

## MINUTES OF PREBID MEETING FOR PACKAGE M

<b>MINUTES OF PRE-BID MEETING (VIDEO CONFERENCE) HELD ON:</b>	<b>12.06.2020</b>
<b>NAME OF THE PROJECT</b>	<b>ASSAM INTRA-STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECTS</b>
<b>FUNDING AGENCY</b>	<b>ASIAN INFRASTRUCTURE INVESTMENT BANK (AIIB)</b>
<b>NAME OF THE WORK</b>	<b>Augmentation of OPGW network (Package-M)</b>
<b>BID NO. ICB</b>	<b>AEGCL/MD/AIIB/PACKAGE-M/2020/02-M</b>

### **OPENING REMARKS:**

Mr. G. Bhuyan, Deputy General Manager (O&M), HQ, AEGCL welcomed all the prospective bidders and explained about the scope of the Project. The prospective bidders have raised queries on the bid document. The Deputy General Manager (O&M), requested the prospective bidders to submit the additional queries if any by 12/06/2020 in writing so as to issue clarifications.

### **NAMES OF THOSE PRESENT:**

#### **FROM EMPLOYER**

1. Sri. H. Baishya, Deputy General Manager (P&E), AEGCL, Narengi.
2. Sri. G. K. Bhuyan, Deputy General Manager (O&M), AEGCL, Paltanbazar, Guwahati-01.
3. Sri. P. Bora, Deputy General Manager-I (HQ), AEGCL, Paltanbazar, Guwahati-01.
4. Sri. S. Singha, Deputy General Manager (PP&D), O/o the MD, AEGCL, Paltanbazar, Guwahati-01.
5. Sri. B. Bordoloi, Assistant General Manager-II, O/o the MD, AEGCL, Paltanbazar, Guwahati-01.
6. Sri. D. Chanda, Assistant General Manager-I, O/o the MD, AEGCL, Paltanbazar, Guwahati-01.
7. Smt. R. Sharma, Assistant General Manager (P&E), AEGCL, Narengi.
8. Smt. P. Gogoi, Deputy Manager, O/o the MD, AEGCL, Paltanbazar, Guwahati-01.
9. Smt. J. Devi, Deputy Manager, O/o the MD, AEGCL, Paltanbazar, Guwahati-01.
10. Smt. K. Buragohain, Junior Manager, O/o the MD, AEGCL, Paltanbazar, Guwahati-01.
11. Sri. P. Darshan, Junior Manager, O/o the MD, AEGCL, Paltanbazar, Guwahati-01.
12. Sri. D. J. Baruah, E&S Safeguard Specialist.

#### **FROM PROSPECTIVE BIDDERS**

1. CISCO SYSTEMS INDIA PVT. LTD, 2nd Floor, Brigade South Parade, 10, M.G. Road, Bangalore - 560 001, Karnataka, India.
2. SALASAR TECHNO ENGINEERING LTD, Office : 2nd Floor, Plot No.33, Commercial Block, Kaushambi Ghaziabad, Website :- [www.salasartechno.com](http://www.salasartechno.com).
3. TG ADVAIT INDIA PVT.LTD, Plot No-PE-42 & PE-43, Vill-Bol, GIDC \_II Sanand, Ahmedabad, Gujarat-382170, Mr. DebamalyaRoy\_Sales, Mr. Vimal Pandey& Mr. Ravi Prakash.
4. LS CABLE INDIA PVT LTD., 101, First Floor, Park Centre, Sector-30, Gurgaon-122002, Haryana.
5. TEJAS NETWORKS LIMITED, Tanay Raj, Director-Sales, M: +91-9811662028.
6. APAR INDUSTRIES LIMITED, Regd off & Marketing off: 301/306, Panorama Complex, RC Dutta Road, Vadodara-390007, Mr. Ka Agarwal, Vice President\_Marketing, Mr. Anil Agarwal, Mr. Chandan Gupta & Mr. Tanija.

7. EDGE TELECOM, Mr. Ganesh Kasana, Gurgaon.
8. STERLITE POWER TRANSMISSION LTD, Mira Corporate Suits, F-1, Mathura Rd, Ishwar Nagar, Bahapur, New Delhi, Delhi 110065, Mr. Vineet Kumar, Vice President\_Sales, Mr. Parikshit Desai, Mr. Anand Kumar.

