	RESPONSE TO PRE BID QUERIES DATED 23/07/2021 (BRPL NIT NO: CMC/BR/21-22/RB/AR/933 DT: 14.07.2021) CONSULTANCY WORK FOR COMPREHENSIVE FEASIBILITY STUDY FOR CONVERSION OF EXISTING OVERHEAD ELECTRICAL NETWORK TO UNDERGROUND ELECTRICAL NETWORK IN BRPL				
SI.No	Clause Refernce	Description Description	Bidder's Query	BRPL Response	
1	Sec III 9.0	The completion period shall be 150 days from the date of issue of LOI.	If the LT portion has to be considered then the time frame for completion of survey should be increased to 300 days. Since the survey is a cost intensive exercise, the payment terms need to be revised to Mobilization fee 25% of the contract value.	a) Bidder shall deploy adequate manpower to finish project within stipulated timelines. Bidder to follow tender specification. b) Bidder to follow tender specification.	
2	Annex-A 2.0	The bidder shall acquaint himself with existing BYPL GIS system	We understand that the latest and updated GIS file format would be shared. Please confirm the GIS file format?	Data will be provided in standard format (.pgdb) exportable from ARCGIS.	
3	Annex-A 3.0 (g)	Preparation of detailed design for proposed undergrounding network.	Would dedicated software be required for performing the said studies? Is there any specific international standard to be used for conducting the studies?	Software to be used as per QR conditions. Studies shall be as relevant /applicable IS & IEC standards.	
4	Annex-A 4.1.2	Carry out site visits to assess area wise feasibility for conversion to underground. It is envisaged to do 100% foot survey of overhead network of 0.415 kV existing overhead LT network and assess the conversion feasibility.	Carrying out 100% site visits for LT area would be tedious as many dwelling areas are very narrow passages/ clearances which may not qualify for OH to UG power system conversion.	Bidder to follow specification.	
5	Annex-A 4.1.6	Network design should consider for N-1 contingency criteria at each voltage level for enhanced reliability. Further it shall also ensure minimum possible technical loss.	Priority areas for contingency plan to be shared by BRPL	Bidder to follow specification. Design should consider N-1 contigency for all areas of complete network.	
6	Annex-A 4.5.1	Ground Penetration Radar Survey ,however bidder to quote separate unit rate for carrying out GPR survey.	Prices would be provided solely for reference. The related works shall not be a part of the Project (as it's mentioned as point of Exclusion)	Bidder to furnish unit rate for GPR survey. GPR survey is excluded from the scope of bidder. However, in case of particular scenario, if the need arises, the same may be asked to carry out at additional cost as per furnished unit rate.	
7	Annex-A 5	Under the deliverables section, Table : Outline Structure of Minimum Deliverables for Comprehensive Feasibility Study Report, Section 1-Detailed Project cum Feasibility Report- Pre and Post Conversion Route		Pre-conversion & post-conversion routes is related to conversion from overhead to underground network.	

	CONSULTANCY WOR		23/07/2021 (BRPL NIT NO: CMC/BR/21-22/RB/AR/933 DT: 14.07 RSION OF EXISTING OVERHEAD ELECTRICAL NETWORK TO UNDE	•
SI.No		Description	Bidder's Query	BRPL Response
8	EVALUATION THROUGH	contract and the details of the price bid shall not be	Quoted Bid Price or Reverse Auction Price, which will be the Final Price to be Awarded. Please clarify the methodolgy of finalising the Cost.	Bidder to follow tender terms and condition
9	5.0 Terms of Payment		As most of the work to be done during Draft Report Submission phase only , we are requesting for the change in payment milestones as mentioned below. Mobilzation Fee-10% Submission of Draft Report-40% Acceptance of Draft Report-10% Submission of Final Report-30% Acceptance of Final Report-10%	Bidder to follow specification.
10	1 -	The bidder shall acquaint himself with existing BRPL GIS system, if necessary, before submitting the bid.	1 '	Demonstration of GIS data on virtual conferencing call to get the insight needed for submitting the final bid was conducted on 28.07.2021.
11	Annexure-A Scope of Work- 3. Scope of Work (a)	100 % foot survey of the overhead network for feasibility assessment of conversion of existing overhead network to underground network including feasibility assessment of conversion from HVDS to LVDS system		HVDS networks with overhead HT lines are old & are passing through congested residential areas. They have become unsafe and fault prone due to encroachments. Further overloaded DTs can not be relieved by installing new HVDS DTs in the same location. Hence conversion to LVDS is required to address this situation.
12	•	Network design should be scalable for catering to future Load Growth	Load Forecasting to be done by BSES or Consultant. Is it included in the scope of work?	Division wise load growth shall be provided by BRPL.

