

Delhi Electricity Regulatory Commission



Tender

For

**Appointment of Consultants for preparation of
Cost Data Book**

MARCH 2012

Viniyamak Bhavan

C-Block, Shivalik

Malviya Nagar

New Delhi 110017

Bid For Appointment of consultants

Terms and Conditions

1.	<p>DELHI ELECTRICITY REGULATORY COMMISSION invites bids for appointment of consultant for preparation of Cost Data Book for Distribution Licensees in NCT of Delhi.</p> <p>Method of selection: QCBS (Quality & Cost Based System)</p>
2.	<p>Delhi Electricity Regulatory Commission (hereinafter referred to as the DERC or the Commission) is a body corporate set up by the Government of National Capital Territory of Delhi under the Delhi Electricity Reforms Act, 2000. Some of the major responsibilities assigned to the Commission are:</p> <p>(a) To determine tariff for electricity including wholesale, bulk or retail and for the use of transmission facilities in the National Capital Territory of Delhi</p> <p>(b) To regulate power purchase and procurement process of the distribution licensees including the price at which the power shall be procured from generating companies/stations etc. in the National Capital Territory of Delhi</p> <p>(c) To issue and regulate the licences for transmission, bulk supply, distribution or supply of electricity in the National Capital Territory of Delhi</p> <p>(d) To promote competition efficiency and economy in the activities of the electricity industry in the National Capital Territory of Delhi</p> <p>(e) To regulate the operation of power system in the National Capital Territory of Delhi.</p>
3.	<p>The Commission is in the process of hiring of consultancy services for undertaking the preparation of Cost Data Book for major items to be used for execution of Capital Expenditure Schemes and various deposit schemes of the consumers by the Distribution Licensees in NCT of Delhi. The rate provided by the consultant shall be competitive and reflect the market position with respect to the orders placed by various Power Utilities for similar items and rates being offered by various manufacturers/Vendors.</p> <p>The scope of work/terms of reference shall be as under;</p> <p>(i) The consultant shall be provided the soft/hard copy of existing specifications of major equipments i.e. power transformers, breaker, isolator, CT, RMUs, Cables, Energy-Meters etc.(as per Annexure-I) being used by distribution licensees. The consultant shall examine the specification of major items/equipments and prepare standard specifications, keeping in view the techno-commercial benefit, pay-back period etc vis-a-vis that adopted by various power utilities in other state.</p>

(ii) The consultant shall collect the prevailing rates from various reputed manufacturers as well as cost data of various power utilities in the country and prepare the cost data accordingly.

(iii) The consultant shall prepare the cost data with standard quantity of material/equipments used for execution of following Schemes.

The scope of work has been divided in two parts as under;

(i) EHV Works : It consist of 33kV & 66kV Grid S/stn., O/H Lines, U/G Cables, Civil works for construction of Grid S/stn. Building, foundation of transformer bays and feeder bays etc.

- | | | |
|---|---|---|
| <p>(a) 66/11kV Grid S/stn.</p> <p>(b) 33/11kV Grid S/stn.</p> | } | <p>(2 nos. transformers bays + 1 no. Bus coupler bay + 2 nos. incoming feeder bay and provision of 1 bay for additional transformer and 2 bay for outgoing bay is also be made)</p> |
|---|---|---|
- (c) Installation of additional transformer of 25 MVA 66/11kV
- (d) Installation of additional transformer of 25 MVA 33/11kV
- (e) 1 Km 66kV U/G XLPE cable (1Cx 1000mm², 1Cx630 mm²)
- (f) 1 Km 33kV U/G XLPE cable (3C x 400 mm²)
- (g) 1 Km 11kV U/G XLPE cable (3C x 300 mm²)
- (h) 1 Km 66kV O/H line (Goat Conductor S/C & D/C)
- (i) 1 Km 33kV O/H line (Goat Conductor S/C & D/C)

(ii) 11kV & LT Works : It consist of 11kV S/stn., 11kV O/H Lines, U/G Cables, LT works and associated civil works.

- (a) 11/0.4kV S/stn. (990, 630, 400, 100 KVA distribution transformer)
- (b) 11/0.4kV Packaged S/stn. (990, 630, 400 KVA distribution transformer)
- (c) HVDS System (25/16/10 KVA)
- (d) 1 Km 11kV O/H line (Dog conductor S/C & D/C) on PCC pole/ST pole
- (e) 1 Km LT, U/G cable (4C x 300 mm²)
- (f) 1.0 Km LT O/H line with Conductor (Dog Conductor S/C)- single phase & three phase on PCC pole / ST pole.
- (g) 1.0 Km LT O/H line with 11kV ABC cable
- (h) Conversion of LT O/H line to ABC
- (i) Service Line charges (for single phase and three phase connections)
- (j) Installation/replacement of switchgear (66kV, 33kV, 11kV, LT & RMU).
- (k) Replacement of Battery Banks (220V, 50V, 150 AH).
- (l) Addition of Power Transformer (66/11kV, 33/11kV, 25MVA/20 MVA/16 MVA).
- (m) Installation of Capacitor Bank (11kV, 5.04 MVAR)

