

Invitation for Bids NO. IFB No: [CPC/JICA/ICB/02/18-19]
Reference Identification No: [OPTCL/JICA/PKG-2]

Loan Agreement No: [ID-P245]

NAME OF PROJECT: Construction and completion of [Design, Supply and Installation] Transmission Lines for 1)220kV D/C line with ACSR Zebra from Khuntuni (Siaria) to Dhenkanal (New) 2)220kV LILO line of Dubiri-Meramundali line (Dhenkanal (new) S/s with LL-ACSR, 3)132kV D/C Line from Dhnekanal (New) S/s to Dhnkanal S/s, 4) 400kV LILO line from Mendhasal-Kuchei (PG) Line with twin Moose conductor, 5)LILO of 220kV D/C line from Duburi (new) to Bhadrak with LL-ACSR, 6) LILO of 220kV Duburi-Paradeep Line to 220/132kV Kuakhia S/s, 7) LILO of 132kV J. Road-Kendrapada line to 220/132kV Kuakhia S/s in Odisha State of India under Package-2

REPLY TO QUERIES RECEIVED FROM FIRMS

NAME OF CLIENT:- ODISHA POWER TRANSMISSION CORPORATION LIMITED, Bhubaneswar

S.No	Description of the Clause	Query	OPTCL's Reply
1	E 26 – Transmission Line, Cl 2.1.2.5 Way Leave and Tree Cutting Way-leave permission which may be required by the contractorsmooth progress of the work. Trimming of the branches or cutting of a few trees en-route during surveyin the rates quoted by him.	We understand that the payment for land compensation to be made during foundation, erection & stringing shall be in the scope of the Employer. Please confirm that our understanding is correct.	The payment for land compensation to be made during foundation, erection & stringing shall be in the scope of the Bidder.
2	Sec I, ITB, Cl 18.1 Bidder's shall quote for the entire plant and installation services on a single responsibility basis And where so required by the bidding documents, the acquisition of all permits, approvals and licenses etc., the operation, maintenance and training services as may be specified. Sec III, EQC, Cl 1.2.2(e) The following additional criteria will be used in the evaluation: (i) Cost of mandatory spares, optional maintenance equipment & spares and special tools & tackles shall be deemed to be included in the cost of plant.	We understand that the contractor has to supply and install the works as per the price schedules. Any additional spares shall be supplied at extra cost. Please confirm that our understanding is correct.	As per tender condition.
3	Sec VI, Brief scope of work, Major equipment to be supplied under this contract 1. Structure for columns beams & equipment 2. M.S.Rod	We understand that the contractor has to supply and install the works as per the price schedules. Any additional spares shall be supplied at extra cost.	As per tender condition.
4	Vol III of III	We understand that the following sections/clauses are not applicable to this tender as they pertain to sub-station tenders. (a) Sec I General, Cl 8, Training (b) Sec II, General technical clause, Cl 12, Wiring, Cabling and Cable Installation. (c) E6, Civil Works, Cl 1.1 Scope of Work. (d) E6, Civil Works, Cl 8.28 Load test on parts of structure. (e) E8 – Drg, Test Cert , O&M Manuals, Cl 3 Detailed Drawings, (b) Specific Requirement.	In General, the Technical specifications are prepared for sub-station work and transmission line work. The sections which are applicable to respective work shall be considered as per tender condition.

