

Clarifications against Pre Bid Queries for TURNKEY CONTRACT PACKAGE KOLATHUNADU LINES STRENGTHENING PACKAGE & NORTH MALABAR LINES PACKAGE Construction / Up gradation of 220/110kV line using Narrow base MCMV Towers

Tender No. -BPC/BD/KSEBL/2018-19 /01

Dated: 10.09.2018

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
1.	Volume:1 Section 1 C : Invitation for Bids Clause 5 Pgs;16,17 Brief description of "Brief of Works" and "Completion Period" under the project	Sr.No.2 Kolathnadu Lines Package: Project B <i>The project has two phases</i> and the total period of completion of work shall be 30 months reckoned from the official date of commencement, which is 15 days after the date of issue of work order or the date of the agreement whichever is earlier. Sr.No.3 North Malabar Lines Package: Project A <i>The project has two phases</i> and the total period of completion of work shall be 24 months reckoned from the official date of commencement, which is 15 days after the date of issue of work order or the date of the agreement whichever is earlier. Sr. No. 4 North Malabar Lines	Sl No. 2 Kolathandu Package : Project B : Sl No. 3 North Malabar Package : Project A : Sl No. 4 North Malabar Package : Project B : In all the above three Packages it is mentioned that the "Project has Two Phases". We request you to clarify the Phases for each lot and also its linking with completion Period.	It is to clarify that: Kolathandu Line Package is divided into two phases i.e. Kolathandu Line Package : Project A & Kolathandu Line Package: Project B. Project B is further divided into various execution phases for the easiness of execution and for minimizing shutdown. North Malabar Line Package is divided into two phases i.e. North Malabar Line Package : Project A Project A is not further divided into two phases. & North Malabar Line Package: Project B. Project B is further divided into various execution phases for the easiness of execution and for minimizing shutdown.

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		<p>Package: Project B <i>The project has two phases</i> and the total period of completion of work shall be 12 months reckoned from the official date of commencement, which is 15 days after the date of issue of work order or the date of the agreement whichever is earlier.</p>		
2.	<p>Volume 1: Section 2 : Instruction to Bidder Clause # 3,Pg.26</p> <p>ELIGIBILITY AND QUALIFICATIONS OF INTENDED PROSPECTIVE BIDDER: Note:</p>	<p>In case the bidder is a holding company, the experience for meeting the Qualification Requirement shall be of holding company only (i.e. excluding its subsidiary/group companies).</p> <p>In case the bidder is subsidiary of holding company the experience for meeting the qualification requirement shall be of that subsidiary company only. (i.e. excluding its holding company)</p>	<p>We request you to modify the note in the ELIGIBILITY AND QUALIFICATIONS OF INTENDED PROSPECTIVE BIDDER Criteria as below :</p> <p>In case the bidder is a holding company, the experience for meeting the Qualification Requirement shall be of holding company and / or including its subsidiary/group companies.</p>	<p><i>Bidder to Refer Amendment No. VI in this regard.</i></p>
3.	Volume: 1	Prospective Bidder	1. We understand	

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
	Section 2 : INSTRUCTIONS TO BIDDERS Clause 9.7,Pg.34 GENERAL INFORMATION	must agree to supply the materials and equipment that may be required for this project from specific manufacturers/vendors as per the approved list of manufacturers /vendors that is provided along with the Tender as per Annexure III of this volume. List of suppliers/ vendors for other equipment and materials shall be provided by the bidder during the bidding stage for evaluation of the bids, as per the format – N of section 3. The items which are not mentioned in Annexure III, bidders are advised to submit their options for supply of the items which are as per standards and approved by KSEBL to be procured from approved vendors of PGCIL along with details of supply, manufacturers'	that the suppliers listed by KSEBL in Annexure III are approved and bidder can choose the supplier from that list only 2. Items which are not mentioned in Annexure III, Bidder can propose a PGCIL approved supplier for that items only. Please confirm our understanding is correct.	Bidders are requested to refer Amendment No.IV, Dated 23.08.2018 in this regards.

