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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. of RECPDCL- U40101DL2007GOI165779

Corporate Office: 1016-1023, 10th Floor, Devika Tower, Nehru Place, New Delhi-110019
Tel: 011-4412 8755 Fax: 011-4412 8768, Web: www.recpdcl.in, E-mail: recpdcl@rediffmail.com
Regd. Office: Core-4, SCOPE Complex, 7 Lodhi Road, New Delhi-110003, Phone (011) 43091506 Fax: (011) 24365815

Notice Inviting Tender

(Tender invited through e-Tendering mode only)

For

Internet & Locational Links at DC and DR for IT Implementation at Goa Electricity Department

No. RECPDCL/TECH/Internet-GED/e-Tender/2015-16/1223 Dated: 11.08.2015

Description of task, Pre-qualifying criteria, e-tender submission format and procedure is available on REC Power Distribution Company Limited (RECPDCL) website (www.recpdcl.in), Rural Electrification Corporation (REC) website (www.recindia.nic.in), Central Publication Portal (www.eprocure.gov.in)

Important Dates for E- Tendering mode	
Date of Release of NIT	11.08.2015
Last date for queries / seeking clarification	16.08.2015 at 1800 Hours
Pre Bid Meeting	17.08.2015 at 1100 Hours
Last date of submission of Tender	01.09.2015 at 1500 Hours
Date of Opening of Technical bid	01.09.2015 at 1600 Hours
Date of Opening of Financial bid	To be intimated later

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 participating against this 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

TENDER INFORMATION

Name of the assignment:

Internet, DC-DR & Locational Links for IT Implementation at Goa Electricity Department

Important information

Si. No.	Event	Information to the agencies
1	Date of Release of NIT	11.08.2015
2	Last date for queries / seeking clarification	16.08.2015 at 1800 Hours
3	Pre Bid Meeting	17.08.2015 at 1100 Hours
4	Last date of submission of Tender	01.09.2015 at 1500 Hours
5	Date of Opening of Technical bid	01.09.2015 at 1600 Hours
6	Date of Opening of Financial bid	To be intimated later
7	Pre- Bid Meeting Address	REC Power Distribution Company Limited, 1016-1023, 10 th Floor, Devika Tower, Nehru Place, New Delhi- 110019, India Fax : 011-4128768
8	Tender Document	The details can be downloaded free of cost from the websites www.recpdcl.in (or) www.recindia.nic.in (or) www.eprocure.gov.in (or) www.tenderwizard.com/REC
9	EMD #	Rs 5,40,000/-
10	Address for Bid submission	Shri Subhash Chandra Garg, Addl. Chief Executive Officer, REC Power Distribution Company Limited, 1016-1023, 10 th Floor, Devika Tower, Nehru Place New Delhi- 110019, India. Fax : 011-4128768 Email- recpdcl.goa@gmail.com / recpdcl@rediffmail.com
11	Contact Person	Shri Sunil Bisht , Assistant Manager (Technical) REC Power Distribution Company Limited (RECPDCL) Phone:011-44128760; Fax:011-44128768 Email- recpdcl.goa@gmail.com / recpdcl@rediffmail.com

The EMD (Earnest Money Deposit) is to be submitted by all the participating Bidders in the form of demand draft/Bank Guarantee of an amount of Rs.5,40,000/- (Five Lakhs & Forty Thousand only/-) of any schedule Indian bank in favour of REC Power Distribution Company Limited, Payable at New Delhi .The EMD of unsuccessful Bidder will be returned within 180 days from the period of expiry of NIT and EMD of successful Bidder will also be returned after acceptance of work order and submission of PBG (Performance Bank Guaranty) i.e. 10% of the Contract Value (within 30 days from receipt of PBG).

➤ The bid shall remain valid for a period of 180 days from the date of bid submission.



SECTION-II

PREFACE

Goa Electricity Department (GED) has recently awarded IT Implementation Works under Part-A of R-APDRP Scheme to M/s REC Power Distribution Company Limited (RECPDCL) with Tata Power Delhi Distribution Limited as its Technology Partner.

The Scope of Services includes Preparation of Base-line Data System for the project area covering Consumer Indexing, GIS Mapping, Automatic Metering (AMR) on Distribution Transformers and Feeders, and Automatic Data Logging for all Distribution Transformers & Feeders and SCADA / DMS system for big cities only. It would include Asset Mapping of the entire distribution network at and below the 11kV transformers and include the Distribution Transformers and Feeders, Low Tension lines, poles and other distribution network equipment. It will also include adoption of IT applications for meter reading, billing & collection; energy accounting & auditing; MIS; redressal of consumer grievances and establishment of IT enabled consumer service centers etc.

In addition to the Towns and Cities with a population of more than 30,000 (10,000 in case of Special Category States) as per population data of 2001 Census in Goa, the certain high-load density rural areas with significant loads, works of separation of agricultural feeders from domestic and industrial ones, and of High Voltage Distribution System (11kV) will also be taken up in R-APDRP Part-A scheme and accordingly four towns have been identified to be covered under the scheme as per the details mentioned in Table 1.

Goa, a tiny emerald land on the west coast of India, the 25th State in the Union of States of India, was liberated from Portuguese rule in 1961. It was part of Union territory of Goa, Daman & Diu till 30 May 1987 when it was carved out to form a separate State. Goa is India's smallest state in terms of area and the fourth smallest in terms of population. Located on the west coast of India in the region known as the Konkan, it is bounded by the state of Maharashtra to the north and by Karnataka to the east and south, while the Arabian Sea forms its western coast.

Panaji (also referred to as Panjim) is the state's capital. Vasco da Gama is the largest city. The historic city of Margao still exhibits the influence of Portuguese culture and renowned for its beaches, places of worship and world heritage architecture, Goa is visited by hundreds of thousands of international and domestic tourists each year. It also has rich flora and fauna, owing to its location on the Western Ghats range, which is classified as a biodiversity hotspot.

Goa covers an area of 3702 square kilometers and comprises two Revenue district viz North Goa and South Goa. Boundaries of Goa State are defined in the North Terekhol River which separates it from Maharashtra, in the East and South by Karnataka State and West by Arabian Sea. Goa lies in Western Coast of India and is 594 Kms (by road) away from Mumbai city.

Goa, for the purpose of revenue administration is divided into district viz. North and South Goa with headquarters at Panaji and Margao respectively. The entire State comprises 11 talukas. For the purpose of implementation of development programmes the State is divided into 12 community development blocks. As per 2001 census, the population of the State is 13,42,998. A very striking feature of Goa is the harmonious relationship among various religious communities, who have lived together peacefully for generations. Though a late entrant to the planning process, Goa has emerged as one of the most developed States in India and even achieved the ranking of one of the best states in India with regards to investment environment and infrastructure.

