

CIN- U40108CT2003SGC015820,

GST No.22AADCC5773E1ZX

**CHHATTISGARH STATE POWER TRANSMISSION CO. LTD**

(A Government of Chhattisgarh Undertaking)

Office of the Chief Engineer (Planning & Projects)

Address : Third floor, SLDC Building, Dangania Raipur-492013.

Website : www.cspc.co.in

Phone 0771-2574238/12/09

Fax:0771-2574246

No. 02-04/TL/TR-20/08/Pre-bid- Corrigendum/

Raipur/dtd.

No 1 2 7 3 27 NOV 2020**CORRIGENDUM**

(After Pre-bid Conference on 24/11/2020)

TENDER NO.TR-20/08

(Due date of opening of tender 08/12/2020)

Sub: - Tender for 'Replacement of existing G.I. Earth-wire (7/3.66mm) of various EHV transmission lines (4700 km) of CSPTCL by OPGW (24&48 Fiber) on turnkey basis (Tender No.TR-20/08).

Ref:-1) This office N.I.T. No.02-04/NIT/TR-20/08/1087 Raipur/dtd.03/11/2020.
2) Pre-bid conference held on 24/11/2020.


As per Pre-bid conference held on 24/11/2020 of tender No.TR-20/08 for 'Replacement of existing G.I. Earth-wire (7/3.66mm) of various EHV transmission lines (4700 km) of CSPTCL by OPGW (24&48 Fiber) on turnkey basis, the following clauses are amended/added as hereunder:-

| S. N. | Clause/Page in tender TR-20-08 | As mentioned in instant tender No. TR-20/08 | | | Clause amended/added and now may be read as | | |
|-------|---|---|------|----------------------------|--|------|-----------------------------|
| 1 | "TECHNICAL EXPERIENCE CRITERIA OF PQR" Tender Clause (H-I-a) at page No.19) | (I) Technical Experience for Sole bidder or Joint Venture(JV)/ consortium bidder: - (a) Sole bidder or Joint Venture (JV)/ consortium bidder should have executed project(s) for supply, erection, testing and commissioning of OPGW (24 Fiber or higher capacity) alongwith the hardwares and accessories on 110 KV or above voltage class transmission lines for at-least 2000 Kms (cumulatively) route length on turn-key basis during last 5 years i.e. FY 2015-16 to FY 2019-20 (between 1 st Apl'2016 & 31 st March'2020). | | | (I) Technical Experience for Sole bidder or Joint Venture(JV)/ consortium bidder: - (a) Sole bidder or Joint Venture(JV)/ consortium bidder should have executed project(s) for supply, erection, testing and commissioning of OPGW (24 Fiber or higher capacity) alongwith the hardwares and accessories on 110 KV or above voltage class transmission lines for at-least 2000 Kms (cumulatively) route length on turn-key basis during last 5 years i.e. FY 2015-16 to FY 2019-20 (between 1 st Apl'2015 & 31 st March'2020). | | |
| 2 | Sr. No. 6 & 7 of "GUARANTEED TECHNICAL PARTICULARS OF OPGW" (Tender Page 175) | No. of Buffer Tubes | each | 6 & 8 as per no. of fibres | No. of Buffer Tubes | each | 04 No. |
| | | No. of Fibers per Tube | each | 6 & 8 as per no. of fibres | No. of Fibers per Tube | each | 6 & 12 as per no. of fibres |

| 3 | Tender clause 1.8.6 under head "Installation" (Tender page No. 79) | <p>"The Contractor shall be responsible for collecting the tower & the transmission line details for the proposed fibre optic links required for cable designing & tower structural analysis. However, the available details are enclosed in appendices. A tower structural analysis shall be carried out by the Contractor to ensure that with the replacement of existing earth wire with the OPGW cable, the tower members remain within the statutory safety limits as per Indian Electricity rules and if required the Contractor shall carry out the tower strengthening as necessary. The OPGW cable sections shall normally be terminated & spliced only on tension towers. In exceptional circumstances, and on Employer specific approval, cable may be terminated on Suspension towers, but in this case tower strength shall be examined to ensure that tower loads are within safe limits and if required, necessary tower strengthening shall be carried out by the Contractor."</p> | <p>"The Contractor shall be responsible for collecting the tower & the transmission line details for the proposed fibre optic links required for cable designing & tower structural analysis. However, the available details are enclosed in appendices. The Contractor shall ensure that with the replacement of existing earth wire with the OPGW cable, the tower members remain within the statutory safety limits as per Indian Electricity rules. The OPGW cable sections shall normally be terminated & spliced only on tension towers. In exceptional circumstances, and on CSPTCL's specific approval, cable may be terminated on Suspension towers, but in this case tower strength shall be examined to ensure that tower loads are within safe limits and if required, Contractor shall submit design details with required strengthening & the work shall be carried out by CSPTCL."</p> | | | | | | | | | | | | |
|--|--|--|---|-----------------------------------|--|--|--------------|-------|-------|--|-----|-----|-----------|----|----|
| 3 | Tender clause 3.30 under head "WAY LEAVE" | --- | <p>An additional clause is added as given below :-</p> <p>(c) Railway crossing :-</p> <p>The Railway track crossing cases with drawing, questionnaire etc. will be prepared by CSPTCL and CSPTCL will arrange the approval. All statutory payment like supervision charges, approval fee etc. will be paid by the CSPTCL directly to the Railway Department. The Railway Block charges if any will be paid by the CSPTCL for maximum of one hour per crossing. The Railway block charges beyond one hour per crossing will be borne by the contractor.</p> | | | | | | | | | | | | |
| 4 | Data sheet for existing Earthwire | --- | <p>An additional annexure is included as given below :-</p> <table><tr><th colspan="3">DATA SHEET FOR EXISTING EARTHWIRE</th></tr><tr><th>Line Voltage</th><th>132KV</th><th>220KV</th></tr><tr><td>Nominal Span (E/W & Conductors in mtrs.)</td><td>335</td><td>350</td></tr><tr><td>Wind Zone</td><td>IV</td><td>IV</td></tr></table> | DATA SHEET FOR EXISTING EARTHWIRE | | | Line Voltage | 132KV | 220KV | Nominal Span (E/W & Conductors in mtrs.) | 335 | 350 | Wind Zone | IV | IV |
| DATA SHEET FOR EXISTING EARTHWIRE | | | | | | | | | | | | | | | |
| Line Voltage | 132KV | 220KV | | | | | | | | | | | | | |
| Nominal Span (E/W & Conductors in mtrs.) | 335 | 350 | | | | | | | | | | | | | |
| Wind Zone | IV | IV | | | | | | | | | | | | | |

| | | | | | |
|--|--|--|---|-------|-------|
| | | | Design Tension at Every Day Temp (32° C) and full wind condition – Earthwire) (in kg) | 3382 | 3318 |
| | | | Wind Pressure (kg/Sq-m) (including gust factor) | 186.5 | 192 |
| | | | Max Sag – Ground Wire at 53°C (in mtrs) | 5.598 | 6.904 |
| | | | UTS – Earthwire (Kg) | 6972 | 6972 |
| | | | Weight – Earth wire (Kg/km) | 583 | 583 |

All other clauses, sub-clauses, terms & conditions of the tender No.TR-20/08 shall remain unchanged and applicable.


Chief Engineer (Planning & Projects),
CSPTCL, Raipur