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		experience and authorization from manufacturer shall also be submitted in the Format E.		
4.	Volume :1 Section 2 : Instruction to Bidder Clause # 38.1 Page 56 PERFORMANCE SECURITY DEPOSIT (PSD) AND CONTRACT AGREEMENT	Within 15 calendar days of issue of work order from KSEBL, the successful bidder shall furnish to KSEBL, a Performance Security Deposit (PSD) as per the Sample form F of Section 4 in the form of a Bank Guarantee or DD for an amount equivalent to 5 (five) percent of the contract price. The performance Security shall be in the form of DD/BG from a Nationalized Bank or Scheduled Bank except Indus Ind Bank.	We understand that Bidder has to submit the Performance Guarantee only and no Performance Security deposit is required. Please confirm our understanding is correct.	<p>Please read "Performance Security Deposit" as Security Deposit" which is 5% of contract price only and the same to be submitted by the successful bidder within 15 calendar days of issue of work order from KSEBL.</p> <p>Further, the Performance Bank Guarantee of 10% of contract price shall be provided by the successful bidder before release of final payment with validity till the end of warranty period.</p> <p>On submission of this PBG of 10% of the contract price following will be released:</p> <ul style="list-style-type: none"> a. 5% of the retention money. (As per Clause No. 44.2 of Volume-1 Section-5-General Conditions of Contract). b. The Security deposit @5% submitted by the successful Bidder at time of award.
5.	Volume :1 Clause No. 41 Payment Term,Pg.147	Based on the item wise rate quoted by the bidder, the Probable amount of contract (PAC) will be worked out and KSEBL/KIIFB	We request you allow the payments on supply of Materials for Supply items i.e. Tower, Conductor, OPGW,	Provisions of Bid Document shall prevail.

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		<p>(Kerala Infrastructure Investment Funding Board) will release the payments in the following manner:</p> <p>The Contractor will raise invoice periodically for the portion of completed erection works and corresponding supply items based on rate mentioned in BOQ which shall be payable as per the provisions stipulated below: 1% as interest free mobilization advance against separate BG, which will be adjusted in future bills. 90% Materials installed/ used and the labour charges for the completed works up to the date of preferring the bill, will only be paid along with 100% taxes (on production of documentary evidences) after adjustment of value of</p>	Insulator etc.	

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		<p>dismantled material For the sake of clarity it is reiterated that the supplies are not payable until the supplied items are used in the construction. The following are the guidelines to ascertain if the supplied materials are used for construction:</p> <p>i) the supplied tower structures are payable when they are erected</p> <p>ii) the conductor is payable when the stringing of the conductors has been done</p> <p>iii) the insulators, stringing hardware etc. are payable when the conductor stringing has been done</p> <p>iv) supplied OPGW becomes payable on stringing of the same</p> <p>v) the supplied spares shall be payable on commissioning and handing over</p> <p>The work items shall be</p>		

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		<p>payable as and when it is done. However, payment towards excavation for foundation etc. shall be made only after the foundation is complete upto the concreting of chimney of the foundation and backfilling done. Likewise, the supply of tower parts and erection of tower are payable only after tower is erected complete except for insulators and hardware for stringing.</p> <p><i>75% of the Bill amount will be disbursed within 30 days of preferring the bill on preliminary verification and 100 % adjustment of corresponding value of dismantled items. The balance 15% will be paid only after auditing of the bill within 60 days.</i></p>		

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		<p>On completion of the whole of the Works, half the total amount retained (5% of retention amount) will be released to the Contractor within 180 days of Commissioning and Handing over Date (CHD) and submission, auditing and settling of the final bill by the contractor, after adjusting the liabilities, deductions, quantity variations, price variations etc. if any. The other half (balance 5% of retention amount) will be released on production of Fresh Bank Guarantee against the PBG or will be released along after the expiry of 84 months from date of commissioning and handing over the circuit.</p> <p>If there is no reason to retain the Performance Security/securities, the Performance Security/securities is to</p>		

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		be returned by KSEBL within 30 days after the expiry of 84 months from date of commissioning and handing over the circuit		
6.	Volume:1 General Query,Pgs.16,17 BOQ Items Brief description of "Brief of Works" and "Completion Period" under the project	Sr.No.2 Kolathnadu Lines Package: Project B <i>The project has two phases</i> and the total period of completion of work shall be 30 months reckoned from the official date of commencement, which is 15 days after the date of issue of work order or the date of the agreement whichever is earlier. Sr.No.3 North Malabar Lines Package: Project A <i>The project has two phases</i> and the total period of completion of work shall be 24 months reckoned from the official date of commencement, which is 15 days after the date of issue of work order	We have noted that the Lines have different Completion Schedule for Package in Kolathandu Package but the BOQ for the line is combine. We assume that the Payment for the lines completed in 12 Months will be completely paid in 12 months and not hold for 30 months. We request you to either make the quantities separate for each line.	The Bidders are requested to note that detailed break up of items for each line on the basis of quoted prices shall be worked out after award and applicability of payment provisions shall be dealt accordingly. However, Payment Terms shall remain unchanged.

