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Certified Company

आरईसी पावर डिस्ट्रीब्यूशन कम्पनी लिमिटेड REC POWER DISTRIBUTION COMPANY LIMITED

(A wholly owned subsidiary of REC Ltd., a 'Navratna CPSE' under Ministry of Power, Govt. of India)

CIN No. RECPDCL-U40101DL2007GOI165779

Corporate Office: 1016-1023, 10th Floor, Devika Tower, Nehru Place, New Delhi-110019
Tel: 011-44128755 Fax: 011-44128768. Website: www.recpdcl.in. E-mail: co.delhi@recpdcl.in
Regd. Office: Core-4, SCOPE Complex, 7 Lodhi Road, New Delhi-110003, Phone (011) 43091508 Fax: (011) 24385815

Notice Inviting Financial Bid

(Financial Bid invited through e-Tendering mode only)
(Limited to agencies as per list enclosed in "Annexure V")

For

Preparation of Single Line Diagram of Power System Network in

Jharkhand Bijli Vitran Nigam Limited

No. RECPDCL/Tech/FB/SLD/JBVNL/2016-17/3080

Dated: 28.12.2016

REC Power Distribution Company Limited

(A wholly owned subsidiary of REC, a 'Navratna CPSE'
Under the Ministry of Power, Govt of India)

CIN no of RECPDCL-U40101DL2007GOI165779

Corporate office

1016-1023, Devika Tower, Nehru Place,
New Delhi-110019

Telefax: 011-44128768

Website: www.recpdcl.in

Description of task, e-tender submission format and procedure is provided in the Financial Bid document available on RECPDCL website (www.recpdcl.in), REC website (www.recindia.com), e-tendering website (www.tenderwizard.com/REC), (www.eprocure.gov.in)

Important Dates for E- Financial Bid mode	
Date of Release of Financial Bid	28.12.2016
Last date of submission of Financial Bid	04.01.2017 at 15:00 Hours
Date of Opening of Financial Bid	04.01.2017 at 16:00 Hours

Note:

Online registration shall be done on e-tendering website i.e. www.tenderwizard.com/REC & in general, activation of registration may takes 24 hours subject to the submission of all requisite documents required in the process.

-Sd-(S.C. Garg)
Addl. C.E. O.

[This document is meant for the exclusive purpose of Agencies against this Financial Bid and shall not be transferred, reproduced or otherwise used for purposes other than that for which it is specifically issued.]

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SECTION-I
(FINANCIAL BID INFORMATION)

Name of the assignment: Preparation of Single Line Diagram of Power System Network in JBVNL under RGGVY Scheme.

Important information

S. No.	Event	Information to the agencies	
1	Date and Time of Release of Financial Bid	28.12.2016	
2	Last Date & Time for online Submission of Financial Bid	04.01.2017 at 15:00 Hours	
3	Date of Opening of Financial Bid	04.01.2017 at 16:00 Hours	
4	Tender Document	The details can be downloaded free of cost from the websites www.recpdcl.in (or) www.recindia.com (or) www.tenderwizard.com/REC (or) www.eprocure.gov.in	
5	EMD #	Rs.5,000/- (Rupees Five Thousand Only)	
6	Address for Bid submission/EMD/PBG	Shri. Subhash Chandra Garg, Addl. C. E. O. REC Power Distribution Company Limited, 1016-1023, 10 th Floor, Devika Tower, Nehru Place, New Delhi- 110019, India. Telefax : 011-4128768,44128760/67 Email- co.delhi@recpdcl.in	
7	Contact Person	Shri. Ajay Kumar , Chief Technical Officer REC Power Distribution Company Limited (RECPDCL) Phone:011-44128767; Fax:011-44128768 Email-co.delhi@recpdcl.in	Shri. Sunil Bisht , Assistant Manager (Technical) REC Power Distribution Company Limited (RECPDCL) Phone:011-44128760; Fax:011-44128768 Email-co.delhi@recpdcl.in

The EMD (Earnest Money Deposit) is to be submitted by all the participating bidders of an amount of Rs **5,000/- (Rs. Five Thousand only)** in the form of irrevocable Bank Guarantee (BG) from a nationalized/scheduled Bank as per Performa enclosed as "**Annexure-III**" or Bank Demand Draft drawn in favour of REC Power Distribution Company Limited payable at New Delhi. The EMD of unsuccessful bidder/s will be returned within 90 days from the award of contract and EMD of successful bidder will also be returned after acceptance of work order and submission of PBG (Performance Bank Guarantee) of requisite value.

SECTION-II

PREFACE

INTRODUCTION:

REC Power Distribution Company Limited (REC PDCL), registered office at Core-4, SCOPE Complex, 7, Lodhi Road, New Delhi- 110003 an ISO 9001:2008 14001:2004 & OHSAS 18001:2007 certified, a wholly owned subsidiary of Rural Electrification Corporation Ltd (REC), a “Navratna CPSE” under the Ministry of Power, Govt. of India is engaged in providing value added consultancy services in power sector arena covering Power Generation, Transmission & Distribution (T&D), Renewable Energy Sector and Energy Efficiency programs including

Govt. of India’s power schemes for power utilities across the country and various regulatory assignments with SERCs. It includes the project works under Rural Electrification (RGGVY), PMC works of RGGVY/DDUGJY, DPR preparation for R-APDRP/ RGGVY/NEF/DDUGJY/IPDS and other power projects scheme, Third Party Inspection, Feeder Renovation Program, Feeder separation, HVDS program, Lender’s Engineers assignment, IT related assignments in Distribution sector including Energy Audit, Evaluation study for HVDS/Distribution network, AT&C Loss assessment, system study, MRI based billing and Cost Book Data Preparation as per the need of the power utilities, Regulatory Commission across the country.