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SI.No	Clause Refernce	Description		BRPL Response
13	Page No. 37; Annexure-A Scope of Work- 4. METHODOLOGY 4.1 Feasibility Assessment Network Design 4.1.10	Network design should incorporate appropriate measures to cater to load of upcoming EV charging stations proposed under the national EV policy. Effect of EV charging stations on HT network shall also be evaluated on a sample basis (for all the feeders of only one) , to establish a general guideline including but not limited to defining limitation of No. and Type of Chargers on	Approximately How may samples to be considered? This will help us to understand our exact effort towrads the study to be conducted for "Effect of EV Charging Stations on HT Network."	Sample is defined as :"(for all the feeders of only one Power Transformer")
14	Page No. 39; Annexure-A Scope of Work- 4. METHODOLOGY 4.5 Exclusion 4.5.1	Ground Penetration Radar Survey ,however bidder to quote separate unit rate for carrying out GPR Survey	Please clarify whether GPR Survey is a part of scope or an optional item.This is also a part of price Schedule.	Bidder to furnish unit rate for GPR survey. GPR survey is excluded from the scope of bidder. However, in case of particular scenario, if the need arises, the same may be asked to carry out at additional cost as per furnished unit rate.
15	Page No. 39; Annexure-A Scope of Work- 4. METHODOLOGY 4.5 Exclusion 4.5.2	Liasoning with external civic agencies for conducting coordination meetings required for field surveys.	Who are the Civic Agencies ? Charges of Liasoning wlll be claimed extra or how it will be paid to consultant?	No charges are payable as this is excluded from the scope of tender.
16	Page No. 39 ; 5. Deliverable	5. Deliverable	Please clarify regarding Deliverables.It should be in line with Payment Milestones.	It is in line with payment milestones. Bidder to follow specification.

	CONSULTANCY WOR		23/07/2021 (BRPL NIT NO: CMC/BR/21-22/RB/AR/933 DT: 14.0	•
Sl.No		Description	Bidder's Query	BRPL Response
17		File Format-Cymdist File	Requesting to allow us generate all study reports with International Standard Network Analysis Software. We are ready to show the Demo of our Software and its features.	Bidder may use standard Load Flow software which meets qualification requirement mentioned in tender specification. However bidder shall submit "Load flow files" in cymdist format only in addition to the bidders file format. Necessary conversion to cymdist format shall be done at bidder end if needed.
18	Page No. 42-43; 6. TIME OF COMPLETION:	The overall completion time schedule Table Support Required Till Completion of Work and Contract Closure	Please specify the Support Task. Also clarify Time Line and Resource Requirement. Support to be provided till DPR Submission or during Execution of Work?	Post submission of final deliverable from bidder, the project report is intended to be submitted to regulator & CEA. Support of senior consultant directly involved in the project may be required to explain the report to regulator & CEA, if need so arises.
19	Survey	Survey	Requesting to mention Approximate Volume of Survey	100% survey is to be carried out for the network mentioned in "Table: Details of BRPL Overhead Network under scope of study" of the tender specification.
20		Date of Submission of Tender 03/08/2021 till 15:45 HRS / Regarding extension of bid	 Requesting to extend Tender Submission Date atleast for 10 Days which will help us in undertsanding your network properly and prepare a proper quote. Considering the Hard Copy submission and only 10 days betweenpre-bid meeting and submission, we request you to extend the bid submission date by atleast two weeks We are requesting you, kindly do the extension for the said tender for minimum 7 days. 	Bid submission date extended upto 12.08.2021
21	EMD	EMD	Requesting to exempt EMD for MSME Registered firms.	EMD is applicable for all the bidders
22	Bid Submission	Bid Submission	Kindly Confirm that No Online Bid Submission Is there. Bids to be submitted in Hard Copies only.	No online bids submission , bids are to be submitted in hard copies only