**QUERIES ON BID DOCUMENT (INSTRUCTIONS TO BIDDERS, BDS, GENERAL CONDITIONS, PC ETC.)**

**Table 1.**

**(a) Queries on Instructions to Bidders, BDS, General Conditions, PC etc.:**

<b>Sl. No.</b>	<b>Clause No./ Section/ Page No.</b>	<b>Description</b>	<b>Queries</b>	<b>Response</b>	<b>Reference to Sl. No. of Addendum [Table 2] wherever applicable</b>
1	Time Extension Request		<p>K Ramachandra Rao Transmission &amp; Projects Pvt Ltd is a EPC Contracting Business Enterprise which has executed 765KV Transmission Projects for PGCIL on turnkey basis besides executing EHV Substation Projects.</p> <p>We have already downloaded the Tender documents &amp; are extremely keen to bid for your above package.</p> <p>However due to ongoing CORNOA VIRUS lockdown in India, we are unable to even attend the scheduled Pre Bid Meeting on 11th May 2020.</p> <p>We expect the Lockdown conditions to prevail till end of May 2020 &amp; accordingly approach you to extend the Pre bid meeting by 4weeks.</p>	Pre-bid held on 12-06-2020	
2			<p>Due to increased lock down byGovt. of India up to 31st May, 2020, unable to visit AEGCL for discussion on various points on projects and also unable to survey the work sites.</p> <p>Hence, requested to extend the pre-bid meeting and tender submission dates.</p>	Pre-bid held on 12-06-2020	
3			<b>Request of modification/relaxation in QR and Extension of Tender Submission Date</b>		

4	<p>Section-3</p> <p>Clause # 2.3: Financial Situation</p> <p>Sub Clause # 2.3.1: Historical Financial Performance</p> <p>Sub Clause # 2.3.2: Average Annual Turnover</p> <p>Sub Clause # 2.3.3: Financial Resources</p>		<p>Financial requirement given under the clause as mentioned above does not allow the newly established companies like us in participating the present tender under AEGCL. You will appreciate that the newly/ recently established unit will not be able to provide financial credentials for 3 years or 5 years, so for such companies, the Financial Credentials of it's parent organization may please be allowed</p>	<p>Please Refer to the Addendum</p>	<p>S.No 7 and 8</p>
5	<p>Clause # 2.4: Tenderer's Experience</p> <p>Sub Clause # 2.4.1: General Experience</p> <p>Sub Clause # 2.4.2: Specific Experience (a) Contracts of Similar Size and Nature</p> <p>Sub Clause # 2.4.2: Experience in Key Activities</p> <p>Sub Clause # 2.4.2(a) &amp; 2.4.2(b) Clause # 2.5: Manufacturers/Subcontractors</p>		<p>Following are the points of submission with respect to above mentioned Clause # 2.4 &amp; 2.5 along with Sub-clauses for the Technical Requirement.</p> <p>i) Newly established company will be able to meet the requirement of 5 years of experience based on the experience of its Parent Company, which may please be allowed.</p> <p>ii) <b>The requirement that the bidder should have executed two contracts each having value of Rs. 65CR will be difficult to meet except two corporates. This value constitutes the execution of each contract of around 2000KM of OPGW Supply &amp; Installation including Telecom Equipment, wherein, the present contract estimates will be less than 50% of Rs. 65CR which is contradictory in nature.</b></p> <p>iii) At the same time in Point # 2.4.2 - 1) Turnkey Execution requirement is mentioned for at least <b>100KM</b> of route length along with Telecom Equipment, however, in the same Clause two contract each having value of Rs. 65 CR has been asked.</p> <p>iv) We understand that JV partner have been restricted to two which will also limit the bid from other than two major manufacturers. If the JV Partner are allowed to 3 instead of 2, the newly</p>	<p>As per Bid</p>	