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This NIT is being floated to appoint bidder for Rate Contract for providing Internet at DC-DR & Locational Links for IT Implementation at Goa Electricity Department at various locations / offices. The bandwidth for the links is required to be provided against release orders which would be placed as and when required. The activities for bidder are described in the detailed scope of work.

Name of Town	Area in Sqkm	Network Length	No. of Consumers	No. of Transformers
Panjim	506	14220	5.16 Lacs	5000
Margao	1391			
Mapusa	1239			
Marmagao	109			

Above data is only for reference and may vary in actual

Information of Project Areas				
Name of Project Area (town)	Number of Subdivisions Offices	Number of Other Offices	Nearest Railway Station to HQ	Nearest Functional Airport to HQ
Panaji	8	25	Carambolim	Dabolim Airport
Marmagao	4	19	Vasco Da Gama	Dabolim Airport
Margao	10	62	Madgao	Dabolim Airport
Mapusa	8	85	Tivim	Dabolim Airport



SECTION-III

Instructions to Bidders

3.1 Submission of Bid

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

A. The submission and opening of Bids will be through e-tendering process.

Bidder can download Bid document from the RECPDCL web site i.e. <http://www.recpdcl.in> or www.recindia.nic.in or www.eprocure.gov.in and RECPDCL's e-tendering portal i.e. www.tenderwizard.com/REC

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

Steps for Registration

- (i) Go to website <http://www.tenderwizard.com/REC>
- (ii) Click the link 'Register Me'
- (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

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. It is sole responsibility of the bidder to register in advance.

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

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

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

C. The Agency qualifying the criteria mention in section VI should upload Bid document with duly signed scanned soft copy of the documents given below for the prequalifying response:

Pre- Qualifying Criterion Documents/Technical Bid

- 1 Form-I -----Letter of submission of Tender
- 2 Form-II -----Pre-Qualifying Criteria Details
- 3 Form-IV ----- No Deviation Certificate
- 4 Form-V -----Manufacturer Authorization Form
- 5 Annexure-B -----Acceptance form for participation in reverse auction event
- 6 Annexure-C -----Checklist for Bidders



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EMD of Rs. 5,40,000/- in form of DD or Bank Guarantee may be drawn from a scheduled commercial bank in favour of The “REC Power Distribution Company Ltd”, New Delhi and 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 (to be submitted through online mode only)

Financial bid to be submitted 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.

The all document 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

SCOPE OF WORK & SERVICE LEVEL AGREEMENT

1. Detailed Scope of Work

- a. The scope of work covers supply, installation, commissioning and maintenance of VPN / MPLS / leased line circuit based WAN solution at Datacentre, Customer Care Centres, Sub division, division, Circle, Head Quarter and any other office of the utility.
- b. The bidder shall provide 5 years warranty and services support of all supplied, installed and commissioned equipment as per Service Level Agreement (SLA).
- c. The bidder shall comply with the general guidelines, as well as those specified by Gol from time to time to ensure seamless inter-operability and interconnectivity.
- d. Any WAN Network of Central or State Government may also be used for this project, subject to availability of spare capacity, technical feasibility and permission from requisite authority.
- e. The bidder to ensure that WAN shall be a TCP/IP based network on a high-performance packet forwarding technology that integrates the performance and traffic management capabilities of data link layer (Layer 2) switching with the scalability, flexibility, and performance of network layer (Layer 3) routing.
- f. The bidder to ensure that WAN be built to incorporate any open standards available as per Open Systems Interconnection (OSI) model. The network should support seamless transformation and integration of protocols. For example, migration from IPv4 to IPv6 as and when the transition is required.
- g. The bidder to ensure that WAN must use the hardware devices, such as Internet routers, terminal servers, Internet systems that interface to Ethernets, or datagram-based database servers, which support open standards and have open Network Management System (NMS) support for monitoring, configuring and measurement of the network resources.
- h. The bidder to ensure that WAN shall have the capability to run IP routing protocols like OSPF (Open Shortest Path Find) version 2, OSPF v3, RIP v2, RIP, OSPF over demand circuit, IS-IS, BGP4.
- i. The bidder to ensure that WAN may run any routing protocol (like OSPF, BGP) depending on the individual design criteria of the WAN. It is mandatory that the network should allow interaction between multiple routing protocols for keeping a unified network reach ability table across the country.
- j. While two routing protocols are interacting to exchange routing updates, there should be the capability to selectively filter certain routes for security reasons.
- k. The bidder to ensure that WAN should be capable to provision IP multicast based services. The same would require the capability of running industry standard IP multicast protocols like Protocol Independent Multicast (PIM) Sparse Mode and Dense Mode, Multicast OSPF (MOSPF), multicast BGP (MBGP) and DVMRP or equivalent.
- l. WAN should have the multicast group management capability through Industry standard protocols like Internet Group Management Protocol (IGMP) version 1, 2 and 3.
- m. The voice networking of WAN should be based on IP and should be designed in such a way that a central call processing system is able to service phones at remote locations. WAN should have the voice conferencing solution deployed based on industry standard protocols.

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- n. All communications happening over various links within the WAN should be encrypted using standard protocols like IPSec, 3DES & AES to ensure highly secure communication.
- o. All equipment proposed shall ensure optimum throughput to take care of the connectivity requirements of the network including minimum bandwidth requirement and scalability in bandwidth.
- p. All networking equipment proposed shall support SNMP (Simple Network Management Protocol).
- q. The routers at Data centre shall have the provision for connecting to DR site in case the same is established at a later date. (Routers to be provided by REC-PDCL). Bidder to ensure locational offices connectivity up and running from DR site in case of unavailability of Data Centre.
- r. The capacity of the links at various tier of WAN will be up gradable subject to actual usage and utilization for the particular channel. The Bidder shall be responsible for regular monitoring of bandwidth utilization and generating reports at regular interval.

1.1 Quantity Variation clause:

The evaluation shall be made on the overall cost of the items and quantities mentioned in the RFP. However, while placing the order, or during the execution, the utility reserves the right to modify the quantities of individual items to the extent of +/- 20% of the mentioned BoQ subject to within a range of 10% of the value of the overall project cost.

1.2 WAN at DC, NOC and Utility HQ:

- a. As the NOC at Data Centre shall hold the core interconnecting routers and critical servers of WAN, the availability of this Network operating centre is highly critical. Failure of any components in this centre would bring down the entire network. So, the design of the Data Centre along with the NOC should meet the high availability requirement.
- b. Utility HQ offices would be connected to the Data Centre through a minimum 2Mbps MPLS/VPN links and ISDN links.
- c. Data Centre and DR Site will be connected to Internet through 4 Mbps Internet Leased Line. The Internet link shall be terminated in a separate Internet router.
- d. The Data Centre shall have facilities for connecting to Utility HQ, all the remote utility offices in Circles, divisions, Sub divisions etc. as per the requirement of utility and all the Customer care centres.
- e. Data Centre shall be connected to DR site through 50 Mbps WAN connectivity, with provision to grow up to 100 Mbps over a period of 6-7 years.
- f. In case of a disaster strike at primary data centre, the DR site will take over and will start functioning as the primary site.
- g. The necessary bandwidth provisioning from locational offices to DR site is within the scope of bidder.