RECPDCL is intending to engage agency (ies) for providing services for carrying out Preparation of Single Line Diagram of Power System Network in the various districts under the of Jurisdiction of JBVNL. The agencies are required to get the work done through experienced personnel with professional skills and resources to provide the services required by the RECPDCL in timely and efficient manner on the terms and conditions set herewith.

SECTION-III

INSTRUCTIONS TO BIDDING AGENCIES

This financial bid is invited from the agencies, which is already empaneled with RECPDCL to take up the above said work. (Annexure "V")

The agencies/bidders are advised to study the financial bid document carefully. Submission of Financial Bid shall be deemed to have been done after careful study and examination of the financial bid document with full understanding of its implications.

Submission of the Bid:

Agency shall submit their responses online through e-tendering website www.tenderwizard.com/REC.

A. The submission and opening of Financial Bid will be through e-tendering process only.

Interested Agencies/bidders can download Financial Bid document from the RECPDCL website i.e. <http://www.recpdcl.in> or www.recindia.com or www.eprocure.gov.in and e-tendering regd. link is given in RECPDCL website i.e. www.tenderwizard.com/REC.

(Note: To participate in the e-Bid submission, it is mandatory for the agency to have a user ID & Password. For this purpose, agency has to register them self with REC/RECPDCL through tender Wizard Website given below. Please also note that the agency has to obtain digital signature token for applying for the e-Bid. In this connection, vendor may also obtain the same from tender Wizard.)

B. Steps for Registration:

- i. Go to website "<http://www.tenderwizard.com/REC>".
- ii. Click the link '**Register Me**' or '**New User? Sign Up**'
- iii. Enter the details about the E-tendering as per format.
- iv. Click '**Create Profile**'.
- v. E-tender will get confirmation with **Login ID and Password**.

C. Steps for application for Digital Signature from Bid Wizard:

Download the Application Form from the website <http://www.tenderwizard.com/REC>. Follow the instructions as provided therein. In case of any assistance, you may contact RECPDCL officers whose address is given at the Bid.

Bid is to be submitted through online mode on website www.tenderwizard.com/REC in the prescribed form.

Scanned soft copy of the documents given below for the qualifying response:

➤ **General Documents/EMD/PBG**

1. Form-I----- Letter for Submission of Financial Bid & Form-II----- General criteria details.
2. EMD of Rs. 5,000/- in the form of Bank Guarantee (BG) from a nationalized/scheduled Bank as per Performa enclosed as "**Annexure-III**" or Bank Demand Draft drawn in favour of REC Power Distribution Company Limited payable at New Delhi & scanned copy to be uploaded and original to be submitted before the last date & time of Submission of Tender.

Financial Bid

1. Form-III-----Financial Proposal/Bid.

Financial bid to be uploaded in the specific format designed & same may be downloaded from website www.tenderwizard.com/REC and after filling the form it is to be uploaded therein through digital signature.

All the documents should be addressed to.

**Addl.Chief Executive Officer
REC Power Distribution Company Ltd.
1016-1023, 10th Floor,
Devika Tower, Nehru Place,
New Delhi – 110019**

(Note: All papers that comprise the Bid document of the concerned Bid must be numbered. An index of each page should also be provided.)

SECTION-IV

DETAILED SCOPE OF WORK & PERFORMANCE EVALUATION

A. SCOPE OF WORK

1.0 Preparation of Single Line Diagram

The general Scope of work includes Creation of electrical network and its superimposition on geographical maps (CD Block maps with village boundary) to have an insight of penetration of electrical infrastructure in villages of distribution network from grid substations to LT Poles consisting of 33 KV, 11 KV lines 33/11 KV S/S, DTR and associated L.T. Lines.

The brief details of districts for which the work has to be done is as below:

TABLE-B						
S.No.	DISTRICT	Total No. of Blocks	Total No. of EHV S/s (220/132kV)	Total No. of HV S/s (33/11kV)	Total No. of HV 66 or 33 kV feeders)	Total No. of 11kV Feeders
1	DUMKA	10	1	10	10	46
2	JAMTARA	4	1	6	6	23
3	DEOGHAR	8	2	10	10	43
4	GODDA	8	1	8	8	22
5	SAHEBGANJ	9	1	7	7	26
6	PAKUR	6	1	6	6	24
7	DHANBAD	7	6	30	28	44
8	BOKARO	8	5	11	13	34
9	SINGHBHUM (E)	9	4	13	13	29
10	SINGHBHUM (W)	15	5	12	12	33
11	SARAIKEKA KHARSAWAN	9	3	9	9	28
Total		93	30	122	122	352

Above said numbers are tentative in nature & may decrease or increase. However before quoting rates, it is suggested that interested bidders may assess the data and its various parameters etc. The network shall be modeled as per the geographic information collected during GPS/GIS survey which shall be superimposed on Geo referenced Google earth maps.

The work under the project shall be covered mainly for rural areas and works related to mainly feeder separation and strengthening of sub-transmission & distribution systems. The detailed scope of work is as mentioned below:

1. Creation of electrical network and its superimposition on geographical maps (CD Block maps with village boundary) to have an insight of penetration of electrical infrastructure in villages of distribution network from grid substations to LT Poles consisting of 33 KV, 11 KV lines 33/11 KV S/S, DTR and associated L.T. Lines.
2. Plotting of the GPS points on the map and preparation of Single Line Diagram (SLD) for the surveyed locality/Power System Network with proper legends and coloring schemes and proper landmarks from the data/ hand drawn sketch provided by REC PDCL.
3. District-Wise/Block-wise SLD of EHV and 33/11 kV substation including existing and proposed.