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		<p>or the date of the agreement whichever is earlier.</p> <p>Sr. No. 4 North Malabar Lines Package: Project B <i>The project has two phases</i> and the total period of completion of work shall be 12 months reckoned from the official date of commencement, which is 15 days after the date of issue of work order or the date of the agreement whichever is earlier.</p>		
7.	<p>Volume : 1 Sample Form D Contract Agreement Format,Pg.111</p> <p>Article V : Rates to Hold Good</p>	<p>ARTICLE V- RATES TO HOLD GOOD IN CASE THE PERIOD OF THE CONTRACT IS EXTENDED: The rates agreed by the Contractor as per schedules Supply and Work orders respectively and accepted by the KSEBL shall hold good for all works done towards the completion of the contract whether</p>	<p>As per this clause it is mentioned that there will be "no revision of rates for the works shall be allowed on any ground or any reason"</p> <p>In case project is delayed and contractor is not responsible for the delay, we request you to consider the</p>	Provisions of Bid Document shall prevail.

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		within the period mentioned herein or during the mutually agreed extended period, if any. No revision of rates for the works shall be allowed on any ground or on any reason.	revision of rates by mutual agreement.	
8.	Volume : 1 Annexure I & Annexure II Price Variation Page 180	Price Variation Clauses	We request you to consider the Price Variation for the following Items : 1. Bolts and Nuts 2. Hardware Fittings 3. Instillation including Civil Works 4. Reinforcement Steel 5. Concreting Price Variation for all the above items is given by PGCIL. Hence, we request you to consider the Price Variation for all the above items.	Provisions of Bid Document shall prevail.
9.	Price Schedule and Volume : 2 Technical Specification		1. Supply BOQ Item 2.11.1, it is mentioned that the Hardware fittings required for ACSR	Twin ACSR Panther Conductor is to be used for 220kV portion and single ACSR Panther to be used for 110kV portion of MCMV line. Further, Change in BOQ is proposed as separate line item (2.11.4) for Double

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
			<p>Panther is Twin Bundle.</p> <p>In Technical Specification the hardware drawings provided are showing only Single ACSR panther conductor.</p> <p>Request you to clarify the same.</p>	<p>Tension Hardware fitting for ACSR Twin Panther.</p> <p><i>Also Bidder to Refer Amendment No. VI in this regard.</i></p>
10.	Volume : 2 Technical Specification,.Pg.271	Section-6 OPGW	<p>Please provide the following details which will be helpful in designing of suitable OPGW :</p> <p>1) Nominal span (mm)</p> <p>2) Wind pressure(kg/m²)</p> <p>3) Max.sag at 53°C- Nil wind condition or Initial sag at 0°C - Nil wind Condition</p> <p>4) Max.tension at 32°C -full wind Condition</p>	<p>Details shall be provided by KSEBL to successful bidder.</p>
11.	Volume 2: Annexure-C: Approximate Tower Quantity		<p>Request kindly clarify where will the Narrow based towers will be used in the Tower</p>	<p>Bidders are requested to assess the requirement based on the data provided by KSEB.</p>

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
	Tower Locations		Schedule along with Locations ?	
12.	Volume 2: Technical Specifications Clause 6 Pg 221 Damages	<p>The Contractor shall take all reasonable precautions to avoid damage to land, property, roads, crops, field drains, fences walls, hedges, gates, trees and the like and shall ensure that the work is adequately supervised so that any damage is reduced to the minimum. The Contractor shall pay compensation to the owners/tenants for damages of crops, trees and houses during the project implementation within the way leaves (right-of-way) which are unavoidable for construction of the transmission line. The KSEBL's representative shall assist the Contractor in his negotiations with the landowners about such compensation.</p>	<p>"The Contractor shall pay compensation to the owners/tenants for damages of crops, trees and houses during the project implementation within the way leaves (right-of-way) which are unavoidable for construction of the transmission line."</p> <p>We understand that the Rights of way payment will be in client's scope and only damages to Crop, Trees and Houses which are during execution work will be in Contractors scope.</p> <p>Land Compensation for Tower Footing and Right of Way</p>	<p>Bidders understanding in this regard is correct.</p>

