility in India	Details of task assigned	Years with firm

Curriculum Vitae of each person engaged for petitions of each company should be attached

(ii) *Summary of experience of person engaged for petitions of each company who will undertake the job as elaborated in point IV (i) of annexure T-1*

<i>Particulars</i>	<i>Assignment related to petition for determination of ARR and Tariff for retail sale of electricity either on behalf of distribution utility or on behalf of SERC/JERC on MYT principle</i>	<i>Assignment related to Preparation of petition for Transmission tariff on behalf of utility or CERC/ SERC /JERC</i>	<i>Remarks</i>
<i>Number of job experience during financial year 2014-15 to 2019-20</i>			
<i>Page no. of document submitted in compliance of point no. IV(i)of Annexure T-1</i>			
<i>Time with consulting firm (In Year)</i>			

**Note: 1-Only five personnel shall be considered for evaluation of bids submitted by Agency which includes team leader, expert members and first member out of other person engaged for petitions of each company who will undertake the job.
2- Only date of start and completion of work mentioned within the financial year 2014-15 to 2019-20 shall be considered for evaluation of bids.**

Signature of Personnel

(Authorized Signatory)

(Name & Title of Signatory)
Name and Address of the Firm
with seal

Annexure: T-2

SERVICES CARRIED OUT IN THE FINANCIAL YEAR 2014-15 to 2019-20 (Using the format below, provide information on each reference assignment for which your firm/entity, either individually or as a corporate entity or as one of the major companies within an association, was legally contracted)

1. Name of Firm/Consultant with address. : _____

- (a) Name of assignment :

I	II	III	IV
---	----	-----	----
- (b) Location within the Country :
- (c) Name of client and address :
- (d) Name of associated consultants/ firms employed, if any :
- (e) Duration of assignment :
 (i) Start (Month/Year) :
 (ii) Completion (Month/Year) :
- (f) Approx. value in Indian Rupees :
- (g) Name of senior staff (Project Director/Coordinator/ team leader involved and functions performed.
 (i)
 (ii)
 (iii)
- (h) Professional staff employed :
 (Give profile in brief)
- (i) Narrative description of the Project clearly indicating whether work carried out on MYT framework and analysis of voltage wise cost of supply done (in brief)
- (j) Description of methodology & work plan for performing the assignment.

(Authorized Signatory)
 (Name & Title of Signatory)
 Name and Address of the Firm
 with seal

Note : (1) The services carried out and completed before 01.04.2014 should not be included.
 (2) Documentary evidence in respect of work completion such as certificate issued by the clients and the work order or contract's copy to be enclosed.

Annexure T-3**Summary of services carried out in the financial year 2014-15 to 2019-20**

(Using the format below, provide information of assignment for which your firm/entity, either individually or as a corporate entity or as one of the major companies within an association, was legally contracted)

Particulars	Assignment related to petition for determination of ARR and Tariff for retail sale of electricity either on behalf of distribution utility or on behalf of SERC/JERC on MYT principle	Assignment related to Preparation of petition for Transmission tariff on behalf of utility or CERC/ SERC /JERC	Remarks
Number of job experience during financial year 2014-15 to 2019-20			
Page no. of document submitted in compliance of Annexure T-2			

(Authorized Signatory)
 (Name & Title of Signatory)
 Name & Address & Seal of the Firm
 with seal

ANNEXURE -T-4

DETAILS OF RESOURCES AVAILABLE AND TIE UP WITH EXPERT AND OTHER PROFESSIONAL BODIES.

Sl.No.	Item of work	Details of Resources /tie up


(Authorized Signatory)
(Name & Title of Signatory)
Name & Address & Seal of the Firm
with seal

METHODOLOGY FOR EVALUATION OF AGGREGATE REVENUE REQUIREMENT FOR FY 2021-22 OF DISTRIBUTION COMPANY (NBPDCL&SBPDCL) AND ITS IMPACT ON TARIFF FOR RETAIL SALE OF ELECTRICITY TO THE CONSUMER FOR FY 2021-22.



Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

**METHODOLOGY FOR ANNUAL PERFORMANCE REVIEW (APR) FOR FY 2020-21 OF
DISTRIBUTION COMPANY (NBDCL&SBPDCL)**



Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

**METHODOLOGY FOR TRUING UP OF ARR OF DISTRIBUTION COMPANY
(NBPDC&SBPDCL) AND ITS IMPACT ON TARIFF FOR RETAIL SALE OF ELECTRICITY
TO THE CONSUMER FOR FY 2021-22.**



Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

**THE BIDDER SHOULD EXPLAIN THE METHODOLOGY FOR RETAIL TARIFF,
RATIONALIZATION, PRINCIPAL AND DESIGN FOR TARIFF SETTING FOR DIFFERENT
CATEGORIES OF CONSUMER INDICATING EXTENT OF CROSS SUBSIDY**



Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

**METHODOLOGY FOR DETERMINATION OF WHEELING CHARGES FOR DIFFERENT
VOLTAGE LEVEL.**



Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

Annexure-T- 5F

METHODOLOGY FOR DETERMINATION OF OPEN ACCESS CHARGES. IT SHOULD BE RATIONAL SO THAT COST OF DELIVERED POWER (FROM SOURCE OTHER THAN WITHIN THE STATE) IS COMPARABLE TO RETAIL TARIFF.

Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

**METHODOLOGY FOR VERIFICATION OF VOLTAGEWISE COST OF SUPPLY AND
COMPUTATION INCLUDING UNMETERED SALES AND REVENUE OF SALE OF ENERGY.**



Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

THE BIDDER SHOULD EXPLAIN THE METHODOLOGY FOR VERIFICATION OF ENERGY ACCOUNTING/ENERGY AUDIT RESULTS OF THE NBPDC AND SBPDCL AND SCRUTINY AND ANALYSIS OF DATA SUBMITTED IN THE TARIFF PETITION(S).

Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

**METHODOLOGY FOR EVALUATION OF AGGREGATE REVENUE REQUIREMENT FOR FY
2021-22 OF TRANSCOS (BSPTCL AND BGCL).**



Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

**METHODOLOGY FOR ANNUAL PERFORMANCE REVIEW (APR) FOR FY 2020-21 OF
TRANSCOS (BSPTCL AND BGCL).**



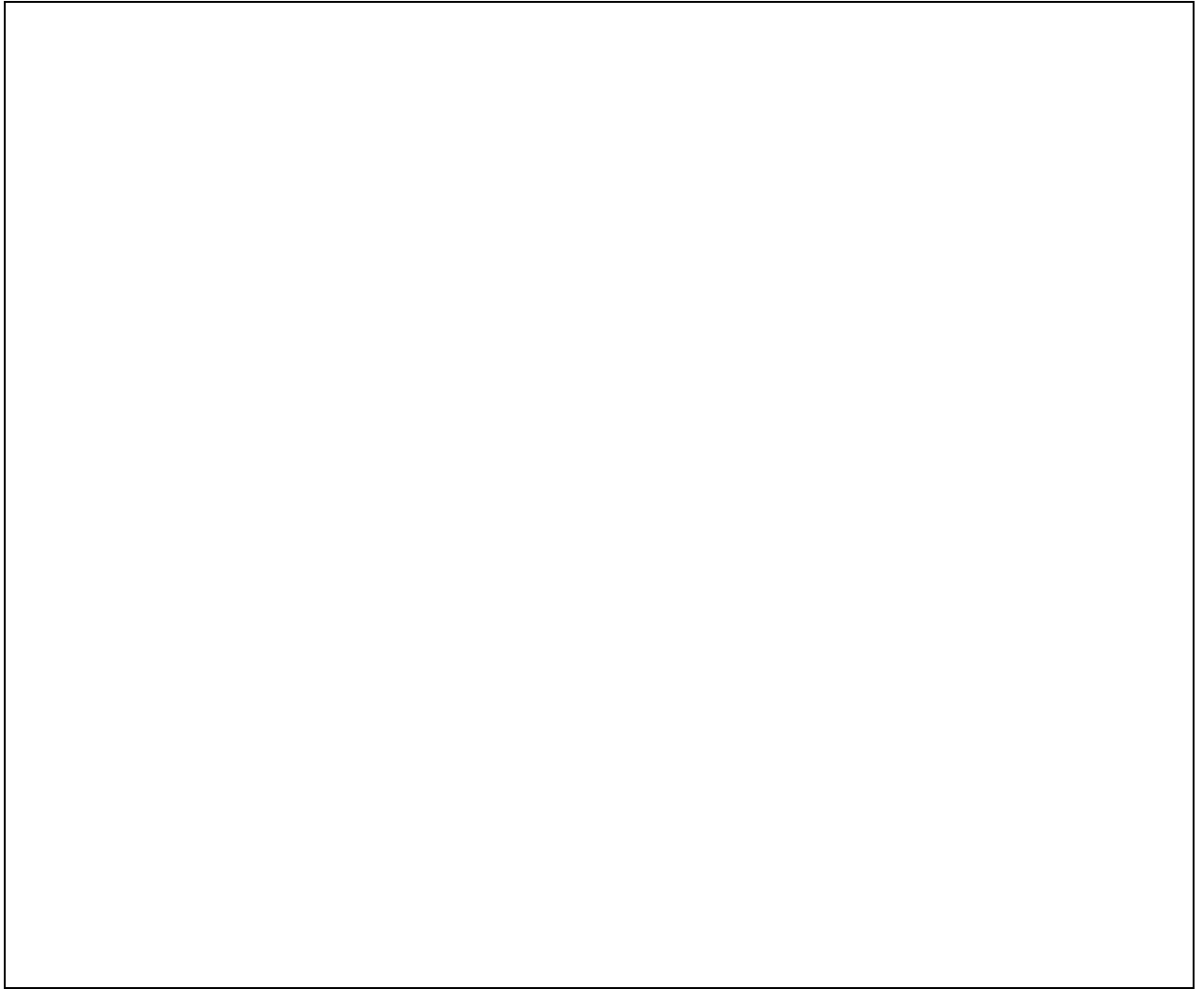
Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

