

**ANNEXURE-A : PRICE FORMAT FOR LT XLPE POWER CABLE FOR 2X60MM IB VALLEY TPS, BANHARPALI  
TENDER ENQUIRY NO. PE/PG/OP/I-E-4601/2014 DATED 15/10/2014**

**BOQ CUM PRICE SCHEDULE**

**(A) MAIN SUPPLY**

(1.1) 11KV, Al conductor, XLPE insulated, Galvanised steel round wire armoured for twin and multicore cables (non - magnetic hard drawn aluminium wire armoured conforming to H4 grade for single core cables), INNER SHEATH: Extruded PVC compound conforming to type ST2 of IS: 5831 for multicore cable. Single core cables shall have no inner sheath. OVERALL SHEATH: extruded overall FRLS PVC compound conforming to type ST2 of IS: 5831, black in colour.

| S. NO. | ITEM CODE   | Cable Size (No. of cores x Cross section Area (sq:mm)) | Order Quantity (meters) | LOT-1 QUANTITY | Drum length (meters) | Unit price ex-works (duty packed) (Rs.) | Total Price Ex-works (duty packed) (Rs.) | Excise Duty on self-manufactured items with cess@.....% (Rs) | CST@.....% against Form C/E & E2/VAT @. % (WHICHEVER IS APPLICABLE) (Rs) | Freight including service tax if applicable, @.....% of Ex-Works (Rs) | Total F.O.R. SITE PRICE (Rs.) | FOR FOREIGN BIDDER           |                               |
|--------|-------------|--|-------------------------|----------------|----------------------|---|--|--|--|---|-------------------------------|------------------------------|-------------------------------|
|        |             |  |                         |                |                      |   |  |  |  |   |                               | UNIT F.O.B. PRICE (CURRENCY) | TOTAL F.O.B. PRICE (CURRENCY) |
| A1.    | 507-28159-A | 1C - 16  | 10000                   | 7000           | 500                  |   |  |  |  |   |                               |                              |                               |
| A2.    | 507-28153-A | 1C - 25  | 8500                    | 6000           | 500                  |   |  |  |  |   |                               |                              |                               |
| A3.    | 507-28154-A | 1C - 35  | 13000                   | 9000           | 500                  |   |  |  |  |   |                               |                              |                               |
| A4.    | 507-28072-A | 1C - 50  | 1000                    | 1000           | 500                  |   |  |  |  |   |                               |                              |                               |
| A5.    | 507-28157-A | 1C - 120   | 1000                    | 1000           | 500                  |   |  |  |  |   |                               |                              |                               |
| A6.    | 507-28158-A | 1C - 185   | 4500                    | 3000           | 500                  |   |  |  |  |   |                               |                              |                               |
| A7.    | 507-28005-A | 1C - 400   | 15000                   | 10500          | 500                  |   |  |  |  |   |                               |                              |                               |
| A8.    | 507-28007-A | 1C - 630   | 36000                   | 25500          | 500                  |   |  |  |  |   |                               |                              |                               |
| A9.    | 507-28011-A | 2C - 10  | 2000                    | 1500           | 500                  |   |  |  |  |   |                               |                              |                               |
| A10.   | 507-28021-A | 2C - 50  | 500                     | 500            | 500                  |   |  |  |  |   |                               |                              |                               |
| A11.   | 507-28125-A | 3C - 16  | 32500                   | 23000          | 500                  |   |  |  |  |   |                               |                              |                               |
| A12.   | 507-28047-A | 3C - 25  | 23500                   | 16500          | 500                  |   |  |  |  |   |                               |                              |                               |
| A13.   | 507-28049-A | 3C - 50  | 10000                   | 7000           | 500                  |   |  |  |  |   |                               |                              |                               |
| A14.   | 507-28051-A | 3C - 95  | 3500                    | 2500           | 500                  |   |  |  |  |   |                               |                              |                               |
| A15.   | 507-28041-A | 3C - 150   | 2000                    | 1500           | 500                  |   |  |  |  |   |                               |                              |                               |
| A16.   | 507-28045-A | 3C - 240   | 6500                    | 4500           | 500                  |   |  |  |  |   |                               |                              |                               |
| A17.   | 507-28031-A | 3.5C - 25  | 13500                   | 9500           | 500                  |   |  |  |  |   |                               |                              |                               |
| A18.   | 507-28035-A | 3.5C - 50  | 40500                   | 28500          | 500                  |   |  |  |  |   |                               |                              |                               |
| A19.   | 507-28037-A | 3.5C - 95  | 18500                   | 13000          | 500                  |   |  |  |  |   |                               |                              |                               |
| A20.   | 507-28029-A | 3.5C - 185   | 500                     | 500            | 500                  |   |  |  |  |   |                               |                              |                               |
| A21.   | 507-28033-A | 3.5C - 300   | 2500                    | 2000           | 500                  |   |  |  |  |   |                               |                              |                               |
| A22.   | 507-28126-A | 4C - 16  | 27000                   | 19000          | 500                  |   |  |  |  |   |                               |                              |                               |