	<p>(n) Addition of new bay (66kV, 33kV, 11kV).</p> <p>(o) SCADA System implementation (cost of 1 bay each for B/C, Trf/line)</p> <p>(p) LT Automatic Power factor control unit (400, 630, 990 KVA Distribution Transformers)</p> <p>(q) RMU – 1 way, 2 way, 3 way Indoor & Outdoor</p> <p>(iv) The Consultant shall give estimated cost for execution of these schemes and recommendation on overhead supervision charges, contingency charges, enhancement charges, departmental charges, keeping in view the practices adopted by various power utilities in other states.</p> <p>(v) On the basis of the above, the consultant shall compile a cost data book for all Capital works to be undertaken in Delhi.</p> <p>(vi) The final cost data book shall be placed before the Commission for approval as finalized by the consultant.</p>
4.	Submission of Report :- The consultant shall prepare the report for EHV works and 11kV works (including LT works) (as the case may be) as per the above scope of work.
5.	Completion of Assignment :- The consultant shall complete the assignment within Ten Weeks from the date of award of work. The Commission shall review the progress every fortnight. The Commission may relax completion period, if there are reasons beyond the control of consultant to complete the assignment; however no extra payment shall be granted for such delay.
6.	<p>The address for submission of proposal and requesting clarifications is:</p> <p>The Secretary, Delhi Electricity Regulatory Commission, Viniyamak Bhawan, C-Block, Shivalik, Malviya Nagar, New Delhi – 110 017. Telefax: 011-26673608, E-mail: secyderc@nic.in</p>
7.	<p>The chosen Consultant must possess expertise in the following areas:</p> <ul style="list-style-type: none"> • Clear understanding of the Indian legal, regulatory and power scenario and developments over the last decade including the applicable policies, legal and regulatory framework and reforms at Central and State levels. • Proven experience of similar assistance preferably to Electricity Regulatory Commissions in estimation of cost and BOQ of Capital Expenditure Schemes (Capex), Capitalisation, Procurement process etc which would need to be demonstrated. • Expertise will include high level inputs in the Costing, Engineering, Regulatory, Policy, Finance, Legal and Governance fields. • Consultants shall have their project office in Delhi and place adequate resources at the disposal of Commission during the course of this assignment.

8.	Consultants who can commit full time manpower on regular employment exclusively for the assignment of the Commission will be eligible for consideration. The Commission will require firm assurance in the Technical bids itself that the professional staff committed for the assignment will be actually working. The key professional staff shall be the same as proposed in the Form 2 and normally not be changed during the course of the assignment unless both parties agree.																			
9.	Bidders can either be a consultant firm or consortium, which more than one consultant firm may constitute with another/others for submitting their proposals. Where the bid is submitted by a consortium, the written consent of each member of the consortium to participate in the bid on the basis of joint and several liabilities to the DERC for the performance of the services shall be provided along with the bid. There should be written, binding agreement between the members of the consortium. If Bidder is a consortium, the lead consultant must be Govt./Semi-Govt. Agency/PSUs. The bid shall be submitted by the lead consultant alongwith the copy of the arrangement/agreement. Change in consortium shall not be permitted unless approved by the Commission.																			
10.	The Consultant shall have an obligation to disclose any situation of actual or potential conflict that impacts their capacity to serve the best interest of the Commission or that may reasonably be perceived as having this effect. If selected, the Consultants shall not be hired for any assignment that would be in conflict with their current obligations to DERC or that may place them in a position of not being able to carry out the assignments objectively and impartially.																			
11.	i. Proposals, all related documents and subsequent reports (in case of selection as Consultant) shall be submitted in ENGLISH only. ii. Consultants are required to quote the prices in the Indian currency only. Proposals must remain valid for 3 calendar months from the date of opening of the bids. The bids valid for a period shorter than the specified period shall be rejected as being non-responsive.																			
12.	The Bid Schedule shall be as under: <table border="1" data-bbox="352 1673 1492 2007"> <tr> <td>1</td><td>Pre-bid meeting with prospective bidders</td><td>29.03.2012 at 1500 hrs.</td></tr> <tr> <td>2</td><td>Last Date of Receipt of Bid Proposals</td><td>10.04.2012 at 1500 hrs</td></tr> <tr> <td>3</td><td>Opening of Technical Bids</td><td>10.04.2012 at 1600 hrs</td></tr> <tr> <td>4</td><td>Evaluation results of Technical Bids</td><td>19.04.2012 at 1500 hrs</td></tr> <tr> <td>5</td><td>Opening of Financial Bids</td><td>19.04.2012 at 1600 hrs</td></tr> <tr> <td></td><td>Selection and Award of Assignment</td><td>24.04.2012</td></tr> </table> <p>Note : The timeline for S.No. 4,5 & 6 may be changed in the interest of expediting the</p>		1	Pre-bid meeting with prospective bidders	29.03.2012 at 1500 hrs.	2	Last Date of Receipt of Bid Proposals	10.04.2012 at 1500 hrs	3	Opening of Technical Bids	10.04.2012 at 1600 hrs	4	Evaluation results of Technical Bids	19.04.2012 at 1500 hrs	5	Opening of Financial Bids	19.04.2012 at 1600 hrs		Selection and Award of Assignment	24.04.2012
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	work.
13.	<p>i. Separate Technical and Financial proposals are required to be submitted for the assignment. Separate sealed cover shall be submitted for the Financial and Technical Bids. The Bidder shall submit only one original set of the Bid. The envelopes shall mention name of assignment and nature of Bid (Technical/Financial) at the top and the name of the submitting bidder at the left hand corner of the envelope. The bids shall be submitted in the enclosed formats (Form 1 to 6).</p> <p>ii. The technical offer(s) shall be accompanied by an Earnest Money Deposit of Rs. 8900/- (Rupees Eight thousand nine hundred only) in form of a Pay Order/Demand Draft in favour of the Secretary, DERC, payable at New Delhi, in a separate sealed envelope. This must be placed in the sealed cover containing the technical bid.</p> <p>iii. The bidder shall meet the following minimum criteria:-</p> <p>a) Minimum Annual Average Turnover (MAAT) of the bidder for the best three years out of last five financial years as annualized should be more than One Crore.</p> <p>b) The bidders shall submit copies of Annual Financial Report (Balance Sheet and profit & Loss A/c) of last three years, PAN/TAN No. and filing of Income Tax return for last three years.</p> <p>iv. The Technical bids shall not indicate particulars of the Financial bids otherwise the bids shall be liable to be rejected. All Technical documents like literature, catalogues, etc. shall be placed in the same sealed cover.</p> <p>v. The proposal shall clearly indicate the names and designations of the persons who shall be available to the Commission on full time basis along with the time schedule of availability of other team members showing the exact times of their availability for in accordance with Form 4.</p> <p>vi. Each page of bid should be numbered and signed by the authorized signatory with the seal of the firm and the forwarding letter must indicate the details of the enclosures attached.</p> <p>vii. A Power of Attorney duly notarised by the Notary Public, indicating that the person(s) signing the bid has the authority to sign the bid and that the bid is binding upon the Bidder during the full period of its validity, shall be submitted.</p>
14.	<p>Technical Evaluation:</p> <p>The Technical bids shall be opened at in the office of the Secretary, DERC, by</p>