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
			Charges (if any) required to pay to land Owners will be in KSEBL Scope.	
13.	Volume:2 Price Schedule : Material and Spares Item : 2.6.1	Hardware BOQ 2.6 Manufacturing, Testing & Supply of Single Tension Hardware Fittings for following type of conductor complete in all respect as per Scope and technical specification 2.6.1 110kV ACSR Panther Conductor	Request you to clarify if the Item No.2.6.1 is only for 110KV or for both 220 and 110KV (Supply Hardware)	BOQ is clear and hence no change in BOQ is required.
14.	Volume :2 Price Schedule Item # 1	Tower Materials	We request you to Bifurcate the Tower material BOQ in two different parts 1) Tower material including B/N, stubs and 2) All the accessories should be separate items for supply and erection As the payment terms are linked to erection, Payment	Provisions of Bid Document shall prevail.

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
			for Tower Material should be released on Erection of Towers and it should not be hold till erection of accessories. As the accessories will be installed after stringing of conductor payment for Tower Material will be on hold till that time. Hence we request you to bifurcate this item in Two parts.	
15.	Volume: 2 Price Schedule : BOQ Labor Item # 7 to 63	BOQ Items	We have gone through the price schedule and after studying the same we found that the Quantities for BOQ (Labour) Sr. no # 7.1 to Sr. no.63 for Kolthandu Package are misplced, request you correct the Price Schedule and revise the same.	Bidder to Refer Amendment No. VI in this regard.
16.	Volume: 2 Price Schedule : BOQ Labor	Excavation	We request you to add excavation in hard rock soil using explosive agent in	Provision of bidding documents shall prevail and bidders request shall not be admitted.

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
			case of remote or forest /Hilly area.	
17.	Volume: 2 Price Schedule : BOQ Labor	Concreting Methods	We have studied the Labor BOQ, hence request you to make a provision of Machine batch and machine mix design M-20 grade cement concrete. Adding this item in BOQ will help in using the Machines and will increase the productivity in congested or inaccessible locations.	Quantity provided in line item No.43 for Machine batch and machine mix design.
18.	Volume: 2 Price Schedule : Material & Spares	OPGW Joint Box	We request you to make a provision of three way Joint box for OPGW cable in case required in Substations end.	2/3 JB to be considered. Bidder to supply as per the requirement
19.	Volume 2: Technical Specification,Pg.369	Bolts & Rivets	Please Clarify Whether to use GI Rivets or Bolts as per Clause 4.8.3, 4.8.4 & 4.8.5 of hardware Fittings it is specified as GI Rivets.	Only Bolts
20.	Volume 2: Technical Specification,Pg.381	UTS for Suspension & Tension for 220kV	As per Specification UTS for Twin ACSR	For 110kV with Single ACSR Panther Conductor Single Suspension/Tension Fitting

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		ACSR Single Panther	Panther is 90KN & 120KN for Suspension & tension respectively. Should we consider the same for 220kV Single ACSR Panther. Please Clarify	will be suitable for 70kN and 90kN respectively & double Suspension/Tension fitting shall be suitable for 140 kN & 180 kN respectively. For 220kV with twin ACSR Panther conductor V-Suspension String (each arm) and Single Tension String shall be suitable for 90kN & 120kN Respectively and <i>Double Tension Fitting shall be suitable for 240 kN.</i>
21.	Volume 2: Technical Specification	Specification & type test details for T-Connector, Spacer Damper & Rigid Spacer	Technical requirement & Type test details for T-Connector, Spacer Damper & Rigid Spacer is missing Please Provide	KSEBL Shall provide the same to the successful bidder.
22.	Volume 2: Technical Specification,Pg.391	Cement Supply	We request you accept the PPC grade cement instead of OPC.	Provisions of Bid Document shall prevail.
23.	Pile Design		We request you to share the Piling or special foundations designs to get the best quotations from the vendors.	Design shall be shared with the successful bidder.
	Product: ACSR KUNDAH,ACSR PANTHER			
24.	Vol-2,Technical Specification,Cl.No.5.1,Page-54 (Compiled Document Page	The material offered shall be of best quality and workmanship. The	Please clarify that for ACSR Product/Type, the	It is clarified that ACSR Product/Type, the aluminum wire of EC Grade, shall be as per the relevant IS:5484 standard.