4. District-Wise/Block –wise SLD of 33 KV line along with existing and the proposed infrastructure.
5. District-Wise/Block –wise SLD of 11 KV line along with existing and the proposed infrastructure.
6. District-Wise/Block –wise SLD of village wise LT network along with existing and the proposed infrastructure.
7. Submission of final deliverables in soft copies as per project standards as required by RECPDCL. Input data/details shall be provided through E-mail/ REC PDCL portal and final deliverables to be submitted through E-mail/ REC PDCL portal.
8. Weekly milestone target for submission by agencies shall be **500 Nos.** SLD or higher as per requirement of RECPDCL subject to providing data/Sketch at the start of week by RECPDCL.
9. All assets information along with nomenclature in the drawing viz. Name, length, quantity etc. shall be provided by the bidder in Single Line Diagram.
10. Any other work not specifically mentioned herein but required as per requirement of RECPDCL.

11. DELIVERABLES:

The deliverables of the Project are:

1. District wise electrical network and its superimposition on geographical maps(CD Block maps with village boundary) to have an insight of penetration of electrical infrastructure in villages of distribution network from grid substations to LT Poles consisting of 33 KV, 11 KV lines 33/11 KV S/S, DTR and associated L.T. Lines.
2. Block wise electrical network and its superimposition on geographical maps(CD Block maps with village boundary) to have an insight of penetration of electrical infrastructure in villages of distribution network from grid substations to LT Poles consisting of 33 KV, 11 KV lines 33/11 KV S/S, DTR and associated L.T. Lines.
3. Network single line diagrams of each 33 kV feeders in geographical referenced format like *.shp/ other files.
4. Network single line diagrams of each 11 kV Feeders with LT lines in geographical format like *.shp/ other files.
5. Single Line diagram of existing network with network elements/equipments highlighting using user-defined colour code, clearly highlighting any abnormal operating conditions.
6. The deliverable of 33KV, 11KV, and LT lines should suggest system improvement due to various alternatives like re-conductoring, feeder bifurcation etc.
7. The Distribution Transformers system improvement should suggest reduction in transformer losses and its effect on overall system loss. The deliverables should include suggestions about transformer augmentation, shifting of transformer to appropriate location or additional transformer.
8. The report of LT lines should submit suggested improvements like AB Cabling, HVDS of selected area or town.
9. The report should show the relevant use of GIS software applying the same at various points of the network.
10. Technical proposal must mention the proposed approach and methodology along with a case study as per the scope of work mentioned above.

2.0 Submission of duly verified parameter Database/MS-Word/MS-Excel sheet in the formats as prescribed by RECPDCL along with SLD (to be verified by agency from the representative of Discom), Digital Photographs of landmarks/major assets etc. All the data are to be uploaded on RECPDCL's portal (www.recpdcl.in). Portal will be made available to agency once they start the work. Softcopy of the SLD prepared by the agency are to be provided in pdf as well as GIS (SHP) format(s) with proper attributes or any other format(s) as feasible/requirement of RECPDCL.

3.0 Any changes or additional work as may be required by respective Discom as the case may be is to be carried out by agency without demur/protest/damage.

4.0 Coordination: Agency shall inform the name & address of the Nodal Officer who will report about their regular daily progress & performance of the assignment. Daily progress report as per the requirement of RECPDCL should be sent to **RECPDCL corporate office** in prescribed Performa. In case, absence of any information is adversely affecting the progress of work, the issue could be escalated to **Addl. CEO, RECPDCL**.

B. Performance/Progress Evaluation

- 1 The Bidder is required to submit the Time Schedule/Plan of implementation of the assignment as a sample case for one district with details of manpower & equipment's deployment as per **Annexure-I**. The Time Schedule/Plan should be prepared in such a way that work may start within 02 days from the date of issue of work order and inspection of network as per scope of work/requirement of RECPDCL in the allotted districts including submission of reports shall be completed within **45** days. Agency may propose their milestone targets to complete the work before schedule.
- 2 The agency concerned shall also provide Name/Contact Nos./Email IDs/Fax No. of all Key management officials.
- 3 Completion of assignment in time is most important element of the contract. The progress of work shall be evaluated on daily basis vis-à-vis proposed milestone target for completion of work. Submission of quality inspection reports will be the criteria with which the progress of the work will be measured.
- 4 **Sample checking of SLD/reports etc. may be done by REC PDCL team and if any deviation is found unreported or incorrectly reported by the agency concerned, then RECPDCL will ask the agency for re-submission either of the particular SLD/report etc. or complete data as decided by RECPDCL.**