METHODOLOGY FOR TRUING UP OF ARR FOR FY 2019-20 OF TRANSCOS (BSPTCL AND BGCL) AND ITS IMPACT ON TRANSMISSION CHARGES FOR FY 2021-22.



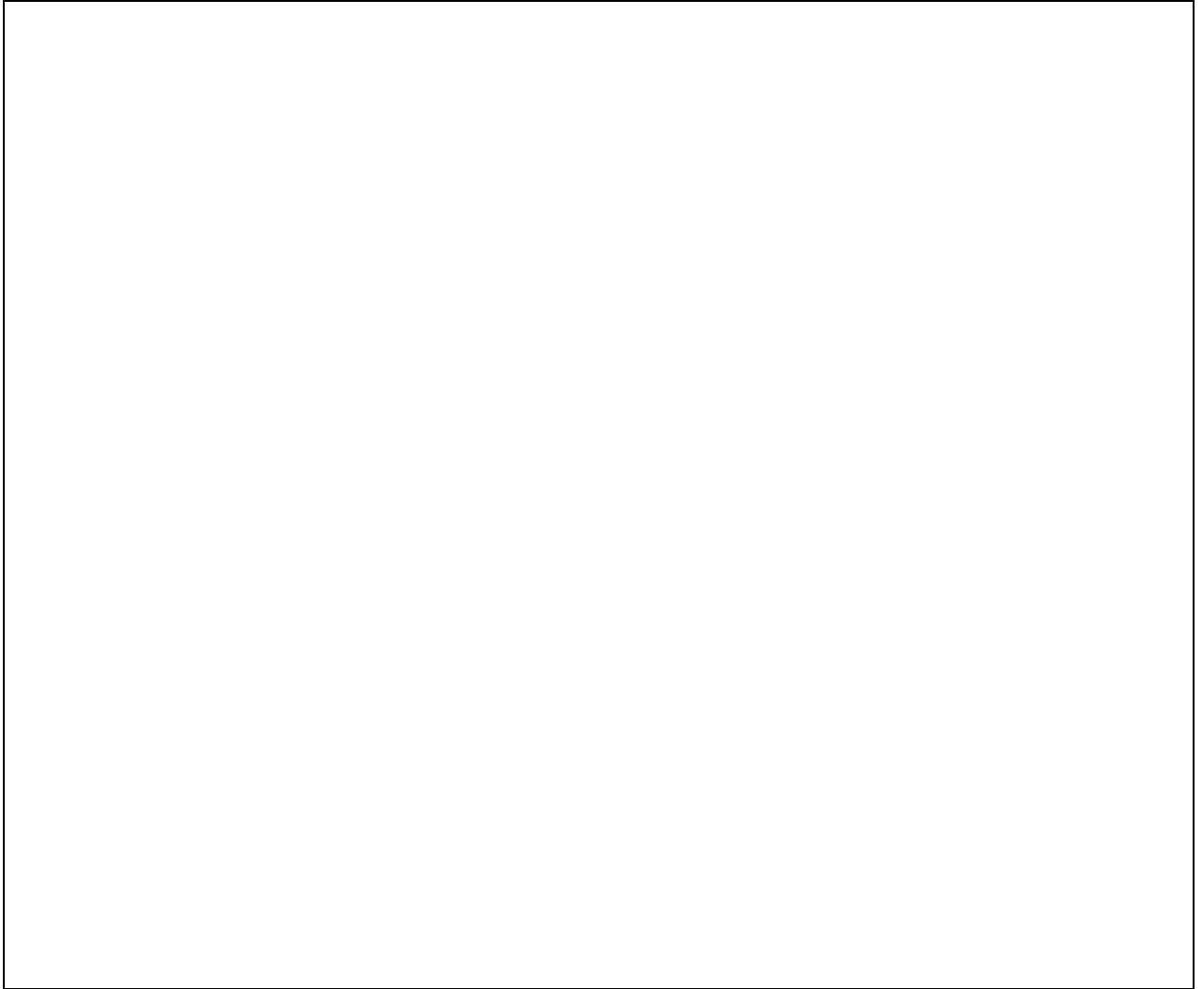
Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