the Tender Opening Committee in the presence of bidders, who wish to participate.

Technical evaluation will be done by a Committee nominated by the Commission taking into account the following criteria. Each criterion shall be marked on a scale of 1 to 100 and then the marks for each criterion shall be weighted to become weighted average technical scores. Weights given below will be used by the Tender Evaluation Committee with the approval of the Commission to calculate the weighted average technical score for each proposal:-

Criteria	Range of Weights
The consultants relevant experience for the assignment	20
The quality of the methodology proposed	40
The qualifications of the key staff proposed	40

After the technical evaluation is completed, the Commission shall inform those Consultants whose proposals did not meet the minimum qualifying marks or were considered nonresponsive to the terms of reference and their financial proposals will be returned unopened after completing the selection process. Simultaneously, those Consultants who have secured the minimum qualifying marks shall be informed about the date and time for opening the financial proposals giving sufficient time for the Consultants to be present at the opening, should they so desire.

15. (a). **Technical approach & methodology** – The consultants shall explain their understanding of the objectives of the Assignment/job, approach to the Assignment/job, methodology for carrying out the activities and obtaining the expected output. They shall highlight the issues being addressed and their importance, and explain the technical approach they would adopt to address them. They shall also explain the methodologies proposed to adopt and highlight the compatibility of those methodologies with the proposed approach.
- (b). **Work plan** - The proposed work plan shall be consistent with the technical approach and methodology, showing understanding of the TOR and ability to translate them into a feasible working plan. A list of the final documents, including reports, drawings, and tables to be delivered as final output, shall be included here. The work plan shall be consistent with the Work Schedule.
- (c). **Organisation & Staffing** - The consultant shall propose and justify the structure and composition of their team. They shall list the main disciplines of the