SECTION-V

GENERAL CONDITIONS OF BID

1. The bidder should submit the documents through e tendering mode viz. **letter of submission of financial bid enclosed as Form-I, General criteria details enclosed as form-II, Financial bid/Performa of schedule rates enclosed as form-III, Annexure-I, Letter of Transmittal enclosed as annexure-II**, for evaluation of their financial bids. Original of requisite EMD to be submitted in original on or before last date of submission of Bids, fulfilling the above conditions will only be evaluated by the duly constituted evaluation committee. Bids of the bidders not fulfilling the conditions given above may be summarily rejected. Undertaking for subsequent submission of any of the above documents will not be entertained under any circumstances.
2. RECPDCL reserve the right to verify/confirm all original documentary evidence submitted by the bidder in support of above mentioned clauses of eligibility criteria, failure to produce the same within the period as and when required and notified in writing by RECPDCL shall result in summarily rejection of the bid at any stage.
3. Engagement with RECPDCL does not confer any right to the agencies to be invited for participating in any bids, tender etc. floated by RECPDCL. RECPDCL reserves the right to call bids/assign work/ associate the agency (ies) in any area as may be deemed fit by RECPDCL depending upon the profile provided by the agencies and requirement of assignment.
4. RECPDCL reserves the right to accept or reject any or all requests for engagement without assigning any reason or to accept in parts and engage more than one agency at its sole discretion.
5. Acceptance of the application(s) constitutes no form of commitment on the part of RECPDCL. Furthermore, this acceptance of the application confers neither the right nor an expectation of minimum order within the proposed project.
6. RECPDCL reserve the right to accept the whole or its part of part of any responses with any short fall at its sole discretion.
7. RECPDCL reserve the right to call for fresh tenders/financial bid invitation at any stage and /or time as per the present and /or envisaged RECPDCL requirements even if the tender is in evaluation stage or in any stage.
8. RECPDCL reserves the right to conduct the reverse auction (if required) for the products/ services being asked in the tender. The terms and conditions for such reverse auction event shall be as per the Acceptance Form attached as Form-IV of this document. The bidders shall mandatorily submit a duly signed copy of the Acceptance Form along with the tender document as a token of acceptance. In case of denial for participation, bidder shall not be entitled for any kind of claim.
9. RECPDCL reserve the right to modify, expand, restrict, scrap, re-float the tender without assigning any reason for the same.
10. The responder shall bear all costs associated with the preparation and submission of its response, and RECPDCL will in no case be responsible or liable for these costs, regardless of the conduct or the outcome of the tender process.
11. Consortium and joint venture in any form are not allowed. Also, bidders have to note that no sub-contracting / sub-letting are allowed.

Liquidated damages (LD) for delay for completion of work

a. The timely completion of the assignment is the essence of the contract. In the event of failure to complete the assignment within the stipulated completion period, the liquidated damages are payable by the agency at 0.5% (one percent) per week of delay or part thereof, of the unexecuted order value. However, the total liability of the agency under this clause shall be restricted to 5% of the contract value as awarded.

b. In case of continued non-satisfactory performance, RECPDCL have the right to withdraw the work & get completed the work at the risk and cost of the agency. Further the agency may be blacklisted for a period of one year or more for participating in any of the bids invited by RECPDCL. Also, RECPDCL would be free to intimate such black listing to various state/central utilities/ Ministry of Power/State Governments/other agencies not to consider the said agency for any assignment including of the same on websites.

SECTION-VI

Financial Bid EVALUATION METHODOLOGY

1.0 Preparation of Financial Bids

- 1.1 The Agency should upload Bid document with duly signed copy of the requisite documents through digital signature.
- 1.2 The Bidders are required to submit the complete financial bid documents through e-tendering only after satisfying each and every condition laid down in the tender documents. Other forms of the bid shall be summarily rejected.
- 1.3 Do not upload Financial Bid document with any other bid documents. Financial bid has to be uploaded separately.
- 1.4 Rates quoted should be firm and fixed. No price variation and escalation will be allowed.

2.0 Submission of Financial Bid:

- 2.1 Scan copy of "**Earnest Money Deposit**" along with letter of transmittal should be uploaded in portal.
- 2.2 Original EMD is to be submitted as on before the last date of the submission.
- 2.3 Financial Bid should only be submitted through e-tendering mode and duly digitally signed by the authorized person, giving full name of the firm with its current business address. The letter of authorization shall be indicated by written Power-of-Attorney/ Authorization Letter accompanying the bid.
- 2.4 REC PDCL reserves the right to reject any or all tenders or drop part of tender without assigning any reasons whatsoever.
- 2.5 The quotation shall be valid for entire contract period/completion of the Assignments.
- 2.6 The bidders should satisfy themselves before submission of the bid to RECPDCL that they understand and satisfy each and every condition laid down in the bid document.

3.0 Opening of Bid:

- 3.1 Tenders duly submitted/uploaded, will be opened online on the schedule date and time. The tenders will be opened and the bidders or their authorized representative may, if they so desire be present at the time of opening of tenders.
- 3.2 Bid of only those bidders will be opened who have submitted requisite EMD in original detail as above within the specified time limit.

3.3 If due date of receipt of tenders and/or that of opening of tender happens to be a closed holiday(s), the tenders would be opened on the next working day but the time of receipt and of opening will remain the same.

3.4 REC PDCL reserves the right to postpone and/or extend the date of submission/opening of tenders or to withdraw the tender notice, without assigning any reason thereof. In such a case the bidders shall not be entitled to any form of compensation from the RECPDCL.

4.0 Cost:

The Price Offer shall be for the assignment as per the Scope of work of Bid Document and shall remain FIRM throughout the period of contract. REC PDCL shall not pay and/or reimburse anything over and above the price quoted except Service Tax which shall be payable extra on quoted price, as applicable. The bidder shall have valid service tax registration and ensure deposit of service tax to the tax authorities. The REC PDCL reserves the right to ask the bidder to justify and establish price/rate reasonableness. In the event of an award of contract, income tax will be deducted by the REC PDCL at source as per law.

5.0 Financial Bid:

- 1) Bidders has to quote their rates strictly as per the financial bid format enclosed as form-III should be submitted/uploaded through online/e-tendering mode only.
- 2) The prices shall remain FIRM till entire contract period /completion of the Assignment.
- 3) Payments shall be made on the basis of total existing feeders completed by agency as per scope of work irrespective of number of Single Line Diagrams [comprising of existing and proposed SLD's, all network SLD from source sub-station to LT end, District wise electrical network and its superimposition on geographical maps(CD Block maps with village boundary), Block wise electrical network and its superimposition on geographical maps(CD Block maps with village boundary)] prepared for each 11 kV feeder subject to acceptance by RECPDCL. Also each 11kV feeder SLD must have all electrical network information like source sub-station, DTs, LT lines etc.
- 4) Bidder shall quote their fixed rate per 11 kV feeder as per prescribed format and accordingly work will be awarded to L-1 bidder(s).
- 5) The prices to be quoted would be inclusive of all taxes & duties excluding service tax which shall be payable extra as applicable.
- 6) Price quoted by bidders with any deviation or any conditionality, the offer will be treated as incomplete and will be rejected.
- 7) Any variation in rates, prices or terms during validity of the offer shall lead to forfeiture of the EMD of said bidder.