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
	No. 243)	Aluminium conductor strands will consist outer stranding of fully annealed aluminium wire of 1350-0 & inner core shall be of aluminium conductor steel reinforced for 220 &110kV.	aluminum wire of EC Grade, as per the relevant IS:5484 standard.	
25.	Vol-2,Technical Specification,Cl.No.5.1,Page-54 (Compiled Document Page No. 243)	The steel wires for conductor shall be evenly and uniformly coated with Zn complying with ASTM B498/957.	The steel wires properties for conductor are as per the relevant IS:398 Part-2/IS: 4826/IS: 209 standard.Please confirm.	Confirmed
26.	Vol-2,Technical Specification,Cl.No.6.4.1,Page-55	The standard length of the conductor shall be 2000 meters . A tolerance of +/-5% on the standard length offered by the Bidder shall be permitted. All lengths outside this limit of tolerance shall be treated as random lengths.	We understand that in ACSR Panther, proposal of double length in single drum i.e Std. length 2000 Meter (+/-5 %) X 2 length .Please clarify.	Decision shall be given to successful bidder after submission of Drum Schedule
27.	Vol-2,Technical Specification,Cl.No.6.5,Page-55	Tolerances: Manufacturing tolerances on the	The dimensions and tolerance mentioned in GTP are as per the	As per IS it is acceptable

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		dimensions to the extent of one per cent shall be permitted for individual strands and the complete conductor.	applicable/relevant IS:398 Part 2 & IS:398 Part-5 standards. Kindly confirm.	
28.	Vol-2,Technical Specification,Cl.No.7,Page-55	TEST ON CONDUCTORS	As per the TS it is combined for all ACSR and ACCC Product ,so kindly specify the details of required type test needed particularly for ACSR Product.	Revised Test schedule is attached as Annexure-I.
29.	Vol-2,Technical Specification,Cl.No.8,Page-58	Packing: The conductor shall be supplied in non-returnable, strong, wooden drums provided with lagging of adequate strength, constructed to protect the conductor against all damage and displacement during transit, storage and subsequent handling and stringing operations	We request you to amend the proposal with Steel drum with flexi packing on returnable basis.As we are supplying steel drum on returnable basis in the ongoing project "ERANAD"KSEB.	Steel Drums on returnable basis is acceptable to KSEBL

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		in the field. The Supplier shall be responsible for any loss or damage during transportation handling and storage due to improper packing. The drums shall generally conform to IS:1778, except as otherwise specified hereinafter.		
30.	General Query		We envisage that there is no provision for 220/110V Monopoles in the scope of work. Kindly confirm.	No Provision
31.	General Query		Provide Bank details (Name of Bank & Branch, Bank Account Name, Bank Account Number & RTGS/IFSC Code No.) for issuing EMD Bank Guarantee using SFMS Platform	A/c No. 37321524620 IFSC Code: SBIN0070787 SBI - Shoranur Town Branch (70787)
32.	Volume 2: Technical Specifications Section 3 Site Access	A preliminary line route shall be provided by the KSEBL to enable	Kindly confirm the following: 1. Temporary	Provisions of Bid Document shall prevail.

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
	<p>Clause 1 Way Leaves</p>	<p>the Contractor to start with the Contract works. The line route plan does not include facilities for storing material. The Contractor will satisfy himself that the necessary rights of entry and access have been obtained before entry is affected. The Contractor shall indicate to the Engineer such pipes or other obstructions, telephone, telegraph and power lines which infringe the clearances specified or otherwise fail to satisfy the requirements of the Specification.</p> <p><i>The necessary permission for the removal of obstructions such as trees, houses, etc. and for the permanent removal or guarding of pipes, telegraph, telephone and power lines will be in the responsibility of the</i></p>	<p>removal of obstructions comes under the scope of the contractor. But permanent removal of obstructions is the responsibility of the Board and the Board will bear the cost. Contractor has to do the necessary liaisoning work.</p> <p>2. Compensation for additional RoW like, land, crop, etc. will be paid by the Board.</p> <p>3. For encroachment at tower locations, KSEBL will clear the site. Tree cutting compensation will be paid by the Board.</p>	