	<p>Assignment/job, the key expert responsible, and proposed technical and support staff.</p> <ul style="list-style-type: none"> • <u>Qualification and competency of the Key professional staff</u> will be evaluated giving due preference to the man-weeks committed by the Team Leader and other professionals, who will be actually working on the project. The sub-criterion to be followed for evaluation of the key professionals shall be (a). Educational Qualifications and (b). Adequacy for the assignment/job (i.e. experience in carrying out similar assignments/Jobs).
16.	<p>The minimum qualifying total score, for the technical bid shall be 70. The financial bids of only those bidders shall be opened whose score shall be 70 or above in technical bids. After completion of the technical evaluation, the Commission shall inform those consultants whose proposals do not meet the minimum qualifying mark or considered non-responsive to the TOR and the financial proposal etc. of such non-responsive bids shall be returned un-opened on completion of the selection process. The list of bidders whose offers have been selected after technical evaluation shall be displayed at the website and notice board of the Commission's Office Such selected bidders may attend the opening of financial bids at the office of the Secretary, DERC on scheduled date.</p>
17.	<p>Financial Evaluation:</p> <p>The Bidder shall quote the amount for EHV works and 11kV works including LT works separately in Financial Bid. The financial proposals of the pre-qualified Consultants shall be opened by the Evaluation Committee in presence of those consultants or their representatives whose bids are short listed for financial evaluation.</p> <ol style="list-style-type: none"> The proposal with lowest evaluated cost shall be given a financial score of 100 and other proposals shall be given financial scores that are inversely proportional to their prices. Evaluation of financial bids shall entail selection of consultant after adding scores of technical and financial proposals with respective weight-age, which shall be 0.70 for technical bid and 0.30 for financial bid. In case, number of qualified bidders is less, the Commission may award work of both EHV works and 11kV works including LT works to one bidder. However, the Commission will prefer awarding one assignment to a qualified lowest bidder in the interest of expediting the work, If one of the qualified bidders is L1 in more than one assignment, he will have to convince the Commission that he has adequate resources to do the work of another assignment in scheduled time. Otherwise, Commission will have the right

	to award the tender to other bidders as per rules. In such a case, L2 will be asked to match the financial bid of L1 if it is higher than the financial bid of L1.
18.	The Commission will discuss with the selected bidder (i.e. bidder with the highest score) and discuss the detailed work plan with them. Any suggestions that the bidder has, to improve the methodology, staffing details, activities to be undertaken by the consultants, reporting, etc. as also the inputs required from the DERC to ensure satisfactory implementation of the assignment, shall be discussed with the bidder and finalized. These discussions will be on the strict understanding that the amount quoted in the Bid document will not be increased for any reason whatsoever.
19.	Having selected the Consultant, amongst other things, also in consideration of the proposed key professional staff, DERC shall award a contract on the basis of the staff named in the proposal and, prior to the award of contract, shall require an assurance that the staff mentioned in the Form 2 of the Bid document will be actually available and deployed for this assignment. DERC will not consider substitutions during the contract period except in cases of genuine hardship subject to the satisfaction of the Commission. DERC may hold review meetings fortnightly, or more frequently if so needed, with the Consultant during which senior/key personnel of Consultant shall be present.
20.	<ul style="list-style-type: none"> i. The successful bidder shall enter into a contract agreement with the Commission in the prescribed format as per Annexure 'III' and shall commence the assignment as per schedule assigned by the Commission. ii. The successful bidder shall furnish a "Performance Bank Guarantee" equal to 10% of the value of contract, which shall be valid for 60 days after the completion of the assignment. iii. If the Consultant, finally selected for award of contract on basis of above procedure, fails to enter into a contract within the time limit as may be prescribed, the Commission shall invite the consultant who has obtained the second highest score on consideration of Financial and Technical bids for award of the contract for carrying out the assignment.
21.	The consultant shall not utilize or publish or disclose or part with any statistics, data or information collected for the purpose of Commission, without written consent of the Commission. The consultant shall be duty bound to hand over the entire records of assignment to the Commission before the expiry of the contract.

22.	The Commission reserves the right to award the total assignment or to delete any part of assignment or reject any bid without assigning any reasons for the same. Failure to provide all information or conceal any information material to award of contract shall be at bidder's own risk and may result into rejection of the proposal.										
23.	The financial proposal submitted in Form 6 shall be a firm and unconditional proposal for the execution of the scope of assignment given in the contract.										
24.	Deliverables and timelines as per Annexure 'II' : The Consultant shall deliver the following to DERC for above scope of work:- <ul style="list-style-type: none"> • The methodology and work plan of the assignment. • Back-up data/information/documents to justify the Cost Data Book. • Any other report/data incidentally required. • Soft copy of all the documents alongwith source codes 										
25.	The Consultant shall submit separate financial bids in respect of the Scope of work in Form 6 . The evaluation shall be made based on the total value of contract.										
26.	Other Issues: The above description of scope of consultancy is purely indicative and not exhaustive. Changes/additions can be made by DERC as a better understanding develops, to enhance the value of the study, without changing its basic nature.										
27.	<p><u>Terms of payment</u></p> <p>Consultant shall be paid Consultancy charges on completion of milestones as under :</p> <table border="1"> <thead> <tr> <th>Milestones as per which invoices for fees shall be raised by consultant</th><th>% of contract value</th></tr> </thead> <tbody> <tr> <td>Mobilization fees</td><td>10%</td></tr> <tr> <td>Submission of Draft Report</td><td>30 %</td></tr> <tr> <td>submission of final Report to the Commission</td><td>40%</td></tr> <tr> <td>After acceptance of Report by the Commission.</td><td>20%</td></tr> </tbody> </table> <ul style="list-style-type: none"> ○ Consultancy charges in respect of analysis, discussion, support, presentation before the Commission during the meeting etc shall be inclusive in total contract value. ○ No other charges shall be payable . The consultant shall furnish lump sum remuneration / cost including all expenditure such as travelling, stationary, telephone etc. The service charges/taxes shall be quoted separately. ○ All payments as indicated above shall be released within Thirty (30) days of the receipt of invoice subject to terms and conditions as per the agreement executed between the consultant and DERC 	Milestones as per which invoices for fees shall be raised by consultant	% of contract value	Mobilization fees	10%	Submission of Draft Report	30 %	submission of final Report to the Commission	40%	After acceptance of Report by the Commission.	20%
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PROPOSAL SUBMISSION LETTER