6.0 Earnest Money Deposit (EMD)

6.1 Bidders shall submit, Earnest Money of Rs. 5,000/- (Rs. Five Thousand only) in the form of irrevocable Bank Guarantee (BG) from a nationalized/scheduled Bank as per Performa enclosed as "**Annexure-III**" or Bank Draft drawn in favour of REC Power Distribution Company Limited payable at New Delhi and shall be initially be kept valid up to validity of the offer plus 30 days or such extended period. Tenders not accompanied by the requisite amount of Earnest Money shall be rejected.

6.2 Earnest Money shall be forfeited in case of the following:

- a) On revocation of tender or increase in rates after opening of the tender but before the validity of the quotations expires.
- b) On refusal to enter into contract agreement after award of contract.
- c) Non submission of Contract Performance Guarantee.

6.3 The EMD shall be returned without interest:

- a) To the all unsuccessful bidders and successful bidders on acceptance of LOA & submission of Contract Performance Guarantee by successful bidder.
- d) In case bidding process is terminated by REC PDCL for any reason.

7.0 Performance Bank Guarantee (PBG):

7.1 On award of assignment, 10% PBG of the respective contract value has to be submitted by the successful bidder in form of Demand Draft(DD)/ Bank Guarantee as per prescribed format enclosed as "**Annexure-IV**" issued in favor of REC Power Distribution Company Ltd. and Payable at New Delhi valid for completion period plus 90 days or such extended period. The performance bank guarantee shall be returned to the agency without any interest upon completion of all items of work as defined in scope of work, submission of final report and acceptance of the same by RECPDCL and in case of any failures/non-performance of the contract the PBG shall be forfeited/encashed.

7.2 Successful agencies under the EOI i.e GPS based survey and various associated activities of Power System Network against EOI No. RECPDCL/Tech/EOI/Empanelment/2301 dated 10.03.2015 who have not submitted the PBG against the empanelment, are required to submit the PBG at the time of submission of offer. Bid submission without PBG in case of those agencies who have not submitted earlier will not be considered and will lead to disqualification from the bid. Further, agencies/bidders who have already submitted the PBG earlier of Rs.1,00,000 (One Lakh only) need not submit PBG again, however details of earlier submitted PBG is required to be submitted.

8.0 Deviation:

The bidder must comply with the Scope of work, all terms and conditions & milestone target for completion of work as per bid document. No deviation on the lower side in this regard shall be accepted. In case of any deviation, Bids shall be summarily rejected.

9.0 Bidders may be present in person or may send their authorized representative at the time of opening of bid as per schedule. No further intimation shall be given if there is no change in the schedule. It is expected that all bidder shall attend the opening of bids. However, bids shall be opened and decision shall be taken even in absence of representative if the bid opening is not attended.

10.0 REC PDCL reserves the right to reject any offer in full or in part or to split/combine districts/blocks/substations etc. & award the work to one or more than one bidders, without assigning any reason thereof and without incurring any liability to the affected bidders for the action of REC PDCL.

11.0 In case it is decided to split the work to more than one agency at the lowest received rates, preference of work may be given to the agency which quoted the lowest rates in response to tender enquiry.

CONTRACT

1.0 Duration/ Period of Contract:

1.1 The contract period will be for **45** days from the date of the award of contract or providing Input data by RECPDCL including submission of reports. In case duration of the contract is required to be extended for the reason beyond control of agency the same shall be done with mutual consent on same rates, terms & conditions at the sole discretion of RECPDCL.

2.0 Termination of Contract:

2.1 The contract shall remain in force as per the award of work or till satisfactory completion of awarded work, whichever is earlier.

2.2 However, in case, in the opinion of REC PDCL if the agency is not likely to make up for the delay or test report checks by REC PDCL are indicating poor quality /work or the agency is acting in anyway prejudicial to the completion of project or on adoption of unethical practices, the contract may be terminated partly or fully by giving 15 days' notice and the balance works shall be got executed at the risk & cost of the agency and RECPDCL also reserve right to forfeit the PBG.

2.3 In case of default in services or denial of services, RECPDCL, at its sole discretion, will be free to avail services of other service providers at the "Risk & Cost" of the defaulter.

3.0 Terms of Payment:

Preparation of Single Line Diagram

The payment will be made to successful Bidder after the award of work, in the following manner:-

- a) No advance payment shall be made.
- b) Payments shall be made on the basis of total existing 11 kV feeders completed by agency as per scope of work irrespective of number of Single Line Diagrams [comprising of existing and proposed SLD's, all network SLD from source sub-station to LT end, District wise electrical network and its superimposition on geographical maps(CD Block maps with village boundary), Block wise electrical network and its superimposition on geographical maps(CD Block maps with village boundary)] prepared for each 11kV feeder subject by acceptance of RECPDCL. Also each 11kV feeder SLD must have all electrical network information like source sub-station, DTs, LT lines etc.
- c) All Payments shall be made in Indian Rupees only as per the following schedule:-

Sr No	Category	Percentage	Remarks
1.	After completion of Preparation Single Line Diagram of Power System Network and submission to RECPDCL.	30%	@ 30% of total contract value after completion of preparation of Single Line Diagram and submission to RECPDCL.
2.	After checking of all the submitted data/deliverables subject to acceptance of RECPDCL	70%	@ 70% of total contract value after checking of all the data by RECPDCL subject to acceptance by RECPDCL.