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(1/2) 1.1kV, Cu conductor, XLPE insulated, galvanised steel round wire armoured for twin and multicore cables (non – magnetic hard drawn aluminium wire armoured conforming to H4 grade for single core cables), INNER SHEATH: Extruded PVC compound conforming to type ST2 of IS: 5831 for multicore cable. Single core cables shall have no inner sheath. OVERALL SHEATH: Extruded FRLS PVC compound conforming to type ST2 of IS: 5831, black in colour

| S.NO.                    | ITEM CODE   | Cable Size (No. of cores x Cross section Area (sq.mm)) | Order Quantity (meters) | LOT-1 Quantity (meters) | Drum length (meters) | FOR INDIAN BIDDERS                      |  |  |   | FOR FOREIGN BIDDER   |                               |                              |                               |
|--------------------------|-------------|--|-------------------------|-------------------------|----------------------|---|--|--|---|--|-------------------------------|------------------------------|-------------------------------|
|                          |             |  |                         |                         |                      | Unit price ex-works (duly packed) (Rs.) | Total Price Ex-Works (duly packed) (Rs.) | Excise Duty on self-manufactured items with cess@.....% (Rs) | CST@.....% against Form C1E1& E2/ VAT @.....% (WHICHEVER IS APPLICABLE) (Rs ) | Freight including service tax if applicable, @.....% of Ex-Works | Total F.O.R. SITE PRICE (Rs.) | UNIT F.O.B. PRICE (CURRENCY) | TOTAL F.O.B. PRICE (CURRENCY) |
| A23.                     | 507-28127-A | 1C-2.5   | 20000                   | 14000                   | 1000                 |   |  |  |   |  |                               |                              |                               |
| A24.                     | 507-28015-A | 2C-2.5   | 92000                   | 64500                   | 1000                 |   |  |  |   |  |                               |                              |                               |
| A25.                     | 507-28043-A | 3C-2.5   | 187000                  | 131000                  | 1000                 |   |  |  |   |  |                               |                              |                               |
| <b>Total (A1 to A25)</b> |             |  |                         |                         |                      |   |  |  |   |  |                               |                              |                               |

| <b>Total (B1 to B25) REFER ANNEXURE-B</b>                              |                        |  |  |  |  |   |  |  |   |   |                               |                              |                               |
|--|------------------------|--|--|--|--|---|--|--|---|---|-------------------------------|------------------------------|-------------------------------|
| <b>Grand Total Main &amp; mandatory spares (A1 to A25 + B1 to B25)</b> |                        |  |  |  |  |   |  |  |   |   |                               |                              |                               |
| (B)  | <b>MANDATORY SPARE</b> |  |  |  |  | Unit price ex-works (duly packed) (Rs.) | Total Price Ex-Works (duly packed) (Rs.) | Excise Duty on self-manufactured items with cess@.....% (Rs) | CST@.....% against Form C1E1& E2/ VAT @.....% (WHICHEVER IS APPLICABLE) (Rs ) | Freight including service tax if applicable, @.....% of Ex-Works (Rs) | Total F.O.R. SITE PRICE (Rs.) | UNIT F.O.B. PRICE (CURRENCY) | TOTAL F.O.B. PRICE (CURRENCY) |