			established OPGW manufacturing company can partner with Installation Agency and Telecom Agency enabling to participate in the bid process.v) <b>Clauses 2.4.2 (a) &amp; (b) also restricts the Indian Manufacturing units which have been established under ‘Make in India’ initiative.</b>		
6	2.3 Financial Situation 2.3.1 Historical Financial Performance	Submission of audited financial statements or, if not required by the law of the Tenderer’s country, other financial statements acceptable to the Employer, for the last three (3) years to demonstrate the current soundness of the Tenderer’s financial position. As a minimum, the Tenderer’s net worth for the last year calculated as the difference between total assets and total	Submission of audited financial statements or, if not required by the law of the Tenderer’s country, other financial statements acceptable to the Employer, for the last three (3) years to demonstrate the current soundness of the Tenderer’s financial position. As a minimum, the Tenderer’s net worth for the last year calculated as the difference between total assets and total liabilities should be positive. Note-1: JV Should be allowed for 3 parties or consortium should be allowed considering (Manufacturer, Live Line Installation Agency & Telecom Company) Note-2: In case the bidder or one of the partner in case of JV/Consortium Partner has established manufacturing facility in India and yet to complete one (1) financial year after commencement of the Commercial	As per bid	

		liabilities should be positive.	Manufacturing,, then the stated requirement of Parent/Principal company shall be considered providing collaboration for technological support.		
	2.3.2 Average Annual Turnover	Minimum average annual turnover of ₹25.0 Crore (Rupees Twenty-Five Crore) calculated as total certified payments received for contracts in progress or completed, within the last 3(three) years.	Minimum average annual turnover of ₹25.0 Crore(Rupees Twenty-Five Crore) calculated as total certified payments received for contracts in progress or completed, within the last 3(three) years. Note-1: In case the bidder or one of the partner in case of JV/Consortium Partner has established manufacturing facility in India and yet to complete one (1) financial year after commencement of the Commercial Manufacturing,, then the stated requirement of Parent/Principal company shall be considered providing collaboration for technological support	Please refer to the Addendum	S.No 7

7	2.3.3 Financial Resources	For Single Entities: The Tenderer must demonstrate that its financial resources defined in FIN-3, less its financial obligations for its current contract commitments defined in FIN-4, meet or exceed the total requirement for the Subject Contract. The minimum cash flow shall be ₹ 12 Crore (Rupees Twelve Crore) .	For Single Entities: The Tenderer must demonstrate that its financial resources defined in FIN-3, less its financial obligations for its current contract commitments defined in FIN-4, meet or exceed the total requirement for the Subject Contract. The minimum cash flow shall be ₹ 4 Crore (Rupees Four Crore). [Generally, the requirement of Liquid Assets is 5th part of that of the requirement of MAAT. Accordingly the figure has been modified to 4 Crore from 12 Crore] Note: In case the bidder or one of the partner in case of JV/Consortium Partner has established manufacturing facility in India and yet to complete one (1) financial year after commencement of the Commercial Manufacturing, then the stated requirement of Parent/Principal company shall be considered providing collaboration for technological support.	Please refer to the Addendum	S.No 8
		For Joint Ventures:			
8		(1) Lead Partner must demonstrate that its financial resources defined in FIN-3, less its financial obligations for its own current contract commitments defined in FIN-4, meet a minimum share of 60% of the total requirement for the Subject Contract.	(1) Lead Partner must demonstrate that its financial resources defined in FIN-3, less its financial obligations for its own current contract commitments defined in FIN-4, meet a minimum share of 60% of the total requirement for the Subject Contract. Note: In case the bidder or one of the partners in case of JV/Consortium Partner has established manufacturing facility in India and yet to complete one (1) financial year after commencement of the Commercial Manufacturing, then the stated requirement of Parent/Principal company shall be considered providing collaboration for technological support.	Please refer to the Addendum	S.No 8
		AND			