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SI.No	Clause Refernce	Description	Bidder's Query	BRPL Response	
23	Clause 1.1, Page No 2	Earnest money Deposit : Rs.3,56,000/-	There is an economic slowdown thereby resulting in the financialcrunch among the various contracting entities and others. Inorder to safeguard against the economical distress and tomaintain the pace of development, Govt. of India throughMinistry of Finance, Deptt. of Expenditure, Procurement PolicyDivision has issued instructions/ directions, vide No. F.9/4/2020-PPDdated 12th November 2020 (copy enclosed), to the variousstates/UTs for exemption in the bid security. The same may kindly be made applicable to this tender alsowith below modifications: EMD: Bid security declaration (The format for the same maykindly be provided)	Bidder to follow tender terms and condition	
24	Clause 1.3 A (SI No. 1), Page No 5	The Network Analysis software to be used must be of international standard and have at least 5 installations in Indian power utilities. (The bidder must state the names of the power utilities along with the contact details of the existing users of software)	We understand this would mean the experience of consultant in the software used in the projects of consultants executed forpower utilities. Please clarify this, we understand that the consultant shouldhave used this software at five power utilities. Consultant willhave to intimate the name of utilities & the project.	Clause 1.3 A (SI No. 1 of 'Technical Eligibility criteria') to be replaced by ("The Network Analysis software to be used must be of international standard and must have been used for at least 5 similar projects in power utilities by bidder or otherwise.") Clause 1.3 A (SI No. 1 of 'Supporting documents required') to be replaced by ("Approved reports/Relevant documents indicating use of software in the project")	
25	Clause 1.3 A (SI No. 3), Page No 5	The bidder should have executed similar projects (involving system studies/network analysis) for power utilities with total executed value of not less than Rs. 1 crore (i/c GST) in the last five (5) years	The value of Rs. 1 Cr, is the value of consulting fee of theprojects where consultant has provided similar services. It is requested that the time for such services be increased from 5 to 7 years.	No Change , Bidder to follow tender terms and condition	

			23/07/2021 (BRPL NIT NO: CMC/BR/21-22/RB/AR/933 DT: 14.0	•
SI.No	CONSULTANCY WOR	Description	ERSION OF EXISTING OVERHEAD ELECTRICAL NETWORK TO UND BIDDE BIDDE BERNOOM BETTO BETT	BRPL Response
26	Clause 1.3 A (SI No. 4), Page No 5	The bidder must have been in the Network Analysis software-based power system analysis and network digitization services for the last 5 years or more.	We understand this means the firm has experience in similarprojects and has offered these services for distribution projects. Please clarify.	Tender requirement is clear. Bidder to follow the same.
27	Clause 1.3 Note (iii), Page No 7	No joint ventures/ consortiums are allowed	1. Since this project would require a detailed field study and studyon system for preparation of correct BOQ and engineeringdrawings for this project. The consortium of firms having credentials in field studies andsystem studies would make a successful consortium for this bid. 2. No JVs/ Consortium are allowed. It will be very difficult to find many bidders who are having expertise and experience in survey as well as network analysis/ power system studies and also the OEM of the power system simulation software.	Bidder to follow tender terms and condition
28	Clause 1.3 Page No 7	Last Three Financial Years (FY 18-19, 19-20 & 20-21) financial statement	The financial books for the FY 2020-21 are not yet available asper the Indian accounting system and deadline of submissions. The financial statement for the FY 2017-18, 18-19 and 19-20 may kindly be considered in place of this.	Bidder to follow tender terms and condition
29	Clause 1.4.1, Bid Submission, Page No 8	The bidders are required to submit the bid in 2 (two) parts and submit in original + one copy to the following address	Please confirm whether the bid is due for submission in paperform only or submission of online platform of BSES is alsorequired. Please also confirm whether the copy of financial bid is alsorequired to be submitted.	Bids are to be submitted in hard copies only . Sealed Financial bid shall be sbmitted in original , no copy is required.