**Notes :**

- Quantities indicated above for S. No. (A) & (B) shall be known as Order Quantities. The variation in quantities of all sizes for Main item (A) put together shall be limited to (-) 30% to (+) 30% of the total contract value derived on the basis of the Ordered quantities of main item (A).
- The bidder shall indicate the unit price of each type and size of cables listed as per the BOC-Cum-Price Schedule enclosed with this specification. The unit prices shall apply for adjustment of variation in quantity as stipulated above.
- Lot-1 Quantity indicated above shall be cleared for manufacturing along with LOI. However, manufacturing of the cables shall be taken up by the successful bidder only after approval of technical and quality documentation. Subsequent lots shall be cleared for manufacture based on progress of engineering and site requirements.
- Overall tolerance on total dispatched quantity of each size shall be (-) 2% and (+) 0%. Cables consumed for testing and inspection shall be to bidder's account.
- Standard drum length shall be 500 / 1000metres. Tolerance on individual drum length shall be  $\pm 5\%$ . For each individual cable size, one short length of not less than 200m may be accepted only in the final drum length to complete the supply. The overall tolerance limits stipulated above shall continue to apply (in case short lengths are accepted).
- In case the quantities cleared by BHEL for manufacturing (in a lot) are manufactured and offered for inspection by successful bidder in more than one batch, BHEL reserves the right to witness type testing on all batches without any price implication.
- Bidder shall indicate unit price of cables inclusive of type test charges. No separate Type Test charges are to be quoted by bidder.
- Bidder shall quote for all sizes/types of cables as per specification, failing which their offer shall be rejected.
- Delivery schedule of LOT-1 and subsequent lots shall be as per NIT

  
 (S. J. Sankar)

**ANNEXURE-B : PRICE FORMAT FOR LT XLPE POWER CABLE FOR 2X660MMW IB VALLEY TPS, BANHARPALI**  
**TENDER ENQUIRY NO. PE/PG/OP1/ E-4601/2014 DATED 15/10/2014**  
**BOQ CUM PRICE SCHEDULE**

**(B) MANDATORY SPARES**

(2.1) 1.1KV, Al conductor, XLPE insulated, Galvanised steel round wire armoured for twin and multicore cables (non – magnetic hard drawn aluminium wire armoured conforming to H4 grade for single core cables), INNER SHEATH: Extruded PVC compound conforming to type ST2 of IS: 5831 for multicore cable. Single core cables shall have no inner sheath OVERALL SHEATH: extruded overall FRLS PVC compound conforming to type ST2 of IS: 5831, black in colour.

| S. NO. | ITEM CODE   | Cable Size (No. of cores x Cross section Area (sq.mm)) | Order Quantity (meters) | LOT-1 Quantity (meters) | Drum length (meters) | Unit price ex-works (duly packed) (Rs.) | Total Price Ex-Works (duly packed) (Rs.) | FOR INDIAN BIDDERS  |  |   |                               | FOR FOREIGN BIDDER                   |                               |
|--------|-------------|--|-------------------------|-------------------------|----------------------|---|--|---|--|---|-------------------------------|--------------------------------------|-------------------------------|
|        |             |  |                         |                         |                      |   |  | Excise Duty on self-manufactured items with cess @.....% (Rs) | CST @.....% against Form C/E 1& E2/ VAT @.....% (WHICHEVER IS APPLICABLE) (Rs) | Freight including service tax if applicable, @.....% of Ex-Works (Rs) | Total F.O.R. SITE PRICE (Rs.) | UNIT F.O.B. PRICE (CURRENT CURRENCY) | TOTAL F.O.B. PRICE (CURRENCY) |
| B1.    |             | 1C - 16  | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B2.    |             | 1C - 25  | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B3.    |             | 1C - 35  | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B4.    |             | 1C - 50  | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B5.    |             | 1C - 120   | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B6.    |             | 1C - 185   | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B7.    |             | 1C - 400   | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B8.    |             | 1C - 630   | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B9.    |             | 2C - 10  | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B10.   |             | 2C - 50  | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B11.   |             | 3C - 16  | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B12.   |             | 3C - 25  | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B13.   | 507-28000-B | 3C - 50  | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B14.   |             | 3C - 95  | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B15.   |             | 3C - 150   | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B16.   |             | 3C - 240   | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B17.   |             | 3.5C - 25  | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B18.   |             | 3.5C - 50  | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B19.   |             | 3.5C - 95  | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B20.   |             | 3.5C - 185   | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B21.   |             | 3.5C - 300   | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |
| B22.   |             | 4C - 16  | 1000                    | 1000                    | 500                  |   |  |   |  |   |                               |                                      |                               |