S.No	Description of the Clause			Query	OPTCL's Reply
5	<p>Sec I, ITB: A list giving full particulars including available sources of all spare parts, special tools etc, necessary for the proper and continuous functioning of the plant for the period of 2 years following completion of plant and installation services.</p> <p>Vol III of III, Sec I, Optional Spares: General, CI 7.3 The spares shall include consumable items sufficient for a plant operational period of 5 years after commissioning as well as essential replacement parts to cover the event of a break-down which would affect the availability or safety of the plant.</p>			<p>We understand that the list of spares shall be mentioned for a period of 2 years. Please confirm.</p>	As per Sec I, ITB.
6	E20 - Cond, E/W, Insulators, CL 10: Packing and Marking			<p>We understand that the conductor can be supplied in returnable steel drums. Please confirm.</p>	The conductor shall be supplied in non-returnable drums (wooden drums) as per technical specification. Further, the conductor can also be supplied in returnable steel drums.
7	<p>E-26, Transmission Line, Pg 16 of 84 The design of towers and their extensions shall be done conforming to the design parameters specified herein... The bidder who has already type tested the various tower viz. 0-2, +3, +6, 0-15, +3, +6, 0-30, +3, +6, 0-60, +3, +6,(400/220/132 kV) in any nationally or internationally recognised laboratories and conforming to our specifications may also offer the same.</p> <p>Sec III, EQC, CI 1.2.2 (d), Work, Services, facilities etc. to be provided by the Employer Drawings, GTP, Location Details and Price Schedules available with Employer shall be provided for execution of work. Drawings & GTP that are not available with the Employer shall be designed and got approved by the Bidder from the Employer with no extra cost to the Employer.</p> <p>Vol-III (TS) E26 - Transmission Line, Pg 78 of 84 The bidder shall furnish design of piles (in terms of rated capacity,for construction of pile in terms of measurable parameter, reinforcement for job as well as test piles, location of initials test piles.</p>			<p>We understand that the drawings of all the towers and foundations including extensions shall be provided by the Employer. The contractor shall design only special towers and foundations during the execution stage and the bidder is not required to submit any design drawings during the bidding time. Please confirm.</p>	As per Standard bidding Document- Drawings, GTP, Location Details and Price Schedules available with Employer shall be provided for execution of work. Drawings & GTP that are not available with the Employer shall be designed and got approved by the Bidder from the Employer with no extra cost to the Employer.
A	NAME OF THE WORK:-Construction of 220 kV Line from proposed 400/220 KV Grid S/S (Dalabhaga) Khuntuni to the proposed LILO line from existing 220 KV Duburi-Meramandali line to 220 /132 KV Out Door type GIS S/S, Dhenkanal. (Approx. Line length-42.59 Km) . in Odisha State of India under PACKAGE-2 Under Japan International Cooperation Agency (JICA)'s ODA Loan.				
Sl No.	Price Sch SI No.	Description	Schedule No. 1. Plant Supplied from Abroad (Transmission Line)	Schedule No. 2. Plant Supplied from Within the Employer's Country (Transmission Line)	OPTCL's Reply

S.No	Description of the Clause			Query	OPTCL's Reply
1	4.1.4	PREFORMED ARMOUR ROD	498 Nos.	Item Missing under "POWER CONDUCTOR ACCESSORIES"	Suspension Hard wares fittings shall be AGS type along with PA Rod. Hence, Quantity of PREFORMED ARMOUR ROD in Schedule No.1. shall be considered as 'ZERO'
B	NAME OF THE WORK:-Construction of 220 kV LILO Line from 220 kV Bhadrak - Balasore D.C line & 220 kV LILO Line from 220 kV Dhamara - Balesore D.C line to 400/220 KV Out Door type GIS S/S,(Ramkrushnapur) Bhadrak. (Approx. Line length-38.194 Km) . in Odisha State of India under PACKAGE-2 Under Japan International Cooperation Agency (JICA)'s ODA Loan.				
1	4.2.4	P A ROD FOR ACSR ZEBRA	900 Set	Item Missing under "POWER CONDUCTOR ACCESSORIES"	Suspension Hard wares fittings shall be AGS type along with PA Rod. Hence, Quantity of PREFORMED ARMOUR ROD in Schedule No.1. shall be considered as 'ZERO'
C	NAME OF THE WORK:-Construction of 400kV LILO Lin from 400kV Pandiabil(PGCIL) - Kuchei(PGCIL) DC line &400 kV LILO Line from New Duburi- Kuchei (Baripada) D.C line. to 400/220 KV Out Door type GIS S/S,(Ramkrushnapur) Bhadrak. (Approx. Line length-4.642 Km) in Odisha State of India under PACKAGE-2 Under Japan International Cooperation Agency (JICA)'s ODA Loan.				
1	6.0	EARTH CONDUCTOR ACCESSORIES			The Quantity of Earth Conductor Accesoories in Schedule No.1. shall be similar to that of Schedule-2.
1.1	6.1	VIBRATION DAMPER	128.00	64.00	64.00
1.2	6.2	FLEXIBLE COPPER EARTH BOND	36.00	18.00	18.00
1.3	6.4	TENSION CLAMP	36.00	18.00	18.00
1.4	6.5	MID SPAN COMPRESSION JOINT	6.00	4.00	4.00
1.5	6.6	REPAIR SLEEVE	6.00	4.00	4.00

Pat
28/5/19