METHODOLOGY FOR SHAIRING OF TRANSMISSION CHARGES.



Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

**METHODOLOGY FOR EVALUATION OF AGGREGATE REVENUE REQUIREMENT FOR FY
2021-22 OF SLDC.**



Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal


**METHODOLOGY FOR ANNUAL PERFORMANCE REVIEW (APR) FOR FY 2020-21 OF
SLDC.**



Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

Annexure-T- 5 O

**METHODOLOGY FOR TRUING UP OF ARR FOR FY 2019-20 OF SLDC AND ITS IMPACT
ON TRANSMISSION CHARGES FOR FY 2021-22.**



Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

ACTIVITY (WORK) SCHEDULE

Assumed Zero Point : _____

TASK	Completion Date with reference to assumed zero date
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	

(Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

CHECK LIST

This check list is only to assist the bidder in preparing the bid document and covers only certain important items required for evaluation of proposal and is not exhaustive. It is the responsibility of the bidder to ensure that the bidders submit all necessary data / information as called for in the RFP document. Please attach index for the important information sought in RFP to locate easily.

Please tick to ensure compliance.

1. Whether Mode of participation by the bidder is as a single bidder ?
2. Whether the Bid Document is in English language?
3. Whether requisite cost towards RFP document and bid security for proposal in appropriate form has been enclosed?
4. Has the Bid been submitted in three sets?
5. Whether the following documents have been submitted with the proposal?
 - a) Exception and Deviation Schedule (Annexure –T-7)
 - b) Experience of company and its team and man days proposed (Annexure T-1, T-2 and T-3)
 - c) Profile of the Company
 - d) Details of the structure of the company for implementation of the task under reference as well as Memorandum of Association and Articles of Association, Certificate of Incorporation.
6. Whether the following details have been submitted?
 - a) Note indicating approach work plan and methodology for determination of Truing up, APR, ARR, Tariff determination, wheeling charges, open access& showing transmission charges (Annexure T-5A to T-5O).
 - b) Schedule of Activities (Annexure T-6)
 - c) Services that shall be available for a period of six months after the completion of work
7. Whether Technical Proposal and Financial Proposal for the transmission companies, SLDC and the two Distribution companies have been placed in a separate sealed envelopes with proper subscription
8. Whether the three sealed envelopes of Bid have been placed in a sealed packet with subscription as per clause 7.5
9. Whether a list of document, data, brochures etc. submitted in support of the claims mentioned in the BID has been enclosed?
10. Whether the authorized signatory has signed each page of the Bid?

(Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

PROPOSAL SUBMISSION FORM

No. _____ Date: _____

To

The Secretary
 Bihar Electricity Regulatory Commission,
 Vidyut Bhawan - II
 J.L. Nehru Marg (Bailey Road), Patna - 800 021

Sir,

Sub: For providing consultancy services to BERC for approval of Truing up of ARR of FY 2019-20, Annual Performance Review for FY 2020-21, and determination of ARR for FY 2021-22 of Bihar State Power Transmission Company Ltd. (BSPTCL) & SLDC, Bihar Grid Co. Ltd. (BGCL), North Bihar Power Distribution Co. Ltd. (NBPDC) and South Bihar Power Distribution Co. Ltd. (SBPDCL) and for the transmission tariff of BSPTCL, SLDC charges Tariff and for retail sale of electricity of the NBPDC and SBPDCL for 2021-22.

With reference to the Bid documents we, the undersigned, having examined the Bid Documents (insert numbers.....), including Addenda (Nos.....), hereby offer to provide the consultancy services for analysis of tariff proposal and preparation of final tariff order on the Tariff petition filed by BSPTCL & SLDC, BGCL, NBPDC and SBPDCL for the FY 2021-22.

2.0 Attachments to the Proposal Submission Form:

In line with the requirement of the Bid Documents, we enclose herewith the following attachments to the Bid Form:

a. Attachment 1:

- (i) Tender document fee Rs. 10,000/- (Rupees ten thousand) (Demand draft No..... dated..... Drawn in favour of Bihar Electricity Regulatory Commission payable at, Patna.
- (ii) Earnest Money of Rs. 50,000/- (Rupees fifty thousand) in the shape of Demand Draft No. _____ dated _____ drawn in favour of the Bihar Electricity Regulatory Commission, payable at Patna.

b. Attachment 2:

Power of attorney duly notarized by a Notary indicating that the person(s) signing the bid document have the authority to sign the bid and that the bid is binding upon us during the full period of its validity.

3.0 We are also submitting our proposal, which includes the "Technical Bid" and the "Financial Bid" in separate sealed envelopes. Authorized signatory has signed each page of the proposal.

4.0 We certify that we have not in any way been participating in preparation of tariff proposal of the BSPHCL, BSPTCL & SLDC, BGCL, NBPDC and SBPDCL required to be submitted to the Commission.

5.0 Until a formal contract is prepared and executed between us, this bid, together with your written acceptance thereof shall constitute a Bid contract between us.

6.0 We understand that you are not bound to accept any bid, you may receive.

7.0 We, hereby, declare

- (i) that only the persons or firms interested in this proposal as Principals are named here and that no persons or firms other than those mentioned herein have any interest in this proposal or in the contract to be entered into, if the award is made on us,
- (ii) that this proposal is made without any connection with any other person, firm or party,
- (iii) that submitting a proposal is in all respects for and in good faith, without collusion or fraud.

Thanking you,

Dated thisday of.....

Yours faithfully,

(Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

(Bidders may note that no prescribed proforma has been enclosed for Power of Attorney and Bidders may use their own proforma for furnishing the required information with the Bid.)

ANNEXURE – T-10

COMMENTS AND SUGGESTIONS OF BIDDERS ON THE SCOPE OF WORK AND ON DATA, SERVICES AND FACILITIES TO BE PROVIDED BY THE CLIENT

(A) On the Scope of work

- 1.
- 2.
- 3.
- 4.
- 5.

(B) On the data, services and facilities to be provided by the client.

- 1.
- 2.
- 3.
- 4.
- 5.

(Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

FINANCIAL PROPOSAL SUBMISSION FORM

No.