9		(2) Each partner must demonstrate that its financial resources defined in FIN-3, less its financial obligations for its own current contract commitments defined in FIN-4, meet a minimum share of 40% of the total requirement for the Subject Contract.	(2) Each partner must demonstrate that its financial resources defined in FIN-3, less its financial obligations for its own current contract commitments defined in FIN-4, meet a minimum share of 40% of the total requirement for the Subject Contract. Note: In case the bidder or one of the partners in case of JV/Consortium Partner has established manufacturing facility in India and yet to complete one (1) financial year after commencement of the Commercial Manufacturing, then the stated requirement of Parent/Principal company shall be considered providing collaboration for technological support.	Please refer to the Addendum	S.No 8
		AND			
10		(3) The Joint Venture must demonstrate that the combined financial resources of all partners defined in FIN-3, less all the partners' total financial obligations for the current contract commitments defined in FIN-4, meet or exceed the total requirement of ₹ 12 Crore(Twelve Crore)	(3) The Joint Venture must demonstrate that the combined financial resources of all partners defined in FIN-3, less all the partners' total financial obligations for the current contract commitments defined in FIN-4, meet or exceed the total requirement of ₹ 4 Crore(Four Crore). [Generally, the requirement of Liquid Assets is 5th part of that of the requirement of MAAT. Accordingly the figure has been modified to 4 Crore from 12 Crore] Note: In case the bidder or one of the partner in case of JV/Consortium Partner has established manufacturing facility in India and yet to complete one (1) financial year after commencement of the Commercial Manufacturing, then the stated requirement of Parent/Principal company shall be considered providing collaboration for technological support.	Please refer to the Addendum	S.No 8



11	2.4 Tenderer's Experience 2.4.1 Contracts of Similar Size and Nature	General Experience: Experience under contracts in the role of contractor, subcontractor, or management contractor for at least the last 5 (five) years prior to the Tender submission deadline.	<p>Experience under contracts in the role of contractor, subcontractor, or management contractor for at least the last 5 (five) years prior to the Tender submission deadline.</p> <p>Note-1: The Bidder, who has established manufacturing &amp; testing facility for OPGW in India but not meeting the requirement stipulated in para 2.4.1- General Experience, shall also be considered provided that-</p> <p>(a) The Bidder must have manufactured, type tested (as per IEC or equivalent standard) &amp; supplied at least 100Kms of OPGW as on the date of bid opening mentioned above.</p> <p>(b) The Bidder shall also submit along with its bid, a legally enforceable undertaking for extended warranty of two (2) years over and above the warranty period specified for OPGW.</p> <p>Note-2: The Bidder, who has established manufacturing &amp; testing facility in India for OPGW as Subsidiary/JVC/Group company by its Parent/Principal but not meeting the requirement stipulated in para 2.4.1- General Experience, shall also be considered provided that-</p> <p>(a) The Bidder must have manufactured, type tested (as per IEC or equivalent standard) &amp; supplied OPGW as on the date of bid opening mentioned above, provided that the Parent/Principal meets the requirement stipulated in para 2.4.1 - General Experience above.</p> <p>(b) Further, the bidder shall also submit the following along with the bid:</p> <p>i) A legally enforceable undertaking (jointly with the Parent/Principal company) to guarantee quality, timely supply, performance and warranty obligations as specified for the</p>	As per bid	
----	---	--	---	------------	--

			<p>equipment(s).</p> <p>ii) A confirmation letter from the Parent/Principal company stating that the Parent/Principal company shall furnish performance guarantee for an amount of 10 % of the ex-works cost of such equipment(s). This performance guarantee shall be in addition to Contract Performance Guarantee to be submitted by the bidder.</p> <p>iii) A valid collaboration agreement for technology transfer / license to design, manufacture, test and supply OPGW in India.</p>		
12	2.4.2 Specific Experience (a) Contracts of Similar Size and Nature	<p>Participation as contractor, Joint Venture Partner, or subcontractor, in at least 2 (two) contracts that have been successfully or substantially completed within the last 5 (five) years and that are similar to the proposed contract, where the value of the Tenderer's participation under each contract ₹ 65.00 Crore (Rupees Sixty-Five Crore). The similarity of the Tenderer's participation shall be based on:1. (Turnkey execution of OPGW stringing on 220/132 kV lines; each project shall consist of at least 100 Route kms of lines and SDH/PDH</p>	<p>The changes required in this clause is as belowParticipation as contractor, Joint Venture Partner, or subcontractor, in at least 2 (Two) contracts that have been successfully or substantially completed within the last 5 (five) years and that are similar to the proposed contract, where the value of Tenderer's participation under both the contracts together shall be equivalent to 80% of the proposed contract or Rs. 20.00 Crore (Rupees twenty Crore).The similarity of the Tenderer's participation shall be based on:1. (Turnkey execution of OPGW stringing on 220/132 kV lines; each project shall consist of at least 100 Route kms of lines or 100 Route kms of lines and SDH/PDH equipment). The similarity shall be based on the physical size, complexity, methods, technology or other characteristics as described in Section 6 (Employer's Requirements).2. In case of JV, one partner must be a manufacturer and the other partners must have experience in erection, testing and commissioning of above works.</p>	As per bid	