- d) The volume of work may increase or decrease as per requirement of the Project / RECPDCL.

4.0 Tax Deduction at Source:

Income Tax and any other taxes etc. as may be applicable from time to time during the currency of contract shall be deducted at source from the running bill(s).

5.0 Force Majeure

The REC PDCL and Agency shall ensure due compliance with the terms of this tender/Work order. However no party shall be liable for any claim for any loss or damage whatsoever arising out of failure to carry out the terms of the tender/Work order to the extent that such a failure is due to force Majeure events which include fire, riot, strike, lockout, forces of nature, accident, and act of God. But any party claiming the benefit of this clause shall satisfy the other party of the existence of such an event and give written notice within 72 hrs. of occurrence to the other party to this effect. The services covered under this tender/Work order shall be started as soon as the condition of force majeure ceases to exist against the particular party to this tender/Work order.

1.0 Disputes Resolution & Arbitration

- 1.1 Disputes under the agreement shall be settled by mutual discussion.
- 1.2 However, in the event amicable resolution or settlement is not reached between the parties, the differences of disputes shall be referred to and settled by the Sole Arbitrator to be appointed by Chairman, REC PDCL.
- 1.3 The arbitration proceedings shall be in accordance with the prevailing Arbitration and Conciliation Act, 1996 and Laws of India as amended or enacted from time to time.
- 1.4 The venue of the arbitration shall be New Delhi, India.
- 1.5 The fee & other charges of Arbitrator shall be shared equally between the parties.
- 1.6 The Arbitrator will give the speaking & reasoned award. The party will not be entitled to any Pendente lite interest during arbitration proceedings.

2.0 Jurisdiction of Courts etc.

The Courts/any other Tribunal or Forum in Delhi/New Delhi alone shall have exclusive jurisdiction with regard to any matter/dispute relating to or arising out this contract.

3.0 Sub-contracting

Agencies to which work is awarded are not allowed to Sub-contract the work to any other parties either in part or full.

4.0 Letter of Transmittal

Letter of transmittal as per enclosed format "**Annexure-II**" to be submitted along with EMD in a separate sealed envelope.

5.0 Quantity Variation/Split of work

(i) REC PDCL reserves the right to increase or decrease the quantity of work, split of the work to Agencies in District level/Division level/Block Level/Substation wise/ No. of feeders etc. without any change in unit prices or other terms and conditions at the sole discretion of the RECPDCL. Suitable Amendment/ communications shall be issued in the event of variations in the quantities.

6.0 It will be imperative on each bidder to fully acquaint itself of all the local conditions and factors which would have effect on the performance of the work and its cost.

Letter for Submission of Financial Bid

To,
Addl. Chief Executive Officer
RECPDCL,
1016-1023, 10th Floor,
Devika Tower,
Nehru Place, New Delhi-110019

Sub.: Engagement of Service Agency

Sir,

1. With reference to your Financial Bid No. _____ dated _____ for Preparation of "Single Line Diagram of Power System Network for JBVNL under RGGVY Scheme", I wish to apply for engagement with RECPDCL for "Single Line Diagram of Power System Network for JBVNL".

Further, I hereby certify that-

2. I have read the provisions of the all clauses and confirm that notwithstanding anything stated elsewhere to the contrary, the stipulation of all clauses of Tender are acceptable to me and I have not taken any deviation to any clause.
3. I further confirm that any deviation to any clause of Tender found anywhere in my Bid, shall stand unconditionally withdrawn, without any cost implication whatsoever to the REC PDCL.
4. Our bid shall remain valid for period of 120 days from the last date of bid submission.

Date:

Place:

Signature:

Full Name:

Designation:

Address:

Note: In absence of above declaration/certification, the Bid is liable to be rejected and shall not be taken into account for evaluation.

"Preparation of Single Line Diagram of Power System Network For JBVNL"

GENERAL CRITERIA DETAILS

- 1. **THE FIRM** : _____
- 2. **Name** : _____
- 3. **Regd. Address** :
 - a) **Address of Office** : _____

 - b) **Contact Person's**
 - i. **Name & Design.**: _____
 - ii. **Address** : _____

 - iii. **Tel No. Landline Mobile:** _____
 - iv. **Email ID** : _____
- 4. **Type of Firm (Please tick):** Private Ltd./ Public Ltd./ Cooperative/Partnership/Proprietor
- 5. **PAN No.** : _____
- 6. **Service Tax Reg. No.:** _____
- 7. **E.M.D. Details : Rs.** _____

DD No. _____

Name & Address of Bank: _____

Signature.....

.....

Full Name.....

....

Designation.....

.....

Address.....

.....