1.3 WAN for Circle and Division offices –

There will not be any connectivity in office hierarchy. All connectivity of distant locations will be directly connected to the Data center. The proposed network has to be on a minimum 2 Mbps VPN connectivity along with ISDN BRI / PRI line as back up connectivity. The various offices like circles and divisions and various other offices as per the requirement of the utility will be connected to Data Centre via VPN cloud of the Service Provider. MPLS based Broadband/Leased Line as an alternative to ISDN as back up link may also be considered as per the requirement and availability. The uplink WAN connection will terminate in a networking device, which will be connected to the switch via security equipment, which will ensure the fully secure enterprise VPN.

1.4 WAN for Sub division offices and Customer care centres –

- a. The Sub divisional Head Quarters would be connected to the Data centre through a minimum 2 Mbps VPN connectivity from service provider along with ISDN BRI / PRI line as back up connectivity. MPLS based Broadband/Leased Line as an alternative to ISDN as back up link may also be considered as per the requirement and availability. The Sub divisional HQ Routers shall have ISDN BRI / PRI Card for ISDN connectivity in case of link failure.
- b. The Customer care centres would also be connected to the Data centres through a minimum 2 Mbps VPN connectivity from service provider along with ISDN BRI / PRI line as back up connectivity. MPLS based Broadband/Leased Line as an alternative to ISDN as back up link may also be considered as per the requirement and availability. The Routers at Customer care centres shall also have ISDN BRI /PRI Card for ISDN connectivity in case of link failure.

2. LOCATION WISE INDICATIVE QUANTITY

2.1. Hierarchy of the office in the administrative setup

Level	Name of Office
1	Head Quarter
2	Circle
3	Division
4	Sub Division
5	Distribution Centre/Section Office
6	Collection Centre
7	Sub Station

2.2 WAN Implementation Hardware, Software, Services

S.No	Location Offices	Primary Connectivity to DC and DR	Back up / secondary Connectivity (ISDN/VSAT/Any Other physical media other than primary connectivity) to DC and DR
1	Division Offices / Sub Division Offices	2 Mbps	512 Kbps
2	Customer care centers	2 Mbps	512 Kbps
3	Section Offices	2 Mbps	512 Kbps
4	Other offices	2 Mbps	512 kbps
5	Sub Station Offices	2 Mbps	512 kbps
6	MPLS at Data Centre / DR Site	Aggregated 60 % bandwidth of the total bandwidth at locational offices	N/A
7	Internet Bandwidth at Data Centre and DR Site	4 Mbps	N/A
8	Data Centre to DR Site	50 Mbps	N/A

A provision of upgrading of bandwidth at various locations shall be extended further to its double the required bandwidth as and when required, comes under the scope of the bidder.

2.3 Bill of material –

2.3.1 – Bill of material for Locational offices – Below tables depicts Bill of material for locational offices and for DC / DR internet connectivity. For physical locations having multiple offices, bidder to quote prices for the consolidated bandwidth. For reference, please consider point no. 2.4 for list of offices, bandwidth required and physical locations.

Bill of Material - Locational offices										
Sr. No	Location / Town	Divisions	Sub Division	Sub-Station	Section offices	Other Offices	Total No. of physical locations	Total No. of Offices	Estimated bandwidth per office (Primary)	Estimated bandwidth per office (Secondary)
1	Panjim	5	14	17	33	3	45	72	2 Mbps	512 Kbps
2	Marmagao	2	6	6	18	1	22	33		
3	Mapusa	4	16	14	44	3	54	81		
4	Margao	6	23	17	30	3	55	79		
Total		17	59	54	125	10	176	265		

2.3.2 Bill of material for Data Centre and DR site –

Data Centre / DR Site		
Sr. No	Item	Bandwidth
1	MPLS connectivity at DC and DR site	Aggregated 60 % bandwidth of the total bandwidth of locational offices
2	Internet connectivity at Data Centre	4 Mbps
3	Internet connectivity at DR site	4 Mbps
4	Data Centre to DR site connectivity	50 Mbps

No. of physical locations	No. of offices per location	Primary Bandwidth required per office (In Mbps)	Secondary Bandwidth required per office (In Mbps)	Primary Bandwidth required per location (In Mbps)	Secondary Bandwidth required per location (In Mbps)
B	C	D	E	F	G
1	18	2.0	0.5	36.0	9.0
1	11	2.0	0.5	22.0	5.5
1	9	2.0	0.5	18.0	4.5
2	8	2.0	0.5	16.0	4.0
3	5	2.0	0.5	10.0	2.5
3	4	2.0	0.5	8.0	2.0
3	3	2.0	0.5	6.0	1.5
13	2	2.0	0.5	4.0	1.0
149	1	2.0	0.5	2.0	0.5
176	265				

For physical locations having multiple offices, bidder to quote prices for the consolidated bandwidth

2.4 List of Offices for WAN Connectivity (Primary)

Below list depicts bandwidth required for primary connectivity. For secondary connectivity bandwidth calculations for all offices mentioned in below list shall be in the scope of bidder as per NIT point no. 2.2. **Bidder is required to estimate the secondary connectivity bandwidth for each offices and provide the list along with the bid.**

2.4.1 List of Offices for WAN Connectivity – Panaji

S.No.	Office Location	Total No.of Offices	Division (2 Mbps)	Sub Division (2 Mbps)	Sub-Station (2 Mbps)	Section offices (2 Mbps)	Other Offices (2 Mbps)	Estimated BW required (in Mbps)
	NOS.	72	5	14	17	33	3	
1	Vidyut Bhawan, Panaji	9	(1) Division 1 (O&M)	(2) Sub Division 2 (Panaji-Division 1) Sub Division 2 (MRT)		(4) Section office - Panaji City 1 Section office - Panaji City 2 Section office - Panaji City 3 Section office (St. Light Maint.)	(2) Chief Electrical Engineer office Superintending Engineer office	18
2	Corlim	2		(1) Sub Division 1 (Panaji-Division 1)		(1) Section office (Corlim)		4
3	Bambolim	3		(1) Sub Division 3 (Panaji-Division 1)		(2) Section office (Bambolim) Section office (Chimbel)		6
4	Taleigao	5		(1) Sub Division 4 (Panaji-Division 1)		(4) Section office (teleigao) Section office (Dona paula) Section office (Carenzale)		10