Date:

To,

Secretary
 Bihar Electricity Regulatory Commission
 Vidyut Bhawan - II
 J.L. Nehru Marg (Bailey Road),
 Patna – 800 021

Sub: For providing consultancy services to BERC for approval of Truing up of ARR of FY 2019-20, Annual Performance Review for FY 2020-21, and determination of ARR for 2021-22 of Bihar State Power Transmission Company Ltd. (BSPTCL) & SLDC, Bihar Grid Co. Ltd. (BGCL), North Bihar Power Distribution Co. Ltd. (NBPDC) and South Bihar Power Distribution Co. Ltd. (SBPDCL) and for the transmission tariff of BSPTCL, SLDC charges Tariff and for retail sale of electricity of the NBPDC and SBPDCL for 2021-22.

Sir,

We, the undersigned, offer our financial proposal to provide the consultancy services as per tender No... dt..... for approval of Truing up for FY 2019-20, Annual Performance Review for FY 2020-21, determination of ARR for 2021-22 of Bihar State Power Transmission Company Ltd. (BSPTCL) & SLDC, Bihar Grid Co. Ltd, North Bihar Power Distribution Co. Ltd. (NBPDC) and South Bihar Power Distribution Co. Ltd. (SBPDCL) and for the Determination of Tariff for retail sale of electricity by the NBPDC and SBPDCL, transmission tariff of BSPTCL, Operating charges of SLDC, for FY 2021-22 in accordance with your Bid Documents (RFP) and our Technical Proposal. Our attached Financial Proposal is

- (i) Rs. _____ for approval of Truing up for FY 2019-20, Annual Performance Review for FY 2020-21, determination of ARR for the FY 2021-22 and transmission tariff for FY 2021-22 of BSPTCL & SLDC taking into accounts the impact of truing up exercise for FY 2019-20 of Bihar State Power Transmission Company Ltd. (BSPTCL) & SLDC.
- (ii) Rs. _____ for approval of Truing up for FY 2019-20 Annual Performance Review for FY 2020-21 and determination of ARR for 2021-22 and transmission tariff for FY 2021-22 of BGCL taking into accounts the impact of truing up exercise for FY 2019-20 of Bihar Grid Company Ltd. (BGCL).
- (iii) Rs. _____ for approval of Truing up of ARR for FY 2019-20, Annual Performance Review for FY 2020-21, determination of ARR for 2021-22 and tariff for retail sale of electricity for FY 2021-22 of NBPDC taking into accounts impact of Truing up exercise of FY 2019-20 of North Bihar Power Distribution Co. Ltd. (NBPDC) wheeling charges and open access charges for the consumers for FY 2021-22.

- (iv) Rs. _____ for approval of Truing up for FY 2019-20, Annual Performance Review for FY 2020-21, determination of ARR 2021-22 and tariff for retail sale of electricity for FY 2021-22 of SBPDCL taking into accounts impact of Truing up exercise of FY 2019-20 of South Bihar Power Distribution Co. Ltd. (SBPDCL) and wheeling charges and open access charges for the consumers for FY 2021-22.

The indicated amount for each work is firm and inclusive of our professional fee, profits and all taxes and levies. No price variation and extra payment will be claimed in excess of this amount.

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the proposal. Each page of the proposal has been signed by the authorized signatory.

We understand you are not bound to accept any proposal, you receive.

(Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

BREAKUP OF MANPOWER COSTS (in Rupees)

Person's Name	No. of Weeks	Equivalent Months	Rate/ Person month	Total
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
Total (A)				

(Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

(Separately for each company)

BREAKUP OF OTHER COSTS

Expense Type	Amount (In Rs.)
Establishment Expenses	
Travel Expenses	
Communication Expenses	
Other Overheads (give details)	
(v)	
(vi)	
(vii)	
(iv)	
Total (B)	

(Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

(Separately for each company)

SUMMARY OF COSTS

Sr. No.	Costs	Amount (s) Rs.
1	Total Man Power Cost (A)	
2	Total other cost (B)	
3	Profit	
4	Total Fee (excluding taxes) (1+2+3)	
5	Applicable Taxes (Provide details) (i) (ii) (iii)	
6	Total Amount of the Bid Proposal (4+5)	

Total Amount (In words) Rupees _____)

(Authorized Signatory)
(Name & Title of Signatory)
Name and Address of the Firm
with seal

(Separately for each company)1