Financial Bid

Name of the Bidder: _____

Preparation of Single Line Diagram

S.No.	DESCRIPTION	AMOUNT (Rs.)	
A	Estimated Price of per 11 kV Feeder	1000.00	
B	Percentage increase/ decrease on estimated price of per 11 kV Feeder (i.e. on A above), inclusive of all taxes & duties except service tax. Bidder shall indicate (+) for increase and (-) for decrease. In case of no increase/decrease zero shall be entered. Percentage should be quoted up to two decimal only.	IN FIGURES	
C	Amount on the basis of percentage increase/decrease on estimated price as mentioned at "B" above [C=(A*B)]	₹	
D	Total amount of per feeder after considering percentage increase/decrease as above inclusive of all taxes & duties except service tax. [D=(A+C)]	₹ (In Fig)	
		₹ (In Words)	

Remarks: Rates are to be quoted strictly on per feeder basis.**Note:**

- Bidder shall indicate (+) for increase and (-) for decrease. In case of no increase/decrease zero shall be entered under sr no. B
- The percentage should be quoted up to 2 decimal place only.
- In case of discrepancy between value indicated by the Bidder "In Figure" and "In words" at Sr. No. B above, the value indicated at "In words" shall prevail.
- The prices shall remain FIRM till entire contract period /completion of the Assignment.
- It will be the sole responsibility of the bidders to get the assessment etc. No of 11kV feeders, length of the feeders of the Discom and various other parameters involved & its consideration before quoting the rates.
- The prices to be quoted would be inclusive of all taxes & duties exclusive of service tax which shall be payable extra as applicable.
- Price quoted by bidders with any deviation or any conditionality, the offer will be treated as incomplete and will be rejected.
- Any variation in rates, prices or terms during validity of the offer shall lead to forfeiture of the EMD/PBG of said bidder.

Authorized Signatory:

Address:

Financial bid to be uploaded in the specific format designed same may be downloaded from website www.tenderwizard.com/REC and after filling the form it is to be uploaded through digital signature

ACCEPTANCE FORM FOR PARTICIPATION IN REVERSE AUCTION EVENT

(To be signed and stamped by the bidder)

In a bid to make our entire procurement process more fair and transparent, RECPDCL intends to use the reverse auctions as an integral part of the entire tendering process. All the bidders who are found as technically qualified based on the tender requirements shall be eligible to participate in the reverse auction event.

The following terms and conditions are accepted by the bidder on participation in the bid event:

1. RECPDCL shall provide the user id and password to the authorized representative of the bidder.
(Authorization Letter in lieu of the same shall be submitted along with the signed and stamped Acceptance Form).
2. RECPDCL decision to award the work would be final and binding on the supplier.
3. The bidder agrees to non-disclosure of trade information regarding the purchase, identity of RECPDCL, bid process, bid technology, bid documentation and bid details to any other party.
4. The bidder is advised to fully make aware themselves of auto bid process and ensure their participation in the event of reverse auction and failing to which RECPDCL will not be liable in any way.
5. In case of bidding through Internet medium, bidders are further advised to ensure availability of the infrastructure as required at their end to participate in the auction event. Inability to bid due to telephone line glitch, internet response issues, software or hardware hangs, power failure or any other reason shall not be the responsibility of RECPDCL.
6. In case of intranet medium, RECPDCL shall provide the infrastructure to bidders. Further, RECPDCL has sole discretion to extend or restart the auction event in case of any glitches in infrastructure observed which has restricted the bidders to submit the bids to ensure fair & transparent competitive bidding. In case an auction event is restarted, the best bid as already available in the system shall become the basis for determining start price of the new auction.
7. In case the bidder fails to participate in the auction event due any reason whatsoever, it shall be presumed that the bidder has no further discounts to offer and the initial bid as submitted by the bidder as a part of the tender shall be considered as the bidder's final no regret offer. Any offline price bids received from a bidder in lieu of non-participation in the auction event shall be outrightly rejected by RECPDCL.
8. The bidder shall be prepared with competitive price quotes on the day of the bidding event.
9. The prices as quoted by the bidder during the auction event shall be inclusive of all the applicable taxes, duties and levies and shall be FOR at site.
10. The prices submitted by a bidder during the auction event shall be binding on the bidder.
11. No requests for time extension of the auction event shall be considered by RECPDCL.
12. The original price bids of the bidders shall be reduced on pro-rata basis against each line item based on the final all inclusive prices offered during conclusion of the auction event for arriving at Contract amount.

Signature & Seal of the Bidder

Daily, Weekly and Monthly milestone target for execution of work to be proposed by the Bidder for One District as a sample case including manpower & equipment's deployment.

LETTER OF TRANSMITTAL

To: [Name and address of Client]

.....
.....
.....

Dear Sir/s,

I/We, the undersigned, have examined the details given in your Request for Proposal dated [Insert Date] for Preparation of Single Line Diagram of Power system network in **JBVNL** for RECPDCL. We accept all the terms & conditions of the bid document without any deviation and submit the Bid. We hereby certify that M/s

_____ or its group companies have not been awarded any work for Preparation of Single Line Diagram of Power system network in JBVNL & shall not be a competitor to REC PDCL within the **JBVNL** during contract period in case the contract is awarded.

Also, M/s _____ or its group companies is not executing or providing any type of consultancy services either directly or as a sub-contractor for the particular work for which Bid is submitted.

It is confirmed that M/s. _____ is not banned or blacklisted by any Govt./Pvt. Institutions in India.

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

BID BANK GUARANTEE (EARNEST MONEY)

(To be stamped in accordance with Stamp act)

This deed of Guarantee made this _____ day of _____ 2016 by

(Name of the Bank)

having one its branch at _____ acting through its Manager (hereinafter called the "Bank") which expression shall wherever the context so requires includes its successors and permitted assigns in favour of REC Power Distribution Company Ltd., registered under the Companies Act, 1956, having its office at _____ (hereinafter called "RECPDCL") which expression shall include its successors and assigns.

WHEREAS RECPDCL has invited tender vide their Tender Notice No. _____

_____ Dated _____ to be opened on _____ AND _____ WHEREAS M/s _____

(Name of Tenderer)

having its office at _____ (hereinafter called the "Tenderer"), has/have in response to aforesaid tender notice offered to supply/ do the job _____ as contained in the tender.