		equipment). The similarity shall be based on the physical size, complexity, methods, technology or other characteristics as described in Section 6 (Employer's Requirements).2. In case of JV, one partner must be a manufacturer and the other partners must have experience in erection, testing and commissioning of above works.			
13	<b>2.4.2 (a) Experience in Key Activities</b> <b>2.4.2(a) Must be complied with by the Tenderer. In case of a Joint Venture Tenderer, at least one of the partners must meet the requirement in the key activity.</b>				
	For the above or other contracts executed during the period stipulated in 4.2(a) above, a minimum experience in the following key activities:	1. The tenderer must have designed, manufactured; type tested, supplied the following listed equipment, which is in successful operation for at least 3 (three) years as on the date of the Tender opening. The Tenderer should list such works executed to substantiate the requirement of this	1. The tenderer must have designed, manufactured; type tested, supplied the following listed equipment, which is in successful operation for at least 1 (One) year as on the date of the Tender opening. The Tenderer should list such works executed to substantiate the requirement of this clause. (a)OPGW under live line conditions (b) HV Transmission Towers /Members Loading & OPGW loading & Sag/ Tension / Stringing Calculations (c) SDH network on STM-1/4 level Note: If the tenderer is not a manufacturer, he must	As per bid	

		<p>clause.</p> <p>(a)OPGW under live line conditions</p> <p>(b) HV Transmission Towers /Members Loading &amp; OPGW loading &amp; Sag/ Tension / Stringing Calculations</p> <p>(c) SDH network on STM-1/4 level</p> <p>Note: If the tenderer is not a manufacturer, he must meet requirement of Section 3, clause 2.5.</p>	<p>meet requirement of Section 3, clause 2.5.</p>		
		<p>2. Live line installation, pre-commissioning tests and commissioning of OPGW (132 kV and above voltage class) in 3(three) separate contracts in the last 5 (five)Years</p>	<p>2) Live line installation, pre-commissioning tests and commissioning of OPGW (132 kV and above voltage class) at least in 1(one ) contracts in the last 5 (five) years.</p>	As per bid	
	<p><b>2.4.2(b) The Employer accepts any of the following activities to be subcontracted. They may be complied with by the Tenderer or by its proposed specialist subcontractor. The subcontracting is allowed subjected to that the subcontracting works shall not exceed 30% of the total contract value.</b></p>				

14	For the above or other contracts executed during the period stipulated in 2.4.1, a minimum experience in the following key activities		For the above or other contracts executed during the period stipulated in 2.4.1, a minimum experience in the following key activities	As per bid	
15	Live line installation, pre-commissioning tests and commissioning of OPGW (132 kV and above voltage class) in 2 (two) separate contracts in the last 5 (five) years		Live line installation, pre-commissioning tests and commissioning of OPGW (132 kV and above voltage class). in the last 5 (five) years.	As per bid	
16	2.5 Manufacturers Subcontractors i. OPGW 24/48 fibres ii. Fibre Optic Network (SDH STM-4 and higher) on at least 3 (three) HV lines of 132 kV and above.	The manufacturer or supplier must have designed, manufactured, type tested and supplied listed equipment, which are in successful operation for at least 5 (five) years as on the date of Tender opening. The Tenderer should list such works executed to substantiate the requirement of this Clause.	The manufacturer or supplier must have designed, manufactured, type tested and supplied listed equipment, which are in successful operation for at least 1 (One) year as on the date of Tender opening. The Tenderer should list such works executed to substantiate the requirement of this Clause.	As per bid	
17	Clause 2.6.1 Page 79	STM4 upgradable to STM16 by change of SPF or optical card only	STM4 upgradable to STM16 by change of SPF only	As per bid	
18	Clause 2.7.1 Page 83	One Number of minimum 4 port ethernet interface card supporting layer 2 switching	One Number of minimum 8 port ethernet interface card (100/1000) supporting layer 2 switching	One Number of minimum 8 port ethernet interface card (10/100) supporting layer 2 switching	S.No 2 and 4
19	Clause 2.8.1 Page 83	tributary card (ethernet 10/100)	Tributary card (ethernet 100/1000)	As per bid	