To:

**The Secretary,
Delhi Electricity Regulatory Commission
Viniyamak Bhawan,
C-Block, Shivalik,
Malviya Nagar,
New Delhi – 110 017**

Madam,

We, the undersigned, offer to provide the consultancy services for undertaking the assignments relating to in accordance with your bid (ref. No.)

We are hereby submitting our proposal for assignment in one Original in the prescribed formats, which includes the Technical Proposal and the Financial Proposal sealed under separate envelopes. Each page of the proposal has been numbered and signed by the Authorized Signatory.

A Power of Attorney duly notarised by the Notary Public, indicating that the person(s) signing the bid has the authority to sign the bid and that the bid is binding upon the Bidder during the full period of its validity is enclosed.

It is also confirmed that presently we are not handling any assignment that would be in conflict with this assignment or place us in a position of not being able to carry out this assignment objectively and impartially.

If negotiations are proposed by the Commission at any stage we undertake to negotiate as per the requirement of the assignment. Our Proposal is binding upon us and subject to the modifications resulting from contract negotiations.

A demand draft/pay order no. _____ dt. _____ for Rs. 8,900/- in favour of Secretary, DERC payable at New Delhi is enclosed herewith.

We understand that you are not bound to accept any Proposal you receive.

Encl. As above

Yours sincerely,

Authorized Signatory:
Name and Title of Signatory:
Name of the Firm:

Technical Proposal
Relevant services carried out in the last five years
that best illustrate qualifications

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

1. Assignment Name:	
2. Name & address of the client:	
3. (i) Professional Staff including Senior Staff (Project Director/Coordinator, Team Leader) Provided by Your Firm/entity (attach profiles) (ii) No. of Staff-weeks; duration of assignment	
4. Start Date and Completion Date (Month/Year):	
5. Details of Associated Consultants, if any:	
6. No. of Months of Professional Staff Provided by Associated Consultants	
7. Approx. Value of Services (in Indian Rs.)	
8. Experience Certificate (whether provided or not)	

Note: Please provide documentary evidence (i.e. copy of the work order, contract for each assignment etc.) in the absence of which, the experience shall not be considered for evaluation.

Authorized Signatory

Technical Proposal
Format of Curriculum Vitae (CV) for proposed
Professional Staff/Key experts

1. Proposed position	
2. Name of Firm	
3. Name of Staff and Nationality	
4. Profession	
5. Date of Birth	
6. Years with Firm/entity	
7. Membership in Professional Societies	
8. Details of task Assigned	
9. Educational Qualifications	
10. Work undertaken that best illustrates capability to handle the task assigned (mention name of assignment, year, location, employer, main projects, features, position held and activities performed.	

Authorized Signatory

Technical Proposal

Description of the proposed methodology and
Work plan for performance of the assignment

Authorized Signatory

Technical Proposal**Format of Task Schedule for Professional Staff proposed for assignment**

Name	Position	TASK	Committed Time schedule (in days/week)
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

Authorized Signatory

FINANCIAL PROPOSAL SUBMISSION LETTER

To:

**The Secretary,
Delhi Electricity Regulatory Commission
Viniyamak Bhawan,
C-Block, Shivalik,
Malviya Nagar,
New Delhi – 110 017**

Sir,

We, the undersigned, offer to provide the consultancy services for undertaking the assignment relating to in accordance with your bid.

We hereby submit our Financial Proposals in Form 6 for the assignment.

We hereby confirm that the financial proposal in Form no.-6 is unconditional and we acknowledge that any condition attached to financial proposal shall result in rejection of our financial proposal.

Our Financial Proposal shall be binding upon us subject to the modification resulting from Contract negotiations, with by the Commission. Each page of the proposal has been signed by the Authorized Signatory.

We understand that you are not bound to accept any Proposal you receive.

We further understand that these costs are all inclusive which include manpower cost, establishment cost, travel expenses and other overheads etc.

