

BIDDING DOCUMENT FOR THE Supply and Delivery of 48 Core ADSS Fibre Optic cable with fittings and accessories for Installation on high voltage Overhead Powerlines

PROCUREMENT REFERENCE No: 1CT/PWT/03/2022

PART 2 STATEMENT OF REQUIREMENTS



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POWERTEL COMMUNICATIONS BIDDING DOCUMENT AMENDMENT 1:

TENDER: ICT/PWT/03/2022: SUPPLY AND DELIVERY OF 48 CORE ADSS FIBRE OPTIC CABLE WITH FITTINGS AND ACCESSORIES FOR INSTALLATION ON HIGH VOLTAGE OVERHEAD POWERLINES

Please find below amendment to bidding document for ADSS Fibre.

Bidders must take note that this document becomes part of the Tender documents and will be circulated through our website to all the bidders who are participating in the tender process.

| No | Related RFQ Clarification | Amendment to bidding instructions |
|----|---|---|
| 1 | Peripheral Strength Member Double Layers", It means that the cable need to have two layers of aramid, but for the consideration of costs and based on the MAT required (6000N) and also according to the IEC standard 0.2%. ➤ we recommended to meet the tensile force requirements on priority and go with one layer of aramid for the cable. | A minimum of one layer of aramid is required. |
| 2 | According to the schematic diagram, there is only one ripcord. In order to ensure the cable performance when opened cable. ➤ we recommend to design two ripcords symmetrically; | The minimum number of ripcords should be 2, therefore 2 ripcords are acceptable. |
| 3 | Crush Strength - 4000N, combined with the cable structure and the test table, this ADSS cable is single-protection structure. But the crush strength is required to meet 4000N, and the additional attenuation needs to be ≤0.05dB at same time. ➤ This requirement is too strict, so we recommended to | This requirement should remain as specified in the tender document |

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| | | |
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| | design Crush Strength to 3000N and 4000N without breaking. | |
| 4 | Bidder's Declaration Form and the bidder submission sheet are the same? (Pages 14 and 31) | These are two separate and different forms and all should be completed by the bidder. |
| 5 | 600km is for which cable, the ADSS Long Span Cable G655 page 22 or ADSS Medium Span Cable G657A1 page 23 | We require 400km ADSS Long span cable G655 and 200km of ADSS medium span G657A1 Refer to attached revised statement of requirements and delivery schedule. |

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| | |
|----------------------------|--|
| Name of Bidder: | |
| Bidder's Reference Number: | |

List of Goods and Price Schedule: CURRENCY OF BID:.....

| Item No ¹ | Description of Goods | | Quantity ² | Unit of measure | Unit Price ³ | Total Price ⁴ |
|------------------------|--|-----------------------|-----------------------|-----------------|--------------------------------|--------------------------------|
| | | | | | [to be provided by the Bidder] | [to be provided by the Bidder] |
| 1a | 48 Core ADSS fibre Optic Cable Long span | | 400 | km | | |
| 1b | 48 Core ADSS fibre Optic Cable Medium span | | 200 | km | | |
| 2 | Tension Clamps | 100m Span | 4000 | Nos. | | |
| | | 200m Span | 2000 | Nos. | | |
| | | 300m Span | 1500 | Nos. | | |
| | | 400m Span | 500 | Nos. | | |
| 3 | Suspension clamps | 100m Span | 4000 | Nos. | | |
| | | 200m Span | 4000 | Nos. | | |
| | | 300-600m Span | 500 | Nos. | | |
| 4 | Spiral Vibration Dampers | 1300±10mm | 1000 | Nos. | | |
| | | 1350±10mm | 4000 | Nos. | | |
| | | 1650±10mm | 500 | Nos. | | |
| 5 | Lead Down Clamps | Tower lead down clamp | 2000 | Nos. | | |
| | | Pole lead down clamp | 2000 | Nos. | | |
| 6 | Cable/Slack management Rack | Tower mount clamp | 2000 | Nos. | | |
| | | Pole mount Tape | 2000 | Nos. | | |
| 7 | 2 Core drop cable accessories | Drop wire clamp | 1000 | Nos. | | |
| | | Cable ball hook | 2000 | Nos. | | |
| | | Drop cable dead end | 1000 | Nos. | | |
| Total Price Before VAT | | | | | | |

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| | |
|----------------------------------|--|
| Total VAT | |
| Total Price Including VAT | |

2.1 DELIVERY SCHEDULE

Delivery Schedule

| | |
|----------------------------|--|
| Name of Bidder: | |
| Bidder's Reference Number: | |

{NOTE TO BIDDERS: IF THE DELIVERY PERIOD OFFERED, OR ANY OTHER DETAILS, DIFFER FROM THE REQUIREMENTS BELOW, THIS SHOULD BE STATED IN YOUR TENDER}.

| Item No ¹ | Description of Goods | | Quantity ² | Unit of measure | Delivery Date Required by Procuring Entity and applicable INCOTERM | Bidder's offered Delivery period |
|----------------------|--|-----------|-----------------------|-----------------|--|----------------------------------|
| | | | | | [Completed by Procuring Entity] | {to be provided by the Bidder} |
| 1a | 48 Core ADSS fibre Optic Cable Long Span | | 400 | km | Within twelve (12) weeks, DDP Harare | |
| 1b | 48 Core ADSS fibre Optic Cable Medium Span | | 200 | km | Within twelve (12) weeks, DDP Harare | |
| 2 | Tension Clamps | 100m Span | 4000 | Nos. | Within twelve (12) weeks, DDP Harare | |
| | | 200m Span | 2000 | Nos. | Within twelve (12) | |

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|----------|--------------------------|-----------------------|------|------|--------------------------------------|--|
| | | | | | weeks, DDP Harare | |
| | | 300m Span | 1500 | Nos. | Within twelve (12) weeks, DDP Harare | |
| | | 500m Span | 500 | Nos. | Within twelve (12) weeks, DDP Harare | |
| 3 | Suspension clamps | 100m Span | 4000 | Nos. | Within twelve (12) weeks, DDP Harare | |
| | | 200m Span | 4000 | Nos. | Within twelve (12) weeks, DDP Harare | |
| | | 300- 600m Span | 500 | Nos. | Within twelve (12) weeks, DDP Harare | |
| 4 | Spiral Vibration Dampers | 1300±10 | 1000 | Nos. | Within twelve (12) weeks, DDP Harare | |
| | | 1350±10 | 4000 | Nos. | Within twelve (12) weeks, DDP Harare | |
| | | 1650±10 | 500 | Nos. | Within twelve (12) weeks, DDP Harare | |
| 5 | Lead Down Clamps | Tower lead down clamp | 2000 | Nos. | Within twelve (12) weeks, DDP Harare | |
| | | Pole lead down clamp | 2000 | Nos. | Within twelve (12) | |

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|----------|-------------------------------|---------------------|------|------|--------------------------------------|--|
| | | | | | weeks, DDP Harare | |
| 6 | Cable/Slack management Rack | Tower mount clamp | 2000 | Nos. | Within twelve (12) weeks, DDP Harare | |
| | | Pole mount Tape | 2000 | Nos. | Within twelve (12) weeks, DDP Harare | |
| 7 | 2 Core drop cable accessories | Drop wire clamp | 1000 | Nos. | Within twelve (12) weeks, DDP Harare | |
| | | Cable ball hook | 2000 | Nos. | Within twelve (12) weeks, DDP Harare | |
| | | Drop cable dead end | 1000 | Nos. | Within twelve (12) weeks, DDP Harare | |

The delivery period required is measured from the date of the signing of issuing a Purchase Order by the Procuring Entity.

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