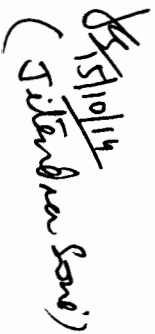
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15/10/14

(2.2) 1.1KV, Cu conductor, XLPE insulated, galvanised steel round wire armoured for twin and multicore cables (non – magnetic hard drawn aluminium wire armoured conforming to H4 grade for single core cables); INNER SHEATH: Extruded PVC compound conforming to type ST2 of IS: 5831 for multicore cable. Single core cables shall have no inner sheath. OVERALL SHEATH: Extruded FRLS PVC compound conforming to type ST2 of IS: 5831, black in colour

| S.NO.                 | ITEM CODE   | Cable Size (No. of cores x Cross section Area (sq.mm)) | Order Quantity (meters) | LOT-1 Quantity (meters) | Drum length (meters) | FOR INDIAN BIDDERS                      |  |  |  |   |                               | FOR FOREIGN BIDDER           |                               |
|-----------------------|-------------|--|-------------------------|-------------------------|----------------------|---|--|--|--|---|-------------------------------|------------------------------|-------------------------------|
|                       |             |  |                         |                         |                      | Unit price ex-works (duly packed) (Rs.) | Total Price Ex-Works (duly packed) (Rs.) | Excise Duty on self-manufactured items with cess@.....% (Rs) | CST @.....% against Form C/E1 & E2/ VAT @.....% (WHICHEVER IS APPLICABLE) (Rs) | Freight including service tax if applicable, @.....% of Ex-Works (Rs) | Total F.O.R. SITE PRICE (Rs.) | UNIT F.O.B. PRICE (CURRENCY) | TOTAL F.O.B. PRICE (CURRENCY) |
| B23.                  |             | 1C-2.5   | 1000                    | 1000                    | 1000                 |   |  |  |  |   |                               |                              |                               |
| B24.                  | 507-28000-B | 2C-2.5   | 1000                    | 1000                    | 1000                 |   |  |  |  |   |                               |                              |                               |
| B25.                  |             | 3C-2.5   | 1000                    | 1000                    | 1000                 |   |  |  |  |   |                               |                              |                               |
| <b>Total (B1-B25)</b> |             |  |                         |                         |                      |   |  |  |  |   |                               |                              |                               |

**Notes: (Applicable for Mandatory Spares only)**

- Quantities indicated above for Sl. NO. (B) shall be known as Order Quantities. The quantities are firm & there is no variation in the ordered quantities.
- The bidder shall indicate the unit price of each type and size of cables listed as per the BOQ-Cum-Price Schedule enclosed with this specification.
- Standard drum length shall be 500 / 1000 metres. No negative tolerance on drum for mandatory spare (as indicated above) is allowed.
- Quantity of mandatory spares indicated above shall be released alongwith Lot-1 (indicated in Annexure-A) after approval of technical and quality documentation. The drums supplied against item B shall be clearly identified as "MANDATORY SPARE".
- Delivery schedule of quantities indicated above shall be as per NIT.

  
 15/10/14  
 (Jiten Anand Soni)