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						m) Section office (St. Light Maint.)		
5	Diwar	1				(1) Section office		2
6	Chorav	1				(1) Section office		2
7	Old Goa	1				(1) Section office		2
8	Goa velha	1				(1) Section office		2
9	Neura	1				(1) Section office		2
10	Santa Cruz	1				(1) Section office		2
11	Corlim	1			(1) Sub Statio n			2
12	Althino	1			(1) Sub Statio n			2
13	EDC	1			(1) Sub Statio n			2
14	Campal	1			(1) Sub Statio n			2
15	Bamboli m	1			(1) Sub Statio n			2
16	Pilar	1			(1) Sub Statio n			2
17	NIO	1			(1) Sub Statio n			2
18	IT Park	1			(1) Sub Statio n			2
19	Vidyut Bhawan,	8	(2) Division	(5) Sub Division		(1) Section office		16

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	Ponda		3 (EHV) Division 10 (O&M)	1 (Ponda- Divi 10) Sub Division 2 (Ponda- Divi 10) Sub Division 3 (Ponda- Divi 10) Sub Division 4 (Margao -Divi 2) Sub Division 1 (Divi 15 Patto plaza)		(Constructi on)		
20	Curti Ponda	1		(1) Sub Division 4 (MRT- Divi 8)				2
21	Curti Ponda	1					(1) Store (Divi 10)	2
22	Ponda	2				(2) Section office 1 Section office 2		4
23	Bethora	1				(1) Section office		2
24	Shiroda	1				(1) Section office		2
25	Dharband ora	1				(1) Section office		2
26	Usgao	1				(1) Section office		2
27	Aggassai m	1				(1) Section office		2
28	Kumbharj ua	1				(1) Section office		2
29	Marcella	1				(1) Section office		2
30	Savoi - Verem	1				(1) Section office		2
31	Merces	1				(1) Section office		2

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32	IDC	1				(1) Section office		2
33	Mardol	1				(1) Section office		2
34	Madkai	1				(1) Section office		2
35	Curti	1			(1) Sub Station			2
36	Coroli Ponda	1			(1) Sub Station			2
37	Betora	1			(1) Sub Station			2
38	Shiroda	1			(1) Sub Station			2
39	Dharbandora	1			(1) Sub Station			2
40	Cundaim	1			(1) Sub Station			2
41	Madkai	1			(1) Sub Station			2
42	Ponda	1			(1) Sub Station			2
43	Patto Plaza, IDC	2	(1) Division 15 (Civil)			(1) SLDC Section		4
44	Kadamba	4	(1) Division 13 (EHV)	(3) Sub Division 1 (Division 13) Sub Division 2- (Division				8

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				13) Sub Division 3 (Division 13)				
45	Kadamba	1			(1) Sub Station			2

2.4.2 List of Offices for WAN Connectivity – Marmagao

S.No.	Office Location	Total No.of Offices	Division (2 Mbps)	Sub Division (2 Mbps)	Sub-Station (2 Mbps)	Section offices (2 Mbps)	Other Offices (2 Mbps)	Estimated BW required (in Mbps)
	NOs.	33	2	6	6	18	1	
1	Vidyut Bhawan, Vasco	8	(1) Division 11 (O&M)	(3) Sub Division-1 (Vasco-Division 11) Sub Division-2 (Vasco-Division 11) Sub Division (Vasco-Division 11)		(4) Section office (St.Light off Maint.) Section office (HT maint.) Section office (Vasco) Section office (Mangoor)		16
2	Majorda	1				(1) Section office		2
3	Cansaulim	1				(1) Section office		2
4	Nuvem	1				(1) Section office		2
5	Velsao	1				(1) Section office		2
6	Zuarinagar	1				(1) Section office		2
7	Dabolim	1				(1) Section office		2
8	Sancoale	1				(1) Section office		2
9	Chicalim	1				(1) Section office		2
10	New Waddem	1				(1) Section office		2
11	Cortarim	1				(1) Section office		2
12	Baina	1				(1) Section office		2

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	Sada	1				(1) Section office		2
14	Jetty	1				(1) Section office		2
15	Kadamba	1			(1) Sub Station			2
16	Harbor	1			(1) Sub Station			2
17	Sancole	1			(1) Sub Station			2
18	Vidyut Bhawan, Verna	4	(1) Division 14 (EHV)	(2) Sub Division 1 (Verna-Division 14) Sub Division 2, (Verna-Division 14)			(1) Fuse Call Centre(2M bps)	8
19	Verna	2		(1) Sub Division 3 (Verna-Division 14)		(1) Section office, Verna		4
20	Verna	1			(1) Sub Station			2
21	In SD I	1			(1) Sub Station			2
22	Majorda	1			(1) Sub Station			2

2.4.3. List of Offices for WAN Connectivity – Mapusa

S.No.	Office Location	Total No.of Offices	Division (2 Mbps)	Sub Division (2 Mbps)	Sub-Station(2 Mbps)	Section offices (2 Mbps)	Other Offices (2 Mbps)	Estimated BW required (in Mbps)
	NOs.	81	4	16	14	44	3	
1	Vidyut Bhawan, Mapusa	11	(2) Division 6 (O&M) Division 17 (O&M)	(4) Sub Division 1 (Mapusa-Division 6) Sub Division 3 (Mapusa-Division 6) Sub Division 3 (Mapusa MRT) Sub Division 2, (Division 17)		(4) Section office 1, Mapusa Section office 2, Mapusa Section office 3, Mapusa Section office (Gurim para)	(1) Fuse Call Centre (2 Mbps)	22
2	Porovarim	4		(1) Sub Division 2 (Mapusa-Division 6)		(3) Section office -HT maintenance Section office Brittona Section office		8

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						(Porovarim)		
3	Candolim	2		(1) Sub Division 4 (Mapusa-Division 6)		(1) Section office (Candolim)		4
4	Saligao	1				(1) Section office		2
5	Aldona	1				(1) Section office		2
6	Arpora-Nagao	1				(1) Section office		2
7	Calangute	1				(1) Section office		2
8	Baga	1				(1) Section office		2
9	Verem	1				(1) Section office		2
10	Pernem	5		(1) Sub Division1 (Mapusa-Division 17)		(4) Section office - HT maintenance Section office, Torsem Section office, Korgao Section office, Casarvamen		10
11	Agarwada	3		(1) Sub Division3 (Mapusa-Division 17)		(2) Section office -HT maintenance Section office - Agarwada		6
12	Colvale	1				(1) Section office		2
13	Moirra	1				(1) Section office		2
14	Tivim	1				(1) Section office		2
15	Anjuna	1				(1) Section office		2
16	Nachinola	1				(1) Section office		2
17	Morjim	1				(1) Section office		2
18	Mandrem	1				(1) Section office		2
19	Siolim	1				(1) Section office		2
20	Mapusa	1			(1) Sub Station			2
21	Thivim	1			(1) Sub Station			2