lo Clause Refernce	Description	Bidder's Query	BRPL Response
Clause 1.4.1 FINANCIAL BID	Reverse auction shall be conducted for finalization of	Since this project would require a detailed and quality work	Tender terms & conditions shall apply
EVALUATION THROUGH	contract and the details of the price bid shall not be	tobe completed within the time schedule as stated in the	
REVERSE AUCTION:	shared with bidders. The qualified bidders will	RFPdocument. The client is requested to conclude the "Financial	
	participate in reverse auction through SAP-SRM tool.	Bid"as per the rates quoted by the bidders based on	
	The reverse auction process shall be governed by the	theirexperience and skills in performing similar studies.	
	terms and conditions enclosed as APEENDIX-I in this		
	tender document. Training/details shall be provided to		
	bidders before participation in auction.		
	Notwithstanding anything stated above, the Company		
	reserves the right to assess bidders' capability to		
	perform the contract, should the circumstances		
	warrant such assessment in the overall interest of the		
	Company. In this regard the decision of the Company is		
	final. In case RA is not concluded/conducted for any		
	reasons, a "final no regret" financial bid in a sealed		
	envelope will be called for from all qualified bidders		

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SI.No	CONSULTANCY WOR Clause Refernce			BRPL Response	
31	Section II Clause 5 Terms of payment Page No 21	Mobilization Fee (upon signing of contract & NDA) against submission of BG of equivalent amount valid up	The performance bank guarantee for this project would berequired at 5% of the contract value, whereas the advance tobe paid to the consultant is 10%. Please clarify this clause.	Performance BG & Advance BG are separate	
32	1	Bidder shall also quote unit rate for additional circuit	Bidders shall quote their price based on the efforts and time tobe involved in carrying out this study. The payment should be based on deliverables not on unit rateof quantities. Please clarify.	Bidder to follow tender terms and condition	
33	Clause 6 (6.2) Contract Performance Security Bank Guarantee Page No 22	The Security Performance Bank Guarantee shall be of 5% of the total initial value of order and shall be valid till contract period, plus three (3) months towards claim period.	There is an economic slowdown thereby resulting in the financial crunch among the various contracting entities and others. Inorder to safeguard against the economical distress and tomaintain the pace of development, Govt. of India through Ministry of Finance, Deptt. Of Expenditure, Procurement Policy Division has issued instructions/ directions, vide No. F.9/4/2020-PPD dated 12th November 2020 (copy enclosed), to the various states/Uts for reduction in the performance security, from the existing 5-10% to 3%, value of the contract, for all existing contracts. The same may kindly be made applicable to this tender also.	Bidder to follow tender terms and condition	
34	Annexure A Clause 6, Page No 43 Time of completion	The overall completion time schedule shall be as under: SI No. 3: Submission of Final Report (All deliverables) SI. No. 4: Support service as required (Till completion of works and Contract closure)	toCovid restrictions on movement, time and working, safety, it isrequested that the time frame may please be considered	a) Bidder shall deploy adequate manpower to finish project within stipulated timelines. Bidder to follow tender specification. b) Bidder to follow tender specification.	

	CONSULTANCY WOR		23/07/2021 (BRPL NIT NO: CMC/BR/21-22/RB/AR/933 DT: 14.07 RSION OF EXISTING OVERHEAD ELECTRICAL NETWORK TO UNDE	•
SI.No	Clause Refernce			BRPL Response
35		Regarding Technical scope	1. Whether GIS map of all existing underground utilities and smart grid map/interface details will be supplied by Owner alongwith the details of already planned network and its software license?	BRPL can share details of its own network only on GIS. For other underground utilities only visual survey is envisaged at this stage. However if there is any information available with BRPL regarding other utilities in specific area, that shall be shared with the bidder.
				In case of particular scenario, if the need arises for GPR survey, the same may be asked to carry out at additional cost as per furnished unit rate.
36		Regarding Technical scope	distribution network will be arranged by Owner from all concerned Utility owners within the assigned schedule of the project?	After survey of a particular feeder, the survey findings shall be shared with the field team of BRPL for concurrence of route. Based on BRPL's field team experience of that area, route shall than be considered as "good for load flow analysis". No clearance or approval is envisaged from other utilities for this study. However if after load flow analysis, if the suggested route is not resulting in meeting desired parameters, the bidders shall carry out the activity of survey for
37		Regarding Technical scope		BRPL at present is using ARCGIS.
38		Regarding Technical scope		Shall be provided to successful bidder after award.
39		Technical Qualifying Criteria: (A) For Consultancy Work: The bidder should have executed similar projects (involving system studies/network analysis) for power utilities with total executed value of not less than Rs. 1 crore (i/c GST) in the last five (5) years	We have the understanding that all the price for all the projects for System Study at the grid level in last five years should be more that 1 Crore. Kindly confirm	Tender requirement is clear. Bidder to follow the same.