AND WHEREAS the Tender is required to furnish to RECPDCL a Bank Guarantee for a sum of Rs.

_____ (Rupees _____ Only) as Earnest Money for participation in the Tender aforesaid.

AND WHEREAS, we _____

(Name of Bank)

have at the request of the tenderer agree to give RECPDCL this as hereinafter contained.

NOW, THEREFORE, in consideration of the promises we, the undersigned, hereby covenant that, the aforesaid Tender shall remain open for acceptance by RECPDCL during the period of validity as mentioned in the Tender or any extension thereof as RECPDCL and the Tenderer may subsequently agree and if the Tenderer for any reason back out, whether expressly or impliedly, from his said Tender during the period of its validity or any extension thereof as aforesaid or fail to furnish Bank Guarantee for performance as per terms of the aforesaid Tender, we hereby undertake to pay RECPDCL, New Delhi on demand without demur to the extent of Rs. _____ Rupees _____ only)

We further agree as follows:-

1. That RECPDCL may without affecting this guarantee extend the period of validity of the said Tender or grant other indulgence to or negotiate further with the Tenderer in regard to the conditions contained in the said tender or thereby modify these conditions or add thereto any

further conditions as may be mutually agreed to in between RECPDCL and the Tenderer AND the said Bank shall not be released from its liability under these presents by an exercise by RECPDCL of its liberty with reference to the matters aforesaid or by reason of time being given to the Tenderer or any other forbearance, act or omission on the part of the RECPDCL or any indulgence by RECPDCL to the said Tenderer or any other matter or thing whatsoever.

2. The Bank hereby waive all rights at any time in consistent with the terms of this Guarantee and the obligations of the Bank in terms thereof shall not be otherwise affected or suspended by reason of any dispute or dispute having been raised by the Tenderer (whether or not pending before any arbitrator, tribunal or court) or any denial of liability by the Tenderer stopping or preventing or purporting to stop or prevent any payment by the Bank to RECPDCL in terms thereof.
3. We the said Bank, lastly undertake not to revoke this Guarantee during its currency except with the previous consent of RECPDCL in writhing and agree that any charges in the constitution, winding up, dissolution or insolvency of the Tenderer, the said Bank shall not be discharged from their liability.

NOTWITHSTADING anything contained above, the liability of the Bank in respect of this Guarantee is restricted to the said sum of Rs. _____ (Rupees _____ only) and this Guarantee shall remain in force till _____ unless a claim under this guarantee is filed with the bank within 30 (thirty) days from this date or the extended date, as the case may be i.e. up to _____ all rights under Guarantee shall lapse and the Bank be discharged from all liabilities hereunder.

In witness whereof the Bank has subscribed and set its name and seal here under.

Note: - The date shall be thirty (30) days after the last date for which the bid is valid.

PERFORMANCE BANK GUARANTEE

M/s REC Power Distribution Company Ltd.,
Core 4, Scope Complex, Lodhi Road,
New Delhi — 110003 (INDIA)

(With due stamp duty if applicable)

OUR LETTER OF GUARANTEE NO.: _____

In consideration of REC Power Distribution Company Ltd., having its office at _____
_____ (hereinafter referred to
as "RECPDCL" which expression shall unless repugnant to the content or meaning thereof include all its
successors, administrators and executors) and having issued BID/Work Order No.
_____ dated _____ with/on M/s
_____ (hereinafter referred to as "The Agency" which
expression unless repugnant to the content or meaning thereof, shall include all the successors,
administrators, and executors).

WHEREAS the Agency having unequivocally accepted to perform the services as per terms and conditions
given in the BID/Work Order No _____ dated
_____ and RECPDCL having agreed that the Agency shall furnish to RECPDCL a Performance
Guarantee for the faithful performance of the entire contract, to the extent of 10% (ten percent) (or the
percentage as per the individual case) of the value of the BID/Work Order i.e. for
_____.

We, _____ ("The Bank") which shall include
OUR successors, administrators and executors herewith establish an irrevocable Letter of Guarantee No.
_____ in your favor for account of _____
_____ (The Agency) in cover of performance guarantee in accordance
with the terms and conditions of the BID/Work Order.

Hereby, we undertake to pay up to but not exceeding _____ (say _____
_____ only) upon receipt by us of your first written demand
accompanied by your declaration stating that the amount claimed is due by reason of the Agency having
failed to perform the BID/Work Order and despite any contestation on the part of above named-agency.

This letter of Guarantee will expire on _____ including 30 day of claim period and any
claims made hereunder must be received by us on or before expiry date after which date this Letter of
Guarantee will become of no effect whatsoever whether returned to us or not.

Authorized signature
Chief Manager/
Manager Seal of Bank

Note: The date shall be 90 days after the date of completion of contract.

NAME OF AGENCIES

S. No.	Name of Successful Agencies vide EOI No. 2301 dated 10.03.15
1	M/S. Xplorer Consultancy Service Pvt Ltd.
2	M/S. Trident Techlabs Pvt Ltd
3	M/S. Riding Consulting Engineers India Pvt Ltd
4	M/S. PRINAV GIS TECHNOLOGIES PVT. LTD.
5	M/s Power research & Development Consultants Pvt. Ltd
6	M/s Last Peak Data Private Limited
7	M/s. Stesalit Limited
8	M/s. N-Arc Consulting
9	M/S. COORD TECHNOLOGIES
10	M/s. ADCC Info cad Limited
11	M/S. RAMTECH SOFTWARE SOLUTIONS
12	M/S GEOINFOSYS TECHNOLOGIES
13	M/s AKS Constructions
14	M/s Habib Survey & design Private Limited
15	M/s North South GIS India Pvt. Ltd
16	M/S. NK ENTERPRISES