Encl. Form 6

Yours sincerely,

Authorized Signatory:

Name and Title of Signatory:

Name of the Firm:

Address:

Financial Proposal

Summary of cost

Costs	Bid amount Excluding all taxes & statutory levies (Rs.)
(j) EHV Works	
(ii) 11kV Works including LT works	

Authorized Signatory

**• Deliverables and Timelines as per the following WORK PLAN
AND ACTIVITY SCHEDULE for the Cost Data Book**

S. No.	Description	Time
1	Placement of consultants	
2	Presentation on Methodology by Consultants	
3	Submission of existing specifications by Distribution Licensees	
4	Submission of rationalised specifications to the Commission	
5	Collection and Compilation data for costing	
7	Presentation on Progress of work to Commission	
9	Submission of Draft Cost data Book	
10	Presentation on Draft Cost data Book to Commission	
11	Submission of Cost data Book for comments/approval of Commission.	
12	Submission of final Cost data Book to Commission.	
13	Issue of Cost data Book	

(Contract Agreement to be signed by Consultant with DERC)

This ARTICLES OF AGREEMENT made on this day of2012

BETWEEN:

Delhi Electricity Regulatory Commission a statutory Body set up by the Government of NCT of Delhi under the Delhi Electricity Reform Act, 2000 and having its office at Viniyamak Bhawan, C-Block, Shivalik, Near Malviya Nagar, New Delhi – 110 017, hereinafter referred to as the "Commission" (Which expression shall unless excluded by or repugnant to the context or meaning thereof, include its successors and permitted assigns) of the FIRST PART

AND

_____ Company registered under the Companies Act, 1956 and having its office at _____, herein after referred to as the _____ or the Consultant (which expression shall unless excluded or repugnant to the context or meaning thereof include its successors and permitted assigns) of the SECOND PART.

(The Commission and the _____ are individually referred to as the "Party" and collectively as the "parties").

WHEREAS the Commission has awarded the contract on the basis of open bid to the party of the SECOND part as a Consultant inter alia for "preparation of Cost data Book, more precisely explained in the 'Terms of reference' contained in the bid document dated_____".

M/S _____ has agreed to provide consultancy services to the Commission on the terms and conditions hereinafter contained.

NOW THESE PRESENTS WITNESS and the parties hereto respectively agree as follows:

1. _____ is appointed as consultant of the Commission for the aforementioned assignment. _____ shall commence the assignment from zero date, which is mutually agreed between the Commission and the Consultants as _____. The Consultant shall execute and complete the assignment as per the work plan and activity schedule mentioned herein: -

WORK PLAN AND ACTIVITY SCHEDULE for the Cost Data Book

S. No.	Description	Time
1	Placement of consultants	
2	Presentation on Methodology by Consultants	
3	Submission of existing specifications by Distribution Licensees	
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13	Issue of Cost data Book	

2. Scope of Work:

The scope of work/terms of reference shall be as under;

- (i) The consultant shall be provided the soft/hard copy of existing specifications of major equipments i.e. power transformers, breaker, isolator, CT, RMUs, Cables, Energy-Meters etc.(as per **Annexure-I**) being used by distribution licensees. The consultant shall examine the specification of major items/equipments and prepare standard specifications, keeping in view the techno-commercial benefit, pay-back period etc vis-a-vis that adopted by various power utilities in other state.
- (ii) The consultant shall collect the budgetary rates from various reputed manufacturers as well as cost data of various power utilities in the country and prepare the cost data accordingly.

- (iii) The consultant shall prepare the cost data with standard quantity of material/equipments used for execution of following Schemes.

The scope of work has been divided in two parts as under;

(i) EHV Works : It consist of 33kV & 66kV Grid S/stn., O/H Lines, U/G Cables, Civil works for construction of Grid S/stn. Building, foundation of transformer bays and feeder bays etc.

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|---|---|
| <p>(a) 66/11kV Grid S/stn. }
 (b) 33/11kV Grid S/stn. }</p> | <p>(2 nos. transformers bays + 1 no. Bus coupler bay + 2 nos. incoming feeder bay and provision of 1 bay for additional transformer and 2 bay for outgoing bay is also be made)</p> |
| <p>(c) Installation of additional transformer of 25 MVA 66/11kV</p> | |
| <p>(d) Installation of additional transformer of 25 MVA 33/11kV</p> | |
| <p>(e) 1 Km 66kV U/G XLPE cable (1Cx 1000mm², 1Cx630 mm²)</p> | |
| <p>(f) 1 Km 33kV U/G XLPE cable (3C x 400 mm²)</p> | |
| <p>(g) 1 Km 11kV U/G XLPE cable (3C x 300 mm²)</p> | |
| <p>(h) 1 Km 66kV O/H line (Goat Conductor S/C & D/C)</p> | |
| <p>(i) 1 Km 33kV O/H line (Goat Conductor S/C & D/C)</p> | |

(ii) 11kV & LT Works : It consist of 11kV S/stn., 11kV O/H Lines, U/G Cables, LT works and associated civil works.