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		<i>Contractor. The KSEBL shall assist the Contractor in getting that permission, if required for such works.</i>		
33.	Volume 1: Section-2 Instruction to Bidders Clause 18.2 Page 44	The Tender Fees shall be in the form of bank draft in favour of Deputy Chief Engineer with full powers of Chief Engineer, Trans Grid North, Kerala State Electricity Board Limited, payable at Shoranur from a scheduled bank selected by the bidder except Indus Ind Bank .The Bid Security shall, at bidder's option, be in the form of crossed bank draft/pay order /banker certified cheque or a bank guarantee in favor of Deputy Chief Engineer with full powers of Chief Engineer, Trans Grid North, Kerala State Electricity Board	Kindly allow shorter name for issuing Demand Draft towards Tender Fee to be drawn in favour "Deputy Chief Engineer with full powers of Chief Engineer, Trans Grid North, Kerala State Electricity Board Limited, payable at Shoranur"	DD in favour of Chief Engineer, TransGrid, Shoranur payable at Shoranur. Demand Draft of all Nationalized/Scheduled Banks accepted.

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		<p>Limited, payable at Shoranur from a scheduled bank selected by the bidder except Indus Ind Bank. The format of the bank guarantee shall be in accordance with the form of bid security included in the Bidding Documents. Bid security shall remain valid for a period of thirty (30) days beyond the original bid validity period, and beyond any extension subsequently requested under ITB Clause 17.</p>		
34.	<p>Volume :1 Clause No. 41 Payment Term,Pg.147</p>	<p>Based on the item wise rate quoted by the bidder, the Probable amount of contract (PAC) will be worked out and KSEBL/KIIFB (Kerala Infrastructure Investment Funding Board) will release the payments in the following manner:</p> <p>The Contractor will raise invoice</p>	<p>As per following Payment Terms, we understand that interest free mobilization advance against separate BG is 10%. Kindly confirm.</p>	<p>Provisions of Bid Document are amply clear.</p>

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		<p>periodically for the portion of completed erection works and corresponding supply items based on rate mentioned in BOQ which shall be payable as per the provisions stipulated below:</p> <p>1% as interest free mobilization advance against separate BG, which will be adjusted in future bills.</p> <p>90% Materials installed/ used and the labour charges for the completed works up to the date of preferring the bill, will only be paid along with 100% taxes (on production of documentary evidences) after adjustment of value of dismantled material</p> <p>For the sake of clarity it is reiterated that the supplies are not payable until the supplied items are used in the construction. The following are the</p>		

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		<p>guidelines to ascertain if the supplied materials are used for construction:</p> <p>i) the supplied tower structures are payable when they are erected</p> <p>ii) the conductor is payable when the stringing of the conductors has been done</p> <p>iii) the insulators, stringing hardware etc. are payable when the conductor stringing has been done</p> <p>iv) supplied OPGW becomes payable on stringing of the same</p> <p>v) the supplied spares shall be payable on commissioning and handing over</p> <p>The work items shall be payable as and when it is done. However, payment towards excavation for foundation etc. shall be made only after the foundation is complete upto the concreting of</p>		

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		<p>chimney of the foundation and backfilling done. Likewise, the supply of tower parts and erection of tower are payable only after tower is erected complete except for insulators and hardware for stringing.</p> <p><i>75% of the Bill amount will be disbursed within 30 days of preferring the bill on preliminary verification and 100 % adjustment of corresponding value of dismantled items. The balance 15% will be paid only after auditing of the bill within 60 days.</i></p> <p>On completion of the whole of the Works, half the total amount retained (5% of retention amount) will be released to the Contractor within 180 days of Commissioning</p>		

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		<p>and Handing over Date (CHD) and submission, auditing and settling of the final bill by the contractor, after adjusting the liabilities, deductions, quantity variations, price variations etc. if any.</p> <p>The other half (balance 5% of retention amount) will be released on production of Fresh Bank Guarantee against the PBG or will be released along after the expiry of 84 months from date of commissioning and handing over the circuit.</p> <p>If there is no reason to retain the Performance Security/securities, the Performance Security/securities is to be returned by KSEBL within 30 days after the expiry of 84 months from date of commissioning and handing over the circuit</p>		
35.	Volume :1	For Supply of	Kindly confirm	Labour Cess only for the Services Portion.