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22	Candolim	1			(1) Sub Station			2
23	Nagoa	1			(1) Sub Station			2
24	Porvorim	1			(1) Sub Station			2
25	Shlagao	1			(1) Sub Station			2
26	Nationala	1			(1) Sub Station			2
27	Pernem	1			(1) Sub Station			2
28	Tuem	1			(1) Sub Station			2
29	Vidyut Bhawan, Bicholim	2	(1) Division 5 (O&M)	(1) Sub Division 1 (Bicholim-Division 5)				4
30	Sanquelim	2		(1) Sub Division2 (Bicholim-Division 5)			(1) Store	4
31	Valpoi	2		(1) Sub Division3 (Bicholim-Division 5)			(1) Store	4
32	Karaswad do	1				(1) Section office		2
33	Poriem	1				(1) Section office		2
34	Bicholim	1				(1) Section office		2
35	Mayem	1				(1) Section office		2
36	Assanora	1				(1) Section office		2
37	Kasarpal	1				(1) Section office		2
38	Sanquelim	1				(1) Section office		2
39	Kudne	1				(1) Section office		2
40	Pale	1				(1) Section office		2
41	Karapur	1				(1) Section office		2
42	Valpoi	1				(1) Section office		2
43	Nagargao	1				(1) Section office		2
44	Thane	1				(1) Section office		2
45	Bhironda	1				(1) Section office		2
46	IDC	1				(1) Section office		2

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47	IDC-Honda	1				(1) Section office		2
48	Bicholim	1			(1) Sub Station			2
49	Pale	1			(1) Sub Station			2
50	Sanquelim	1			(1) Sub Station			2
51	Valpoi	1			(1) Sub Station			2
52	Vidyut Bhawan, Tivim	5	(1) Division 9 (EHV)	(4) Sub Division 2(Tivim-Division 9) Sub Division 2 (Division 15) Sub Division 2 (Division 15) Sub Division 3 (Tivim-Division 9)				10
53	Tivim	1		(1) Sub Division 3 (Division 2)				2
54	Tivim	1			(1) Sub Station			2

2.4.4. List of Offices for WAN Connectivity – Margao

S.N o.	Office Location	Total No.of Offices	Division (2 Mbps)	Sub Division (2 Mbps)	Sub-Station(2 Mbps)	Section offices (2 Mbps)	Other Offices (2 Mbps)	Estimated BW required (in Mbps)
	NOs.	79	6	23	17	30	3	
1	Vidyut Bhawan, Margao	18	(3) Division-4 (O&M) Division-8 (MRT) Division-2 (Stores and Workshop)	(11) Sub Division 1 (Margao-Divi 4) Sub Division 1, (Margao-Divi 8) Sub Division 2, (Divi 8) Sub Division 3, (Margao-Divi 8) Sub Division RT unit, (Divi 8) Sub Division HTMT unit,		(1) Section office 1 (Sub Division 1)	(3) Sub Division-1 Stores, (Divi- 2) Sub Division-2 Stores, (Divi-2) Superintending office	36

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				(Divi 8) Sub Division Vigilance, Margoa Sub Division 2 (Margao) Sub Division 4 (Margao) Sub Division 5 (Margao) Sub Division 6 (Margao)				
2	Cancona	2		(1) Sub Division 3 (Margao- Division 4)		(1) Section office, Chaudi		4
3	Pajifond	1		(1) Sub Division 1 (Margao- Division 2)				2
4	Nessai	1				(1) Section office		2
5	Guirdolim	1				(1) Section office		2
6	Varca	1				(1) Section office		2
7	Raia	1				(1) Section office		2
8	Davorlim	1				(1) Section office		2
9	Shrishtal	1				(1) Section office		2
10	Camorlim	1				(1) Section office		2
11	Colva	1				(1) Section office		2
12	Navelim	1				(1) Section office		2
13	Carmona	1				(1) Section office		2
14	Agonda	1				(1) Section office		2
15	Assolna	1				(1) Section office		2
16	Curtorim	1				(1) Section office		2
17	Acquem	1			(1) Sub Station			2
18	Monte Hill	1			(1) Sub Station			2
19	Fatorda	1			(1) Sub Station			2
20	KRC	1			(1) Sub Station			2
21	Nessai	1			(1) Sub Station			2

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22	Raia	1			(1) Sub Station			2
23	Vidyut Bhawan , Churcorem	1	(1) Division 7 (O&M)					2
24	Churcorem	1		(1) Sub Division 1 (Churcorem-Division 7)				2
25	Quepem	2		(1) Sub Division 2 (Churcorem-Division 7)		(1) Section office (Quepem)		4
26	Sanguem	1		(1) Sub Division 3 (Churcorem-Division 7)				2
27	Pontemol	1		(1) Sub Division 4 (Churcorem-Division 7)				2
28	Sanvordem	1				(1) Section office		2
29	Assolda-Xelvona	1				(1) Section office		2
30	Covre-pirla	1				(1) Section office		2
31	Poinguinim	1				(1) Section office		2
32	Paroda	1				(1) Section office		2
33	Tinamol	1				(1) Section office		2
34	Rivona	1				(1) Section office		2
35	Netravali	1				(1) Section office		2
36	Dabal	1				(1) Section office		2
37	Sigao	1			(1) Sub Station			2
38	Pondelem	1			(1) Sub Station			2
39	Vaddem	1			(1) Sub Station			2
40	Xeldem	1			(1) Sub Station			2
41	Rivona	1			(1) Sub Station			2
42	Vidyut Bhawan , Xeldem	3	(1) Division 12 (EHV)	(2) Sub Division 1 (Xeldem-Divi 12) Sub Division 2 (Xeldem-Divi				6

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				12)				
43	Xeldem	1			(1) Sub Station			2
44	Vidyut Bhawan , Margao	1	(1) Division 16 (O&M)					2
45	Benaulim	2		(1) Sub Division 1 (Margao-Divi 16)		(1) Section office		4
46	Chinchinim	2		(1) Sub Division 2 (Margao-Divi 16)		(1) Section office (Chinchimin)		4
47	Canacona	1		(1) Sub Division 3 (Margao-Divi 16)				2
48	Cuncolim	2		(1) Sub Division 4 (Margao-Divi 16)		(1) Section office (Cuncolim)		4
49	Balli	1				(1) Section office		2
50	Velim	1				(1) Section office		2
51	Benaulim	1			(1) Sub Station			2
52	Cuncolim	1			(1) Sub Station			2
53	Velim	1			(1) Sub Station			2
54	Canacona	1			(1) Sub Station			2
55	Poinguinim	1			(1) Sub Station			2

Timelines for Delivery And Installation

Bidder is required to deliver communication link with desired bandwidth along with associated equipment at the specified locations / offices within 6 -8 weeks from the date of the Release Order. Locations/Offices would be as specified in the Release Order.