- (a) 11/0.4kV S/stn. (990, 630, 400, 100 KVA distribution transformer)
- (b) 11/0.4kV Packaged S/stn. (990, 630, 400 KVA distribution transformer)
- (c) HVDS System (25/16/10 KVA)
- (d) 1 Km 11kV O/H line (Dog conductor S/C & D/C) on PCC pole/ST pole
- (e) 1 Km LT, U/G cable (4C x 300 mm²)
- (f) 1.0 Km LT O/H line with Conductor (Dog Conductor S/C)- single phase & three phase on PCC pole / ST pole.
- (g) 1.0 Km LT O/H line with 11kV ABC cable
- (h) Conversion of LT O/H line to ABC
- (i) Service Line charges (for single phase and three phase connections)
- (j) Installation/replacement of switchgear (66kV, 33kV, 11kV, LT & RMU).
- (k) Replacement of Battery Banks (220V, 50V, 150 AH).
- (l) Addition of Power Transformer (66/11kV, 33/11kV, 25MVA/20 MVA/16 MVA).
- (m) Installation of Capacitor Bank (11kV, 5.04 MVAR)
- (n) Addition of new bay (66kV, 33kV, 11kV).
- (o) SCADA System implementation (cost of 1 bay each for B/C, Trf/line)
- (p) LT Automatic Power factor control unit (400, 630, 990 KVA Distribution Transformers)
- (q) RMU – 1 way, 2 way, 3 way Indoor & Outdoor

- (iv) The Consultant shall give estimated cost for execution of these schemes and recommendation on overhead supervision charging, contingency charges, enhancement charges, departmental charges, keeping in view the practices adopted by various power utilities in other states.
- (v) On the basis of the above, the consultant shall compile a cost data book for all Capital works to be undertaken in Delhi.
- (vi) The final cost data book shall be placed before the Commission for approval as finalized by the consultant.
3. **Submission of Report :-** The consultant shall prepare the report for EHV works and 11kV works (including LT works) (as the case may be) as per the above scope of work.
4. **Completion of Assignment :-** The consultant shall complete the assignment within Ten Weeks from the date of award of work. The Commission shall review the progress every fortnight. The Commission may relax completion period, if there are reasons beyond the control of consultant to complete the assignment; however no extra payment shall be granted for such delay.
5. The _____ agrees and undertakes that the respective tasks shall be performed & completed only by the personnel mentioned in Para 5 hereinabove and that if any change in the composition of the said team is necessitated, the second party shall seek prior permission of the Commission to effect the changes.
6. Consultant shall be paid as under:
- (i) Consultancy charges of Rs. _____ (Rupees _____ only) including of taxes as applicable in respect of Preparation of Cost Data Book shall be as under:

Milestones as per which invoices for fees shall be raised by consultant	% of contract value
Mobilization fees	10%
Submission of Draft Report	30 %
submission of final Report to the Commission	40%
After acceptance of Report by the Commission.	20%

7. a) The Consultant shall within one week of signing of this agreement provide performance security by way of Performance Bank Guarantee @ 10% of the total contract value in a format acceptable to the Commission from any scheduled Bank which shall be valid for a period of six months beyond the scheduled completion date, extendable suitably in case of extension of period of contract.

b) The payment of fee to Consultant the consultant shall be made by the Commission after the deduction of tax at source in accordance with law for the time being in force.

c) The Commission shall be entitled to evaluate the reports submitted by the consultant at any stage and the Consultant shall incorporate / restructure the report as per the recommendations of the Commission within such reasonable time as may be prescribed by the Commission.

d) The Commission shall make payments to the consultant within 30 days of the date of receipt of Invoice in the Commissions' office subject to acceptance of deliverables wherever required unless prevented by reasons beyond its control and in the latter case the Consultant shall not be entitled to claim any interest or damages on account of such delay.

8. No TA/DA shall be admissible for the Consultant for local journey in connection with the Consultancy.

9. The Commission reserves its right to foreclose, terminate or cancel the engagement of the Consultant without assigning any reasons. In such cases Consultant shall be paid remuneration after taking into consideration the part of work completed prior to such foreclosure, termination or cancellation of the engagement as may be decided by the Commission, and the decision of the Commission shall be conclusive and binding. The remuneration so fixed and paid shall be deemed to be the final payment in such cases.

10. In case of any differences or disputes between the parties arising out of this AGREEMENT, the matter shall be dealt with in accordance with the provisions of the Arbitration and Conciliation Act, 1996.

11. Any information of confidential nature, which may be so marked by the Commission, which comes to the knowledge or in the possession of the Consultant or of any of its employees by virtue of their engagement on subject matter of this contract; shall not be disclosed by the Consultant or its employees to any unauthorized person in any manner. Any breach of this clause without prejudice to any other action that may be initiated as per law, shall also subject the Consultant to a liability to pay to the Commission such compensation as may be decided by the Commission keeping in view the nature, manner and motive of the information disclosed and the extent of the damage caused by such unauthorized disclosure.