20	Clause 2.8.2 Page 84	One Number of minimum 4 port ethernet interface card as tributary	One Number of minimum 8 port ethernet interface card as tributary	One Number of minimum 8 port ethernet interface card as tributary	S.No 2 and 5
21	Clause 2.8.2 Page 84	the equipment shall supply non-blocking cross-connect capability of 64 STM1 (bi-directional) at higher order VC4 as well as lower order VC12	the equipment shall supply non-blocking cross-connect capability of 128 STM1 (bi-directional) at higher order VC4 as well as lower order VC12	As per bid	
22	DRS Page 123 pt 1	STM 4	STM 4/STM16	As per bid	
23	DRS Page 123 pt 4	Ethernet (minimum 4)	Ethernet (100/1000) - minimum 8	Ethernet (10/100) - minimum 8	S.No 2
24	83, 2.8, SDH equipments	IP MPLS Router	<p>The RFP is for AUGMENTATION OF THE COMMUNICATION BACKBONE- REPLACEMENT OF THE EXISTING GROUND WIRE BY OPGW.</p> <p>Since the RFP is meant to replace existing technology with latest technology, it is our humble request to you to look into technology which is actually latest. SDH is a legacy technology which will go end of life very soon. Since you are investing such a high amount, it would be beneficial to invest in the latest. Also, there are many advantages of using IP-MPLS technology for the termination of OPGW as compared to SDH. Attached are the benefits of using IP MPLS against SDH.</p>	As per bid	

25	83, 2.8.1, Functional Requirement	<p>IP MPLS technology is the latest technology to provide Optical fibre connections over WAN, provides all required interfaces E1, 10/100/1000Mbps, STM-1, STM-4, EnM and Sfp based interfaces to connect OPGW. Including QoS, path redundancy, link redundancy, redundant controller, ring protection and interior routing protocols. devices should be hardened temp and approved to work in Power utilities.</p>	<p>Request you to allow System Integrators to provide an option to provide this communication using IP/MPLS router, as IP MPLS is a latest technology to provide relevant interfaces and latency.</p>	As per bid	
----	-----------------------------------	---	---	------------	--

26	Volume – 2, Employers' Requirement - Technical Specifications; page-78	<p>The security related requirements of the equipment shall be as per DOT (Department of Telecommunication) guidelines and all similar security requirements as amended by DoT on time to time basis shall be followed/complied by the vendor at no additional cost to employer till the implementation of the project. The manufacturer shall allow the Employer and/or its designated agencies to inspect the hardware, software, design, development, manufacturing, facility and supply chain and subject all software to a security /threat check any time during the supplies of equipment. The contractor shall ensure that the supplied equipment have been got tested as per relevant contemporary Indian or International Security Standards e.g. IT and IT related elements against ISO/IEC 15408 standards, for Information Security</p>	<p>We understand that the Telecom Equipment asked in the tender is required to be commissioned in the critical power networks and needs to be secure from the Malware and other cyber security issues as per DOT. Hence, we believe, Valid Security testing certificate for Telecom Product( SDH &amp; PDH) from the designated lab is a mandatory requirement and to be furnished at the time of Bidding. Pls confirm</p>	<p>As per bid ,all documentary evidence of type test must be provided at the time of bidding.</p>	
----	--	--	--	---	--