Service Level Agreement (SLA)

The SLA covers the following services:

Parameter	Service Level	Validation	Penalty
SI to monitor the availability of the network link for 99% uptime. SI should measure link availability on a monthly basis.	99%	Downtime reports Reports on the Network performance	Penalty of 2% per month will be deducted from the monthly Order Value charges of that affected link, if the reports are not submitted by the bidder.
Resolution of ticket logged related to Networks	99%	Reports generated from Ticket logging system	
Data Centre Network including internet, MPLS, DC-DR link Availability Minimum of 99.8% uptime measured on a monthly basis	99.80%	Report	2% of monthly Order Value charges for less than 99.8% 3% of monthly Order Value charges for less than 98.0% 5 % of monthly Order Value charges for less than 95%
Divisional & Other Offices Network Availability Minimum of 97% uptime measured on a monthly basis	97%	Report	2% of monthly Order Value charges for less than 97% 3% of monthly Order Value charges for less than 95%

Uptime Calculation for the month:

$\{[(\text{Actual Uptime} + \text{Scheduled Downtime}) / \text{Total No. of Hours in a Month}] \times 100\}$

"**Actual Uptime**" means, of the Total Hours, the aggregate number of hours in any month during which each equipment, is actually available for use.

"**Scheduled Downtime**" means the aggregate number of hours in any month during which each equipment, is down during total Hours, due to preventive maintenance, scheduled maintenance, infrastructure problems or any other situation which is not attributable to Supplier's (or Service provider's) failure to exercise due care in performing Supplier's responsibilities.

The bidder would provide a maximum of 04 hours of planned downtime for the preventive maintenance (as part of scheduled downtime) per month per equipment/service.

The downtime for scheduled maintenance (patch application, upgrades – OS, Database, etc.) would need to be mutually agreed between Utility and the Bidder. To reduce this time, various maintenance activities can be clubbed together with proper planning.



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"**Total Hours**" means the total hours over the measurement period i.e. one month (24 * number of days in the month).

Downtime Calculation:

The recording of downtime shall commence at the time of registering the call with Supplier or Service Provider for any downtime situation for the equipment.

Downtime shall end when the problem is rectified and the application/ service is available to the user.

Down time will not be considered for following:

1. Pre-scheduled preventive maintenance and health checks (Scheduled Downtime).
2. Failover time (30 minutes) in case of cluster environment beyond which the service would be considered to be not available and appropriate penalty shall be imposed on the Supplier.
3. Bug in any application which causes the non-availability of the service.

SLA for Internet Links / Locational link

- The vendor should provide 4 Mbps (1:1) Internet link on Ethernet. The Termination of the link location will be at Data center and DR center.
- The Latency to the global IP should be less than 300 ms.
- The latency from locational offices to Data Centre / DR Site should be less than 25 ms at any given point of time.
- Bandwidth provided should be in contention ratio of (1:1) on each locational link.
- The vendor Ethernet link should ensure no packet loss. The packet loss shall be measured on sample basis of 1000 PING of 64 bytes and will be measured over a period of 24hrs.
- In case of any scheduled unavailability for any link, the vendor shall intimate at least one day (1 day) in advance to GED about the schedule.
- Vendor must submit their escalation chart.
- All the TCP/IP ports should be opened at the time of installation.
- This Service level agreement would be valid for entire period of contract.

Response / Resolution Time

- Resolution Time - 4 Business Hours including response time

Method of contact to Engineer

Bidder is required to submit the support escalation matrix for L1, L2, and L3 support along with the bid. Bidder should mention contact no, e-mail id and name of concerned person in this matrix. The support team of the bidder will work with IT Helpdesk of user for ensuring complaint resolution for any breakdown in the Cable/other hardware as per SLA.

Reporting

The Bidder shall prepare a monthly Uptime Summary Report in the User prescribed format.

PAYMENT CRITERIA

1. The payment cycle will commence only after successful installation, commissioning and testing of communication links at committed bandwidth. Bidder will require to submit a user acceptance test report duly authorized by RECPDCL/GED nodal officer as a proof for the locations mentioned in release order.
2. The payment will be released on **quarterly basis** after usage of Communication / Internet Links at committed bandwidth at each location.
3. Established SLA will be strictly monitored to assess the committed bandwidth and penalty will be imposed on not meeting the SLA.
4. The bidder is required to submit a copy of SLA compliance duly approved by RECPDCL/GED nodal officer.

SECTION-V

GENERAL CONDITIONS OF TENDER

Part – 1

1. The Bidder must fulfil the above eligibility criteria/pre-qualifying conditions for evaluation of their bids. Bids of Bidders fulfilling the above eligibility/pre-qualifying conditions will only be evaluated by the duly constituted evaluation committee. Bids of the Bidders not fulfilling the eligibility/pre-qualifying 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 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 Annexure B 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.
3. 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.
4. 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/agencies in any area as may be deemed fit by RECPDCL depending upon the profile provided by the agencies and requirement of assignment.
5. 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 agencies at its sole discretion.
6. 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 on any application to participate in the proposed project.
7. RECPDCL reserve the right to waive off any shortfalls; accept the whole, accept part of or reject any or all responses to the Tender.
8. RECPDCL reserve the right to call for fresh tenders at any stage and /or time as per the present and /or envisaged RECPDCL requirements even if the tender is in evaluation stage.
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 responses are not allowed, in any case.
12. The bidder should own high redundancy MPLS based network fiber backbone in redundant architecture in India. The network should offer redundancy at all levels.
13. The bidder should be capable of providing wired and wireless last mile connectivity.

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14. The bidder must have experience in providing network connectivity to large national or international commercial utility.
15. Service Providers should provide MPLS on their own network. In case SP is providing last mile through some other Service Provider, it will be the responsibility of the SP to provision and maintain the link.
16. The bidder should be in business of providing network service / MPLS service for at least 5 years as on the date of this tender.
17. The bidder should have own NOC, and should mention details [location and address] of Primary and Backup NOC.

Firm Detail – List of Locations in India

No.	Location Address	State	City	Contact Person	Contact Details
					Phone No: Email Id:

18. **Performance Security:** The agency need to deposit within fifteen (15) working days from the date of acceptance of work order, a Performance Security in the form of Bank Guarantee or Demand Draft (DD), for an amount of 10% (Ten per cent) of the Contract Value for the due performance and fulfilment of the contract by your firm which is valid for 87 months from the date of award of contract in the format placed at Annexure – A.