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
	Sec-2, ITB, Cl 16.2 Page 42	<p>material:- All statutory taxes, insurance, freight charges etc. and other levies payable by the contractor under the contract, or for any other cause, shall be indicated equipment/material wise separately in detail in the bid submitted by the bidder as per Price Schedule format. In case of any increase in taxes as a result of change in law, it will be reimbursed by KSEBL up to the period of the scheduled date of completion of the work. For the portion of the work executed after the scheduled date of completion, no extra claim will be considered by the KSEBL. In respect of any reduction in tax, the benefit is to be passed on to KSEBL. No tax other than that mentioned in the price</p>	<p>whether Labour Cess will be deducted on Erection portion of the contract only or on Supply portion also. Please confirm the applicable percentage of Labour Cess.</p>	<p>Percentage of Labour Cess shall be as per rates prevailing at time of payment</p>

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		<p>bid (Price Schedule- Volume III) shall be paid. Taxes on the cost of materials will be reimbursed to the contractor, provided, the contractor furnishes split up details of such taxes in the bid, if any, subject to the conditions mentioned below.</p> <p>"The reimbursement shall be done on production of documentary evidence to prove that the contractor has actually remitted such taxes. Whenever concessional duties or taxes are applicable to the project, the contractor shall avail such benefits and only such reduced rates of taxes shall be applied during the course of this contract."</p> <p>In case of imported equipment's, the bidder shall make his own</p>		

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		<p>arrangements and any import duty will be to the account of the contractor and KSEBL shall not render any assistance in this regard.</p> <p>For Labour: As regards Income Tax, Surcharge on Income Tax, Kerala Construction Workers Welfare Fund (KCWWF), KSEBL shall not bear any tax liability whatsoever, irrespective of the mode of contract. The bidder shall be liable and responsible for payment of such taxes attracted under the provision of law. Tax will be deducted at source wherever required.</p> <p>GST applicable as per rules at the time of preferring the claim will be reimbursed as per actuals. In case of any increase in tax from the</p>		

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		<p>prevailing rate at the time of bidding as a result of change in law, it will be reimbursed by KSEBL up to the period of the scheduled date of completion of the work. For the portion of the work executed after the scheduled date of completion, no extra claim will be considered by the KSEBL. In respect of any reduction in tax, the benefit is to be passed on to KSEBL. The contractor should produce the required certificates from the Tax department specifying the rates for such deductions. The bidders shall produce GST/PAN and other relevant tax registration number. The rates quoted for all supply of materials, if</p>		

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		any, and Civil/Electrical works shall include, the conveyance of all materials, and items with all lifts and leads, all labour charges for centring, concreting, form work, scaffolding charges, masonry works, plastering, painting, curing at all levels, required T&P etc., complete.		
36.	44.1 Retention			KSEBL will retain 10% from each bill as specified in Clause 41.a.2
37.	Sec-9, Part-I, Tower Foundation, Cl 1.7.2.6 Page 210	As per Specification, where rock is encountered, the holes for tower footings shall preferably be drilled. Blasting will not be permitted under any circumstances. However, the contractor can resort to blasting using non-explosive agents (Chemical blasting) as specified in the tender schedule. In	In this connection, we would suggest that normal blasting can also be allowed where rock is encountered. Blasting using non-explosive agents (Chemical blasting) will require more procedural activity and will increase the cost of work.	Provision of Bidding Documents shall prevail.

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		<p>cases where drilling is done, the stubs may be shortened suitably with the approval of the KSEBL or his authorised representatives. The Contractor shall arrange & supply requisite chemicals for chemical blasting without any extra cost.</p>		
38.	<p>Performance Bank Guarantee / Performance Security Deposit</p>	<p>As per specification, 1) Cl 4.9 of Sec-2, ITB, Page 29 - The performance Bank Guarantee equivalent to 10% of the contract value shall be provided by the bidder and maintained during the entire guarantee period. 2) Cl 47 of Sec-5, GCC, Securities, Page 151 - The Performance</p>	<p>As per the standard provisions of the contract prevailing in India, the performance security deposit in addition to Performance Bank Guarantee is restricted to 1% of the contract value, whereas as per KSEB specification the same is 5% of the contract value and validity period should be 84 months instead of 12 months as per the practise. This seems to be on very</p>	<p>Please read "Performance Security Deposit" as Security Deposit" which is 5% of contract price only and the same to be submitted by the successful bidder within 15 calendar days of issue of work order from KSEBL.</p> <p>Further, the Performance Bank Guarantee of 10% of contract price shall be provided by the successful bidder before release of final payment with validity till the end of warranty period.</p> <p>On submission of this PBG of 10% of the contract price following will be released:</p> <p>c. 5% of the retention money. (As per Clause No. 44.2 of Volume-1 Section-5-General Conditions of Contract).</p> <p>The Security deposit @5% submitted by the</p>

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		Security Deposit (PSD) of 5% of the Contract Price is to be provided to the KSEBL	higher side. So we request you to review the same and modify accordingly.	successful Bidder at time of award.
39.	General		<p>We need to do extensive exercise / preparation like survey, getting quotations from vendors considering guarantee period, commercial details etc. which requires some more time to prepare our tender proposal.</p> <p>We, therefore, request you to extend the due date of submission of tender by at-least 30 days' time and oblige.</p>	Extended Last date of submission - 22/09/2018
40.	SECTION - 2 INSTRUCTIONS TO BIDDERS & SECTION - 4 SAMPLE FORMSITB 4.10 & Sample D -CONTRACT AGREEMENT FORMAT	4.10 Upon Commissioning and Handing over, the bidder must provide technical support and training for KSEBL staff and officers for Operation &	We understand that the onetime training Upon Commissioning and Handing over of line to be provided. We request you to provide the number	On completion of each phase, the successful bidder should provide training to respective KSEBL Line maintenance staff (10 persons) for two days on the operation and maintenance aspects of the constructed line.

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		<p>Maintenance of the line as the conditions stipulated in tender documents.</p> <p>In Contract Agreement form it is mentioned that During the warranty period, the bidder must provide technical support and training for KSEBL staff and officers for O&M of the line as per the conditions stipulated in tender documents.</p>	<p>of staff to be trained and number of days of technical support and training to be imparted.</p>	
41.	<p>SECTION - 2 INSTRUCTIONS TO BIDDERS ITB - Cl. 11.4</p>	<p>Local Representation: - The Bidder shall indicate in his bid, under a separate covering letter, the name of the person or the firm who will be acting as his representative for the purpose of his bid. He shall also state, the service facilities which he or his representatives have</p>	<p>1. In case , If the bidders is not having any local representation and wants all the correspondence regarding this bid to the person authorised to sign the bid? 2. Is the bidder allowed to mention in the Format M in section 3 as not applicable in the above case. Please confirm</p>	<p>Provision of bid documents shall prevail.</p>

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		as per sample format M of section 3 in this volume.		
42.	Volume-II Technical EXCAVATION Cl 1.7.2.3	Specification The soil to be excavated for tower foundations is as per design specifications provided by KSEBL.	As the line has to be constructed in existing corridor and location will have constraints for excavating upto 3.5 metres. We request you to provide the design of foundation with 3 metre depth.	Provision of bid documents shall prevail.
43.	Volume - III Price Schedule	1. In item no 21 , 28 & 29 , Earthwork excavation	1.Since the major portion of line will have laterite stone excavation. We request you to introduce the item for laterite stone excavation. 2. We request you to provide specification for Ordinary rock excavation.	Provision of bid documents shall prevail.
44.	Volume - III Price Schedule	Item no. 27 Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	We understand the pumping of water from excavated pit will also be paid under this item. Please confirm.	Provisions of bid documents are amply clear.

SR. No.	Clause No.	Description of Clause	Bidder's Query	RECTPCL/KSEBL Comments
		Complete in all respects as per scope & specification of work & technical specifications.		

Annexure-I

Test Schedule for ACSR Conductor

Type Tests:

1. DC resistance test on Stranded Conductor.
2. UTS Test on Stranded conductor.

Acceptance Tests:

Tests to be conducted after stranding.

1. Visual & Dimensional check on drum.
2. Visual check for Joints, scratches etc. and length measurement of conductor by rewinding.
3. Dimensional check on steel and Aluminum strands.
4. Check for lay-ratios of various layers.
5. Galvanizing test on steel strand.
6. Torsion and Elongation tests on steel strands.
7. Breaking load test on Steel and Aluminium strands.
8. Wrap test on Steel & Aluminium strands.
9. D.C. Resistance test on Aluminium Strands.

Acceptance Tests:

1. Barrel bottom strength test.
2. Procedure qualification test on welded joint of Aluminium Strands.

Routine Tests:

1. Check to ensure that the joints are as per Specification.
2. Check that there are no cuts, fins etc., on the strands.
3. Check that drums are as per Specification.
4. All acceptance tests mentioned above are to be carried out on 10% of drums.

Tests during manufacturing:

1. Chemical analysis of zinc used .
2. Chemical analysis of Aluminium used for making Aluminium strands .
3. Chemical analysis of Steel used for making Steel strands .