Provided that any information that was (a) rightfully already known to Consultant at the time of its disclosure, (b) independently developed by Consultant without referring to the Commission's confidential information, (c) known to the public through a source other than Consultant, or (d) disclosed to Consultant by a third party not having an obligation of non disclosure to the proprietor of the information, shall not be deemed to be confidential information for the purposes of this agreement. Provided further that the obligation of confidentiality on Consultant shall not apply where such confidential information is required to be disclosed under any law.

12. The Consultant undertakes that this assignment shall not be in conflict with its prior or current obligation to other clients nor shall it place him in a position of not being able to carry out the assignments objectively and impartially.

13. A team constituted by the Commission shall evaluate the deliverables submitted by the Consultant. The team shall finalize the deliverables within 15 days of receipt of the same from the Consultant. The Consultant shall within a reasonable time incorporate/restructure the deliverables as per the recommendations of the said team.

14. It is mutually agreed between the parties that the time will be the essence of this CONTRACT/AGREEMENT. The Consultant, the party of the second part, shall adhere to the time schedule as prescribed in this AGREEMENT and complete the work within the stipulated time frame, failing which the party of the second part would be liable for a penalty which may go upto Rs.5000/- per day, for each day of delay beyond the time with maximum amount to 10% of total contract value stipulated in this AGREEMENT, provided that each day of delay beyond time

schedule is attributable solely to the CONSULTANTS. The Commission's decision in this matter will be binding on all parties.

15. In case the party of the second part fails to fulfill its obligations, the Commission would be entitled to invoke the performance Bank Guarantee as furnished by party of the second part and the amount mentioned in the Performance Bank Guarantee shall stand forfeited.

16. In respect of any matter for which no provision has been made in this agreement, the provisions contained in the general instructions of the Government on the subject of engagement of CONSULTANT shall apply. All the letters issued by the Commission and the proposal and clarifications submitted by the CONSULTANT shall form part of this agreement.

IN WITNESS WHEREOF the Consultant and Secretary to the Commission on behalf of the Commission have hereto put their hands on the day and the year first above written.

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Executive Director

Consultant

Witness :

1.

2.

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Secretary

DERC

LIST OF MATERIALS (Except C.B.s. & panels)

S. No.	Item
1	66 kV Items
	66/11 kV 20/25 MVA transformer
	66 kV SF6/AB C.B.
	66 kV CTs/PTs
	66 KV Isolator with E/S
	66 KV Isolator w/o E/S
2	33kV Items
	33/11 kV 16/20 MVA transformer
	33 kV SF6/AB C.B.
	33 kV CTs/PTs
	33 KV Isolator with E/S
	33 KV Isolator w/o E/S
3	Package S/stn.
	400 KVA packaged s/s 3 way RMU & 400 KVA T/F
	630 KVA packaged s/s 3 way RMU & 630 KVA T/F
	Package S/stn. 990 kVA
4	Distribution Transformers
	Transformer 16 kVA, 11 kV/433 V
	Transformer 25 kVA, 11 kV/433 V
	Transformer 63 kVA, 11 kV/433 V
	Transformer 315 kVA, 11 kV/433 V
	Transformer 400 kVA, 11 kV/433 V
	Transformer 630 kVA, 11 kV/433 V
	Transformer 990 kVA, 11 kV/433 V
5	Cable
	66 kV 1x1000
	33 kV XLPE Cable 3Cx400 sq. mm.
	11 kV XLPE cable 3C x 300 sq mm
	11 kV XLPE cable 3C x 150 sq mm
	11 kV XLPE cable 1x1000 sq mm
6	LT Cable
	XLPE cable 4C x 300 sq mm AL
	XLPE cable 3C x 300 sq mm
	XLPE cable AL 3.5C x 400 sq mm ARM
	XLPE cable AL 4C x 150 sq mm
	XLPE cable AL 4C x 95 sq mm
	XLPE cable AL 4C x 50 sq mm
	XLPE cable AL 4C x 25 sq mm
	XLPE cable AL 1C x 25 sq mm
	XLPE cable AL 1C x 95 sq mm
	XLPE cable AL 1C x 630 sq mm
	XLPE cable AL 1C x 300 sq mm
	LT Cable 4x10 sq. mm
	LT Cable AL 4x16 sq. mm
	Control Cable 2x50
	Arm LT Cable AL 4Cx10
	Arm PVC LT Cable AL 2Cx10
	Arm LT Cable AL 4Cx25
	ARM LT Cable AL 4Cx10 sq. mm
	LT Cable 2Cx6 sq. mm
	LT Cable 3Cx400 sq. mm
7	Meters and related items
	Electronic meter 1 phase/3 Phase
	LT CT Meter 3 phse
	Remote Metering System with GSM modem
8	Poles
	PCC pole 11 mtr
	PCC pole 9 mtr
9	RMU
	4 way I/D RMU 11 kV
	3 way I/D RMU 11 kV
	4 way O/D RMU 11 kV
	3 way O/D RMU 11 kV
10	Distribution box
	3 phase distribution box
	1 phase distribution box