The Performance Bank Guarantee may be drawn from a scheduled commercial bank in favour of The “REC Power Distribution Company Ltd”, New Delhi.

The Performance Bank Guarantee may be discharged/ returned by the RECPDCL after the completion of the contract upon being satisfied for the performance of the obligations of your firm under the contract.

Failing to comply with the above requirement, or failure to enter into contract within 30 days or within such other extended period, as may be decided by the CEO, RECPDCL shall constitute sufficient grounds, among others, if any, for the annulment of the award of the tender.

In the event the firm being unable to provide the services, during the engagement period as per the contract for whatever reason, the Performance Bank Guarantee would be invoked by RECPDCL.

No Bank Charges/ interest shall be payable for the Performance Bank Guarantee.

19. Rates and Prices

- a Bidders should quote item-wise rates/prices including all taxes, duties except Service Tax for courier service of different stations mentioned in Form-III.
 - b All statutory duties and taxes (including excise and customs) Sales Tax and other charges will be payable by the Bidder.
 - c Price quoted by Bidder shall be firm excluding service tax for contract period.
 - d Price quoted shall be firm and any variation in rates, prices or terms during validity of the offer shall require forfeiture of the EMD.
20. In case of default in your services or denial of services, RECPDCL, at its sole discretion, will be free to avail services of other courier service providers at your "Risk & Cost".
21. All other terms and conditions of the GENERAL CONDITIONS OF CONTRACT as attached in Annexure shall be applicable.
22. Bidders are advised to refrain from taking any deviations on this TENDER. Still in case of any deviations, all such deviations from this tender document shall be set out by the Bidders, Clause by Clause in the format as mentioned in Form IV and submit the same as a part of the Technical Bid. Please note that in case of deviations to the tender terms, bids may be liable for rejection.
23. 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
24. INTEGRITY PACT:-The bidders have to submit integrity pact as per prescribed format on a non-judicial stamp paper of Rs. 100/- in 2 copies duly signed by the person signing the bid. The bidder shall not change the contents of "Integrity Pact".
25. In a tender either the Indian agent on behalf of the Principle /OEM or Principle / OEM itself can bid but both cannot bid simultaneously for the same item/product.
26. If an agent submits bid on behalf of the principal /OEM, the same agent shall not submit a bid on behalf of another principal /OEM in the same tender for the same item/product.



SECTION-VI

ELIGIBILITY CRITERIA

Pre-Qualifying Criteria for Bidder

1. The bidder shall be a private/public Company registered under Company Act 1956. Certificate of Incorporation and Registration needs to be submitted along with the bid.
2. The bidder shall have ISO 9001:2001, 14001 Certificates. Valid copy of ISO certificates are to be submitted in this regard.
3. The Bidder should be a profit making company for the last 3 consecutive FY (2012-13, 2013-14, 2014-15) with a minimum turnover of 250 crores. The CA certified audited copy of Balance sheet and Profit & Loss Statement to be submitted as proof.
4. The bidder must have experience in providing network connectivity to large national or international commercial utility with at least 180 locations. (Proof: Necessary Purchase order/LOI/Contract along with completion certification on client letterhead/Performance certificate as proof of services provided needs to be submitted).
5. The bidder must have successfully executed at similar projects (meeting any of the below criteria) in the last 3 financial years (FY 2012-13, 2013-14, 2014-15 and including the period of FY 2015-16 **till bid submission date**). (Proof: Necessary Purchase order/LOI/Contract along with completion certification on client letterhead/Performance certificate as proof of services provided needs to be submitted). The details need to be submitted in the following format along with the copy of the completion Certificate or Purchase Orders.
 - a. One project covering supply, installation, commissioning and maintenance of VPN / MPLS / leased line circuit based WAN solution at 141 locations.
or
 - b. Two projects each covering supply, installation, commissioning and maintenance of VPN / MPLS / leased line circuit based WAN solution at 88 locations.
or
 - c. Three projects each covering supply, installation, commissioning and maintenance of VPN / MPLS / leased line circuit based WAN solution at 71 locations.

Details of Successful Completion of Projects by Bidder

Year of Completion	supply, installation, commissioning and maintenance of VPN / MPLS / leased line circuit based WAN solution	Number of Units Supplied	Order no.	Client Name and Location of Project	Completion certificate attached (Yes/No)

- The bidder shall have at least one service or support centre within the Goa State or nearby state (Karnataka or Maharashtra) with sufficient infrastructure to provide support within SLA.

SECTION-VII

TENDER EVALUATION METHODOLOGY

OPENING OF BID:

The Bidder or his authorized representative may be present at the time of opening of bid on the specified date, but a letter in the form annexed at (Form – I) hereto must be forwarded to this office along with bid and a copy of this letter must be produced in the office by the person attending the opening of bid. Unless this letter is presented by him, he may not be allowed to attend the opening of bid.

In case of unscheduled holiday on the closing/opening day of bid, the next working day will be treated as scheduled prescribed day of closing/opening of bid; the time notified remaining the same.

EVALUATION OF BID

PRE-QUALIFYING CRITERIA - Evaluation and comparison of bids will be done as per provisions of Pre-qualifying Criteria supporting documents as proof of pre-qualifying criteria at section – VI.

The RECPDCL will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed and whether the bids are generally in order qualifying to which bids shall be summarily rejected.

PRICE EVALUATION CRITERIA

- 1.1 Bidders should quote their rates/prices in Indian Rupees only which shall be inclusive of all applicable taxes, duties, levies, insurance, transportation etc., applicable excluding service tax for entire scope of work as per Price Schedule included to Form - III of this tender document.
- 1.2 Bids shall be evaluated on the basis of the total evaluated value as per the quoted rates for the services mentioned in Scope of Work. The total evaluated price as per the evaluation methodology mentioned as under at Form - III of this tender document and the other details mentioned therein will be the basis for the evaluation purposes and for arriving at inter-se ranking of the various Bidders of the tender.
- 1.3 Bid shall be evaluated as per the Performance of Schedule rate, i.e. Form-III, which shall be filled by the Bidder as a Financial Bid.

1.3 AWARD CRITERIA

The purchaser will award the contract to the successful Bidder whose bid has been determined to be in full conformity to the bid documents and has been determined as the lowest evaluated bid for Form-III.



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SECTION-VIII

FORM-I

Letter for Submission of Tender

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

Sub.: **Engagement of bidder for implementation of Internet at DC-DR and Locational links for IT Implementation at Goa Electricity Department**

Sir,

1. With reference to your Tender No. ----- dated ----- for **Internet, DC-DR and Locational links for IT Implementation at Goa Electricity Department**, I wish to apply for engagement with RECPDCL as **"Internet, DC-DR and Locational links for IT Implementation at Goa Electricity Department"**

Further, I hereby certify that

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.