		Management System against ISO 27000 series Standards, Telecom and Telecom related elements against 3GPP security standards, 3GPP2 security standards etc. from any international agency/ labs of the standards e.g. Common Criteria Labs in case of ISO/IEC 15408 standards until 31st March 2013. From 1st April, 2013, the certification shall be got done from authorized and certified agency/lab in India.			
27	Revised BOQ Schedule	Optical Interface/SFP: S1.2 & S4.2	There is no ITU-T standard like S1.2 and S4.2 and it is against the Technical Standards. ITU-T defined SFP's should be L1.2 and L4.2 . Kindly amend the SFP description.	Please refer the modified BoQ to be uploaded after the Pre-Bid meeting	S.No 9
28	Revised BOQ Schedule	Ethernet interfaces with minimum of 10/100Mbps configurable with Layer-2 switching (Minimum 16 interfaces per card)	We believe that the required 16 nos ethernet interface can be given through two cards as it will help protect Ethernet traffic in case one cards fails. If all the ethernet interfaces are on one card, failure of card will affect all the complete ethernet traffic. Pls confirm.	Please refer the modified BoQ to be uploaded after the Pre-Bid meeting	S.No 9
29	Revised BOQ Schedule	4wire (E&M) voice channel cards (min 4 channels per card)	As per the industry standard and Power sector Requirement, AEGCL should ask for E&M card for 8 Channel as they have asked 8 channels for both 2 wire( sub/Sub) and 2 wire ( sub/Each). This will give future voice channel	Please refer the modified BoQ to be uploaded after the Pre-Bid meeting	S.No 9

			expandability without additional cost. Kindly review.		
30	Volume – 2, Employers' Requirement - Technical Specifications; page-78	The security related requirements of the equipment shall be as per DOT (Department of Telecommunication) guidelines and all similar security requirements as amended by DoT on time to time basis shall be followed/complied by the vendor at no additional cost to employer till the implementation of the project.	<p>The telecom equipment being procured comes under the purview of DOT governed by Govt. of India to ensure security of the nation and the Grid. Union Government of India has issued strict guidelines under a policy called “Preferential Market Access” (PMA)( The Notification No. 18-10/2010-IP dated 29th August 2018) , as notified by the Ministry of Communications &amp; IT, to give preference to Domestically Manufactured Telecom products in Public procurement due to security concerns.</p> <p>Also , The Govt. of India has notified the clause( 10D); notification dated 19th Feb 2020, for telecom Products being Procured in India to ensure that Countries who doesn't allow Indian Manufacturer to participate in Tender procurement in their own country, manufacturer from such countries should not be allowed to participate in Indian procurement. We request you to kindly incorporate the said notification. The notified Policy is attached.</p>	As per bid	

31	not mentioned	To add/modify in the existing Bid	Bidder has to be an Indian manufacturer ( 100% Indian shareholding pattern) having manufacturing capability and NABL accredited routine test facility for OPGW at his own plant operational in India for last 3 years or shall procure OPGW from eligible reputed Indian manufacturer accordingly with suitable supply experience of at least 500 KM of OPGW in Indian Power utilities during last 1 Year. (Notified in the amendments to the General Financial Rules 2017 to ensure that henceforth goods and services valued less than Rs 200 crore are being procured from domestic firm and global tenders will be disallowed in government procurement up to Rs 200 crore, as announced in the #AatmanirbharBharat Package)	As per bid	
32			Bidder has to show valid type test results from NABL accredited labs only for their OPGW product as on the date of the bid. Even routine test reports should be from NABL accredited lab of the manufacturer only.	As per bid	
33			Under “Make in India” initiative PGCIL introduced Minimum Local Content clause – On Fiber Optic (FO) Cable (OPGW Cable) ~ 55%. PGCIL Tender enclosed.	As per bid	
34			Bidder should have supplied at least 200 kms of OPGW to an Indian Utility that should have been in satisfactory operation on 66 KV or above transmission line(s) for at-least 2 years as on the date of bidding.	As per bid	
35			Steel tube design of OPGW for robust strength and intensified protection of enclosed optical wire. This design is preferred for applications in hilly terrains	As per bid. (Please refer 1.11.12.1 of bid volume II)	

			and locations critical wind zones. We are attaching a typical specification for the same.		
36			Bidder should not have a court order restraining OPGW manufacture and sale in India. No litigation or Blacklisting history in the past 3 years as on date of bid on bidder / manufacturer or its associates.	As per bid	
37			Being an AIIB funded project under Reliable communication , we would request minimum 10% advance in payment terms as mobilization advance .	Please refer to the Addendum	S.No 10
38			Early completion of project brings early monetization benefit to utility and early revenue accrual ; hence bidders should be encouraged for early completion . As a motivation for such scope we would propose including Early Commissioning incentive of up to 0.5% per month up to a max of 5%.	As per bid	