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SI.No	Clause Refernce	Description	Bidder's Query	BRPL Response		
40		Technical Qualifying Criteria: B) For Field Survey The bidder should have executed at least five similar projects (involving at least field survey) for power utilities	We as a consultant have executed many projects of the field survey. However, we usually outsource the manpower for the survey and execute. Nevertheless, we shall be the sole responsible for the complete survey activity. Hope this shall be considered.	If the bidder wishes to outsource survey activity to a different firm, than that firm shall meet the qualification requirement of of field survey. However any outsourcing shall be done only after BRPL's consent and does not absolves bidder from its responsibility till the project closure.		
41		Table in Page 36	Total Length of Lines is mentioned as 11218 KM. Is this Ckt Length? What would be the approximate DC Lines?	11218 km length is the circuit length.		
42		Scope of Work Clause in Page 36	Route Length of each distribution line may please be provided	GIS file of existing BRPL network shall be provided to successful bidder after award.		
43		Scope of Work Clause in Page 36	Contingency for all levels has to be performed. Need confirmation if Contingency analysis at LT voltage levels with Distribution Trafos and Feeder Pillars are required?	Bidder to follow specification. Design should consider N-1 contigency for all areas of complete network.		
44		Methodology Clause in Page 37	Network Design is to be considered with future load growth. Pl confirm that Load forecasting is not part of the current scope and BSES shall provide the load growth details and?	Division wise load growth shall be provided by BRPL.		
45		Methodology Clause in Page 38	Feasibility of conversion of HVDS to LVDS system 1. How many existing HVDS Transformers are there in the system 2. What is the typical criteria for conversion of HVDS into LVDS as in general this may increase losses and voltage drop	1. There are approximately 28330 Nos 25kVA,1 PH HVDS transformers in BRPL network. 2. HVDS networks with overhead HT lines are old & are passing through congested residential areas. They have become unsafe and fault prone due to encroachments. Further overloaded DTs can not be relieved by installing new HVDS DTs in the same location. Hence conversion to LVDS is required to address this situation.		

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46		Deliverable Clause in Page No 42	Study Report is to be provided along with CYMDIST native File, Is there any existing master file of the network with CYMDIST? If So BSES shall provide the same to the PMC during execution	BSES will only provide GIS files(.pgdb) for existing network for analysis. Its bidder responsibility to map that in relevant software which meets technical requirement and provide cymdist files for both "As-is" and "Post - conversion" network. No cymdist file of a "As-is" network shall be provided to bidder.
48		Time schedule - Page-11 Support service as required - Till completion of works and Contract closure .	Kindly let us know the support service shall be required till be completion of implmentation? If yes, kindly let us know tentative timeframe for implmentation?	Post submission of final deliverable from bidder, the project report is intended to be submitted to regulator & CEA. Support of senior consultant directly involved in the project may be required to explain the report to regulator & CEA, if need so arises.
49		"The Network Analysis software to be used must be of international standard and have at least 5 installations in Indian power utilities."	This information shall be available with OEM /supplier of the software not with every consultant. The consultants who are using the software of other make may not confirm this criteria. This criteria may support only software OEM to bid	Clause 1.3 A (SI No. 1 of 'Technical Eligibility criteria') to be replaced by ("The Network Analysis software to be used must be of international standard and must have been used for at least 5 similar projects in power utilities by bidder or otherwise.")
50		The bidder should have executed similar projects (involving system studies/network analysis) for power utilities with total executed value of not less than Rs. 1 crore (i/c GST) in the last five (5) years"	Based on our market experience we have not observed similar opportunities of more than 1 crore in T&D segment during last 5 years.	Tender requirement is clear. Bidder to follow the same.
51		The bidder should have executed at least five similar projects (involving at least field survey) for power utilities".	The experience of field survey of 5 similar project will be available with the companies who are specialized in survey not network analysis/ power system studies .	If the bidder wishes to outsource survey activity to a different firm, than that firm shall meet the qualification requirement of of field survey. However any outsourcing shall be done only after BRPL's consent and does not absolves bidder from its responsibility till the project closure.