2. 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.
3. Our bid shall remain valid for period of 180 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.



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Form-II

Internet, DC-DR and Locational Links for IT Implementation at Goa Electricity Department

PRE QUALIFICATION CRITERIA DETAILS

1. THE FIRM

2. Name

Regd. Address

a) Address of Office

b) Contact Person's

i) Name & Design.

ii) Address

iii) Tel No. Landline

Mobile

iv) Email ID

**3. Type of Firm:
(Please tick)**

Private Ltd./ Public Ltd./ Cooperative/
Partnership/ Proprietor

4. PAN

5. Service Tax Reg. No.:

6. E.M.D. Details

Rs._

BG/DD No._

Name & Address of Bank

Please upload duly signed copies by authorized signatory of documentary evidence e.g. work order, corresponding satisfactory job completion certificates from clients with amount of work order in support of above and any other document indicated in prequalifying criteria)

Signature.....

Full Name.....

Designation.....

Address.....

Financial Bid

PROFORMA OF SCHEDULE OF RATES
(To be submitted through e-tendering mode only)

Bidder Name:

Bandwidth requirement at various locations/offices/DC/DR						
S.No	Activity	Qty.	Unit price	Appl. Taxes	Unit price incl. taxes	Total Value incl. taxes
A	B	C	D	E	F=D+E	G=CxF
1	Yearly recurring charges for Primary Bandwidth	5			0.0	0.0
2	Yearly recurring charges for Secondary Bandwidth	5			0.0	0.0
3	Yearly recurring charges for MPLS Bandwidth at DC (Aggregated 60 % bandwidth of the total primary bandwidth required at all offices)	5			0.0	0.0
4	Yearly recurring charges for MPLS Bandwidth at DR (Aggregated 60 % bandwidth of the total primary bandwidth required at all offices)	5			0.0	0.0
5	Yearly recurring charges for 4 Mbps Internet connectivity at Data Center	5			0.0	0.0
6	Yearly recurring charges for 4 Mbps Internet connectivity at Disaster Recovery Centre	5			0.0	0.0
7	Yearly recurring charges for 50 Mbps DC-DR connectivity	5			0.0	0.0
					Total Value	0.0

- For physical locations having multiple offices, bidder to quote prices for the consolidated bandwidth. For reference, please consider point no. 2.3 to 2.4 for list of offices, bandwidth required and physical locations.
- For bifurcation and details of locations/offices please refer bill of Material/Quantities.
- At each office, Required Primary bandwidth is 2 Mbps & Secondary Bandwidth 512 Kbps.
- MPLS bandwidth at DC & DR will be 60% bandwidth of total bandwidth required for all offices.
- Bidder should quote prices inclusive of all required hardware installation and taxes.
- The price bid shall be opened only of those bidders who qualify in the technical bid.
- The price bid shall be submitted only in the above mentioned price Performa.
- The price shall be submitted in same price bid format and price in other format shall be out rightly rejected.
- Bidder does not have any right to question/litigate on any kind of evaluation. REC PDCL has complete right to select any bidder/product.

FORM IV

FORMAT FOR NO-DEVIATION CERTIFICATE

Unless specifically mentioned in this schedule, the tender shall be deemed to confirm the RECPDCL's specifications:

S. No.	Clause No.	Details of deviation with justifications

By signing this document we hereby withdraw all the deviations whatsoever taken anywhere in this bid document and comply to all the terms and conditions, technical specifications, scope of work etc. as mentioned in the standard document except those as mentioned above.

Seal of the Company:

Signature

Name

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



REC Power Distribution Company Limited

FORM-V

MANUFACTURER AUTHORIZATION FORM

(To be submitted on OEM's Letter Head)

Date:

ICB No.:

Invitation for Bid No.:

Alternative No.:

To,

The Nodal Officer (R-APDRP Part-A Project)

Govt. of Goa, Electricity Department

Panjim, Goa 403001

Sir,

WHEREAS M/s. [name of OEM], who are official manufacturers of having factories at [address of OEM] do hereby authorize M/s [name of bidder] to submit a Bid in relation to the Invitation for Bids indicated above, the purpose of which is to provide the following Goods, manufactured by us

.....

and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 26 of the General Conditions of Contract or as mentioned elsewhere in the Tender Document, with respect to the Goods offered by the above firm in reply to this Invitation for Bids.

We hereby confirm that in case, the channel partner fails to provide the necessary services as per the Tender Document referred above, M/s [name of OEM] shall provide standard warranty on the machines supplied against the contract. The warranty period and inclusion / exclusion of parts in the warranty shall remain same as defined in the contract issued to their channel partner against this tender enquiry.

Yours Sincerely,

For

Authorized Signatory

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

ANNEXURE-A

PERFORMANCE BANK GUARANTEE

M/s. REC Power Distribution Company Ltd.
1016-23, 10th Floor, Devika Tower,
Nehru Place,
New Delhi
(With due Rs.100/- stamp duty, if applicable)

OUR LETTER OF GUARANTEE No. :

Date:

Amount:

Valid Date:

Bank Name & Address:

.....

In consideration of REC Power Distribution Company Ltd. having its office at 1016-1023, 10th floor, Devika Towers, Nehru Place, New Delhi (hereinafter referred to as "RECPDCL" which expression shall unless repugnant to the content or meaning there of include all its successors, administrators and executors) and having entered into an agreement dated _____/issued Work Order No. _____ dated _____ with/on as _____ (hereinafter referred to as "The service" 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 supply the materials as per terms and conditions given in the Agreement accepted to providing service as per terms and conditions given in the Agreement dated _____ /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 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 favour for account of _____ (The Agency) in cover of performance guarantee in accordance with the terms and conditions of the Agreement/work Order.

Hereby, we undertake to pay upto 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 Agreement and despite any contestation on the part of above named Agency.



REC Power Distribution Company Limited

This Letter of Guarantee will expire on _____ including 30 days 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/Manger

Seal of Bank

Annexure B

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 out rightly 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



REC Power Distribution Company Limited

Annexure-C

LETTER OF TRANSMITTAL

To: [Name and address of Client]

.....

.....

.....

Dear Sir/s,

I/We, the undersigned, have examined the details given in your NIT dated [Insert Date] for **Internet, DC-DR and Locational Links for IT Implementation at Goa Electricity Department**. 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 **Internet, DC-DR and Locational Links for IT Implementation at Goa Electricity Department** & shall not be a competitor to RECPDCL within the **Goa Electricity Department** during contract period in case the contract is awarded.

Also, M/s _____ or its group companies is not executing or providing any type of 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: